

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005304.D
 Acq On : 26 Apr 2019 05:19
 Operator : JU/SJ
 Sample : K2481-20 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.593	775	783	789	rBV	1826898	3008132	13.00%	0.566%
2	8.687	961	969	974	rBV3	631564	1218747	5.27%	0.229%
3	8.822	987	992	1001	rVB	1950730	3145454	13.59%	0.592%
4	9.769	1149	1153	1157	rVV2	889810	1655979	7.16%	0.311%
5	9.857	1163	1168	1173	rVV2	805064	1531041	6.62%	0.288%
6	10.352	1243	1252	1258	rVV	7122897	12185718	52.66%	2.292%
7	10.540	1279	1284	1289	rVV	1913368	2881886	12.45%	0.542%
8	11.293	1404	1412	1417	rVB3	941914	1927786	8.33%	0.363%
9	11.399	1424	1430	1436	rBV	2343936	4244814	18.34%	0.798%
10	11.810	1492	1500	1506	rBV	7512055	11666760	50.41%	2.194%
11	12.028	1527	1537	1545	rVB3	1853689	4273236	18.47%	0.804%
12	12.251	1569	1575	1580	rVV	6469318	10224952	44.18%	1.923%
13	12.498	1613	1617	1624	rVB3	1195723	2169494	9.37%	0.408%
14	12.634	1636	1640	1650	rVB	1132924	1939455	8.38%	0.365%
15	12.728	1651	1656	1660	rBV3	783328	1391738	6.01%	0.262%
16	12.781	1660	1665	1669	rVV	2687087	3564674	15.40%	0.670%
17	13.075	1705	1715	1726	rBV2	9302473	17217364	74.40%	3.238%
18	13.251	1739	1745	1749	rBV2	1345922	2489364	10.76%	0.468%
19	13.387	1762	1768	1770	rBV	5112218	7981150	34.49%	1.501%
20	13.551	1790	1796	1801	rVV	6595923	11566716	49.98%	2.176%
21	13.604	1801	1805	1809	rVB	4992149	6883973	29.75%	1.295%
22	13.740	1823	1828	1831	rVB3	3001911	4283722	18.51%	0.806%
23	13.787	1831	1836	1840	rBV2	3639729	5467694	23.63%	1.028%
24	13.951	1859	1864	1869	rVB2	5100606	7629221	32.97%	1.435%
25	14.157	1894	1899	1904	rBV	9805382	13261521	57.31%	2.494%
26	14.228	1904	1911	1917	rVV4	4044831	8182559	35.36%	1.539%
27	14.292	1917	1922	1925	rBV2	1398788	1974863	8.53%	0.371%
28	14.445	1942	1948	1959	rBV	1528275	3717856	16.07%	0.699%
29	14.634	1971	1980	1988	rBV2	5006257	10393622	44.91%	1.955%
30	14.716	1989	1994	1998	rVB	2621840	3508250	15.16%	0.660%
31	14.781	2001	2005	2010	rVB	2755653	3727464	16.11%	0.701%
32	14.851	2011	2017	2022	rBV3	2232634	4029850	17.41%	0.758%
33	14.910	2023	2027	2031	rVB	2179894	2853541	12.33%	0.537%
34	15.028	2040	2047	2050	rBV2	1745186	3675902	15.88%	0.691%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

35	15.116	2057	2062	2066	rVB2	9216358	12248437	52.93%	2.304%
36	15.222	2076	2080	2085	rVB3	1485012	2741455	11.85%	0.516%
37	15.287	2085	2091	2096	rBV	7628024	11421620	49.35%	2.148%
38	15.328	2096	2098	2104	rVB3	757754	1180140	5.10%	0.222%
39	15.528	2124	2132	2136	rBV	4389307	7950190	34.35%	1.495%
40	15.581	2136	2141	2145	rBV	1880036	3134229	13.54%	0.590%
41	15.692	2153	2160	2163	rBV4	1297443	3329186	14.39%	0.626%
42	15.728	2163	2166	2174	rVB2	2960458	5867984	25.36%	1.104%
43	15.981	2203	2209	2212	rVV	9624727	14351003	62.01%	2.699%
44	16.010	2212	2214	2221	rVB	5991520	7106730	30.71%	1.337%
45	16.292	2255	2262	2265	rBV	1864341	3620963	15.65%	0.681%
46	16.339	2266	2270	2275	rVV2	1907387	3652846	15.78%	0.687%
47	16.386	2275	2278	2283	rVB2	1308088	1763353	7.62%	0.332%
48	16.439	2283	2287	2292	rVB2	1433103	1886803	8.15%	0.355%
49	16.528	2299	2302	2304	rVV2	1051165	1345171	5.81%	0.253%
50	16.563	2304	2308	2315	rVV4	1286996	3022843	13.06%	0.569%
51	16.651	2319	2323	2327	rVV3	772314	1222772	5.28%	0.230%
52	16.722	2331	2335	2340	rVV	1218180	2029701	8.77%	0.382%
53	16.775	2340	2344	2350	rVV2	8305924	12588934	54.40%	2.368%
54	16.828	2350	2353	2364	rVB	4027029	6819665	29.47%	1.283%
55	16.986	2375	2380	2383	rBV	4008266	5936734	25.65%	1.117%
56	17.028	2383	2387	2392	rVV	7744181	10495312	45.35%	1.974%
57	17.086	2393	2397	2398	rVV	952644	1342456	5.80%	0.253%
58	17.116	2398	2402	2407	rVB	6810715	9749815	42.13%	1.834%
59	17.433	2453	2456	2462	rVB2	1356344	2025596	8.75%	0.381%
60	17.516	2466	2470	2475	rBV	8125399	9604102	41.50%	1.806%
61	17.863	2525	2529	2533	rVV	4508612	6440291	27.83%	1.211%
62	17.910	2533	2537	2543	rVB	5018856	7153028	30.91%	1.345%
63	17.992	2547	2551	2555	rVV	2482413	3447935	14.90%	0.649%
64	18.057	2557	2562	2566	rVV2	5452402	10103845	43.66%	1.900%
65	18.098	2566	2569	2577	rVB2	3057303	4656044	20.12%	0.876%
66	18.216	2584	2589	2593	rBV	6438310	7944818	34.33%	1.494%
67	18.369	2611	2615	2623	rVB	2217377	3083872	13.33%	0.580%
68	18.680	2664	2668	2672	rBV2	1332981	2007356	8.67%	0.378%
69	18.792	2683	2687	2692	rBV	2241889	3626678	15.67%	0.682%
70	18.857	2693	2698	2702	rBV	6960072	8473319	36.61%	1.594%
71	19.063	2728	2733	2741	rVB	13252333	18620404	80.46%	3.502%

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72	19.210	2754	2758	2770	rBV	1902882	3071369	13.27%	0.578%
73	19.427	2791	2795	2804	rVB2	12033206	23141904	100.00%	4.353%
74	19.504	2804	2808	2816	rVB3	1152396	2417530	10.45%	0.455%
75	19.610	2822	2826	2834	rBV3	1269099	2391913	10.34%	0.450%
76	19.757	2846	2851	2863	rVB5	1592233	4345836	18.78%	0.817%
77	19.898	2870	2875	2877	rBV3	1162586	2071128	8.95%	0.390%
78	19.933	2877	2881	2886	rVB	3912054	5219118	22.55%	0.982%
79	19.986	2886	2890	2894	rBV	4005328	4761075	20.57%	0.896%
80	20.033	2894	2898	2902	rVV	3343293	4416943	19.09%	0.831%
81	20.092	2904	2908	2912	rVB2	1917315	2856536	12.34%	0.537%
82	20.280	2936	2940	2944	rBV	1209329	1910658	8.26%	0.359%
83	20.492	2972	2976	2980	rBV	3038635	3589119	15.51%	0.675%
84	20.898	3042	3045	3048	rBV	1041284	1187961	5.13%	0.223%
85	20.933	3048	3051	3053	rVV	949333	1304423	5.64%	0.245%
86	20.963	3053	3056	3068	rVB3	2759570	4228607	18.27%	0.795%
87	21.210	3092	3098	3103	rBV2	8335571	16744210	72.35%	3.149%
88	21.257	3103	3106	3116	rVB	5450040	7382518	31.90%	1.389%
89	21.410	3129	3132	3139	rVB	1867073	2303390	9.95%	0.433%
90	21.774	3191	3194	3198	rVV	1627265	2065220	8.92%	0.388%
91	21.845	3204	3206	3210	rVB	1342170	1336943	5.78%	0.251%
92	21.998	3229	3232	3238	rVB3	1062433	1578824	6.82%	0.297%
93	22.304	3281	3284	3290	rVB	1092753	1609160	6.95%	0.303%
94	22.774	3358	3364	3368	rBV	2429909	5701357	24.64%	1.072%
95	22.939	3388	3392	3402	rVB	746789	1211056	5.23%	0.228%
96	23.233	3438	3442	3448	rVB	1214775	2050593	8.86%	0.386%
97	23.327	3453	3458	3468	rVB	2540294	4965171	21.46%	0.934%
98	23.427	3468	3475	3480	rBV	3063032	5697771	24.62%	1.072%
99	25.604	3837	3845	3856	rVB2	928941	2893478	12.50%	0.544%
100	26.262	3951	3957	3967	rVB	499204	1331022	5.75%	0.250%

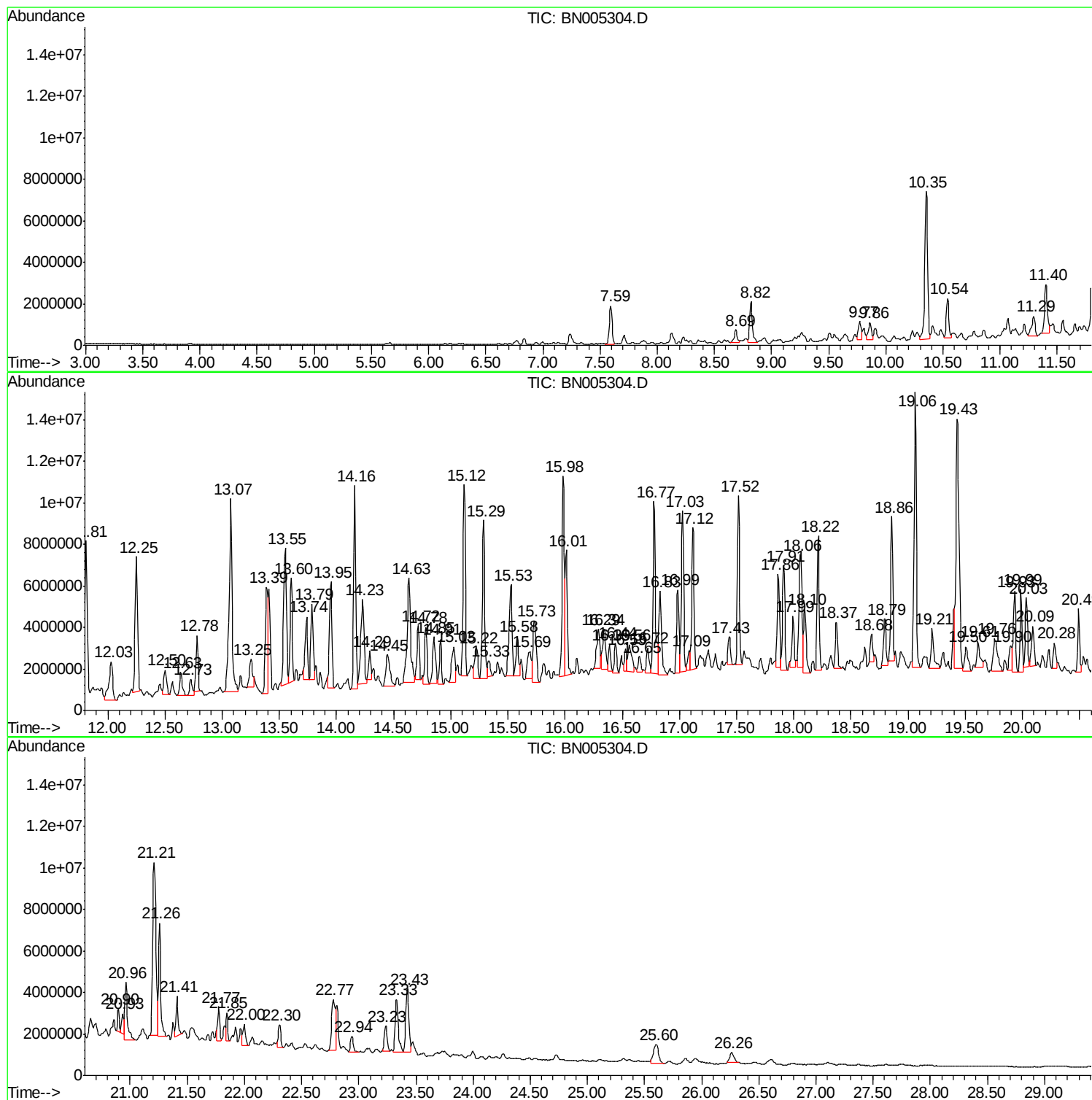
Sum of corrected areas: 531654961

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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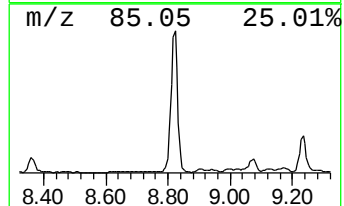
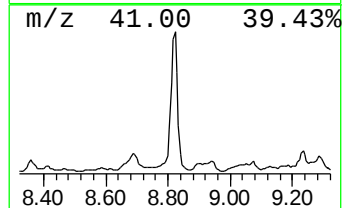
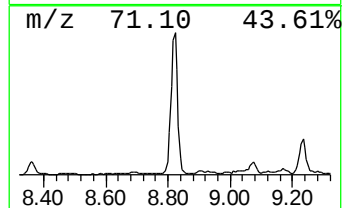
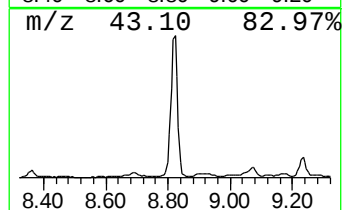
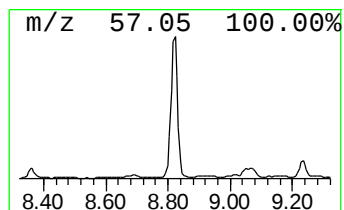
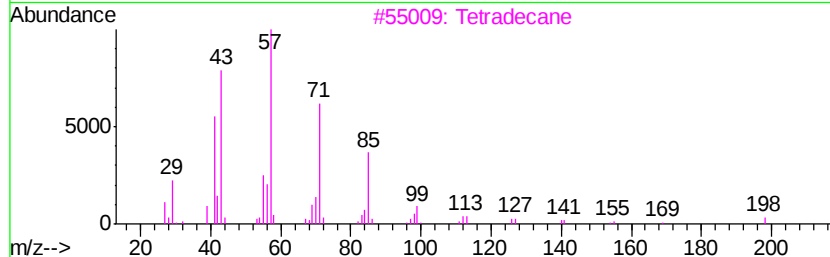
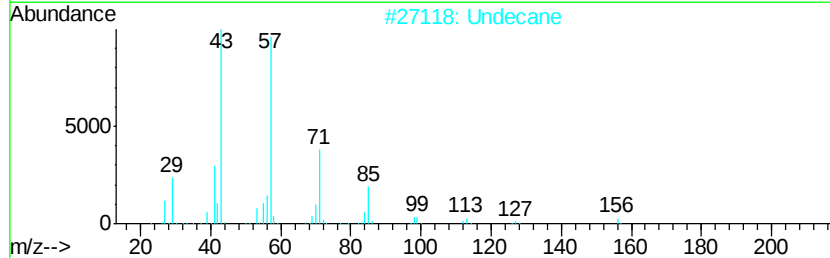
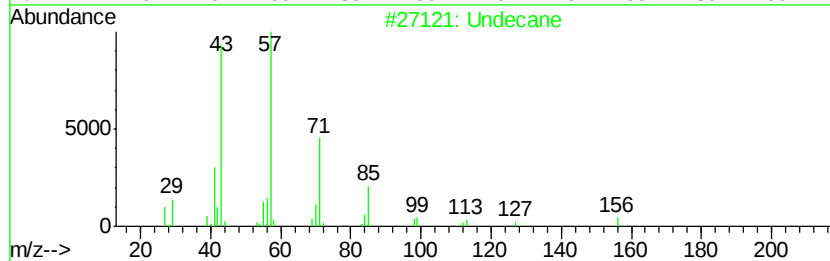
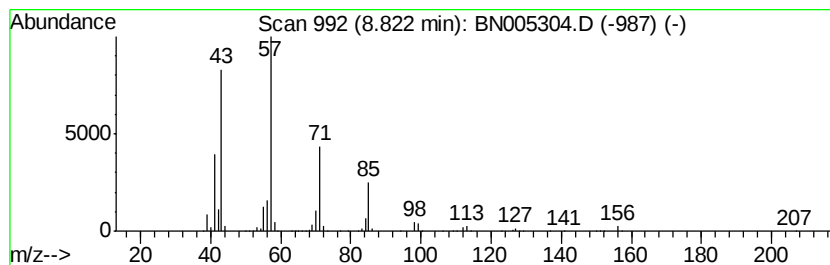
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	20.91 ng/ul	3145450	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Undecane	156	C11H24	001120-21-4	93
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Tridecane	184	C13H28	000629-50-5	86



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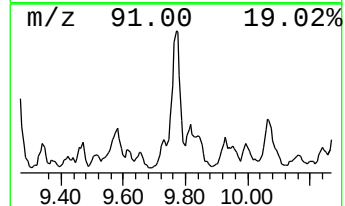
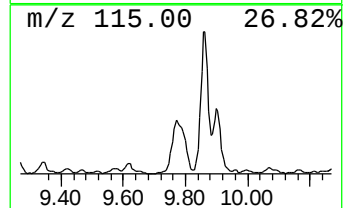
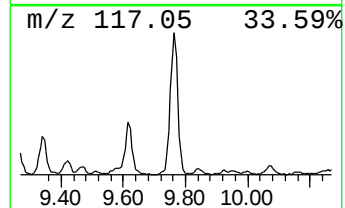
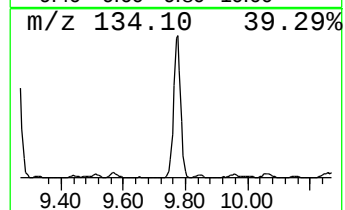
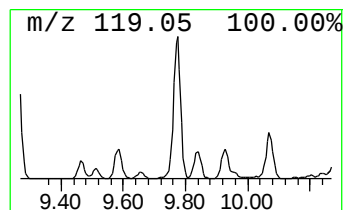
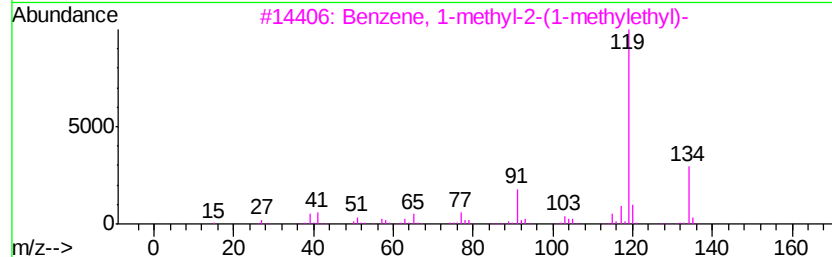
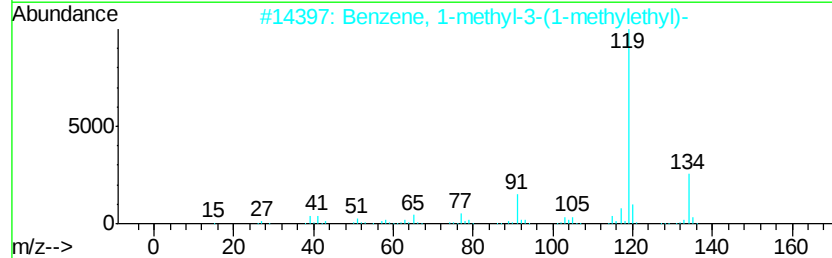
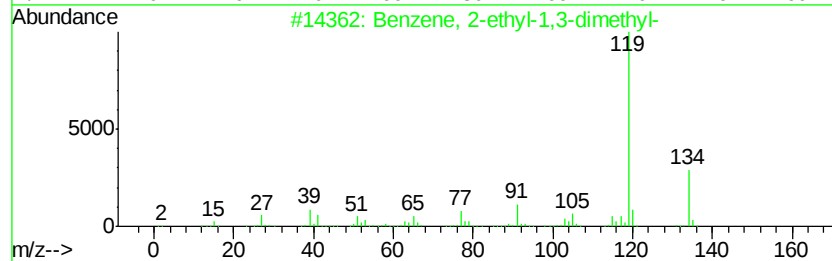
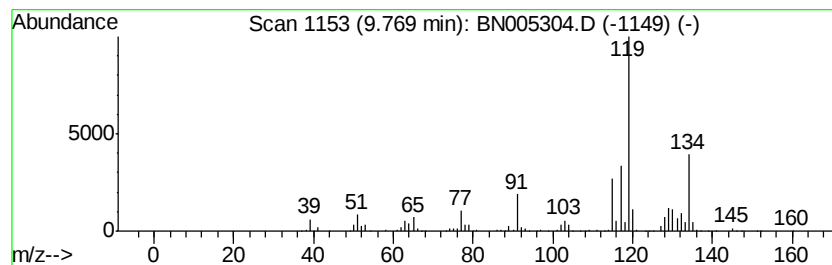
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.72 ng/ul	1655980	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70



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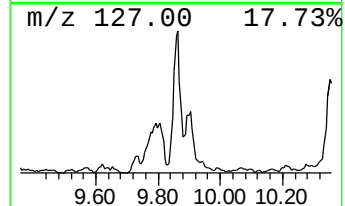
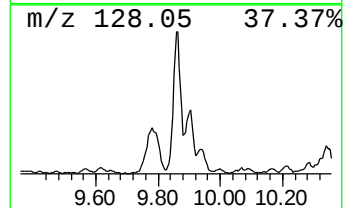
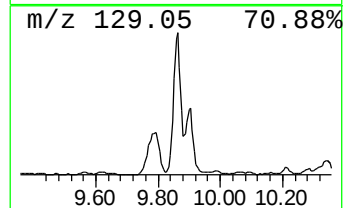
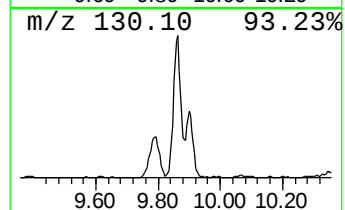
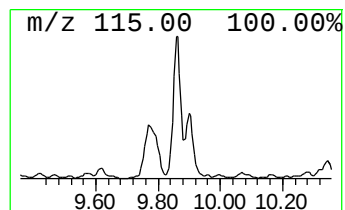
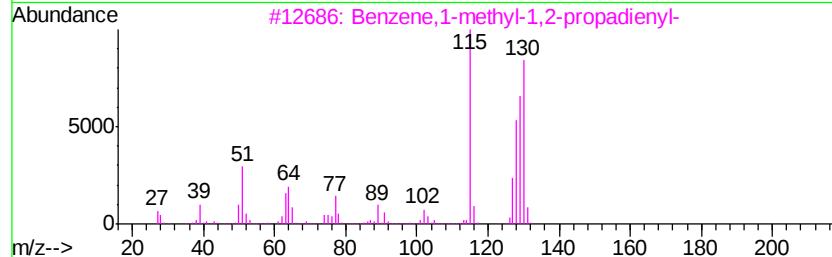
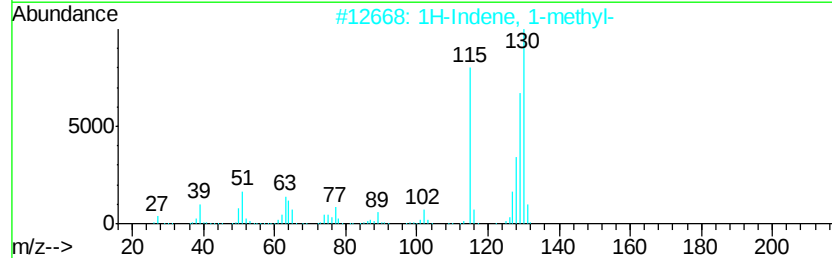
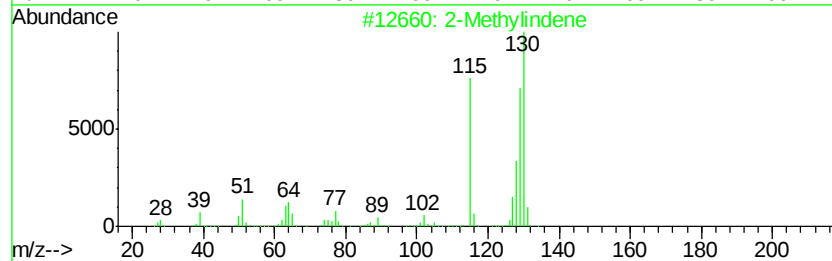
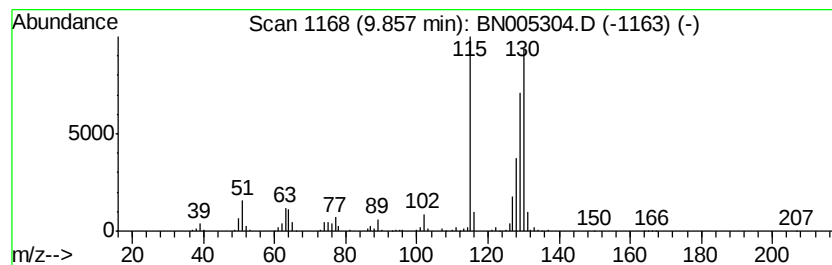
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Methylindene Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.51 ng/ul	1531040	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

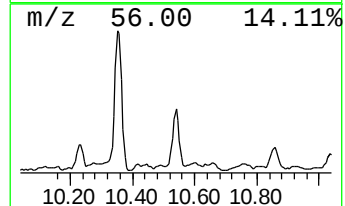
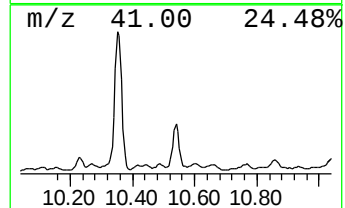
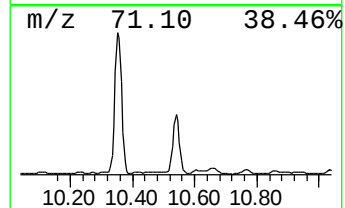
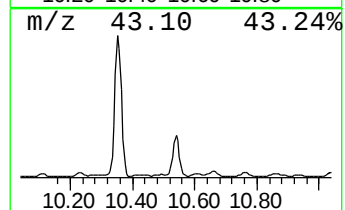
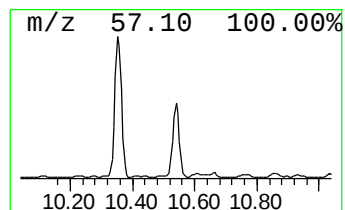
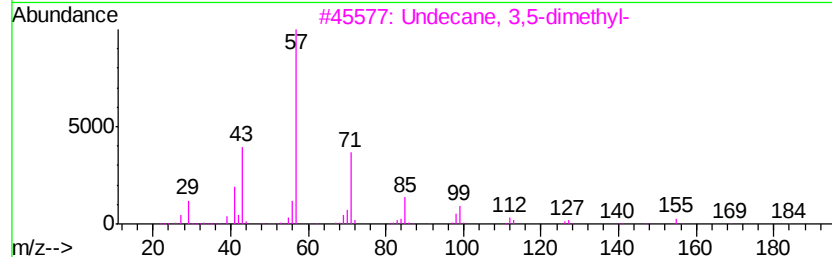
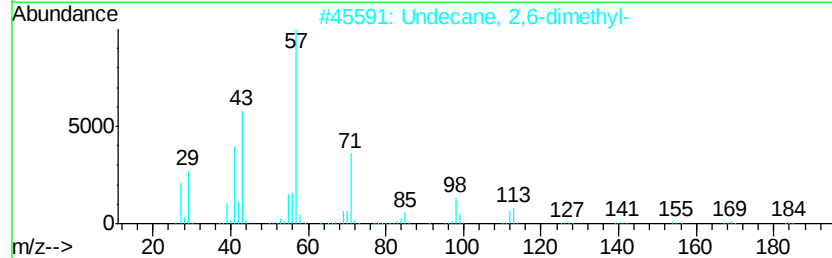
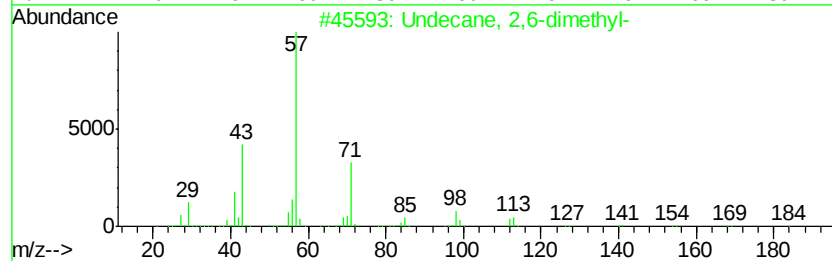
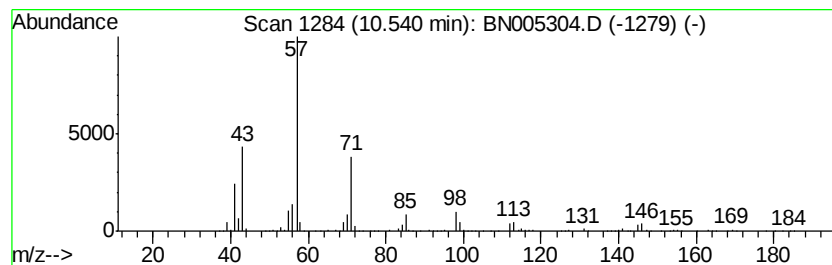
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	4.73 ng/ul	2881890	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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ClientSampleId :
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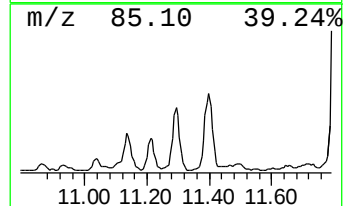
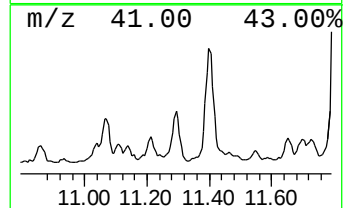
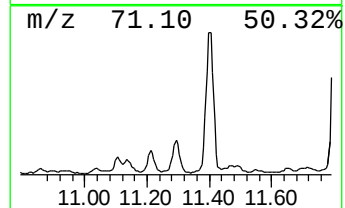
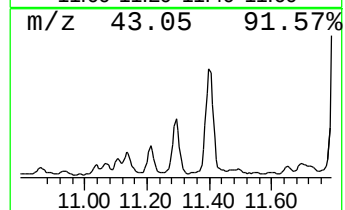
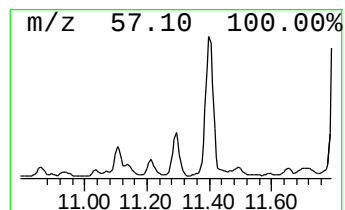
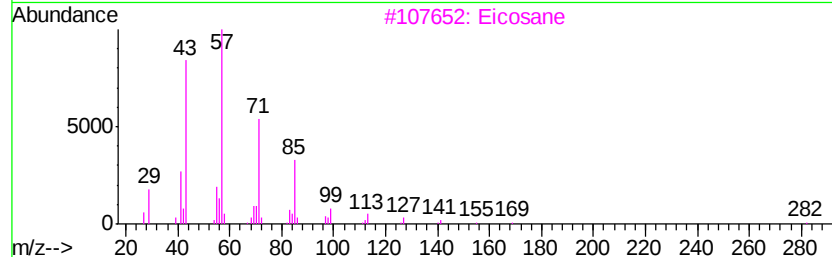
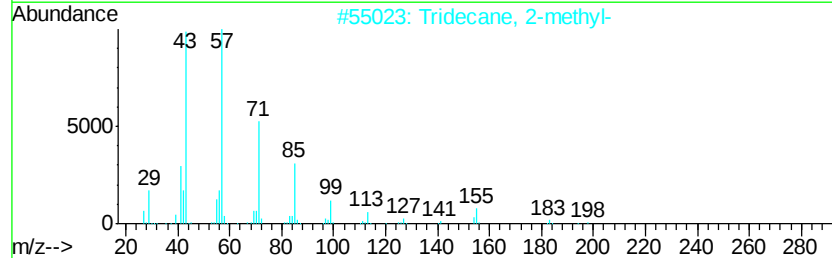
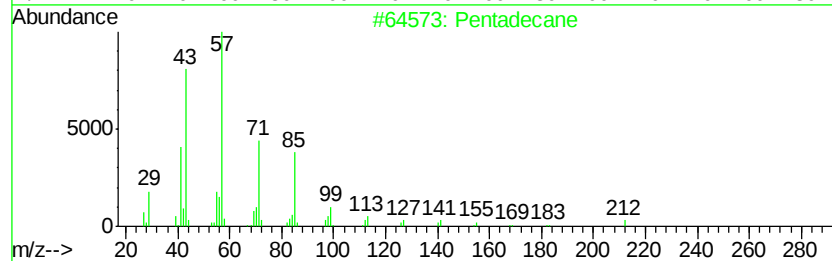
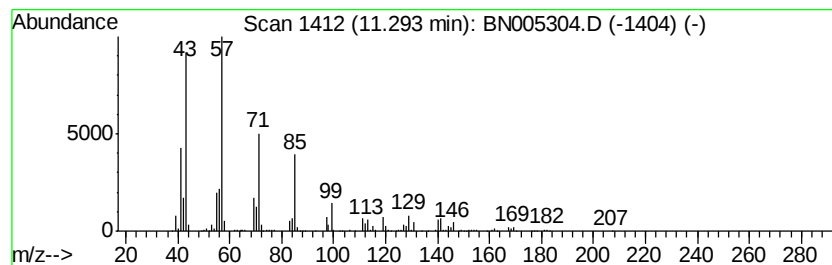
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.16 ng/ul	1927790	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	80
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3			Eicosane	282	C20H42	000112-95-8	72
4			Dotriacontane	451	C32H66	000544-85-4	64
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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ClientSampleId :
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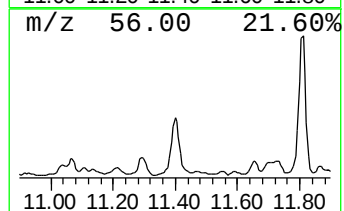
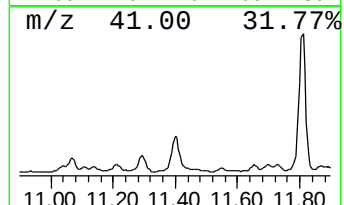
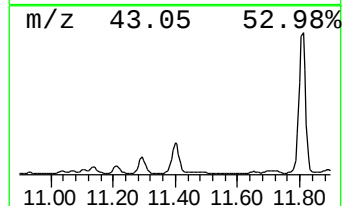
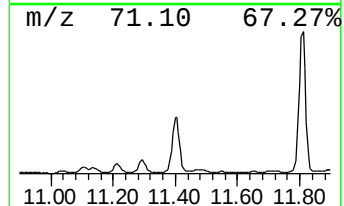
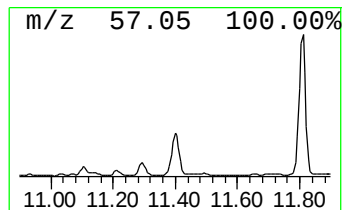
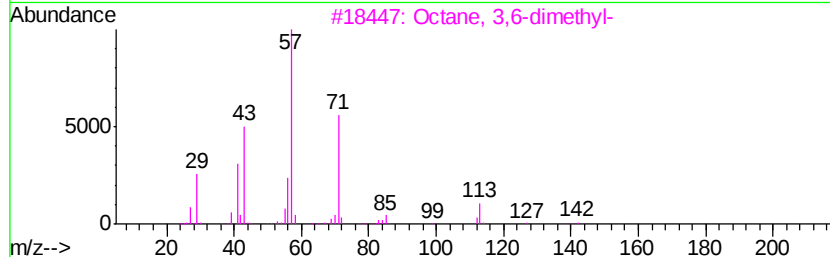
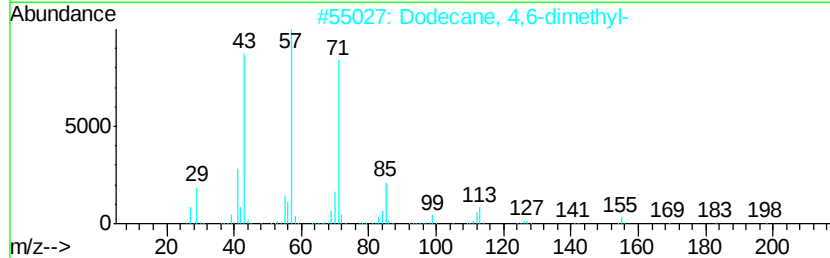
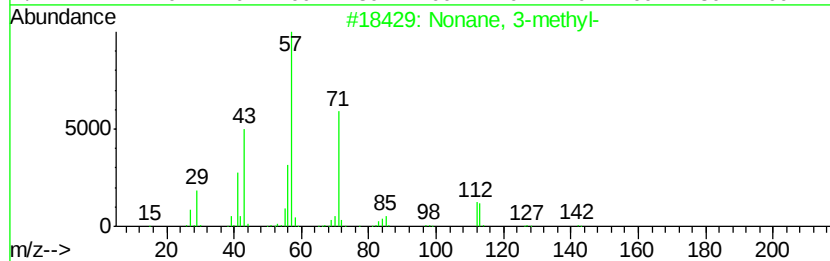
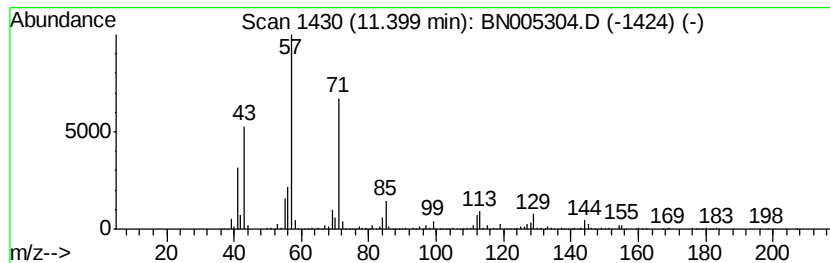
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	6.97 ng/ul	4244810	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
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Misc :
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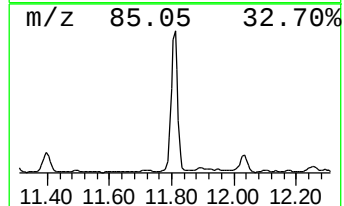
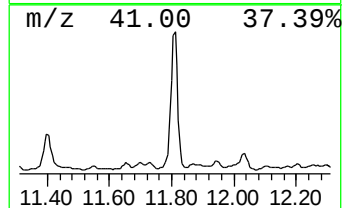
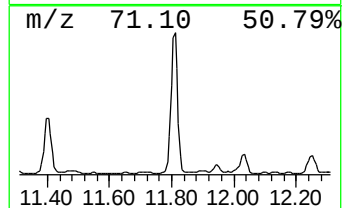
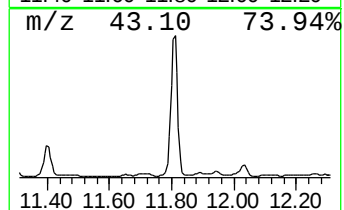
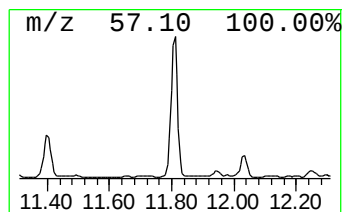
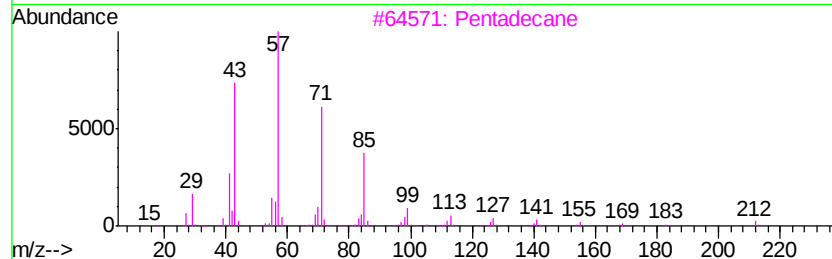
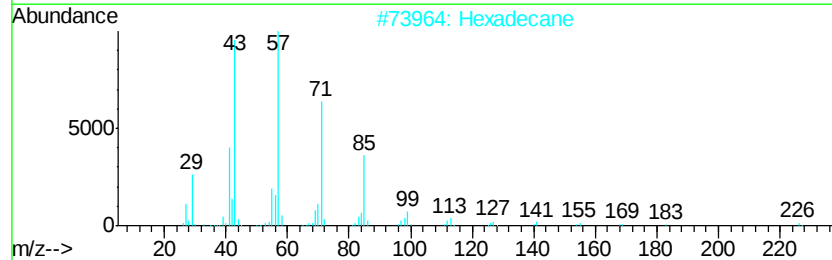
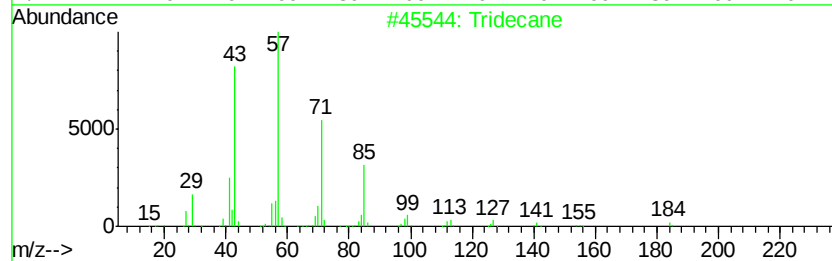
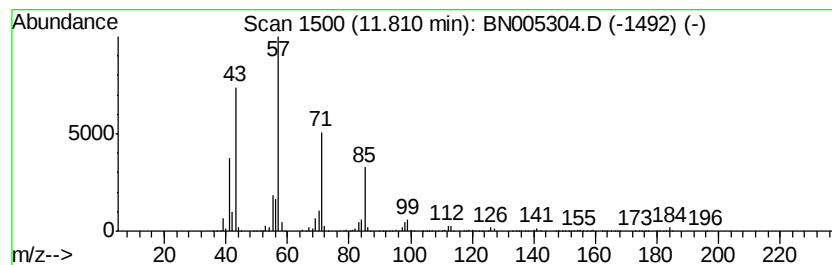
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	19.15 ng/ul	11666800	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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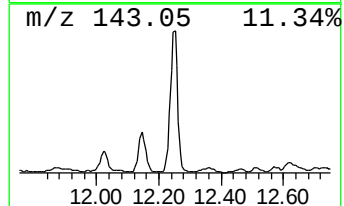
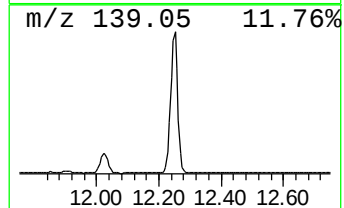
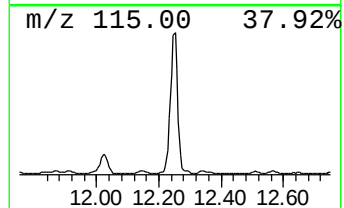
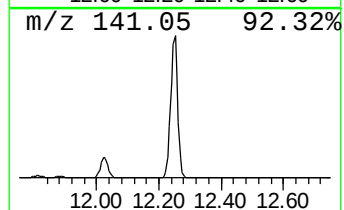
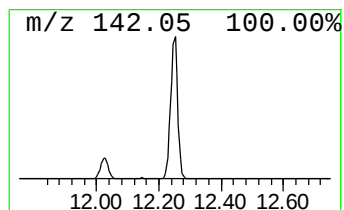
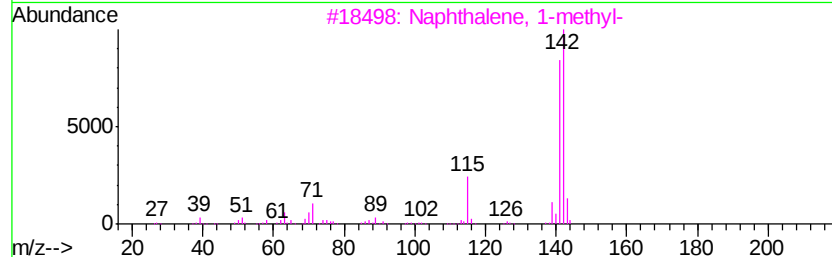
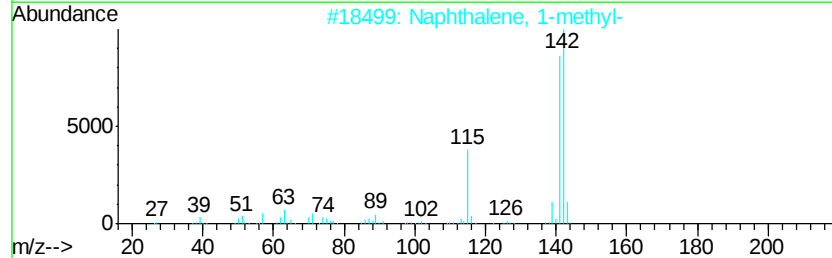
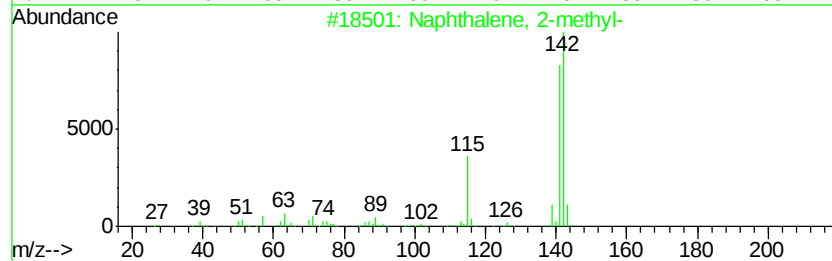
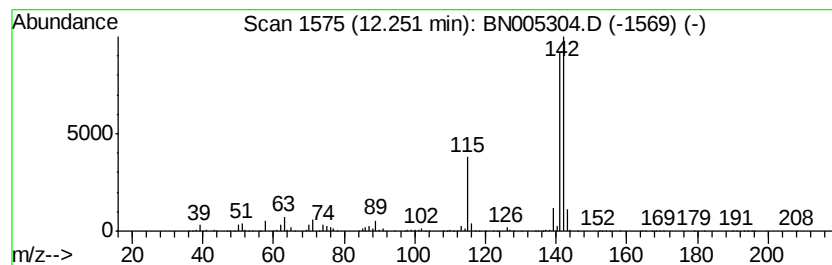
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	16.78 ng/ul	10225000	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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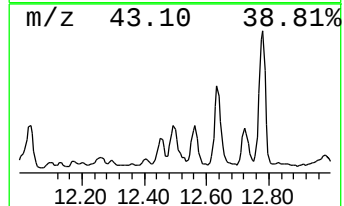
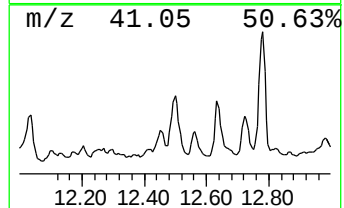
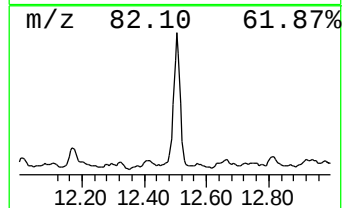
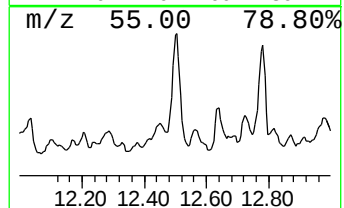
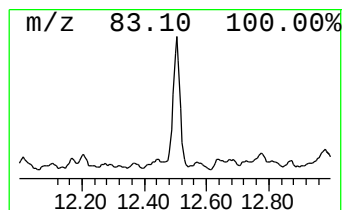
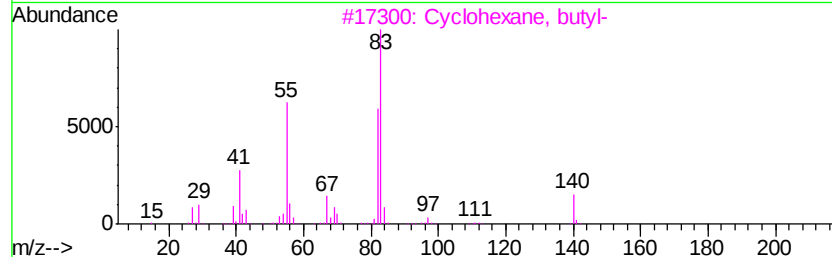
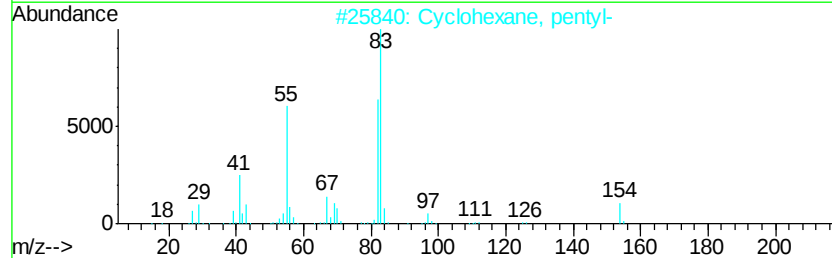
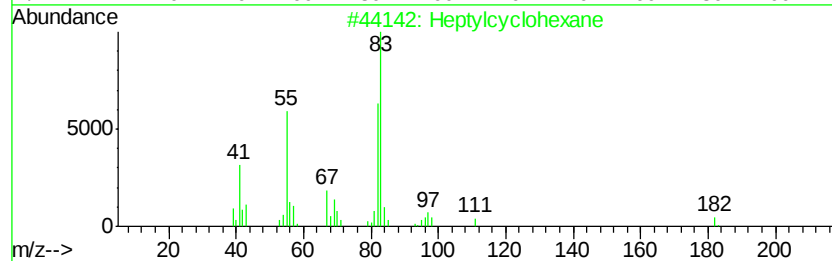
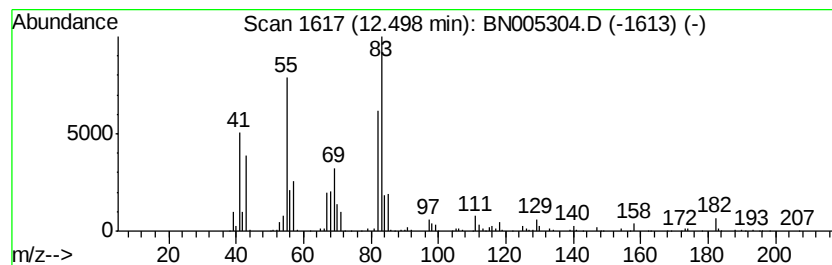
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic12.50 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.30 ng/ul	2169490	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 72
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 64
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 59
4		Cyclohexane, pentyl-	154 C11H22	004292-92-6 59
5		Cyclohexane, octyl-	196 C14H28	001795-15-9 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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ClientSampleId :
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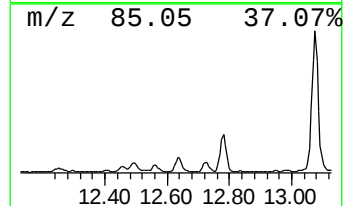
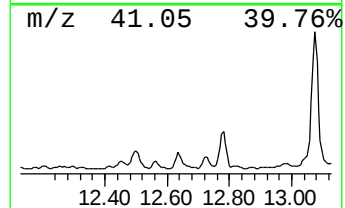
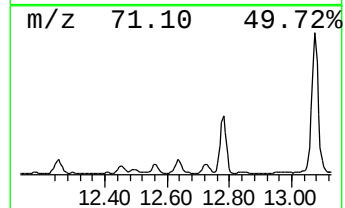
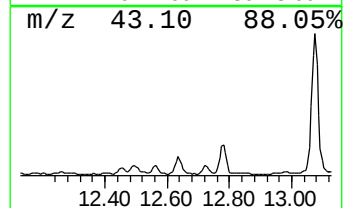
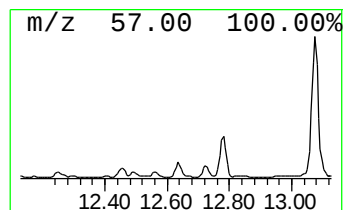
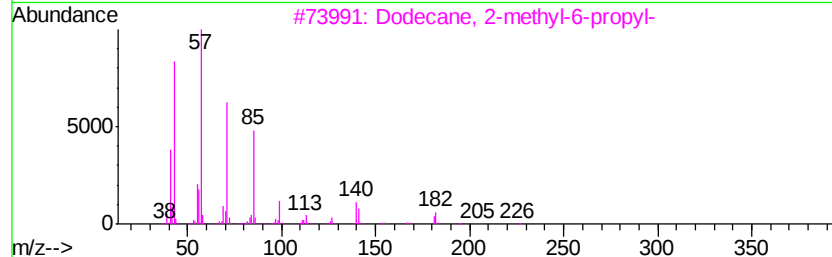
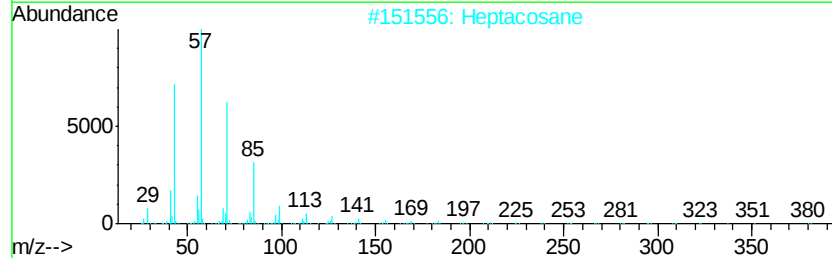
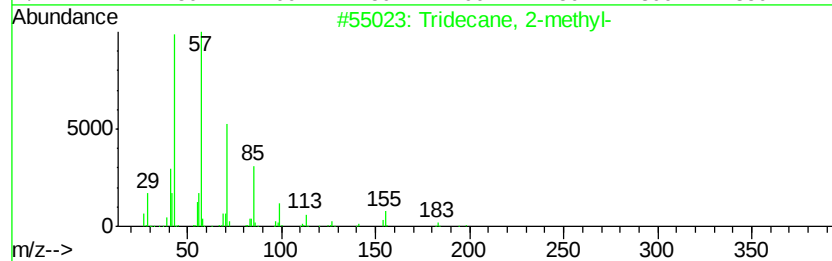
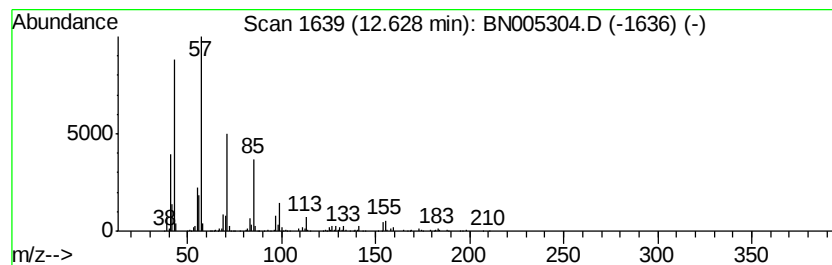
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.74 ng/ul	1939460	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	94
2			Heptacosane	380	C27H56	000593-49-7	80
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	76
5			Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

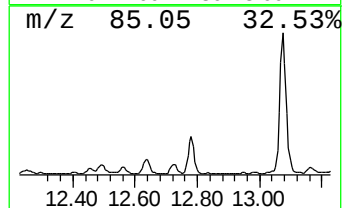
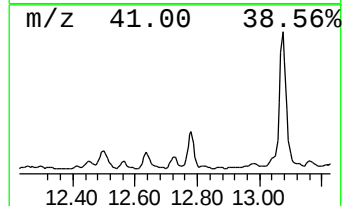
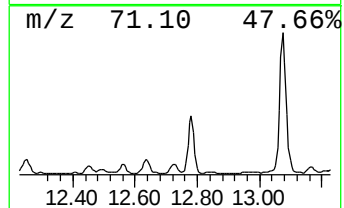
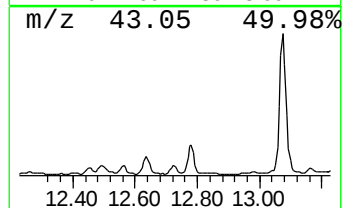
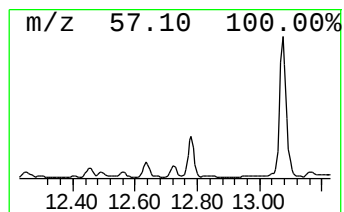
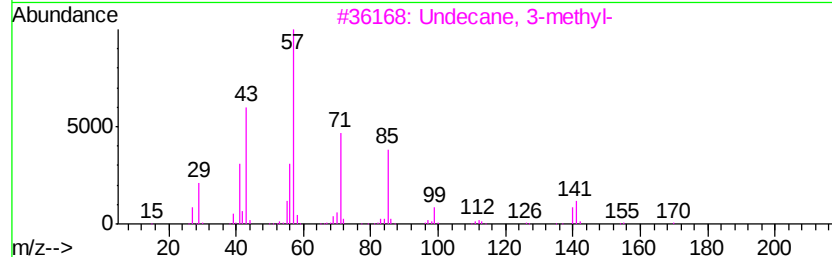
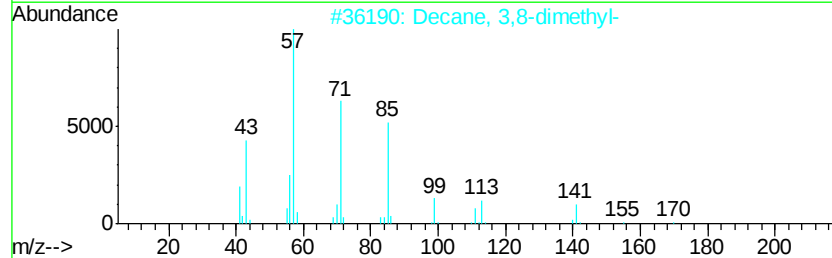
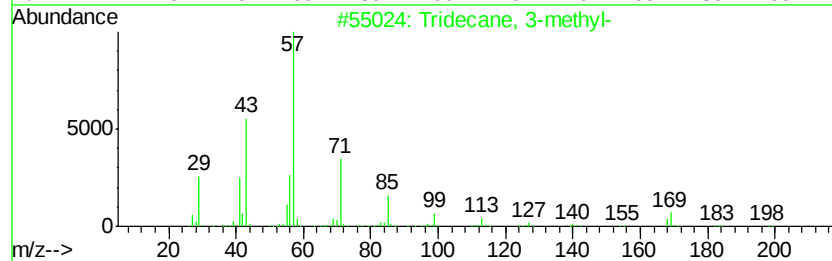
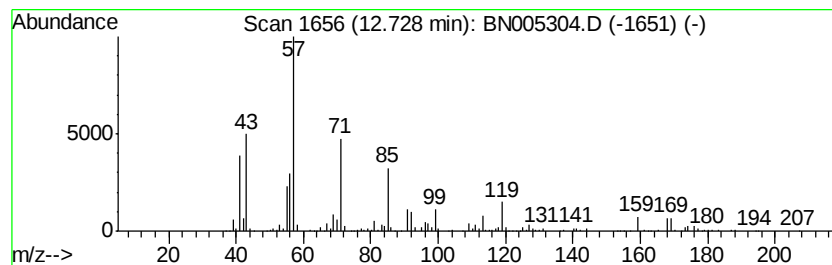
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.40 ng/ul	1391740	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
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Instrument :
BNA_N
ClientSampleId :
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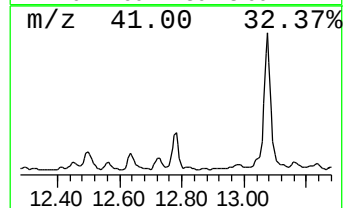
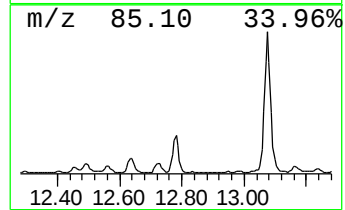
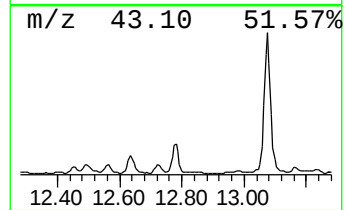
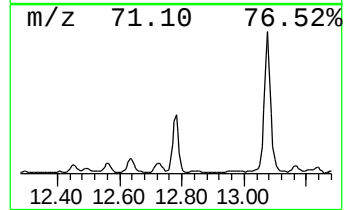
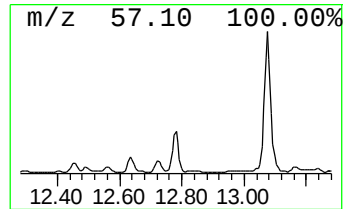
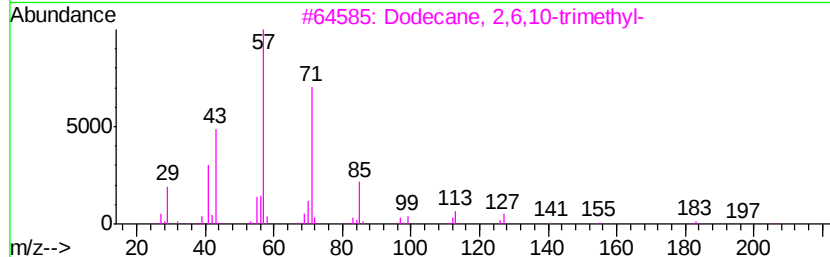
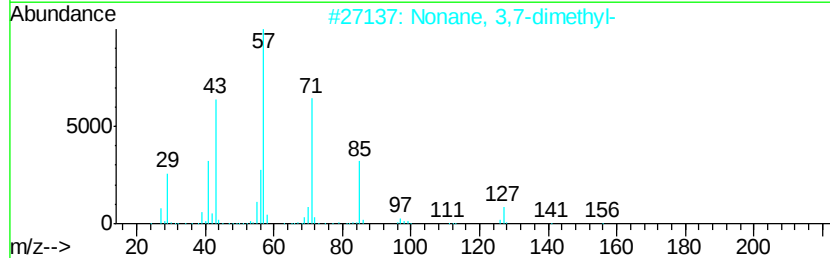
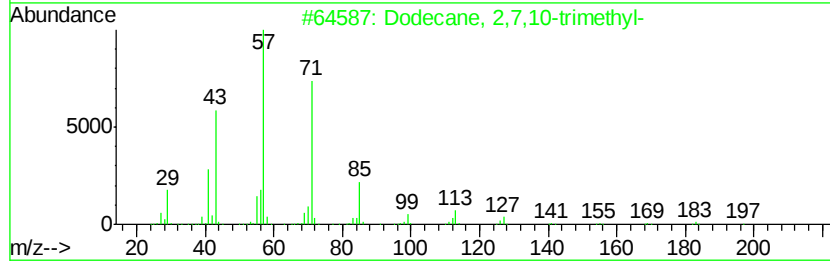
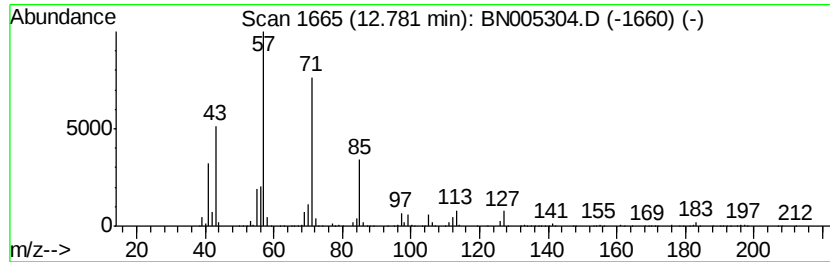
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	8.71 ng/ul	3564670	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

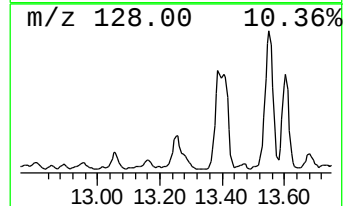
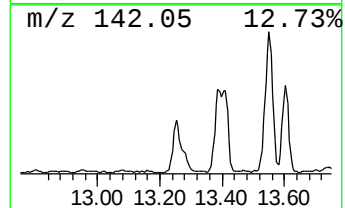
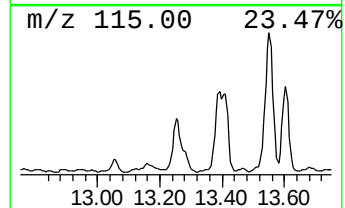
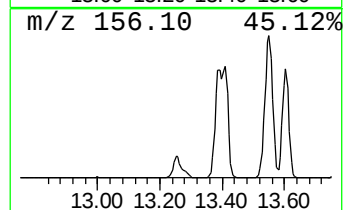
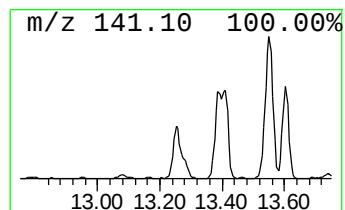
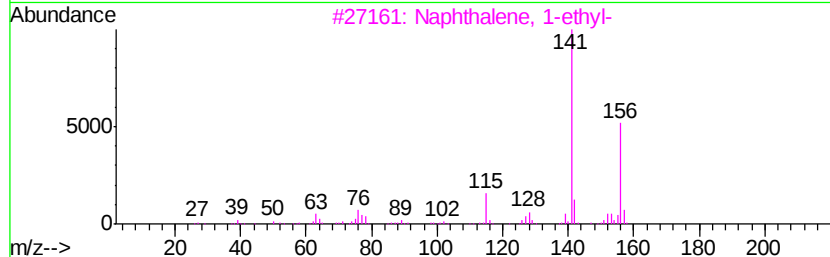
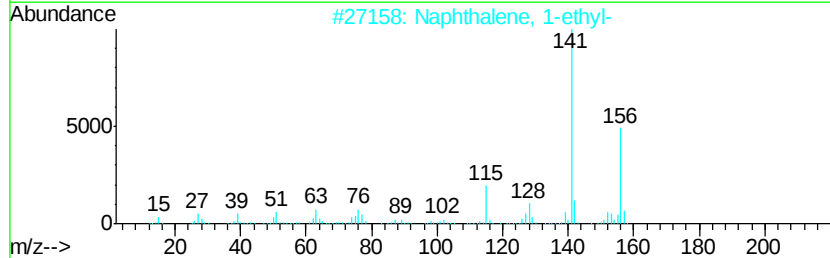
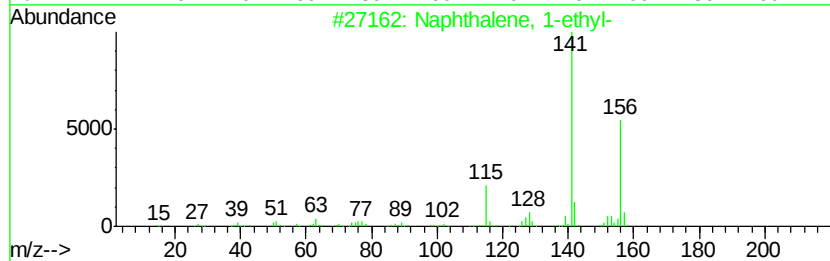
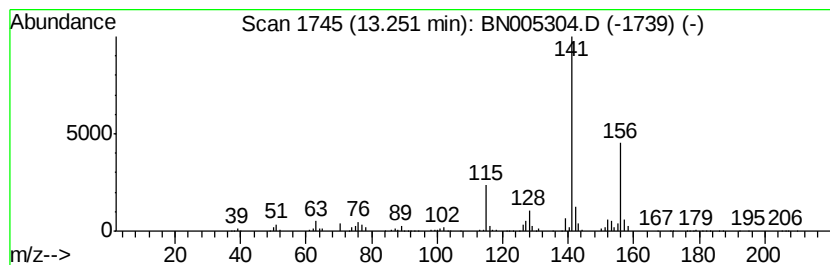
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.08 ng/ul	2489360	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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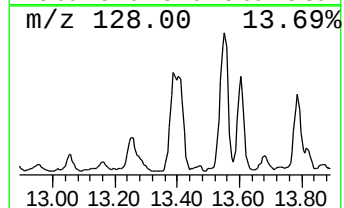
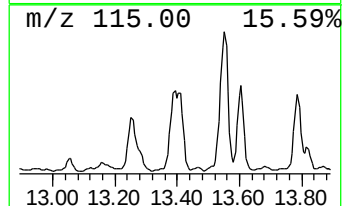
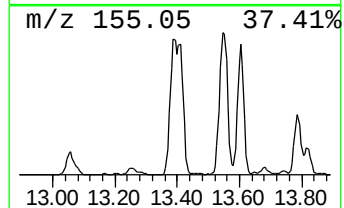
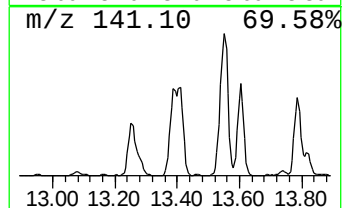
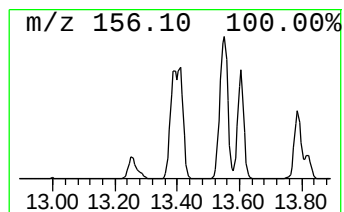
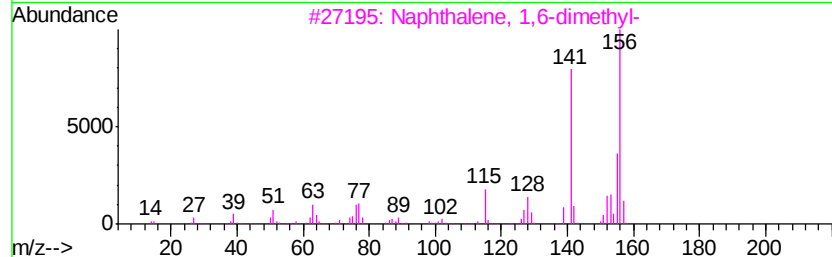
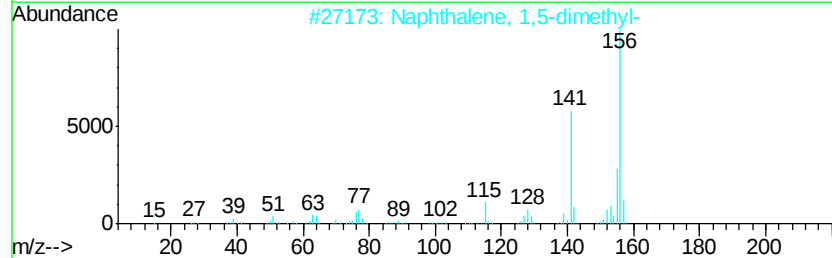
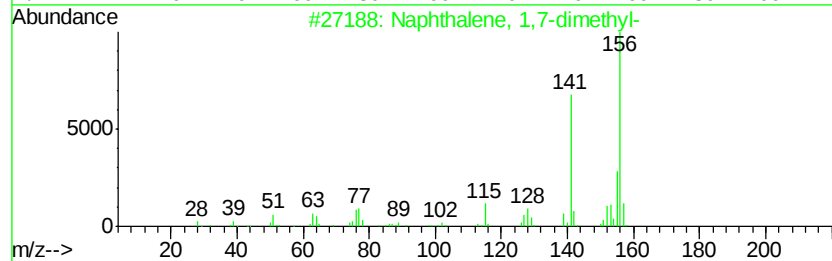
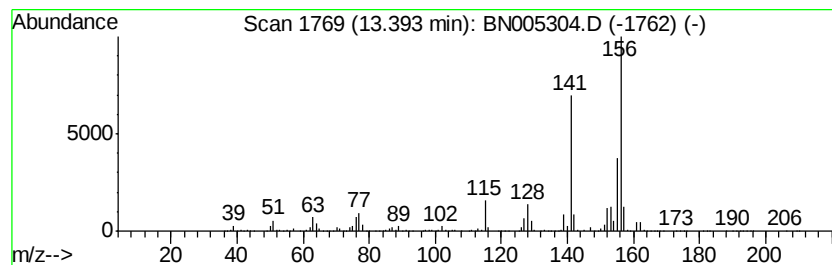
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	19.51 ng/ul	7981150	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
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Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

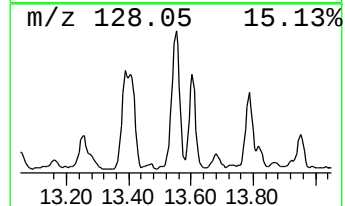
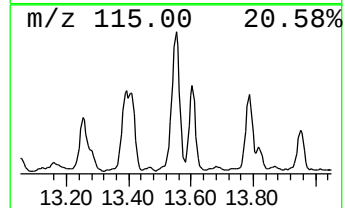
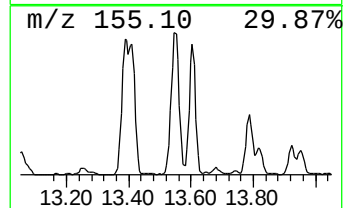
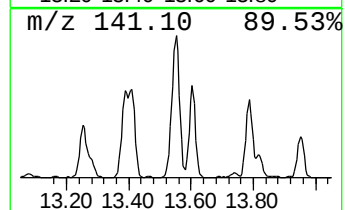
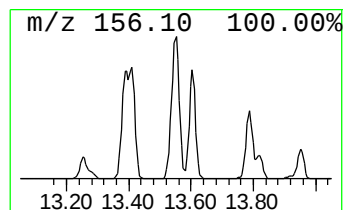
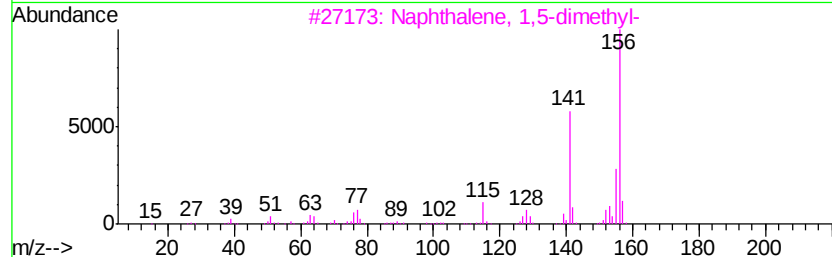
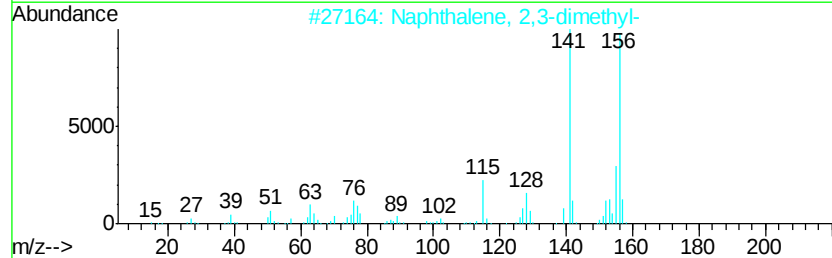
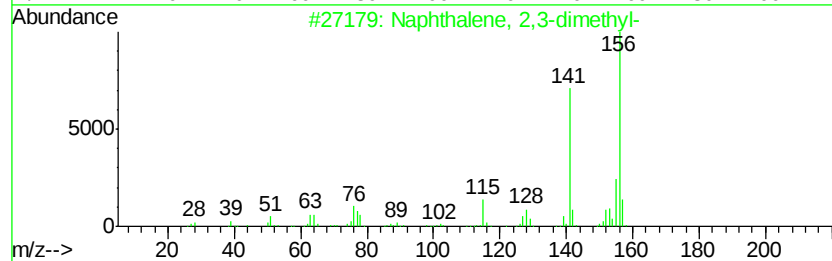
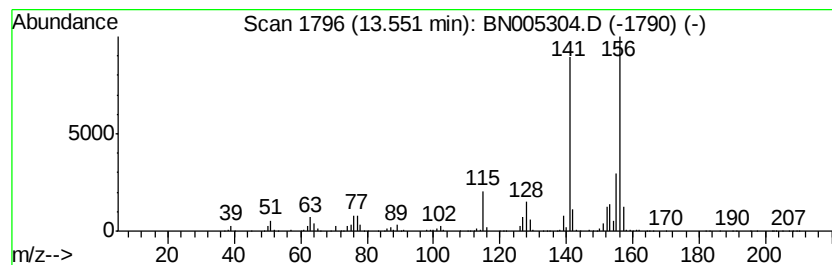
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	28.27 ng/ul	11566700	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Instrument :
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ClientSampleId :
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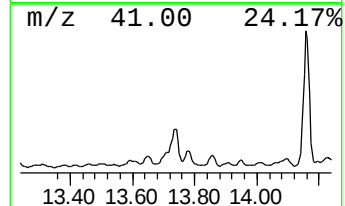
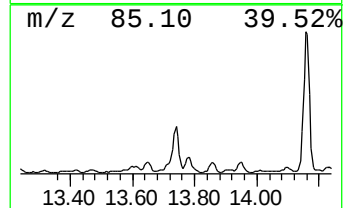
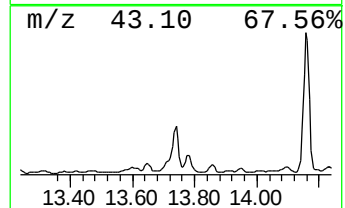
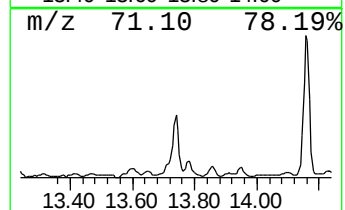
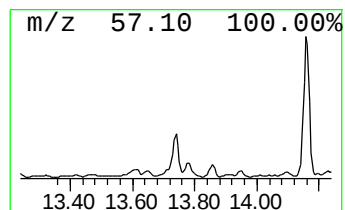
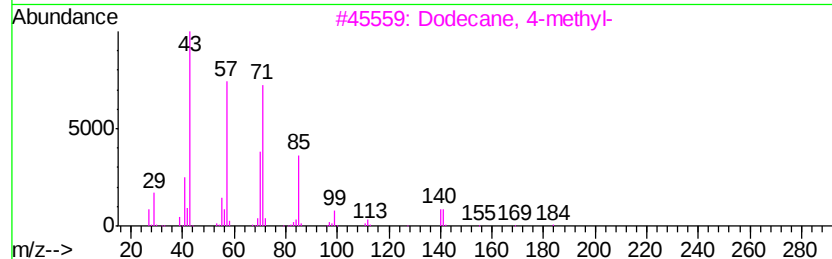
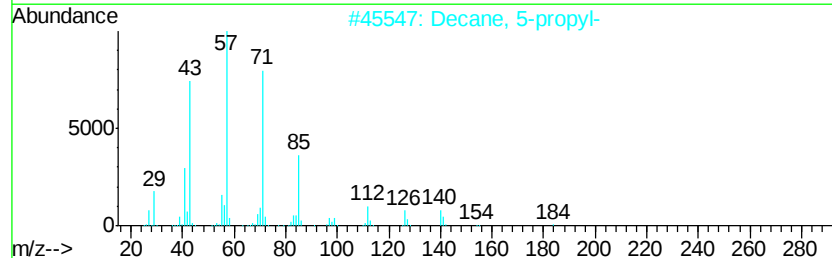
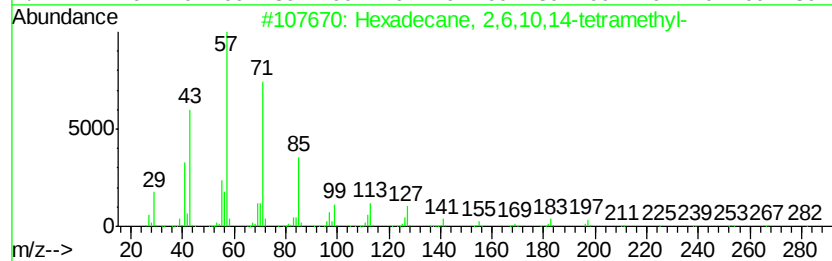
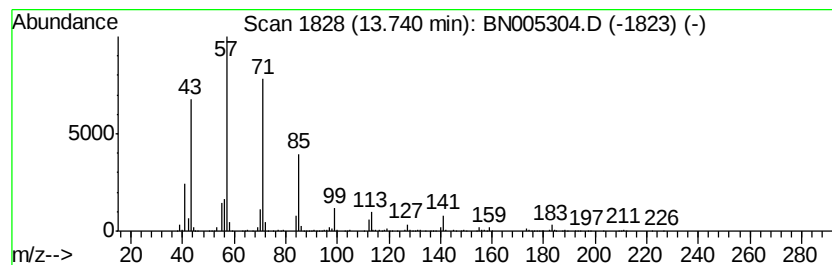
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	10.47 ng/ul	4283720	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Decane, 5-propyl-	184	C13H28	017312-62-8	87
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

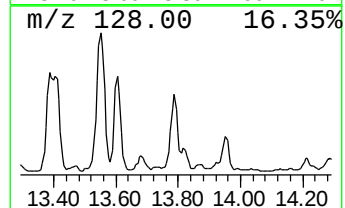
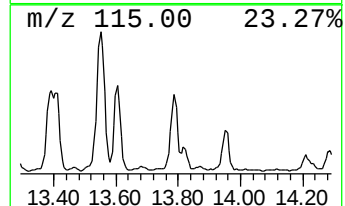
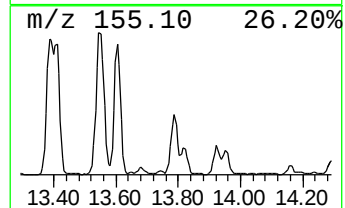
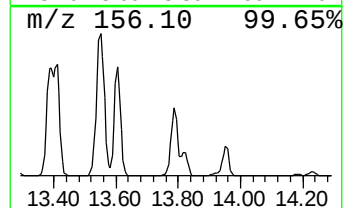
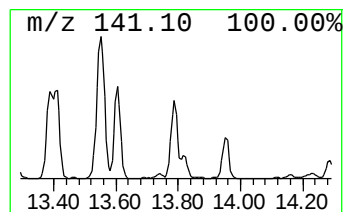
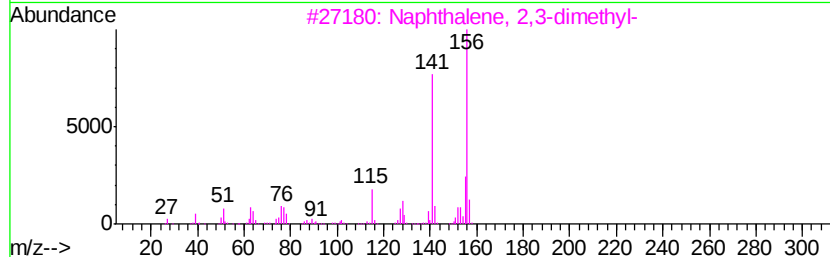
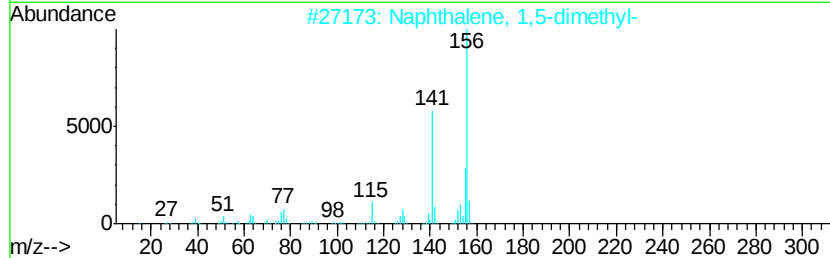
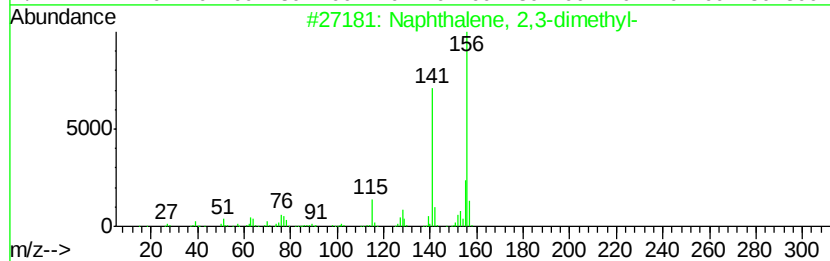
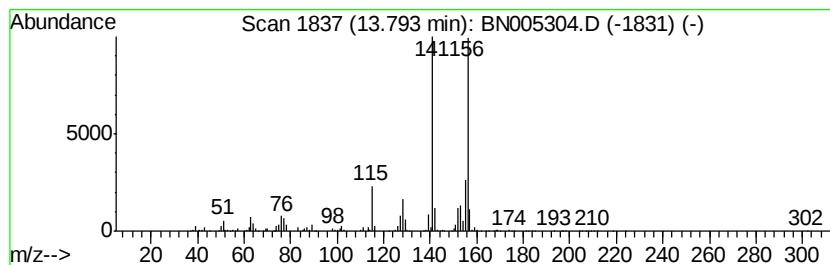
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	13.36 ng/ul	5467690	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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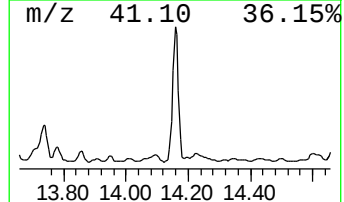
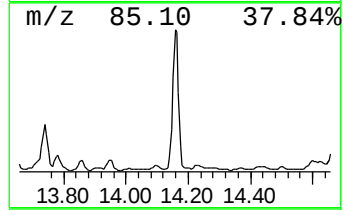
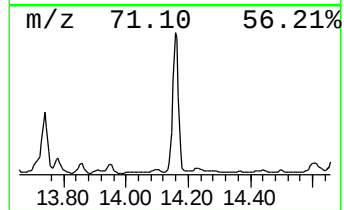
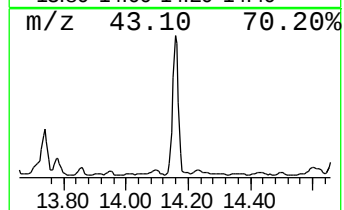
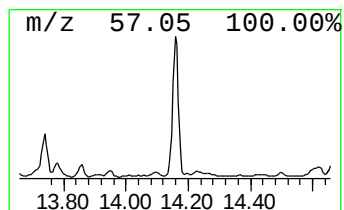
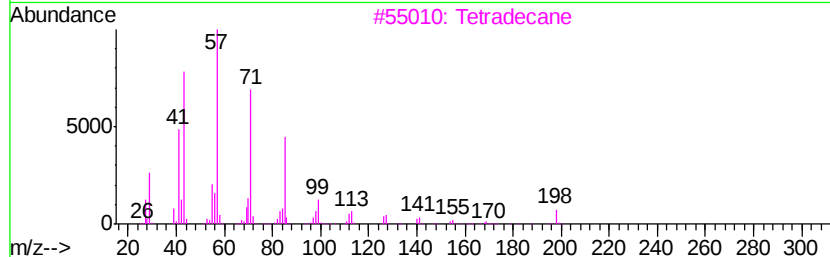
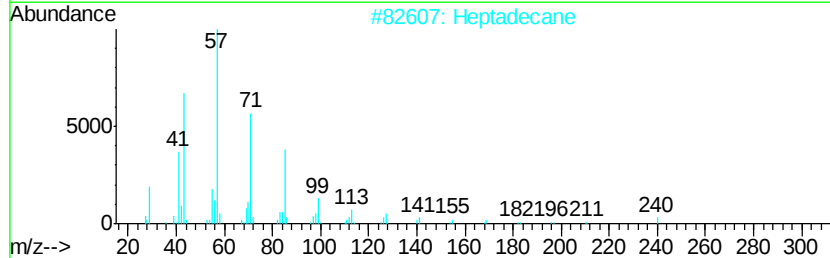
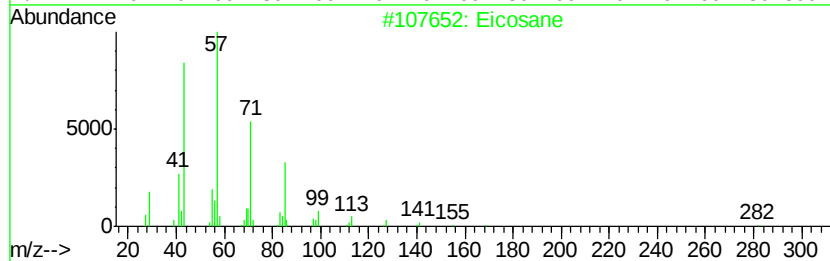
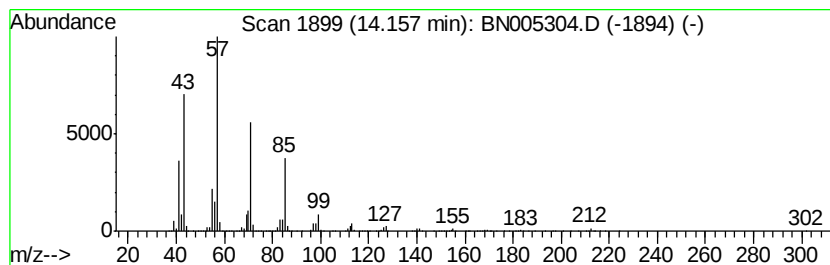
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	32.41 ng/ul	13261500	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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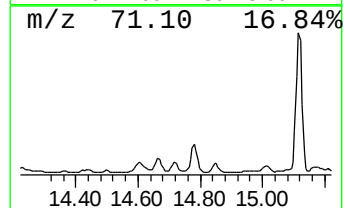
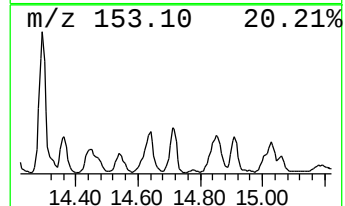
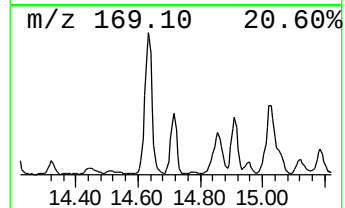
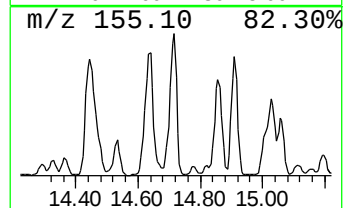
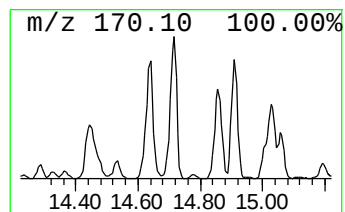
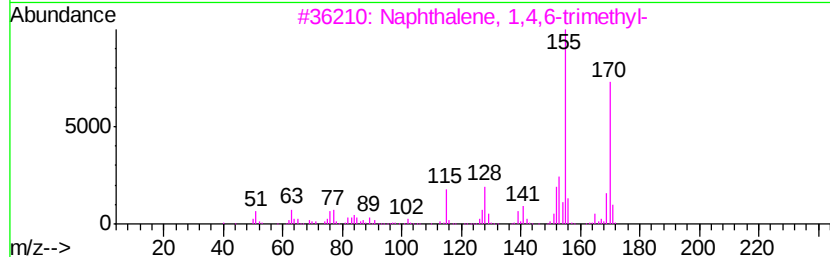
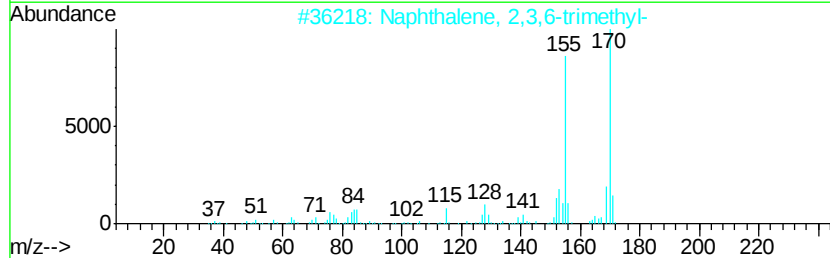
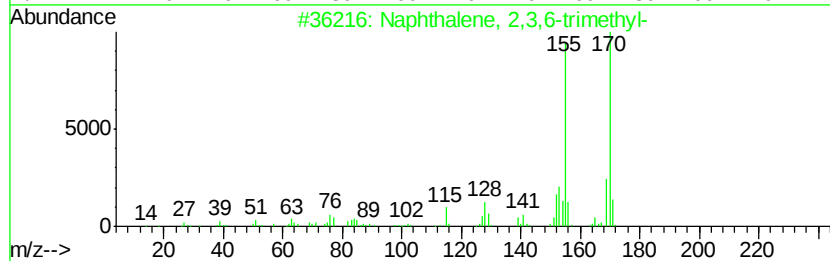
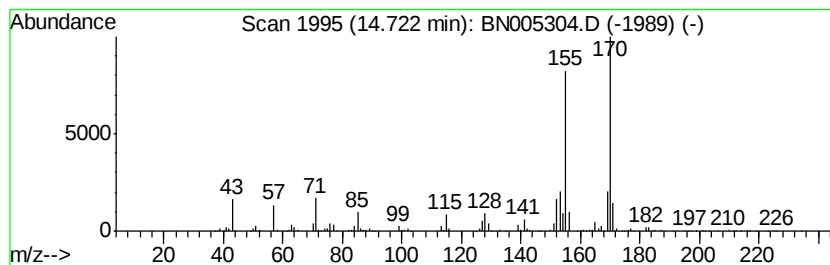
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	8.57 ng/ul	3508250	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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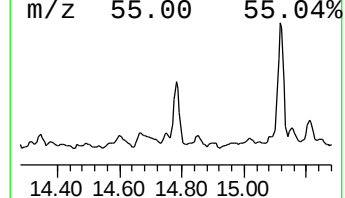
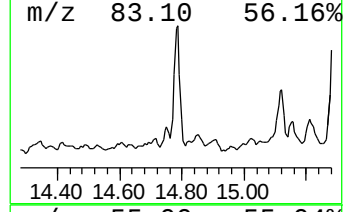
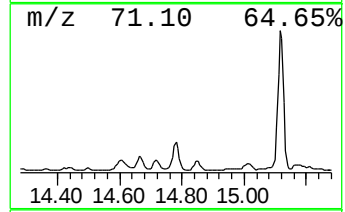
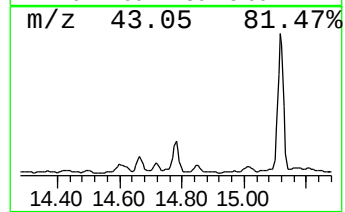
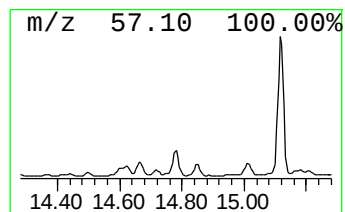
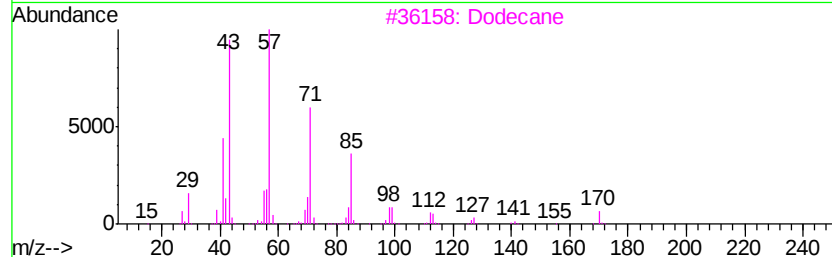
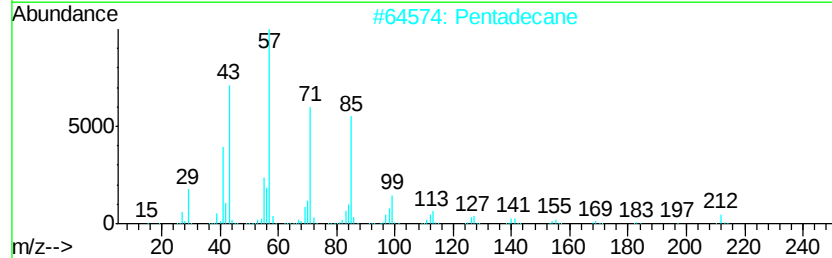
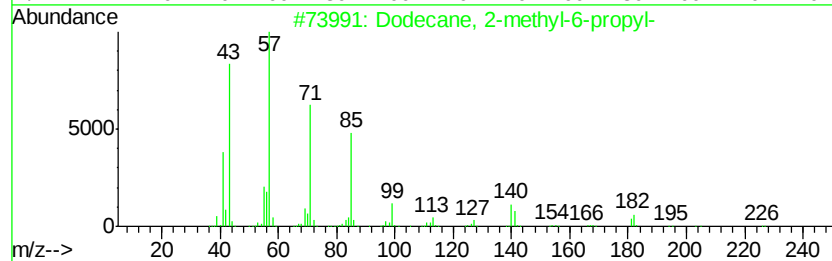
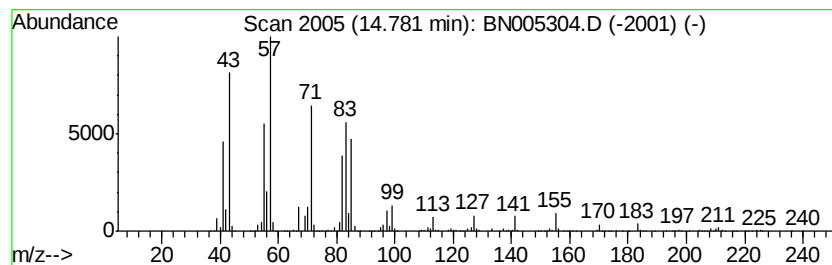
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	9.11 ng/ul	3727460	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	55
2			Pentadecane	212	C15H32	000629-62-9	55
3			Dodecane	170	C12H26	000112-40-3	55
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	50
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
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Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

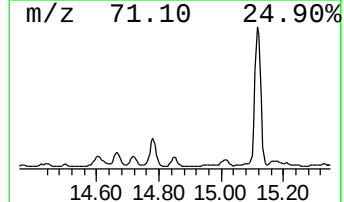
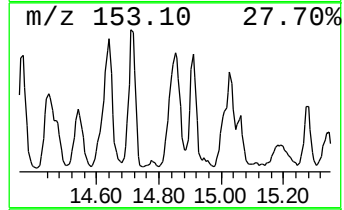
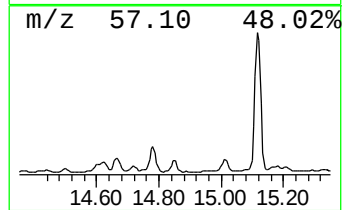
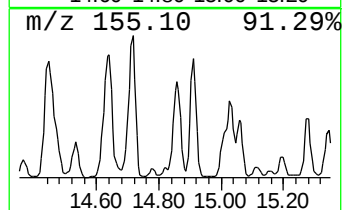
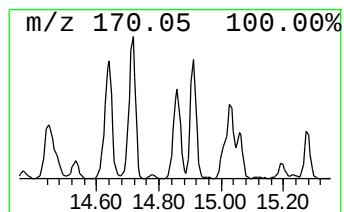
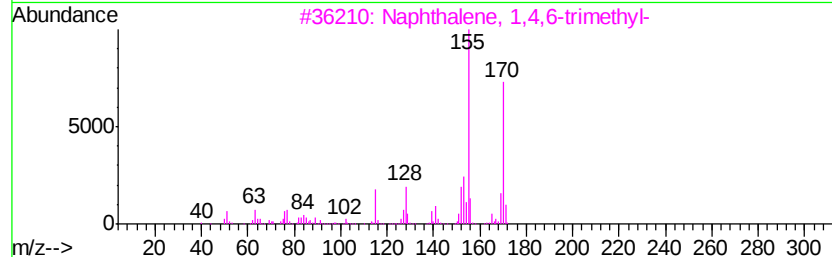
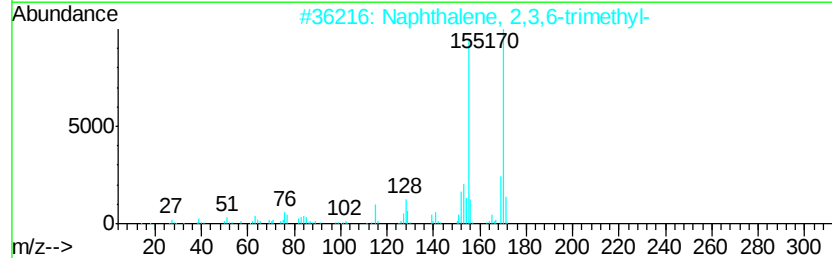
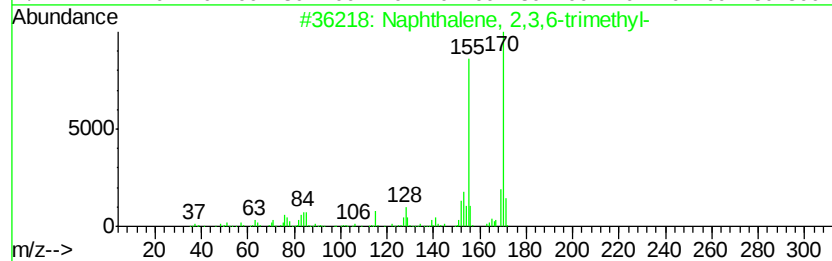
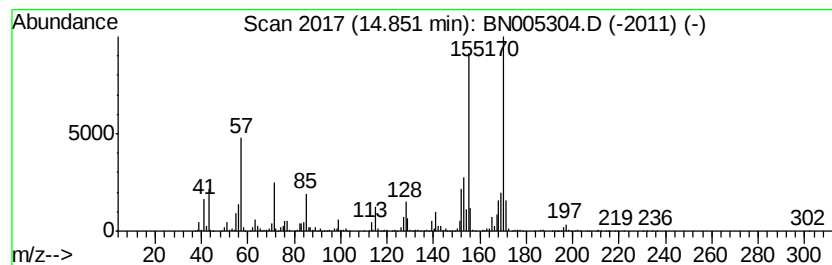
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.85	9.85 ng/ul	4029850	Acenaphthene-d10		14.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

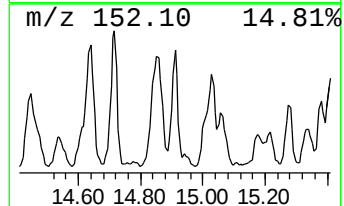
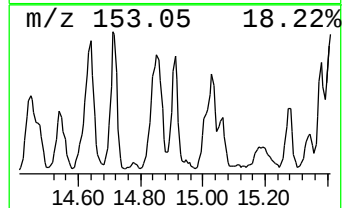
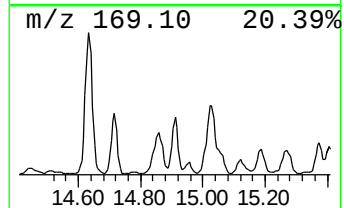
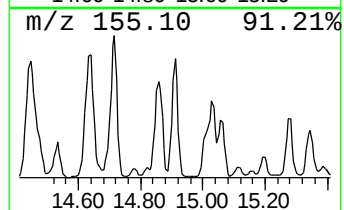
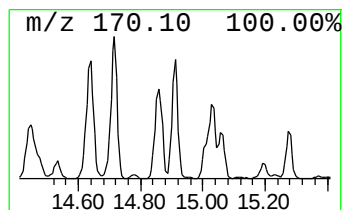
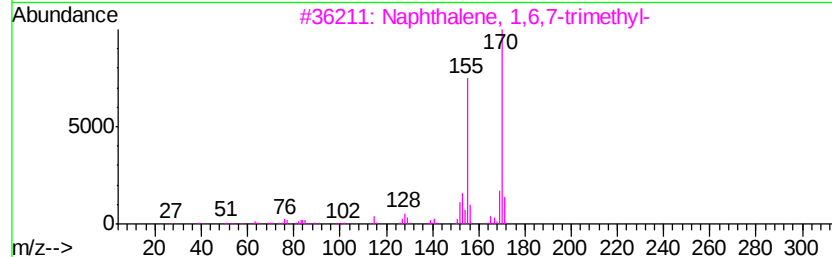
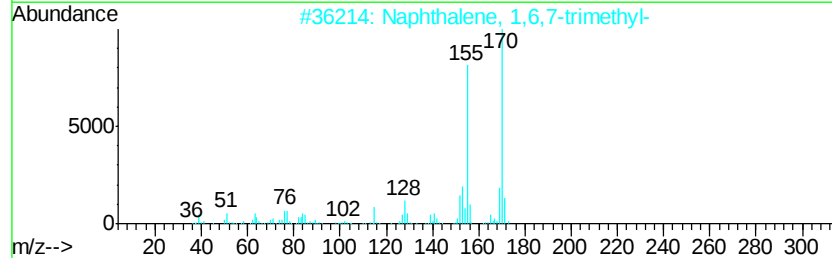
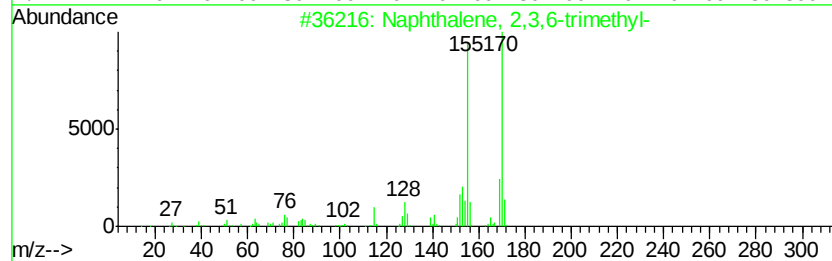
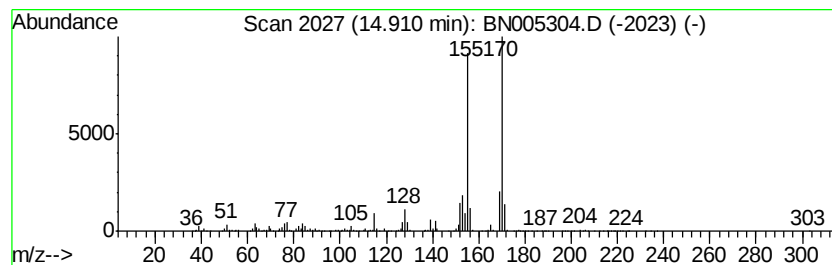
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	6.97 ng/ul	2853540	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 98
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 97
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 97
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 97
5		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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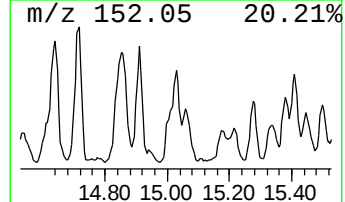
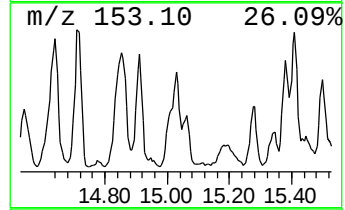
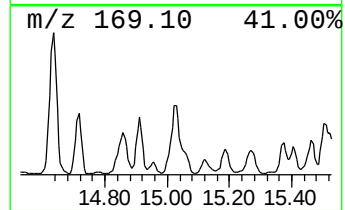
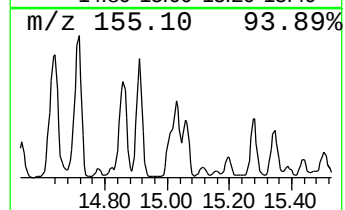
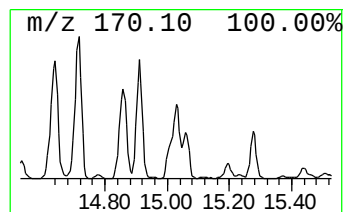
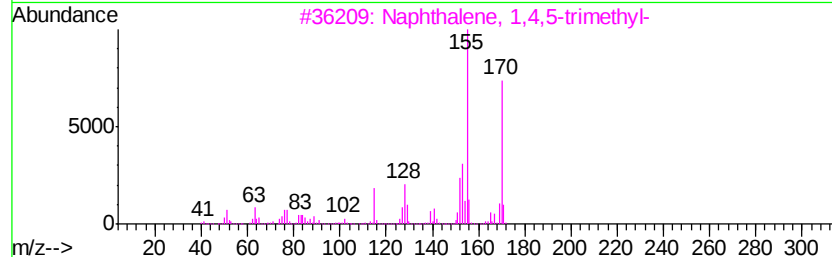
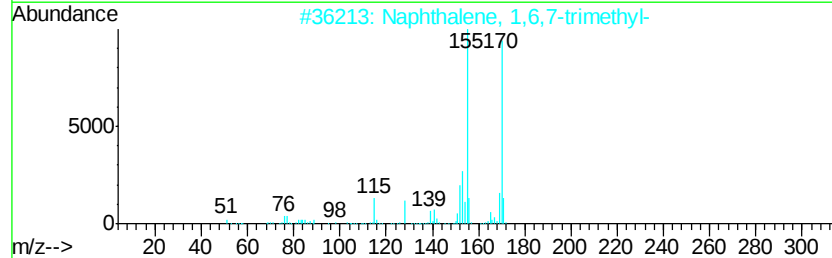
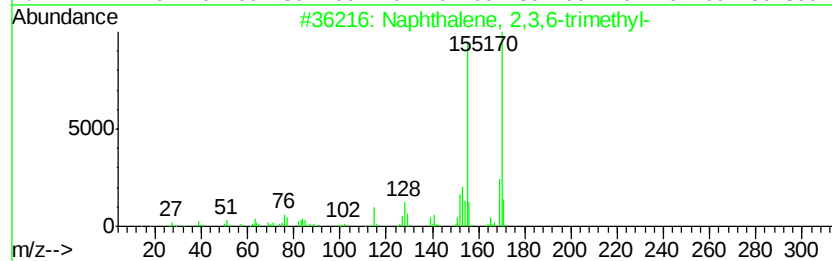
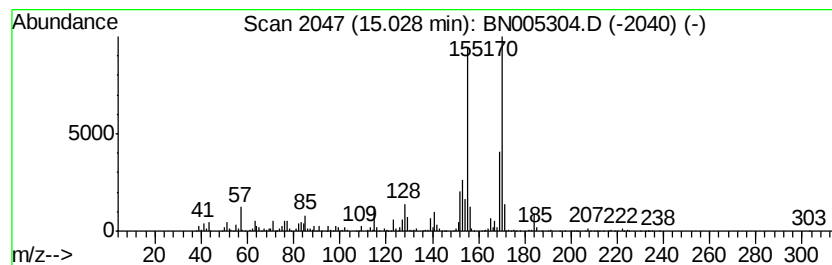
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 1,4,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	8.98 ng/ul	3675900	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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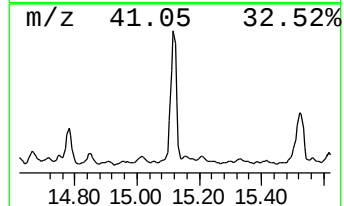
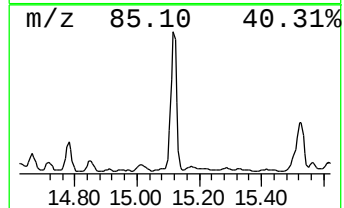
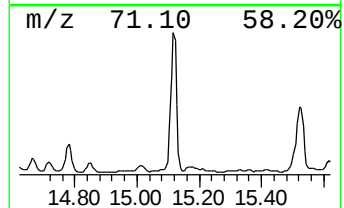
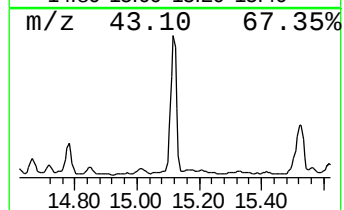
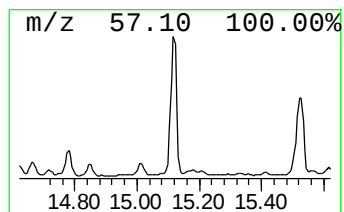
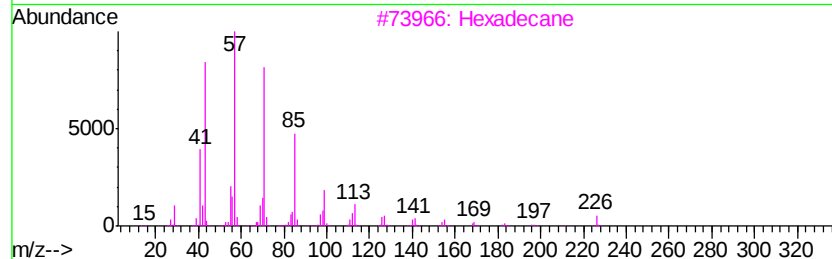
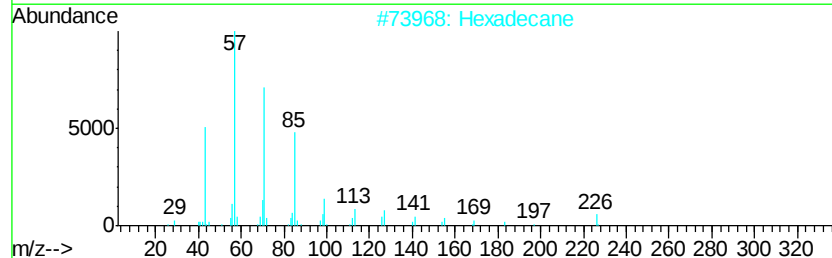
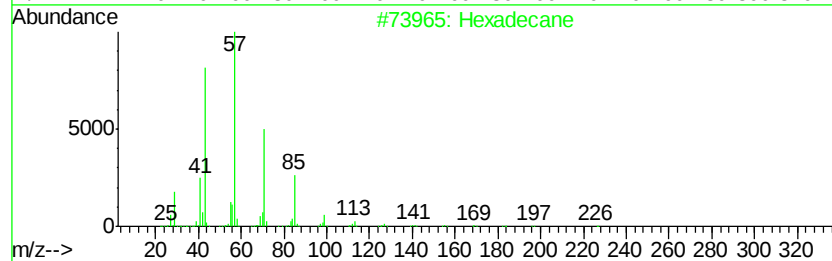
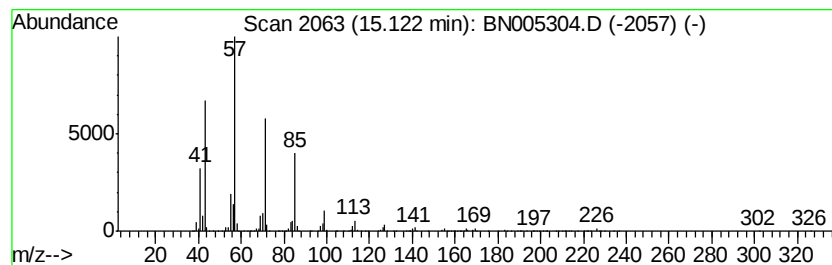
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	29.94 ng/ul	12248400	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Hexadecane	226	C16H34	000544-76-3	93
4		5-Ethyldecane	170	C12H26	017302-36-2	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



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ClientSampleId :
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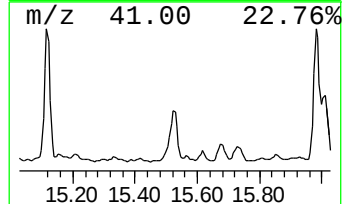
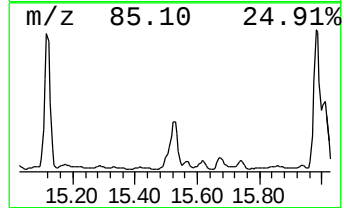
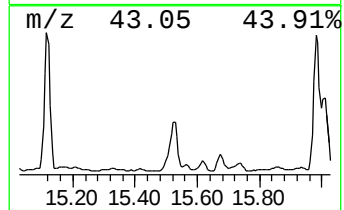
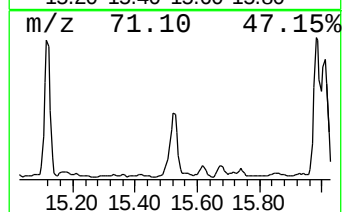
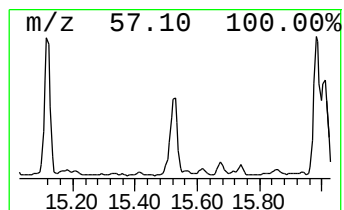
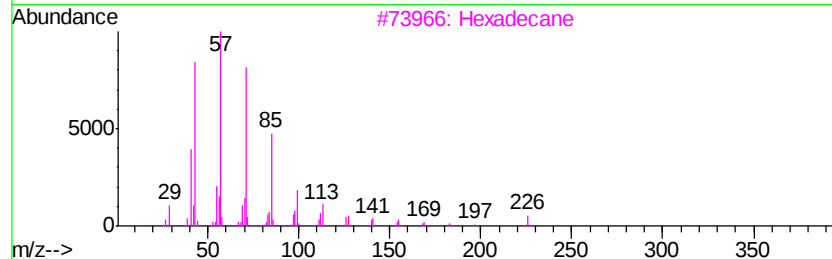
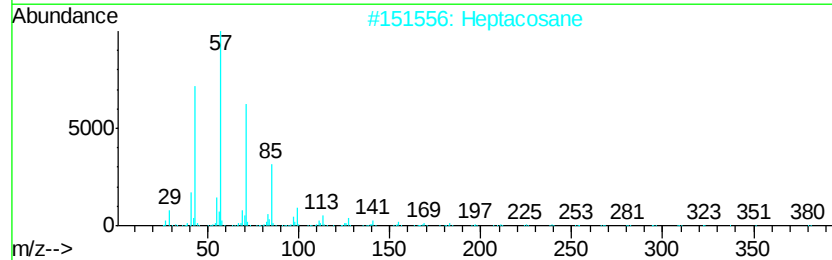
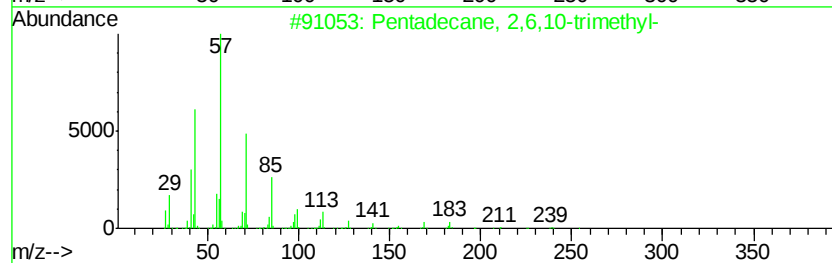
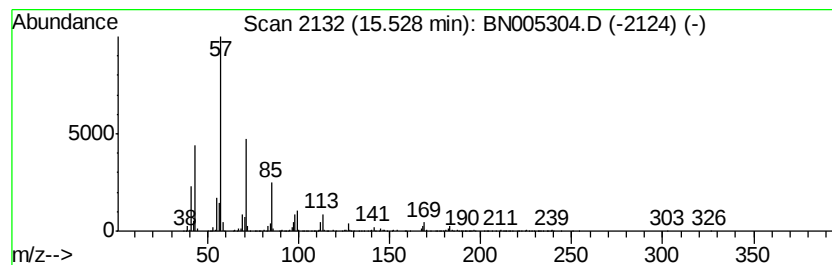
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	19.43 ng/ul	7950190	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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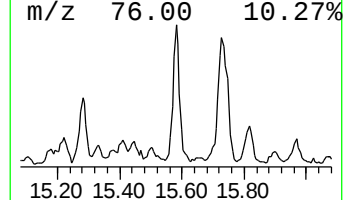
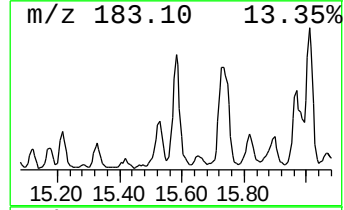
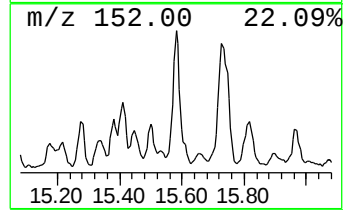
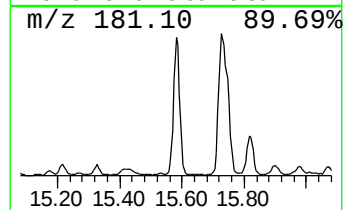
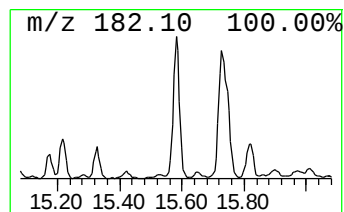
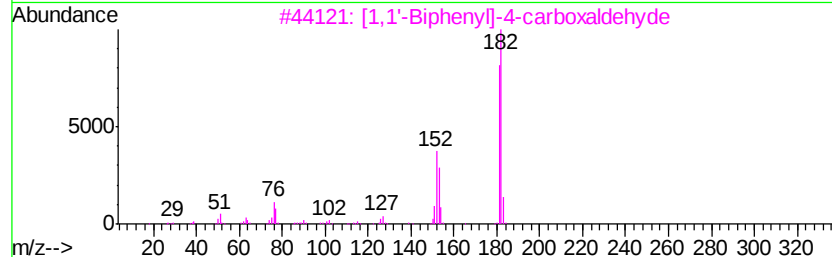
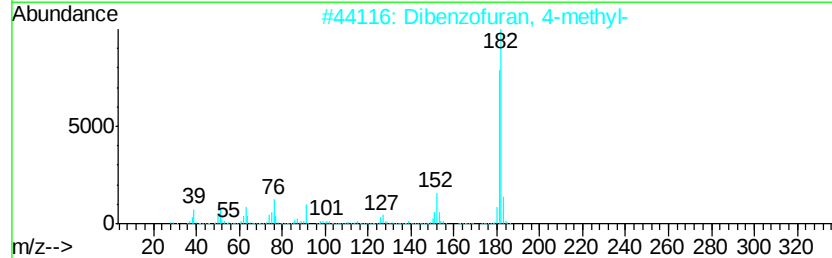
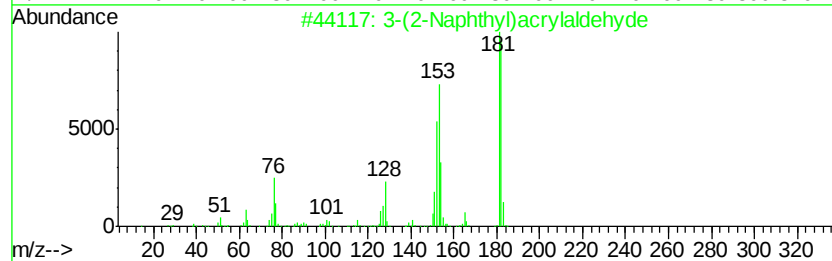
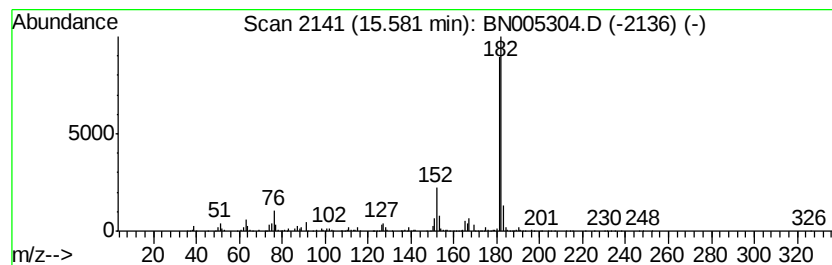
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 3-(2-Naphthyl)acrylaldehyde Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	7.66 ng/ul	3134230	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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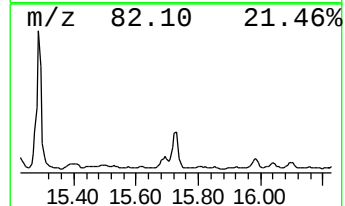
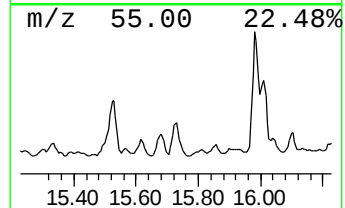
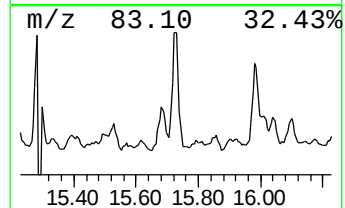
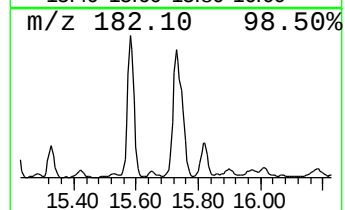
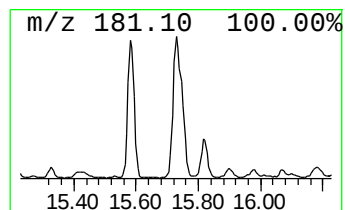
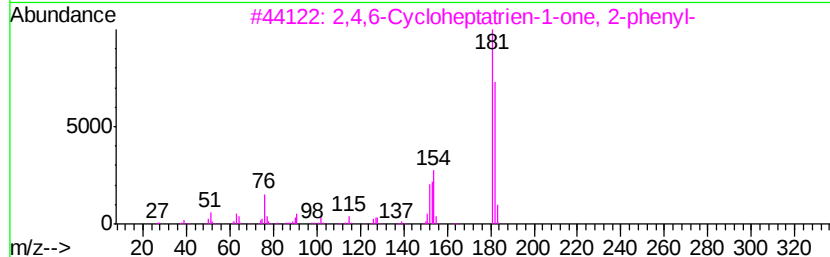
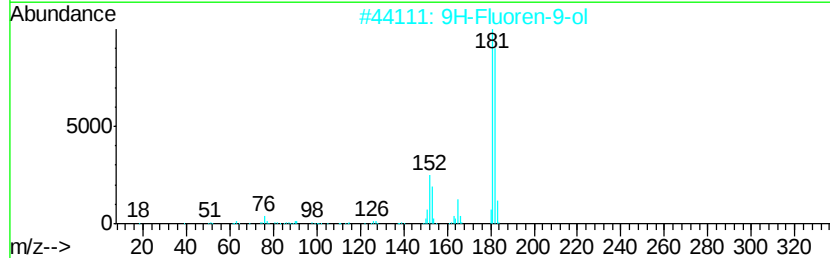
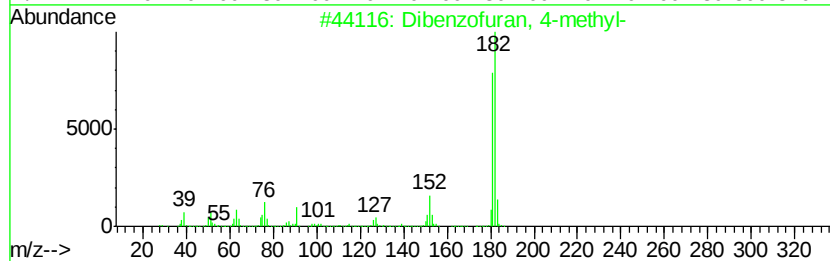
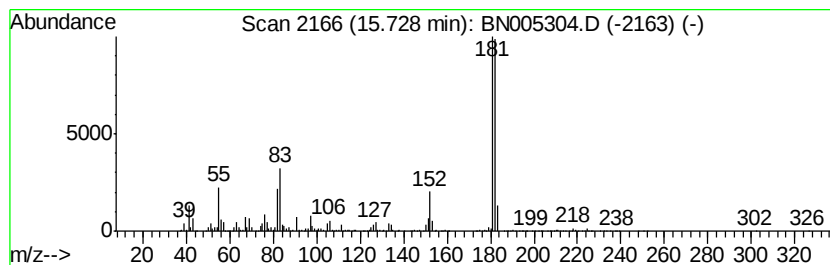
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	19.77 ng/ul	5867980	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
4		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	53
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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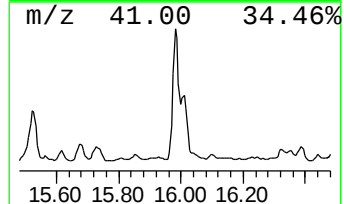
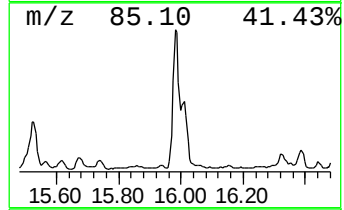
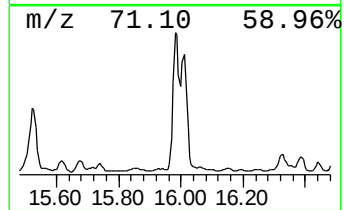
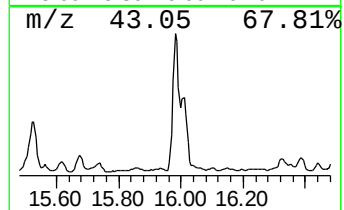
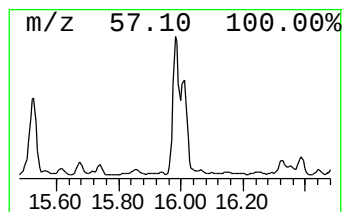
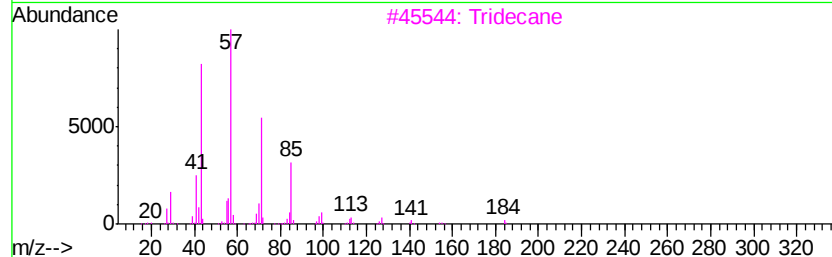
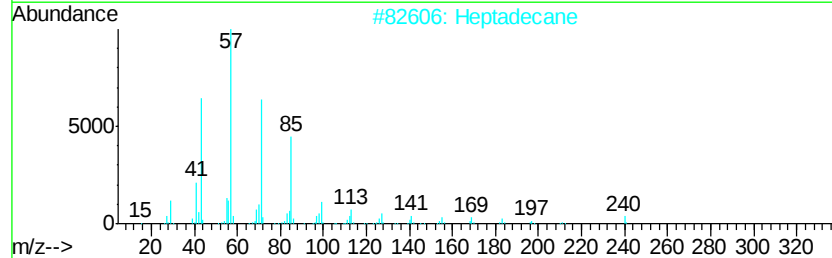
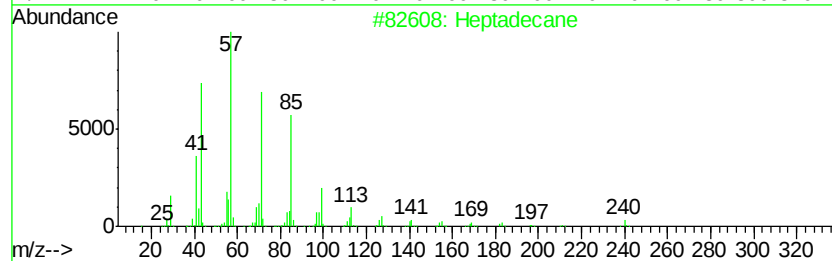
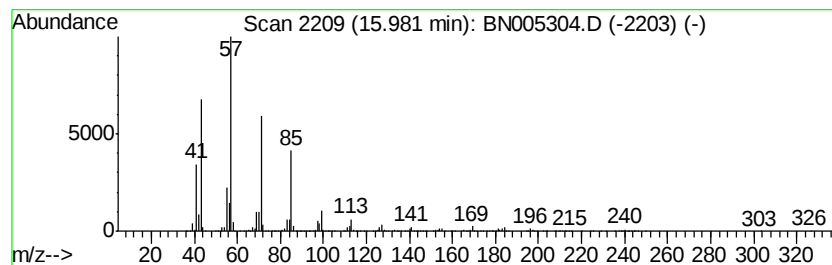
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	48.35 ng/ul	14351000	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heptadecane	240	C17H36	000629-78-7	94
3		Tridecane	184	C13H28	000629-50-5	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Misc :
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ClientSampleId :
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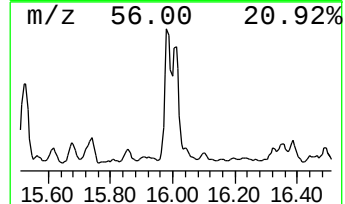
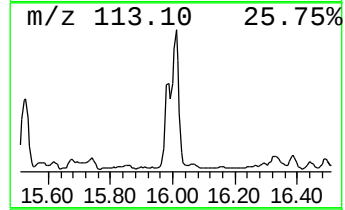
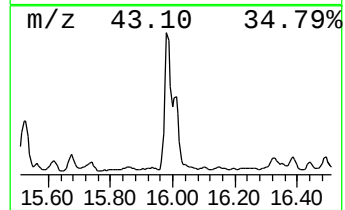
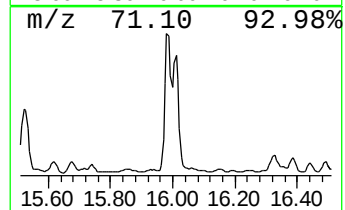
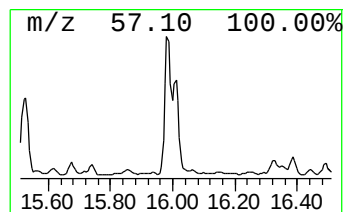
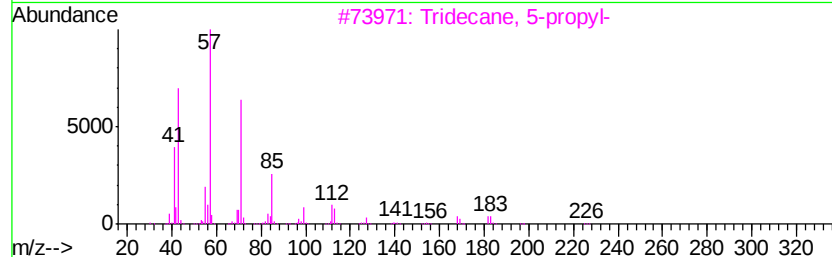
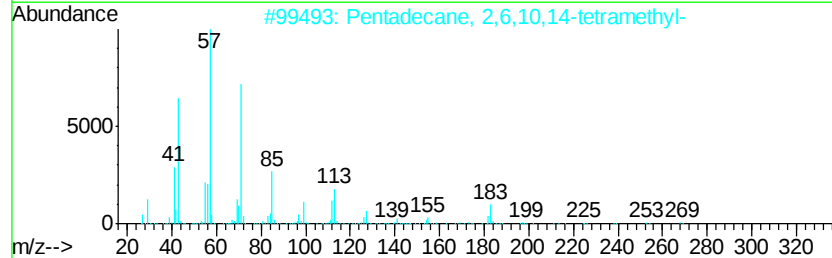
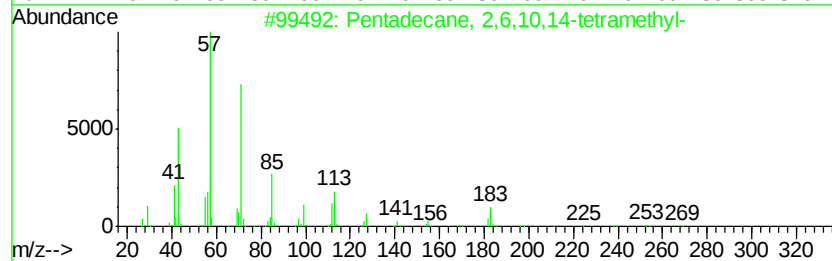
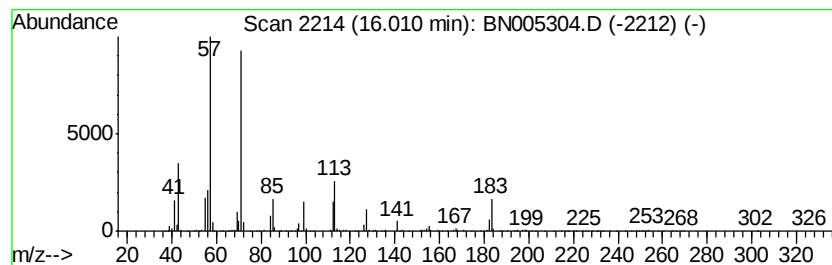
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	23.94 ng/ul	7106730	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5			Tetradecane	198	C14H30	000629-59-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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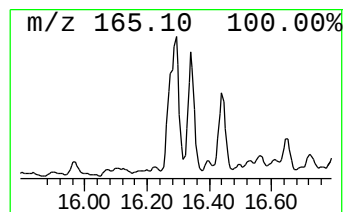
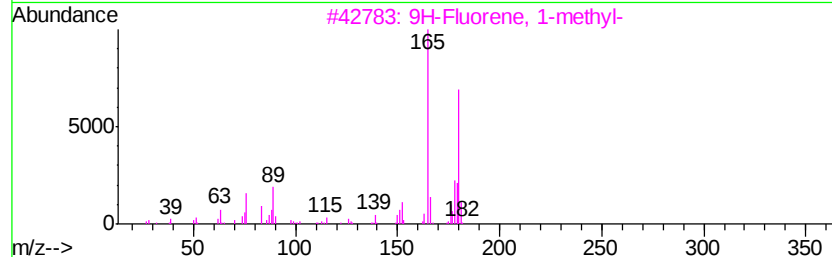
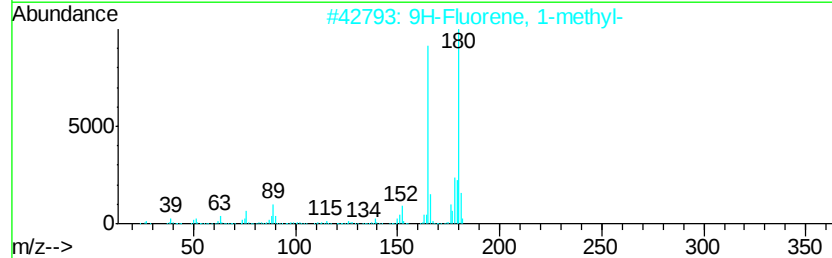
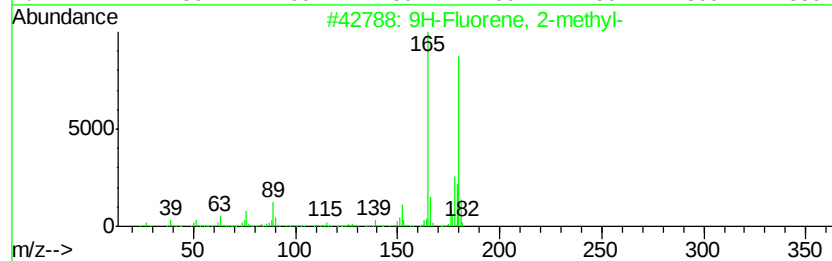
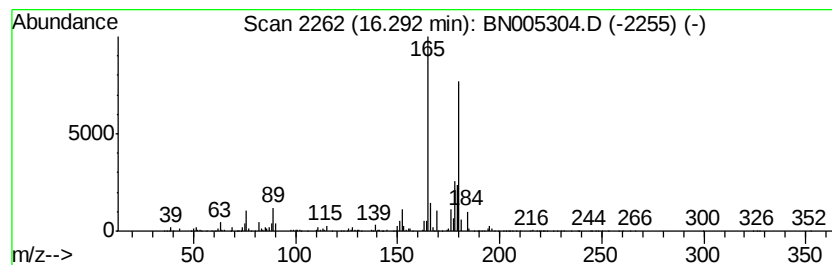
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 9H-Fluorene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	12.20 ng/ul	3620960	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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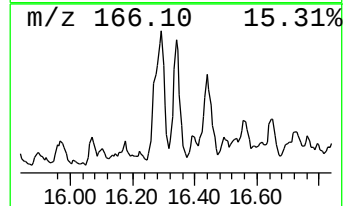
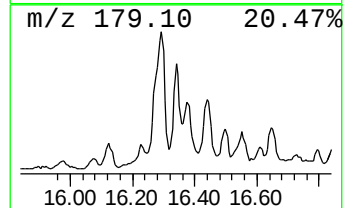
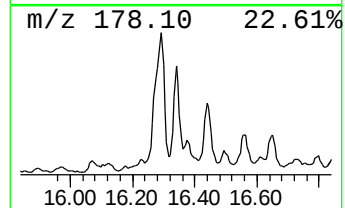
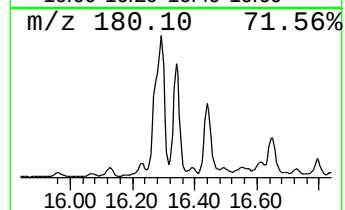
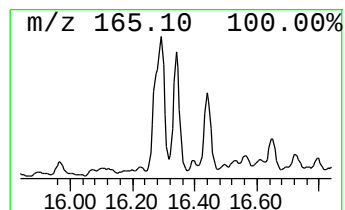
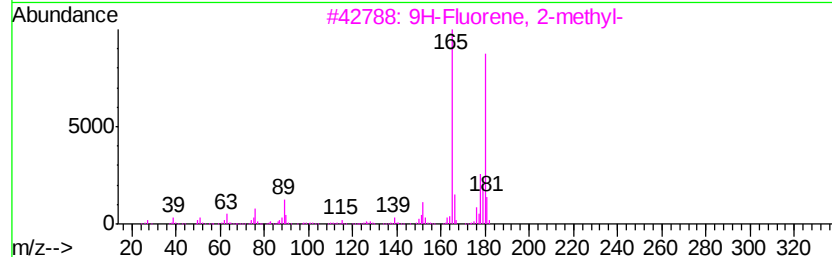
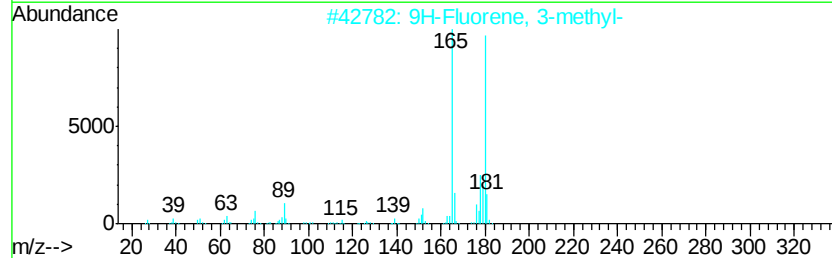
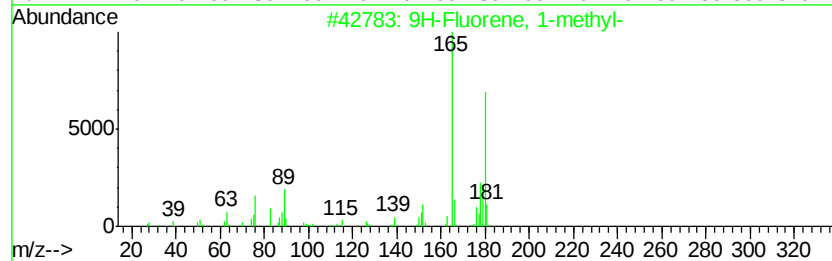
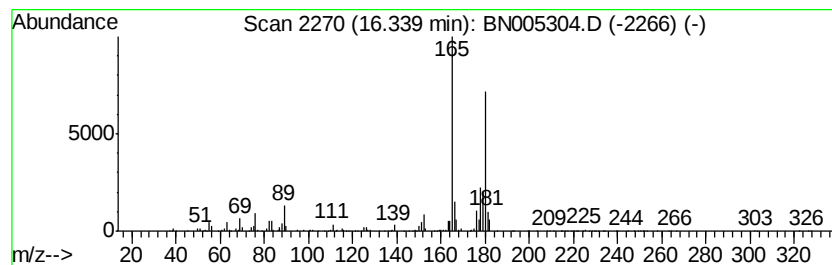
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 9H-Fluorene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	12.31 ng/ul	3652850	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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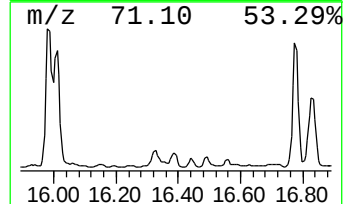
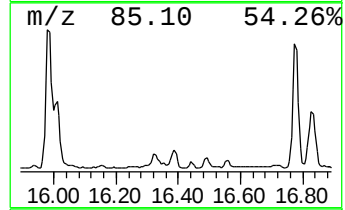
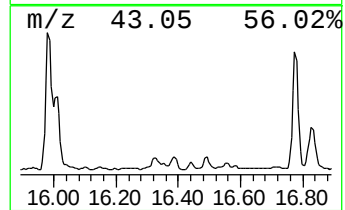
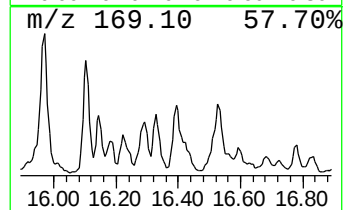
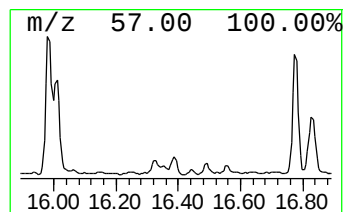
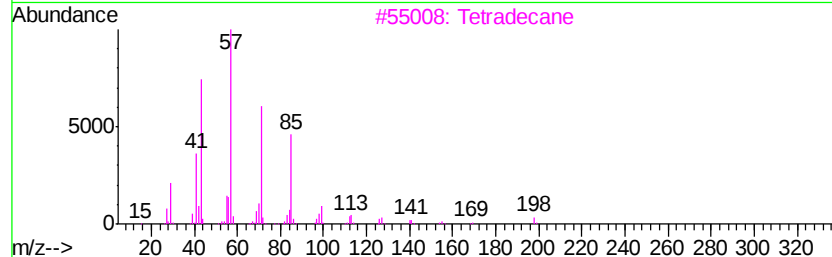
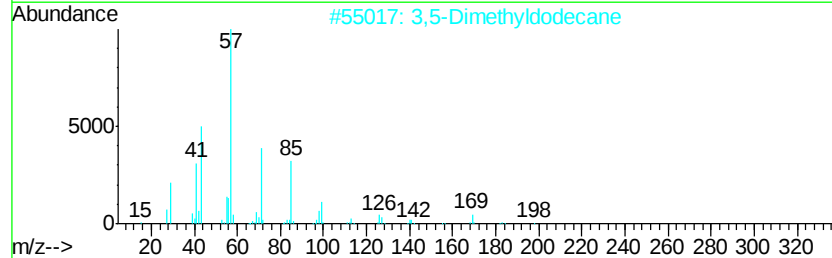
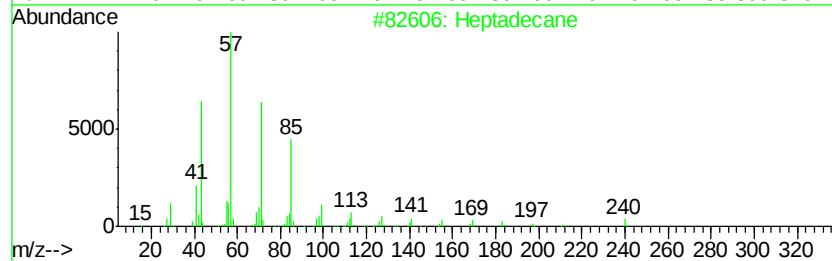
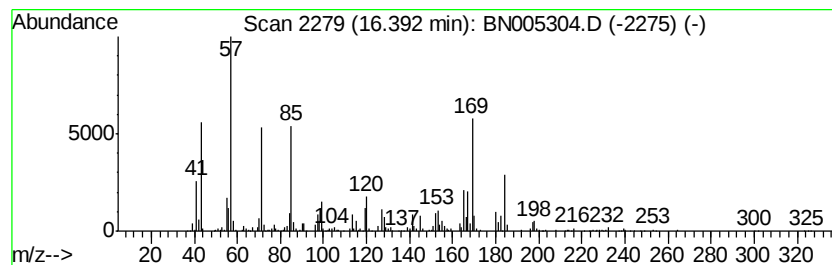
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	5.94 ng/ul	1763350	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	76
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
3			Tetradecane	198	C14H30	000629-59-4	68
4			Tridecane	184	C13H28	000629-50-5	64
5			Tridecane	184	C13H28	000629-50-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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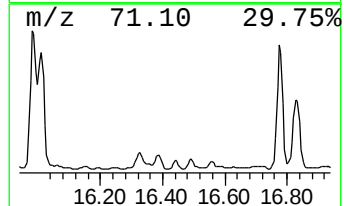
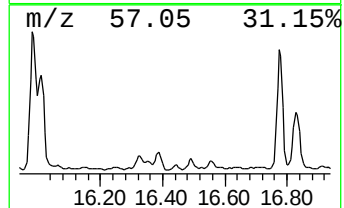
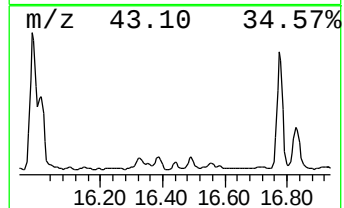
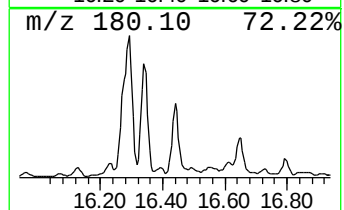
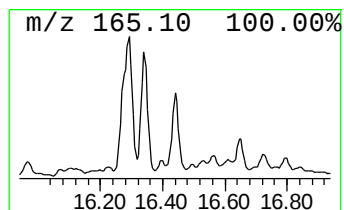
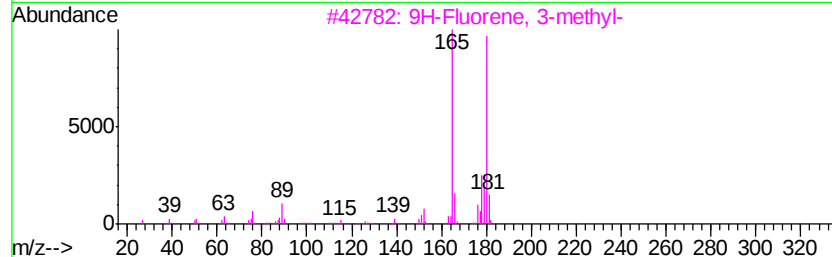
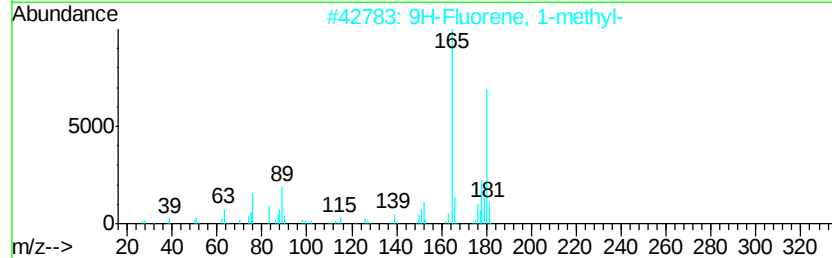
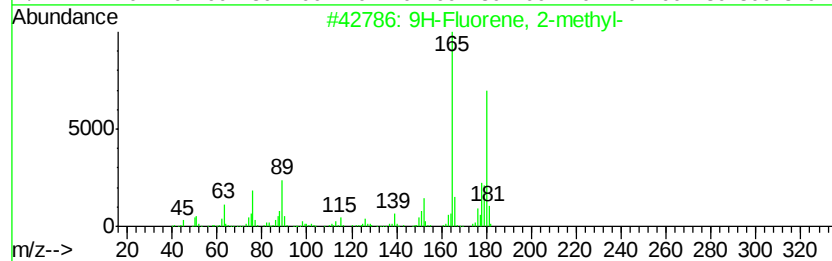
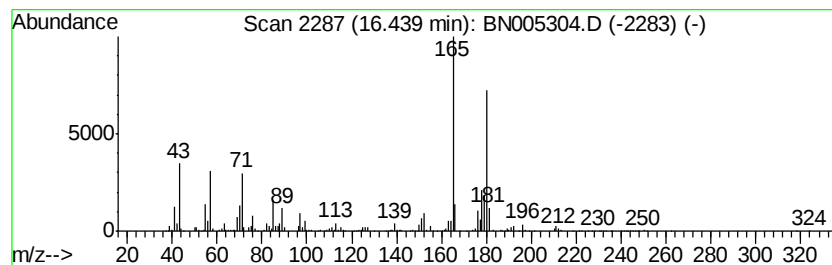
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 9H-Fluorene, 3-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.36 ng/ul	1886800	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

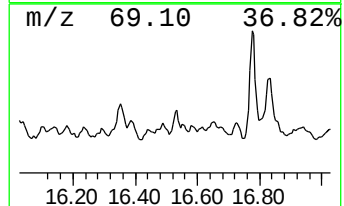
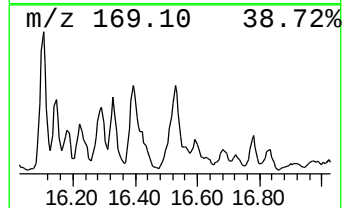
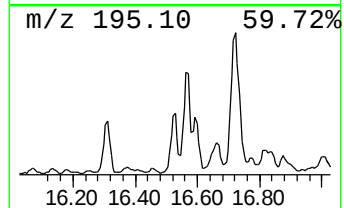
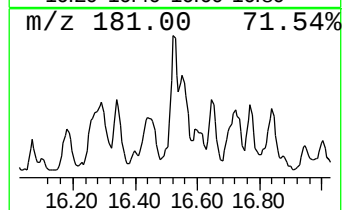
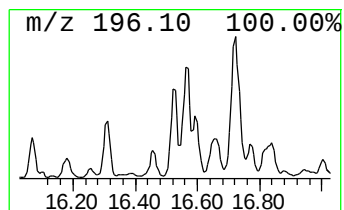
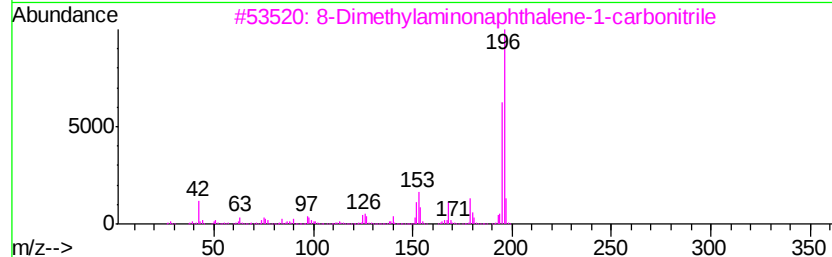
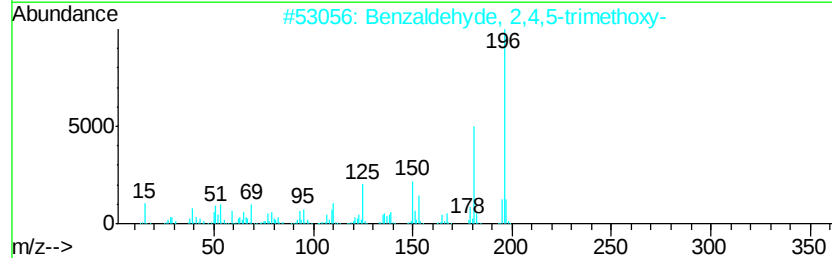
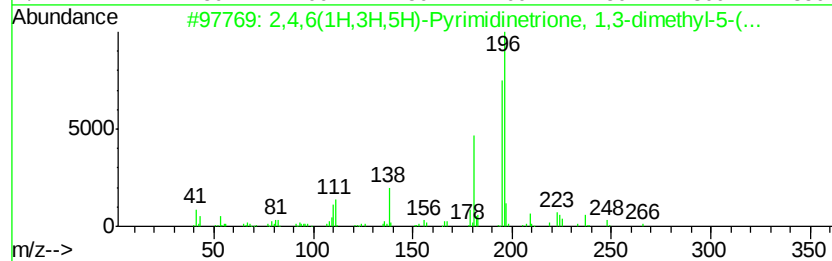
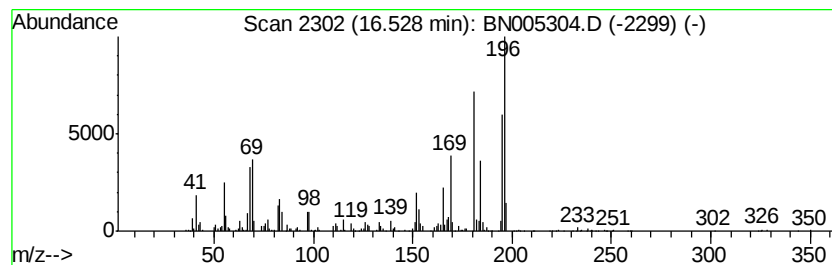
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 unknown-03 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.53	4.53 ng/ul	1345170	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6(1H,3H,5H)-Pyrimidinetrione...	266	C14H22N2O3	028239-49-8	47	
2	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	43	
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	43	
4	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	43	
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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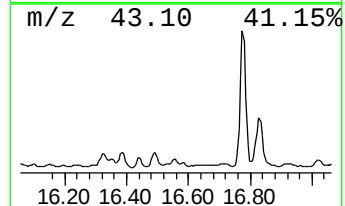
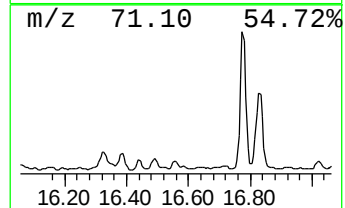
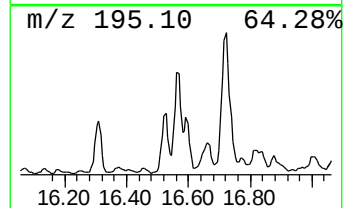
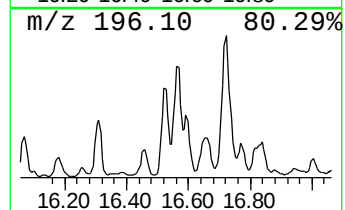
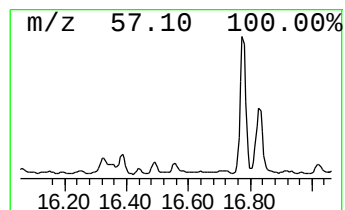
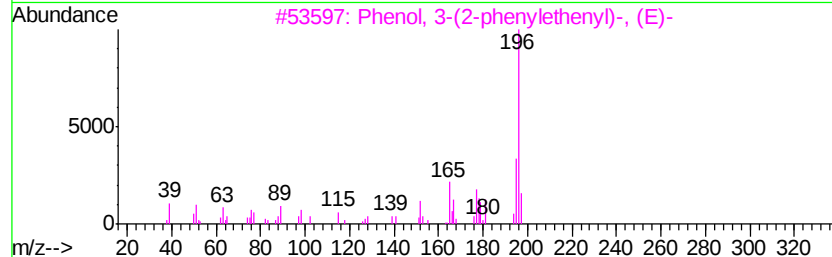
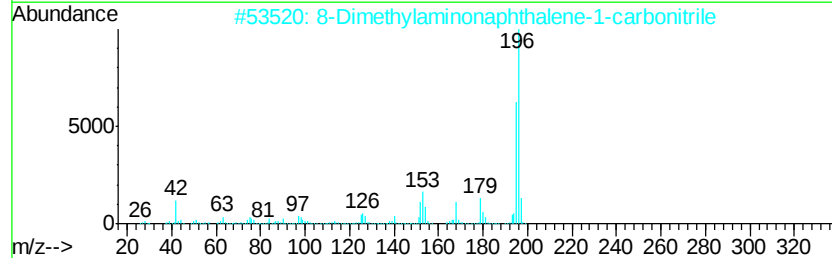
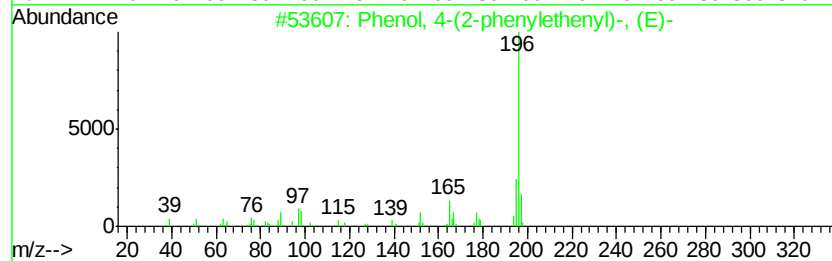
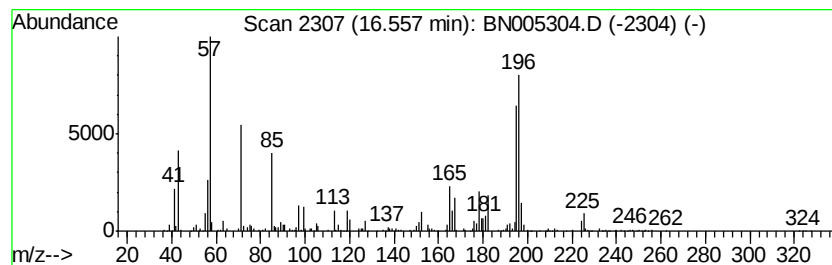
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Phenol, 4-(2-phenylethenyl)... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	10.18 ng/ul	3022840	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	55
2		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
3		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4		5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
5		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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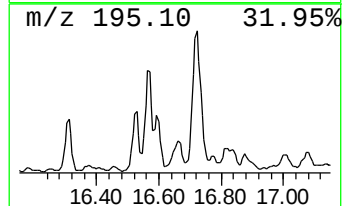
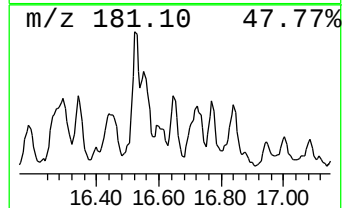
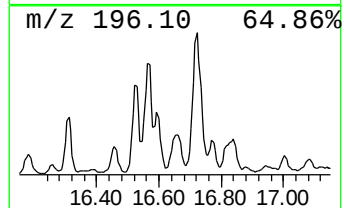
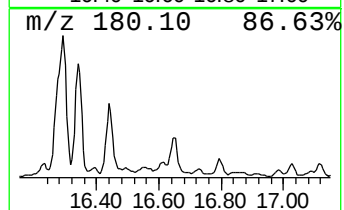
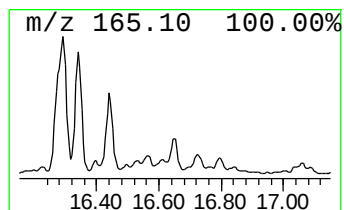
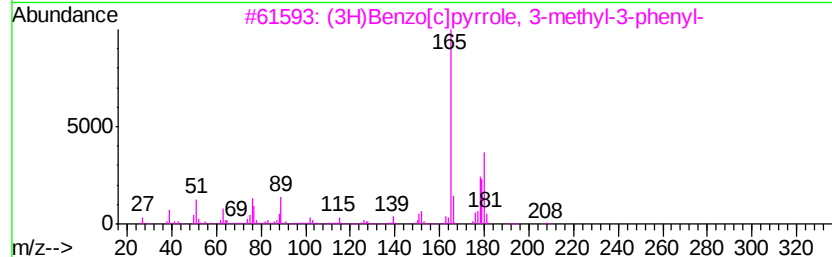
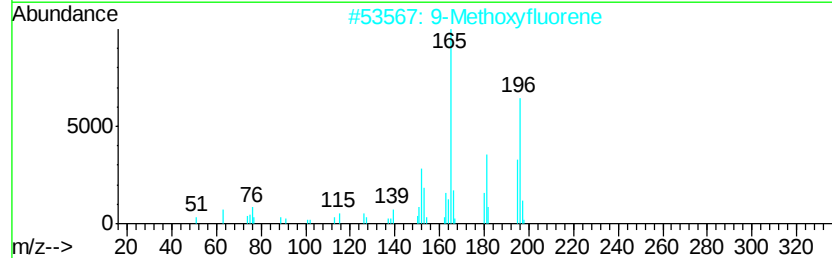
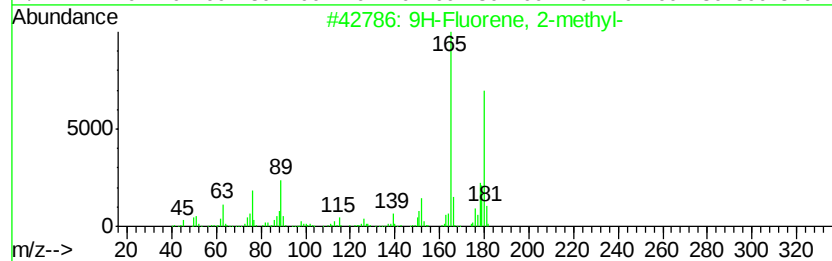
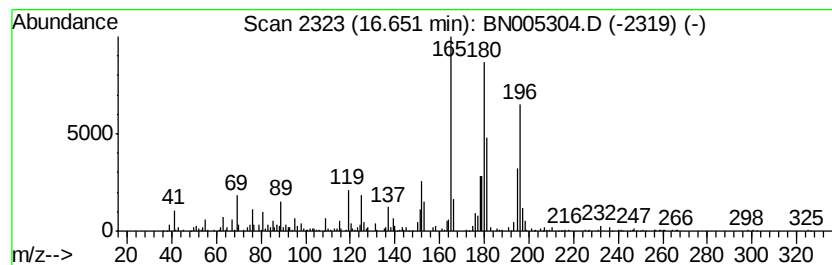
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 9-Methoxyfluorene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.12 ng/ul	1222770	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2			9-Methoxyfluorene	196	C14H12O	019126-15-9	70
3			(3H)Benzo[c]pyrrole, 3-methyl-3-phenyl-	208	C14H12N2	059341-20-7	55
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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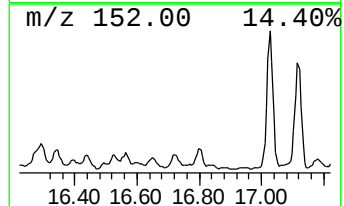
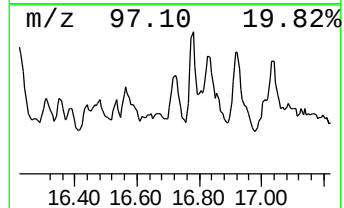
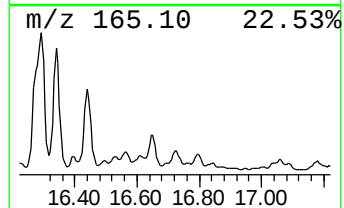
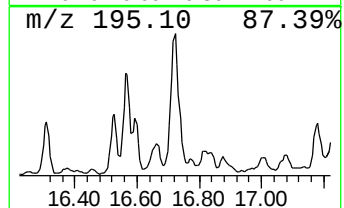
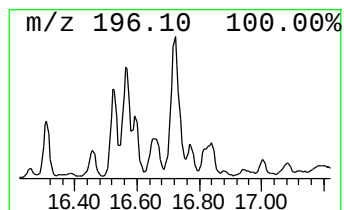
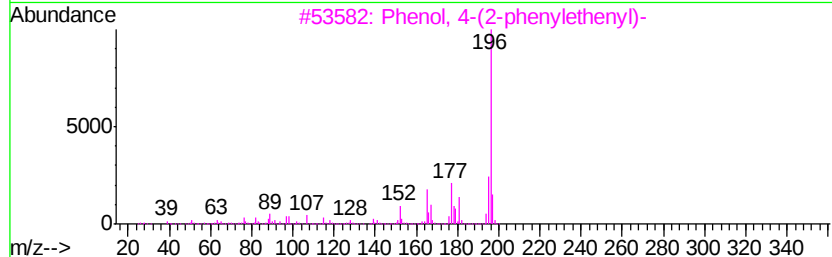
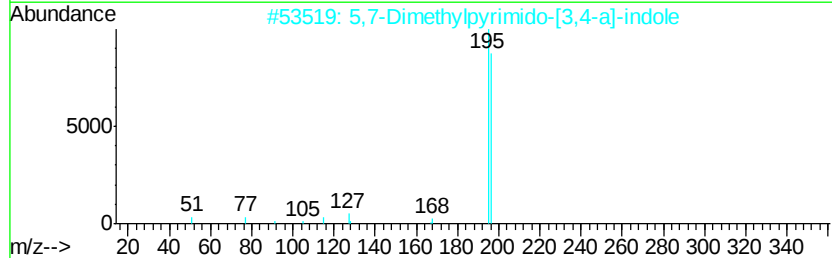
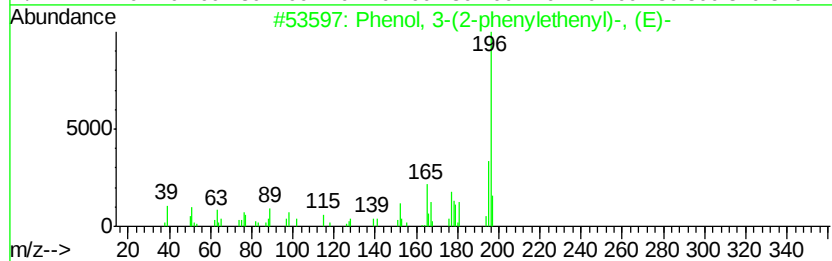
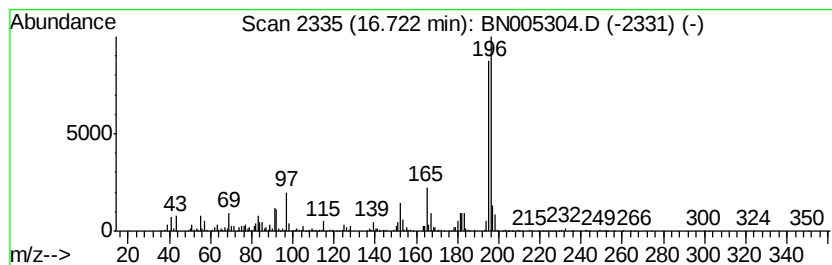
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-04 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	6.84 ng/ul	2029700	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
2			5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
3			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	47
4			9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	46
5			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

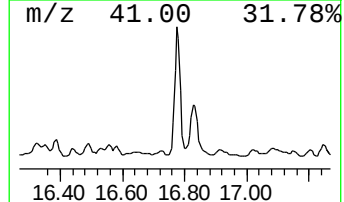
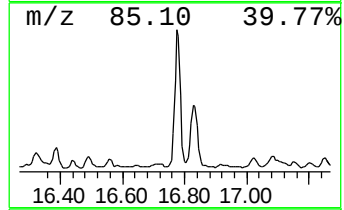
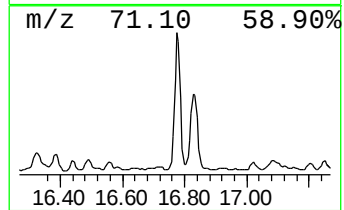
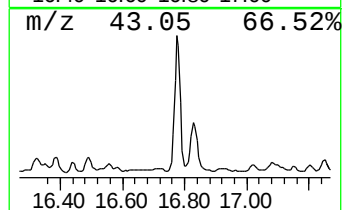
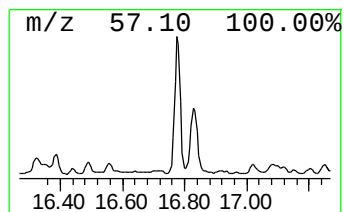
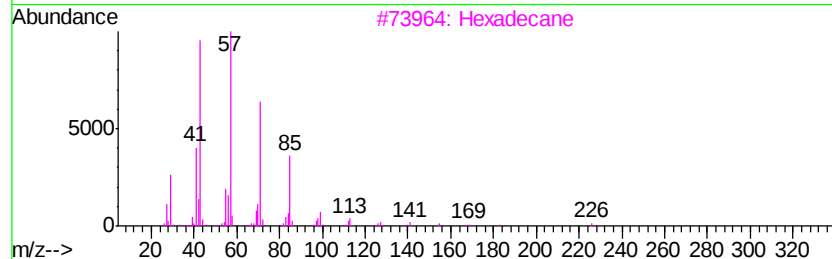
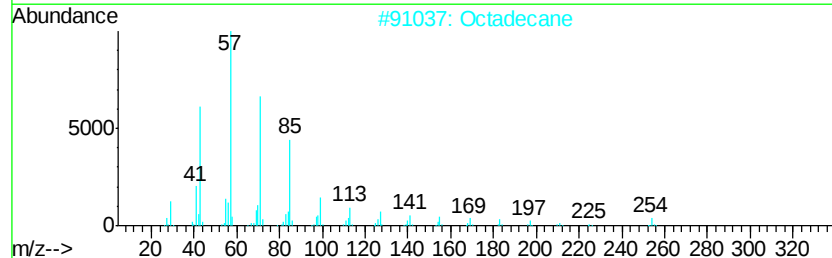
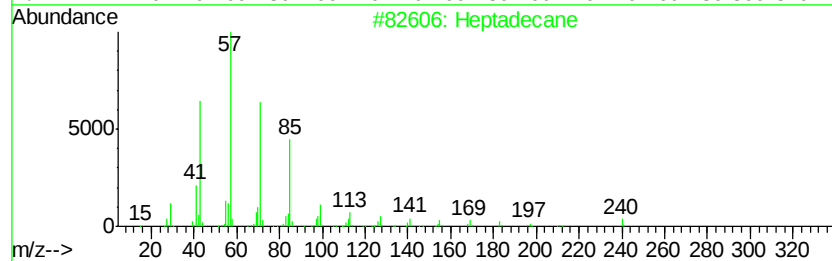
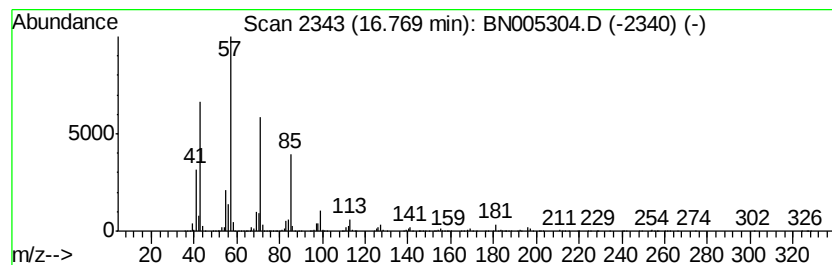
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	42.41 ng/ul	12588900	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Octadecane	254	C18H38	000593-45-3	96
3		Hexadecane	226	C16H34	000544-76-3	95
4		Pentadecane	212	C15H32	000629-62-9	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
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Instrument :
BNA_N
ClientSampleId :
GAHX3

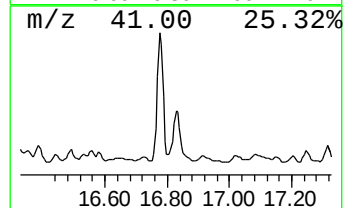
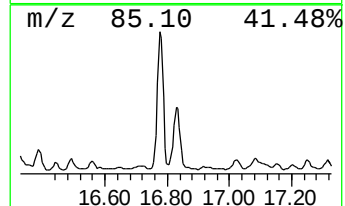
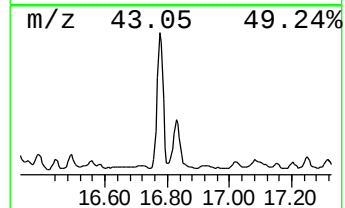
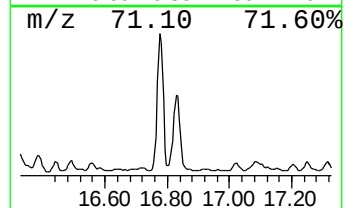
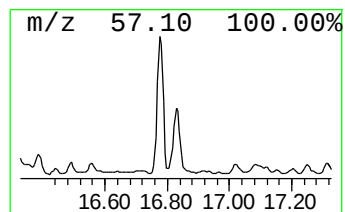
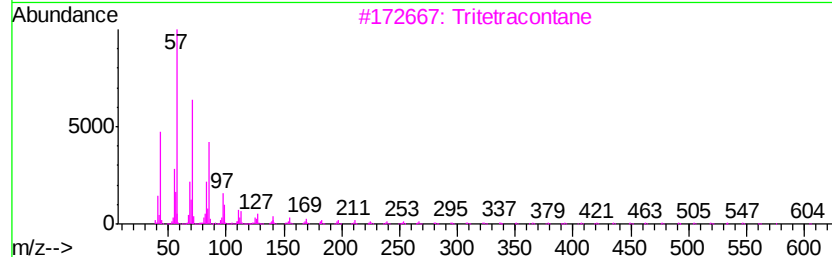
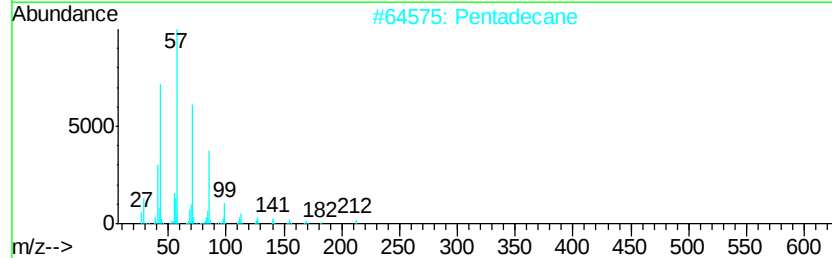
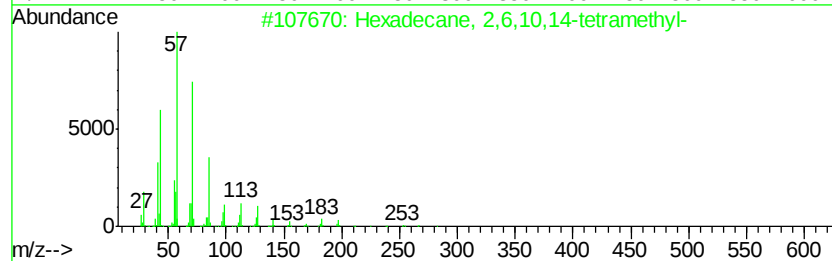
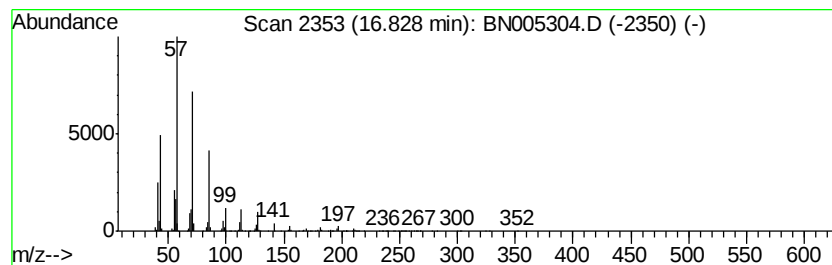
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	22.97 ng/ul	6819670	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tritetracontane	605	C43H88	007098-21-7	83
4		Octadecane	254	C18H38	000593-45-3	83
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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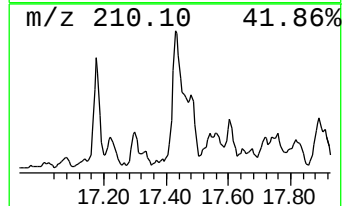
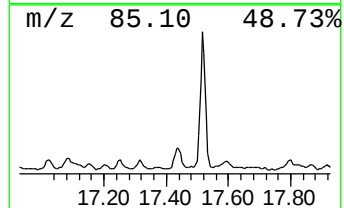
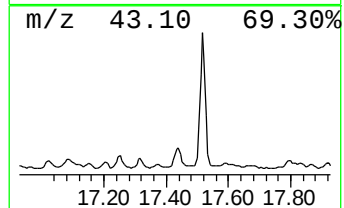
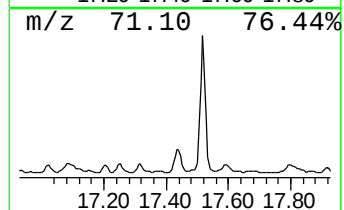
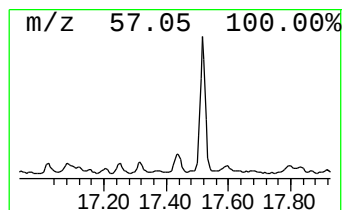
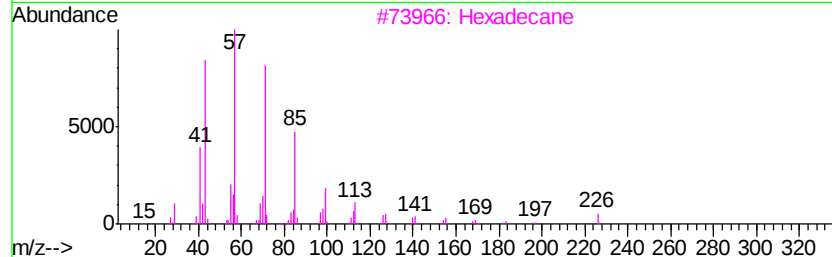
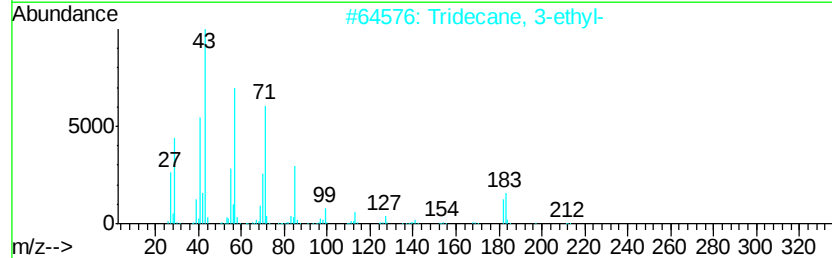
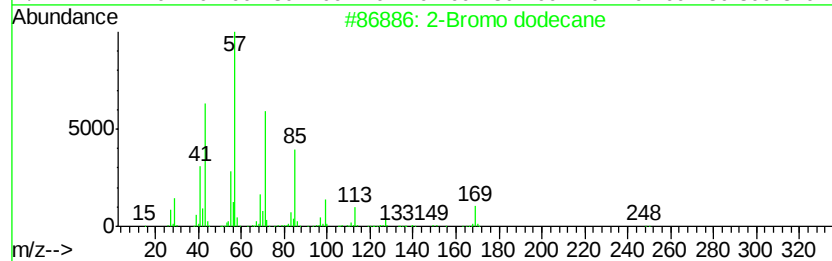
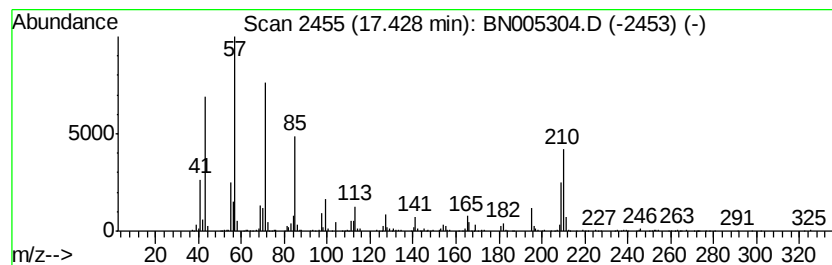
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 2-Bromo dodecane Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	6.82 ng/ul	2025600	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	81
2			Tridecane, 3-ethyl-	212	C15H32	013286-73-2	74
3			Hexadecane	226	C16H34	000544-76-3	74
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5			Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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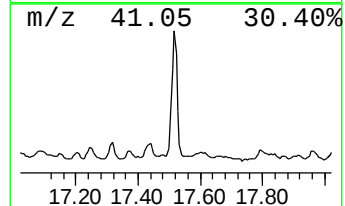
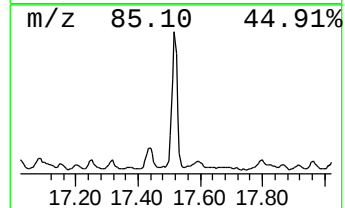
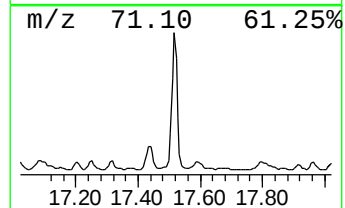
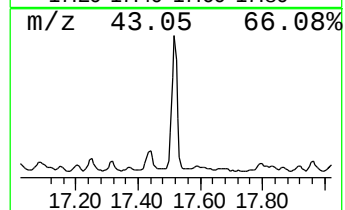
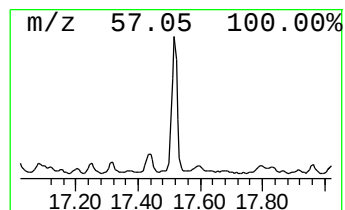
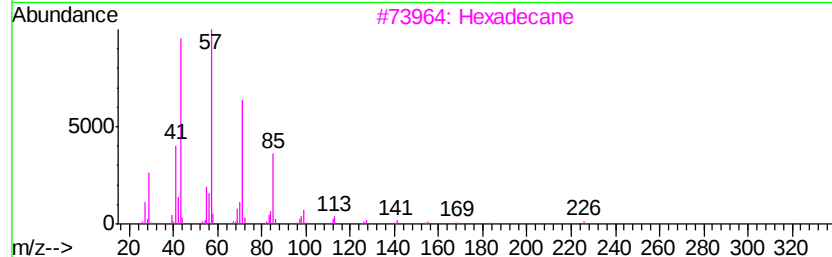
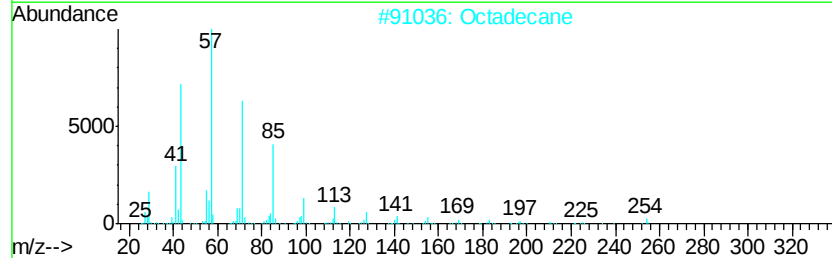
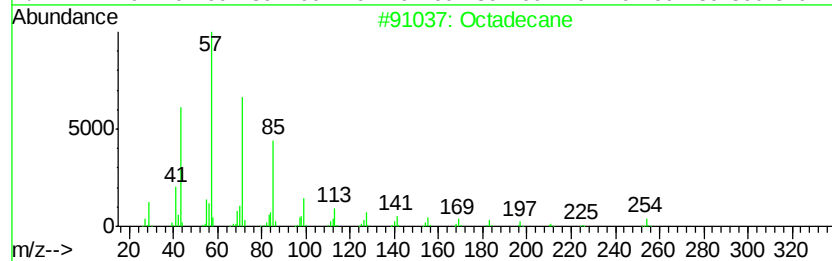
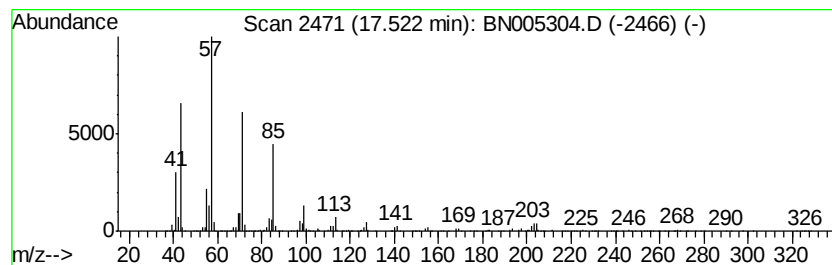
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	32.35 ng/ul	9604100	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Octadecane	254	C18H38	000593-45-3	95
3		Hexadecane	226	C16H34	000544-76-3	94
4		Octadecane	254	C18H38	000593-45-3	94
5		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

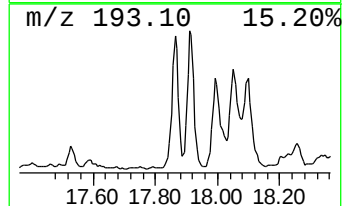
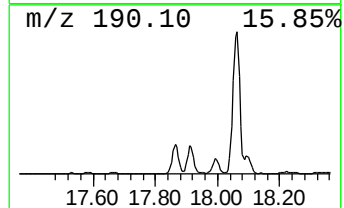
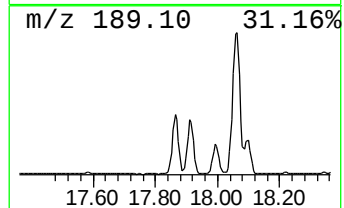
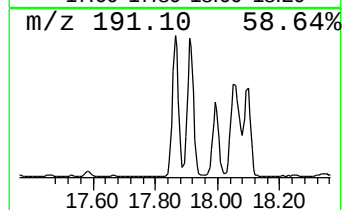
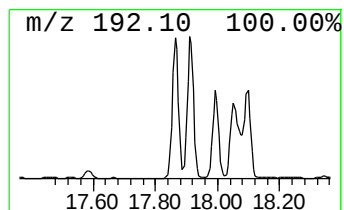
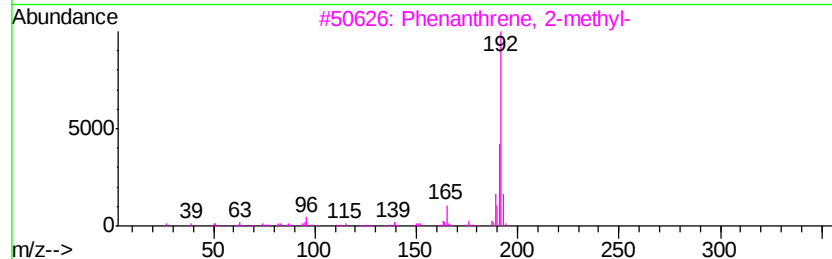
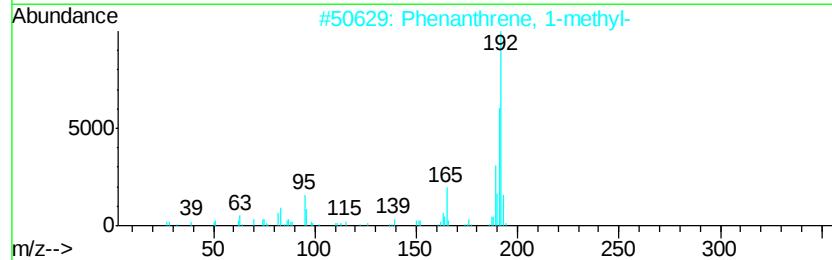
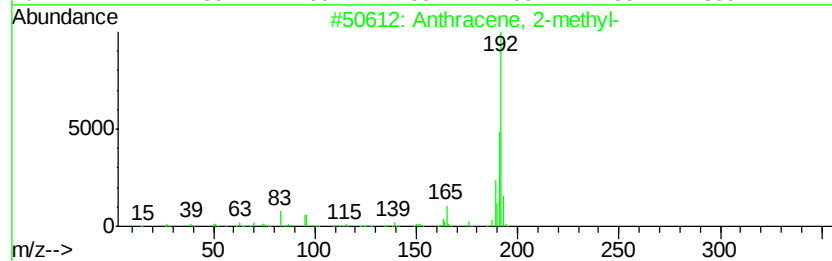
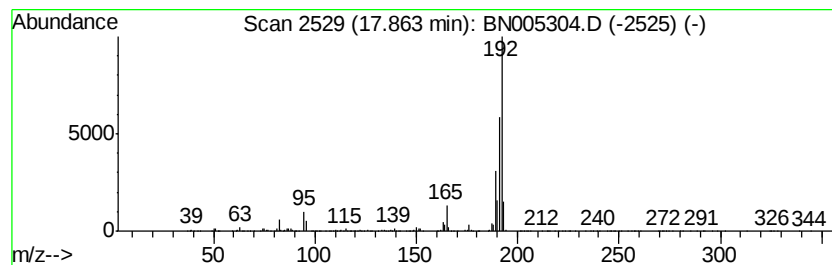
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	21.70 ng/ul	6440290	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

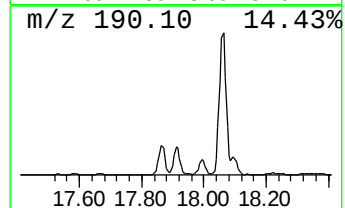
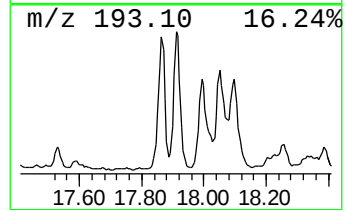
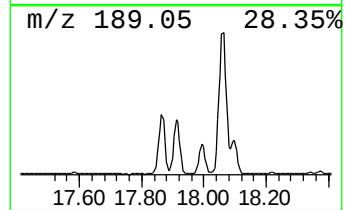
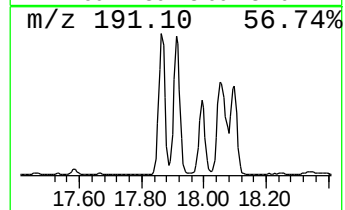
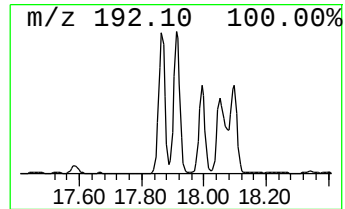
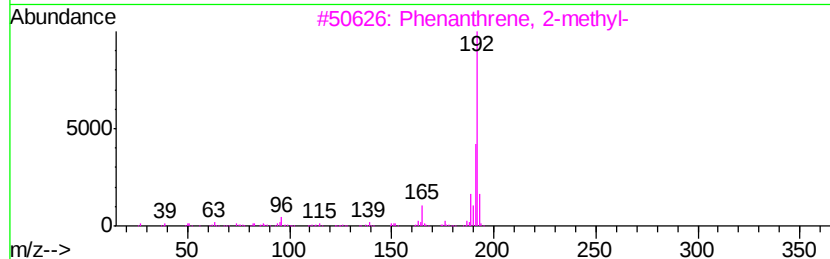
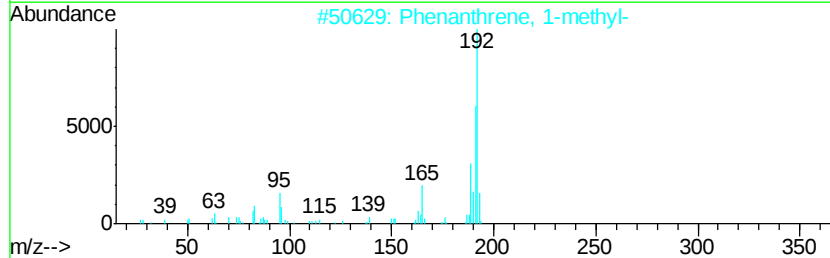
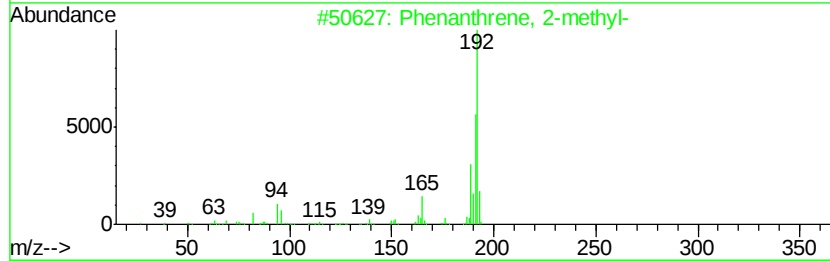
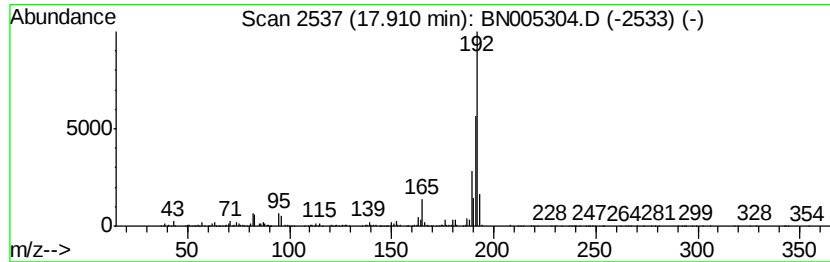
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	24.10 ng/ul	7153030	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

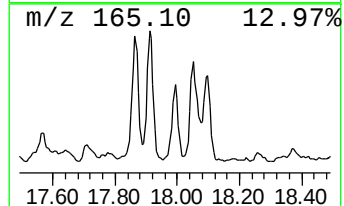
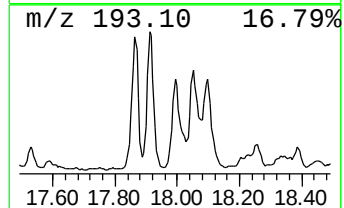
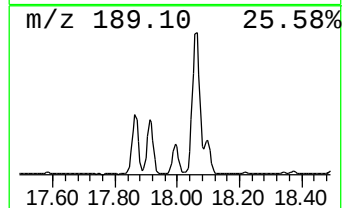
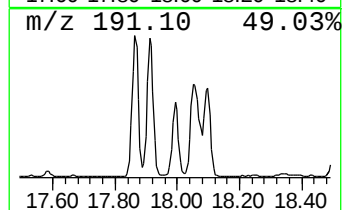
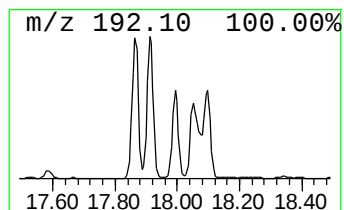
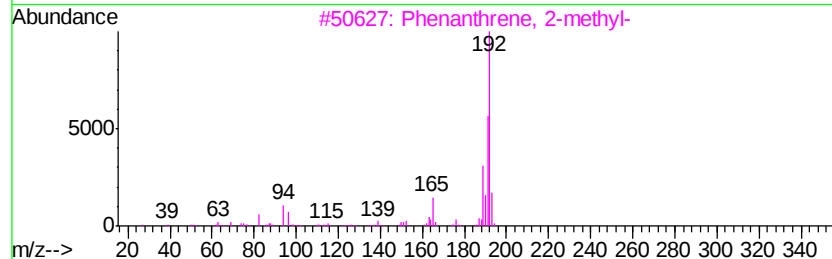
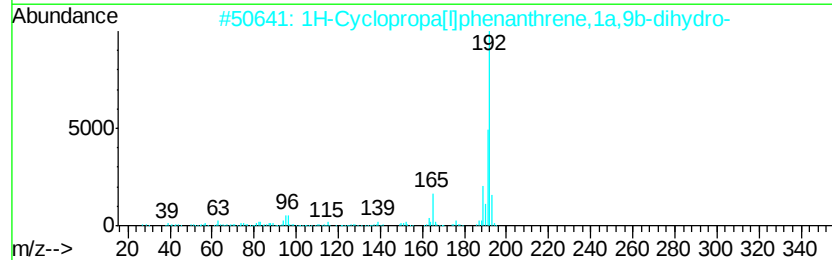
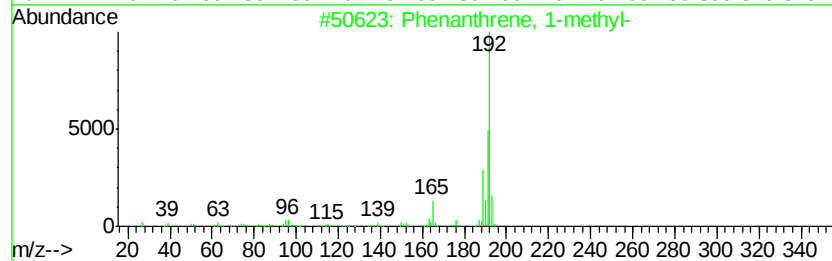
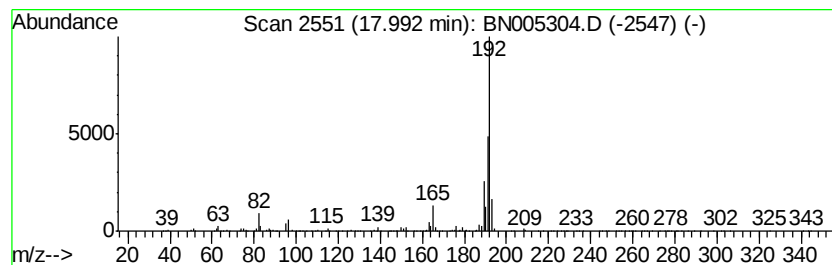
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Phenanthrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	11.62 ng/ul	3447940	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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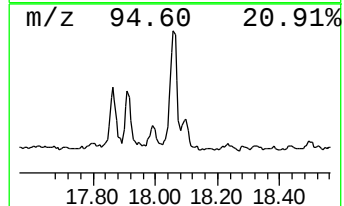
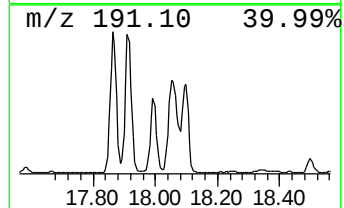
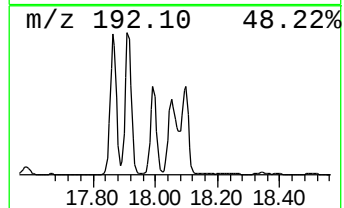
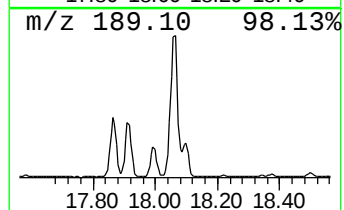
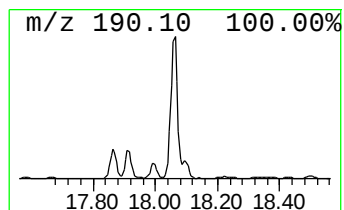
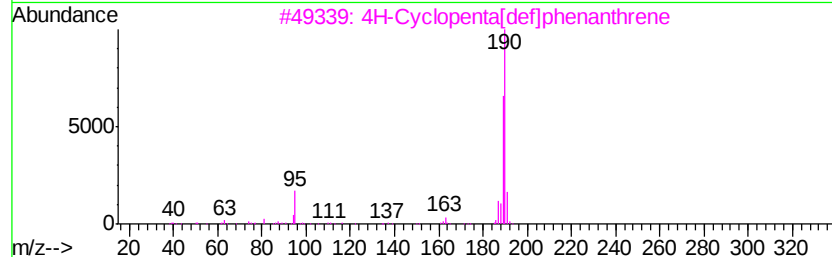
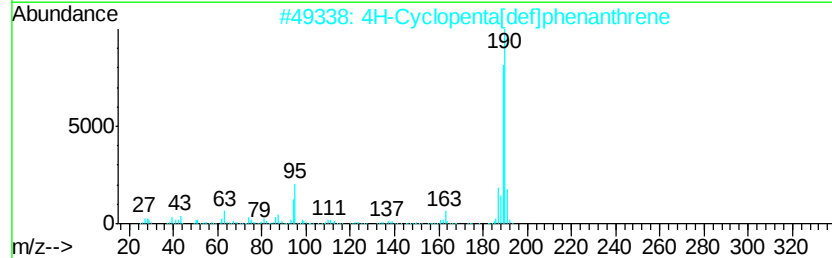
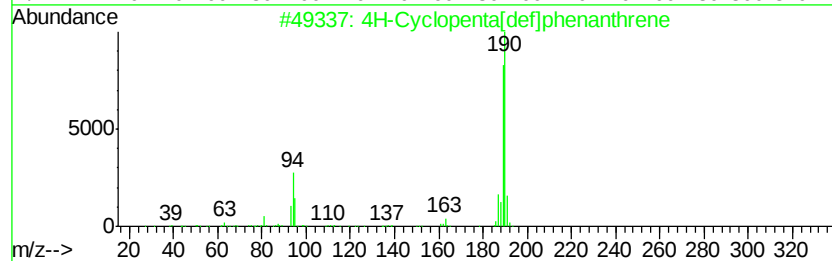
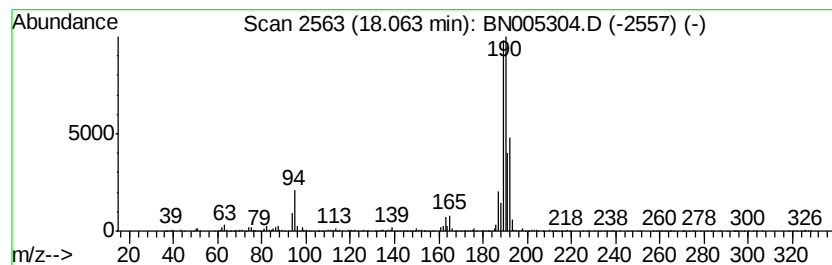
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	34.04 ng/ul	10103800	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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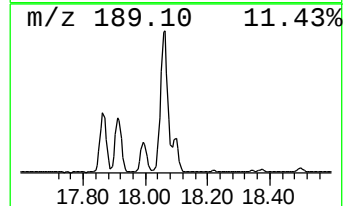
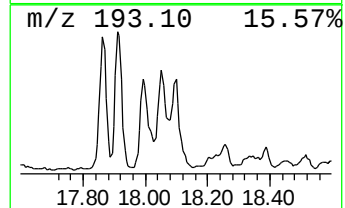
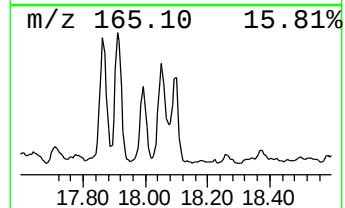
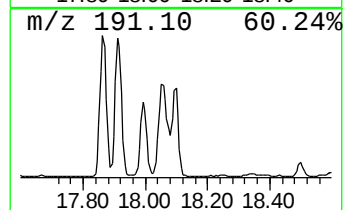
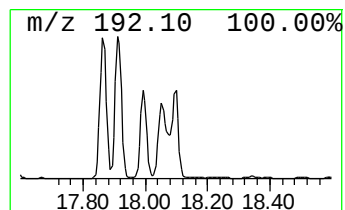
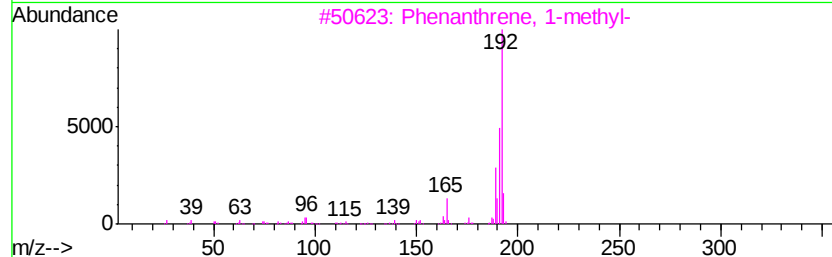
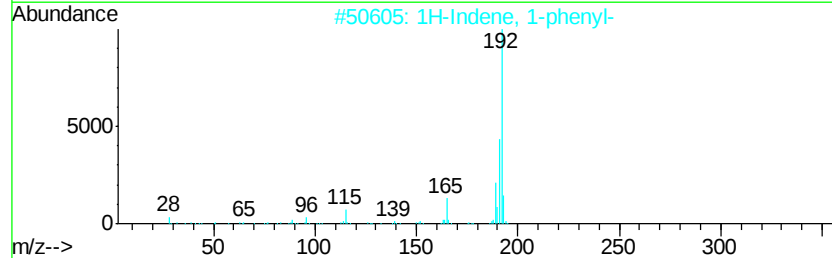
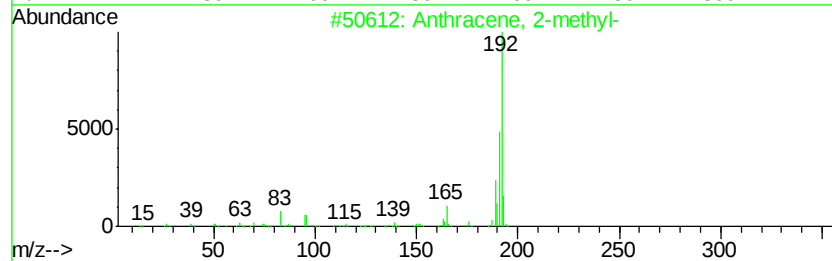
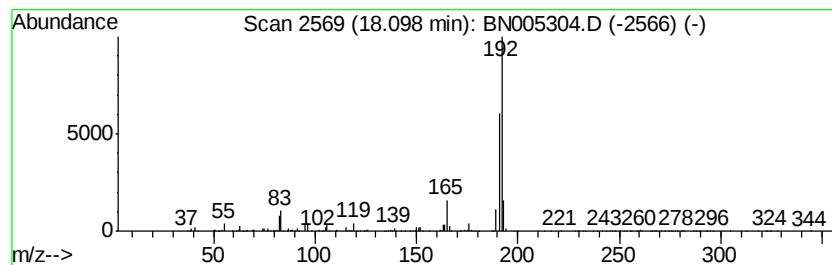
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 1H-Indene, 1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	15.69 ng/ul	4656040	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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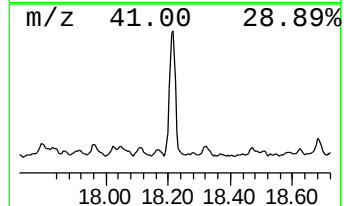
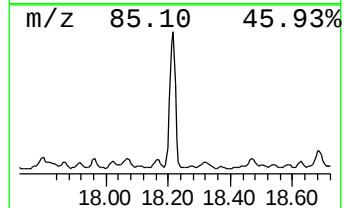
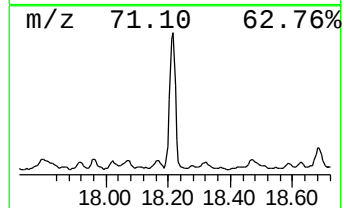
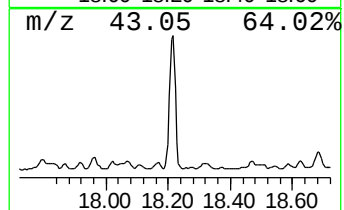
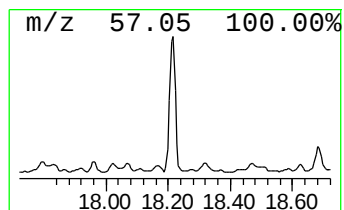
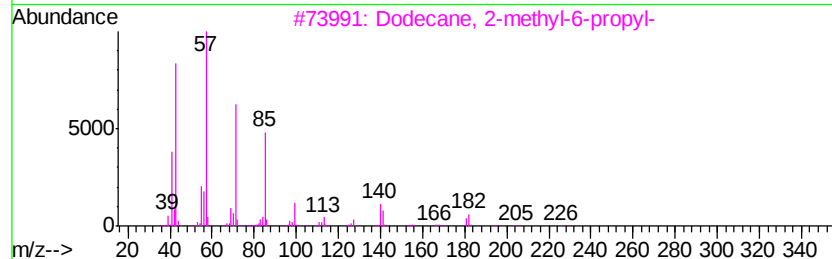
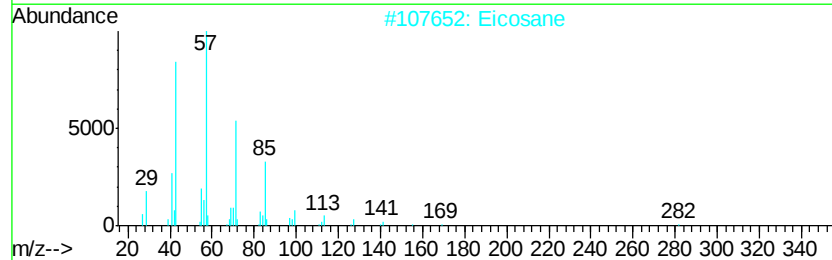
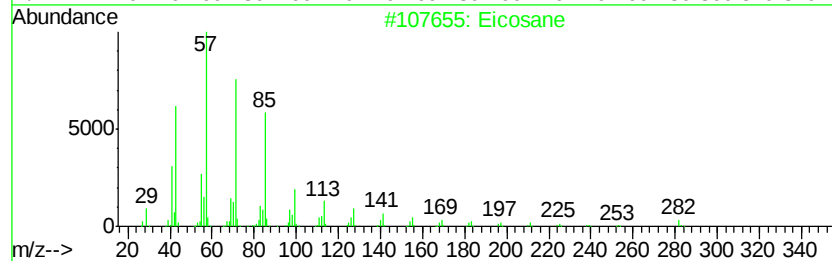
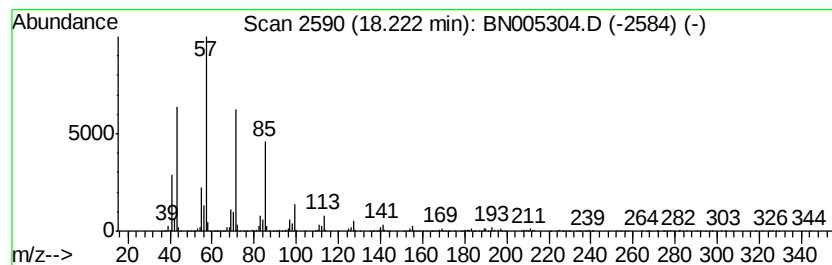
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	26.76 ng/ul	7944820	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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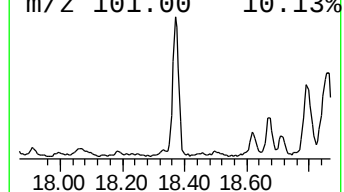
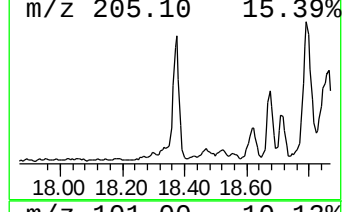
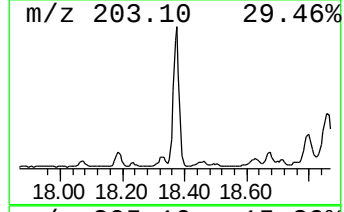
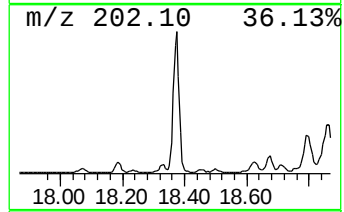
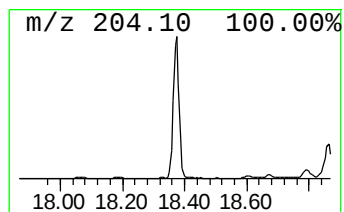
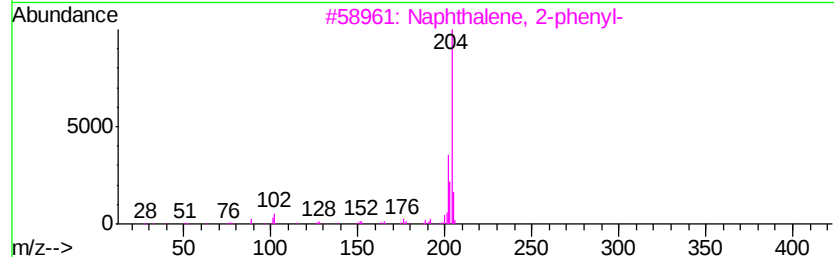
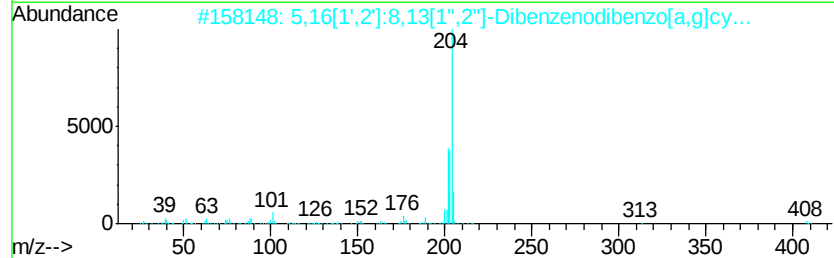
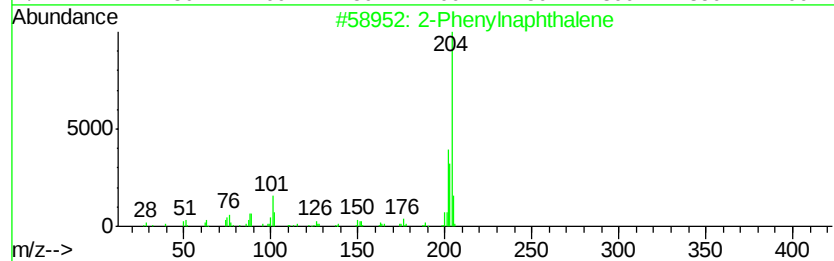
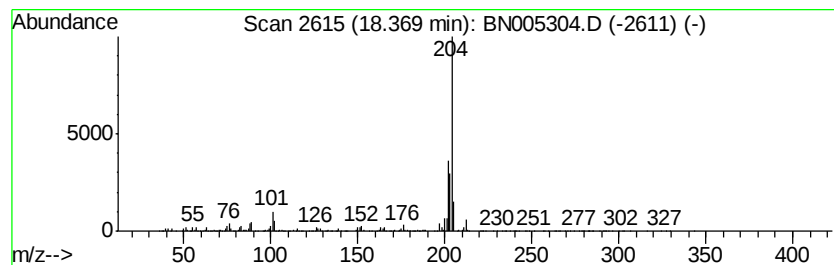
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 2-Phenylnaphthalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	10.39 ng/ul	3083870	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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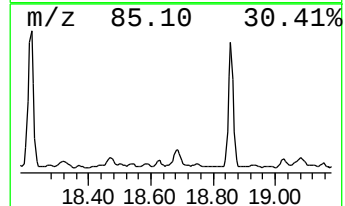
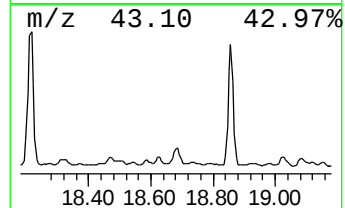
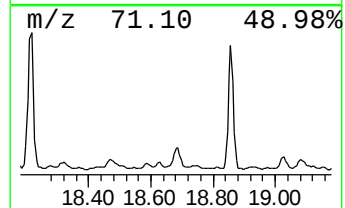
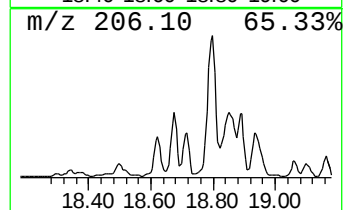
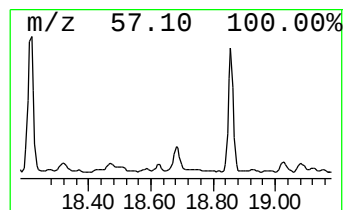
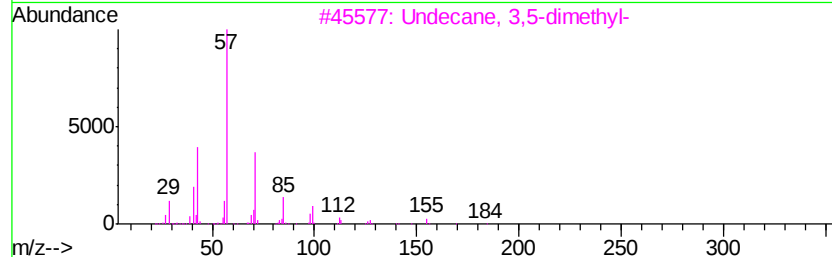
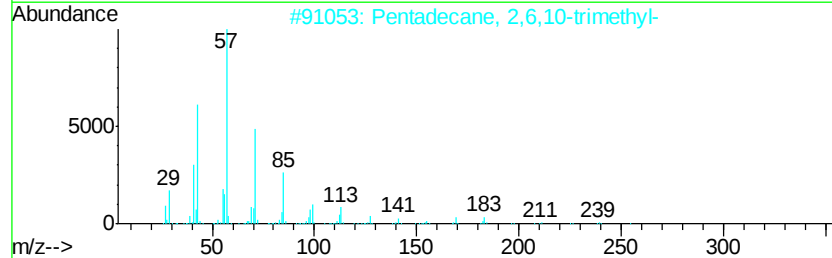
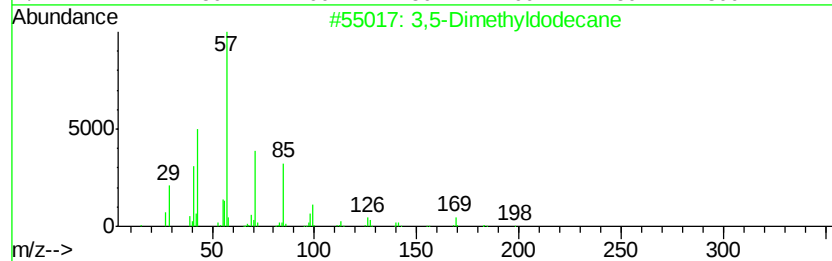
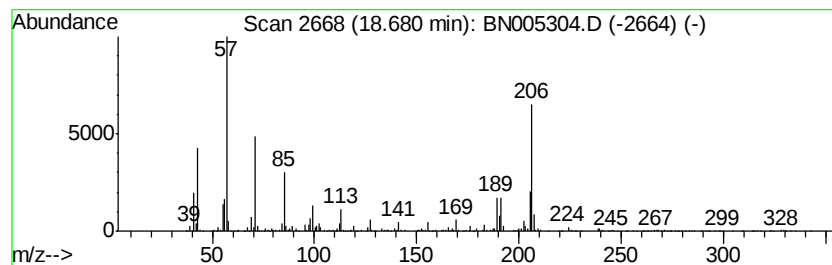
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	6.76 ng/ul	2007360	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	46
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	46
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
5		Docosane	310	C22H46	000629-97-0	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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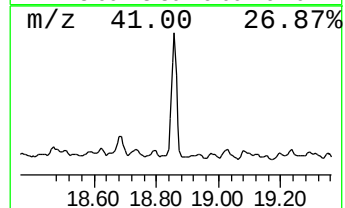
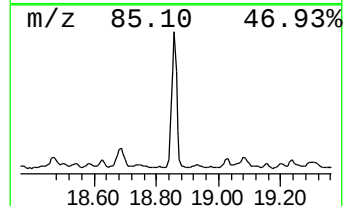
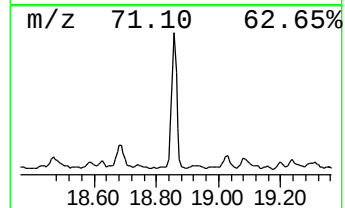
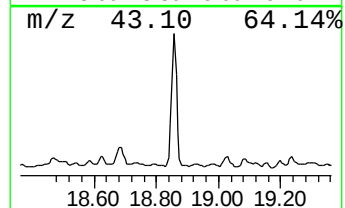
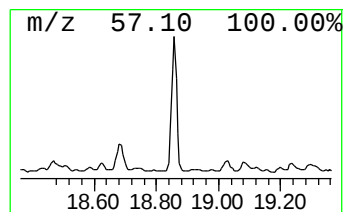
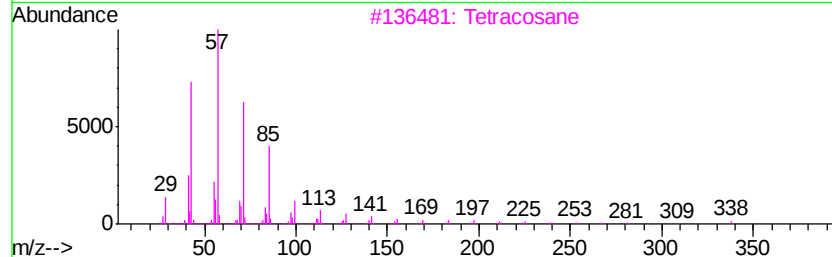
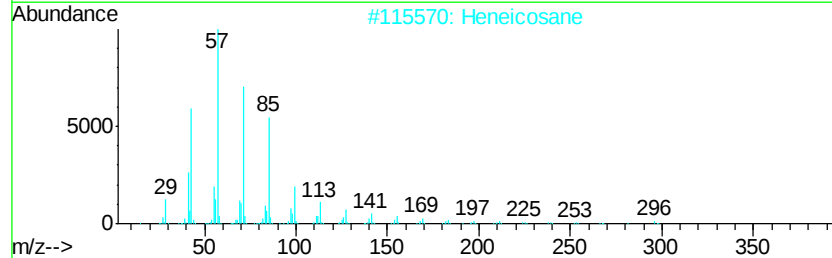
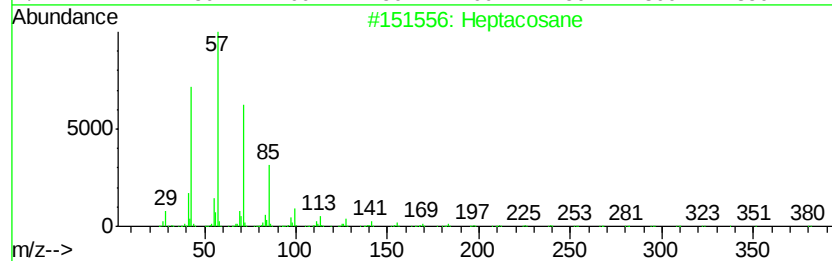
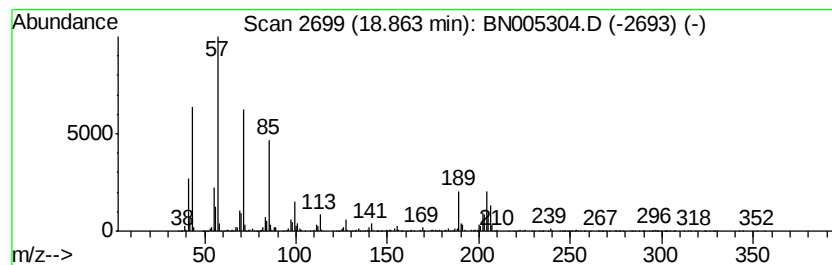
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	28.55 ng/ul	8473320	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	70
2			Heneicosane	296	C21H44	000629-94-7	64
3			Tetracosane	338	C24H50	000646-31-1	62
4			Hexadecane	226	C16H34	000544-76-3	62
5			Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

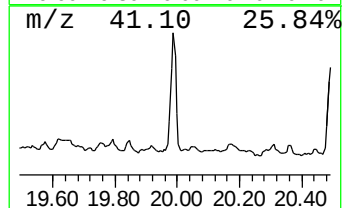
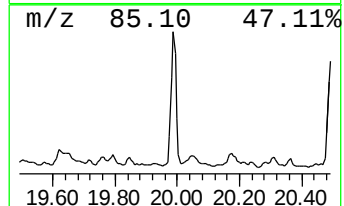
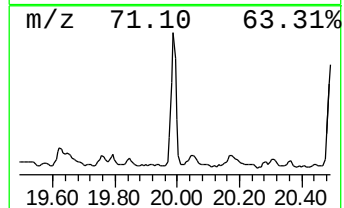
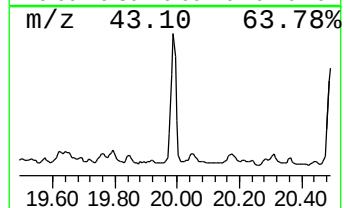
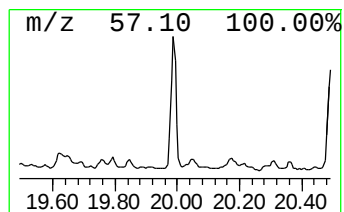
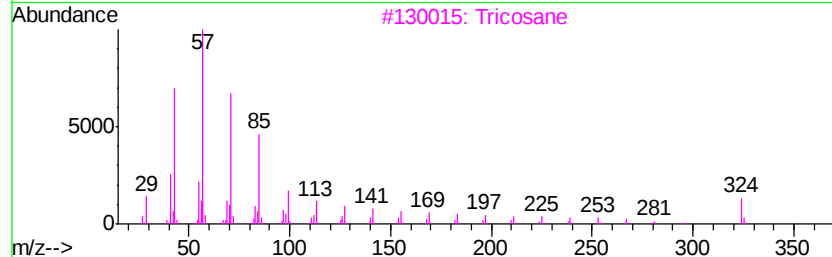
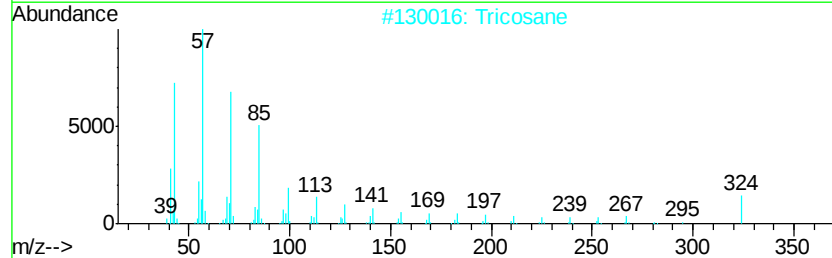
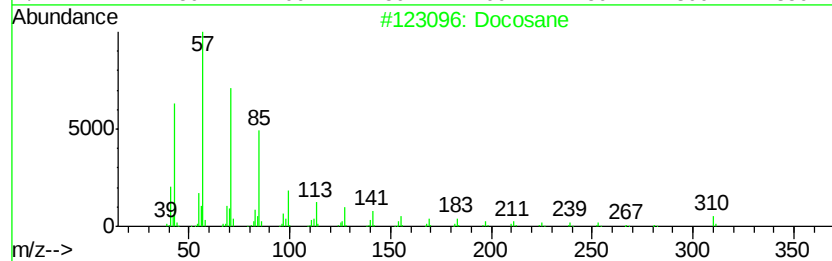
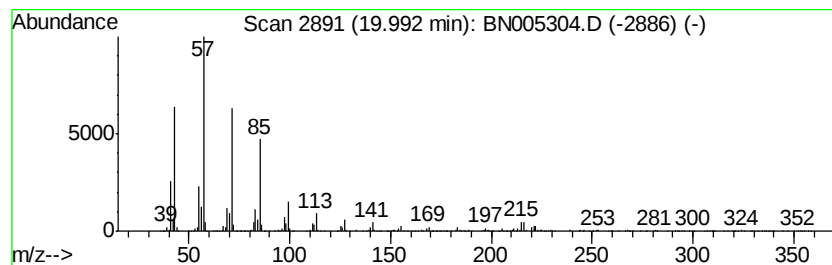
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	5.69 ng/ul	4761080	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	98
2			Tricosane	324	C23H48	000638-67-5	96
3			Tricosane	324	C23H48	000638-67-5	94
4			Docosane	310	C22H46	000629-97-0	94
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

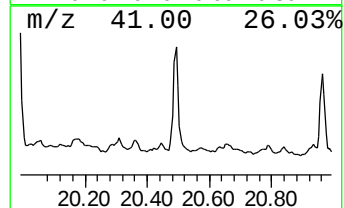
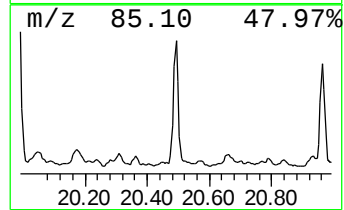
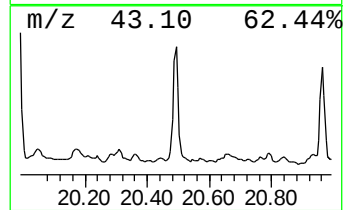
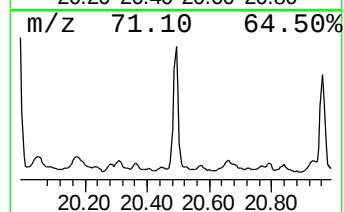
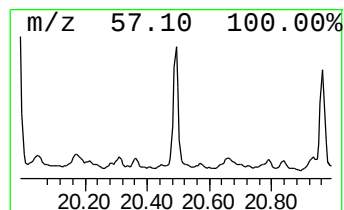
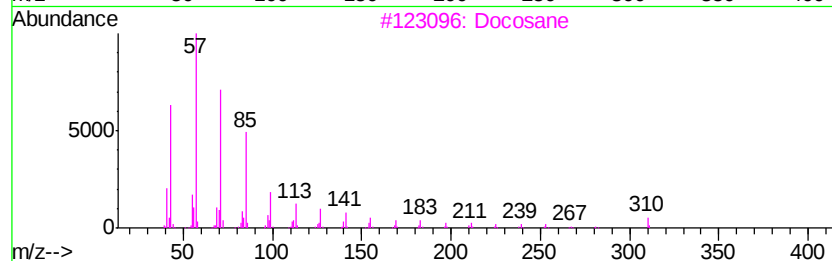
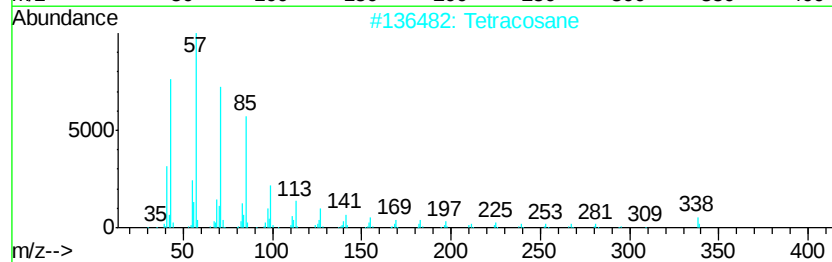
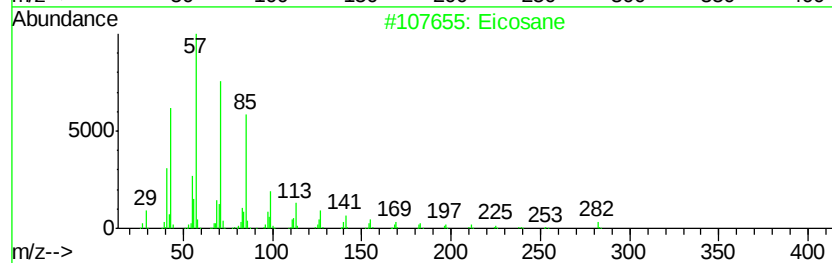
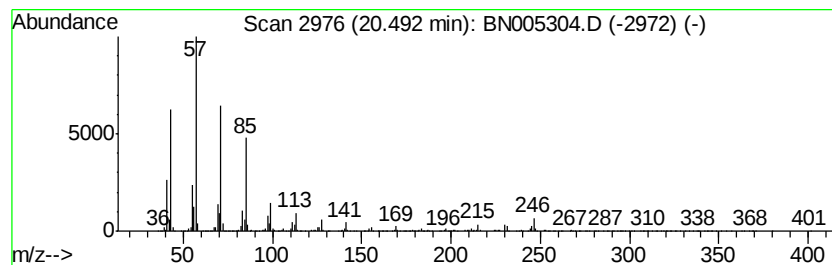
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	4.29 ng/ul	3589120	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Tetracosane	338	C24H50	000646-31-1	96
3			Docosane	310	C22H46	000629-97-0	96
4			Octadecane	254	C18H38	000593-45-3	95
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

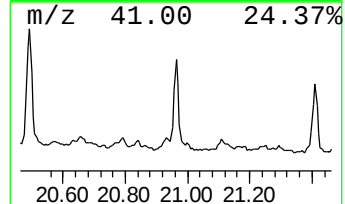
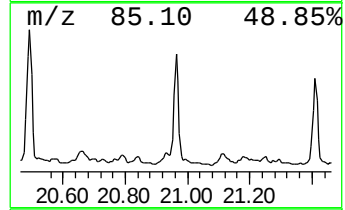
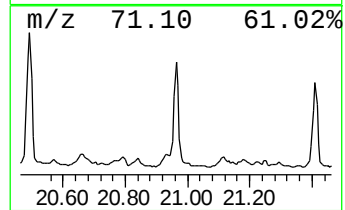
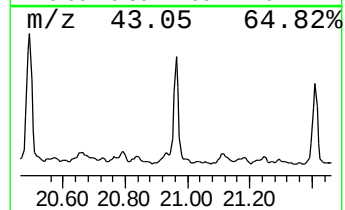
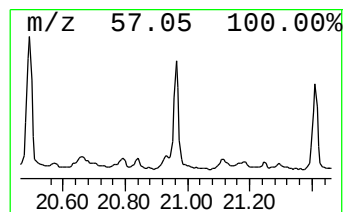
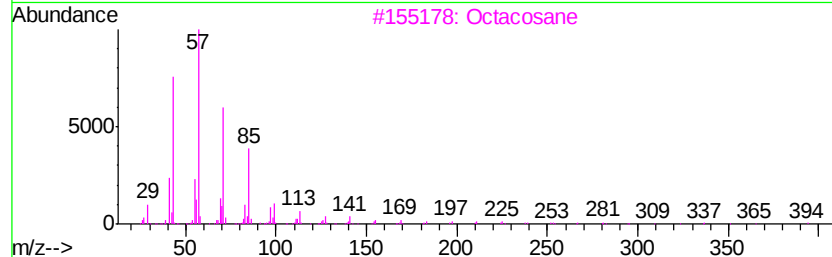
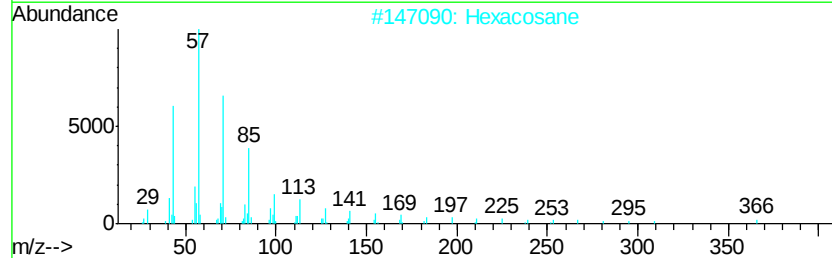
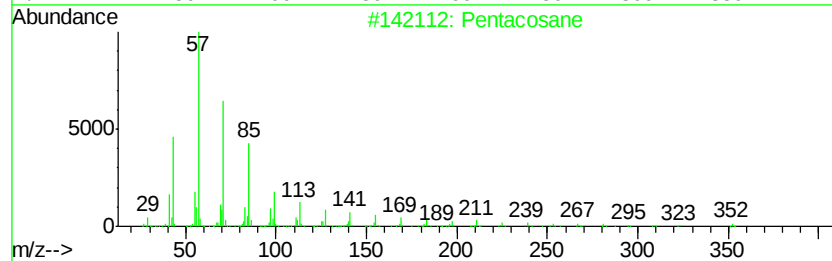
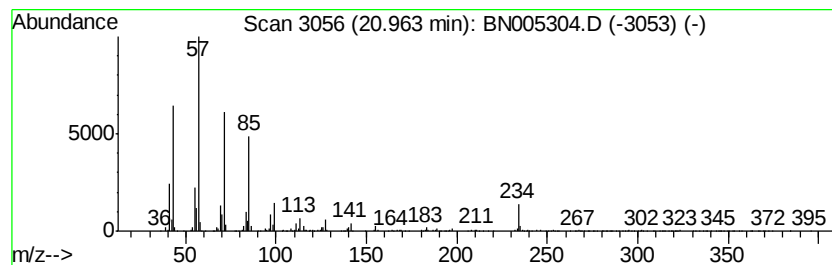
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.05 ng/ul	4228610	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	93
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	90
4			triacontane	422	C30H62	000638-68-6	86
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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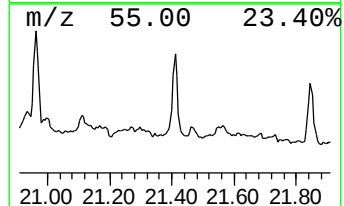
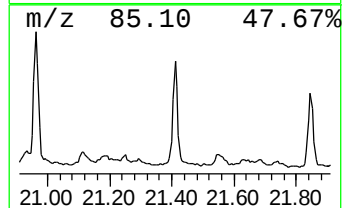
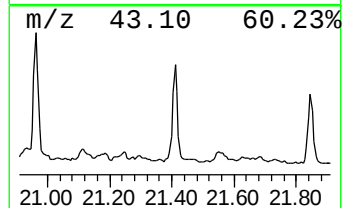
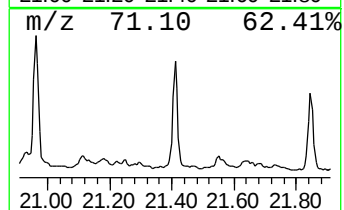
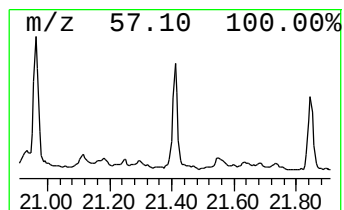
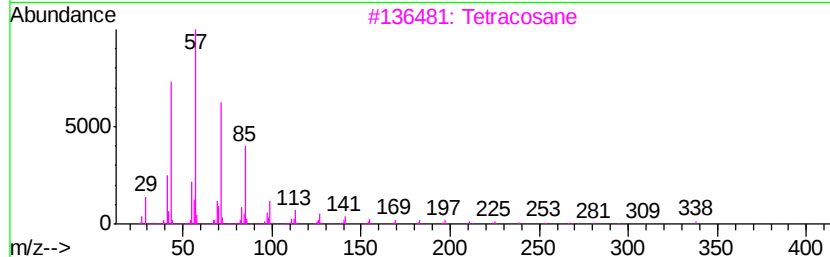
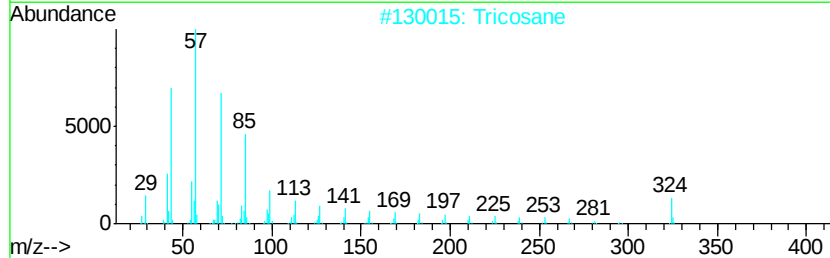
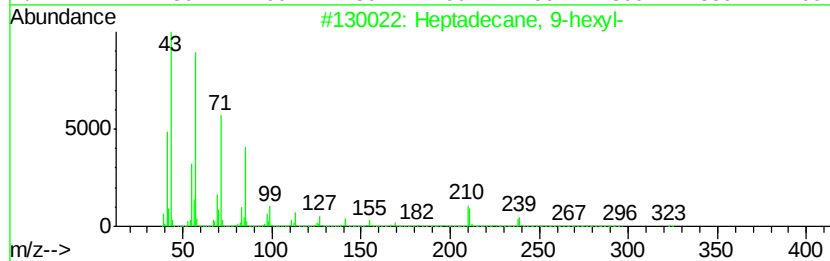
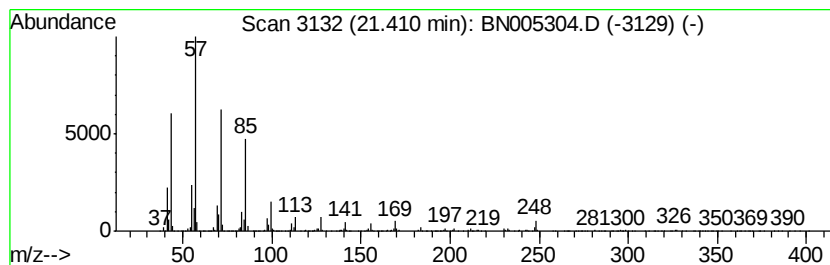
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.75 ng/ul	2303390	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2			Tricosane	324	C23H48	000638-67-5	91
3			Tetracosane	338	C24H50	000646-31-1	87
4			Heptadecane	240	C17H36	000629-78-7	83
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005304.D
 Acq On : 26 Apr 2019 05:19
 Operator : JU/SJ
 Sample : K2481-20 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.82	20.9	ng/ul	3145450	1	7.59	3008130	20.0
Benzene, 2-ethyl-...	9.77	2.7	ng/ul	1655980	2	10.36	12185700	20.0
2-Methylindene	9.86	2.5	ng/ul	1531040	2	10.36	12185700	20.0
(DEL) Alkane: Str...	10.54	4.7	ng/ul	2881890	2	10.36	12185700	20.0
(DEL) Alkane: Str...	11.29	3.2	ng/ul	1927790	2	10.36	12185700	20.0
(DEL) Alkane: Str...	11.40	7.0	ng/ul	4244810	2	10.36	12185700	20.0
(DEL) Alkane: Str...	11.81	19.1	ng/ul	11666800	2	10.36	12185700	20.0
Naphthalene, 1-me...	12.25	16.8	ng/ul	10225000	2	10.36	12185700	20.0
(DEL) Alkane: Cyc...	12.50	5.3	ng/ul	2169490	3	14.23	8182560	20.0
(DEL) Alkane: Str...	12.63	4.7	ng/ul	1939460	3	14.23	8182560	20.0
(DEL) Alkane: Str...	12.73	3.4	ng/ul	1391740	3	14.23	8182560	20.0
(DEL) Alkane: Str...	12.78	8.7	ng/ul	3564670	3	14.23	8182560	20.0
Naphthalene, 1-et...	13.25	6.1	ng/ul	2489360	3	14.23	8182560	20.0
Naphthalene, 1,7-...	13.39	19.5	ng/ul	7981150	3	14.23	8182560	20.0
Naphthalene, 1,5-...	13.55	28.3	ng/ul	11566700	3	14.23	8182560	20.0
(DEL) Alkane: Str...	13.74	10.5	ng/ul	4283720	3	14.23	8182560	20.0
Naphthalene, 2,3-...	13.79	13.4	ng/ul	5467690	3	14.23	8182560	20.0
(DEL) Alkane: Str...	14.16	32.4	ng/ul	13261500	3	14.23	8182560	20.0
Naphthalene, 2,3,...	14.72	8.6	ng/ul	3508250	3	14.23	8182560	20.0
(DEL) Alkane: Str...	14.78	9.1	ng/ul	3727460	3	14.23	8182560	20.0
unknown-01	14.85	9.8	ng/ul	4029850	3	14.23	8182560	20.0
unknown-02	14.91	7.0	ng/ul	2853540	3	14.23	8182560	20.0
Naphthalene, 1,4,...	15.03	9.0	ng/ul	3675900	3	14.23	8182560	20.0
(DEL) Alkane: Str...	15.12	29.9	ng/ul	12248400	3	14.23	8182560	20.0
(DEL) Alkane: Str...	15.53	19.4	ng/ul	7950190	3	14.23	8182560	20.0
3-(2-Naphthyl)acr...	15.58	7.7	ng/ul	3134230	3	14.23	8182560	20.0
Dibenzofuran, 4-m...	15.73	19.8	ng/ul	5867980	4	16.99	5936730	20.0
(DEL) Alkane: Str...	15.98	48.4	ng/ul	14351000	4	16.99	5936730	20.0
(DEL) Alkane: Str...	16.01	23.9	ng/ul	7106730	4	16.99	5936730	20.0
9H-Fluorene, 2-me...	16.29	12.2	ng/ul	3620960	4	16.99	5936730	20.0
9H-Fluorene, 1-me...	16.34	12.3	ng/ul	3652850	4	16.99	5936730	20.0
(DEL) Alkane: Str...	16.39	5.9	ng/ul	1763350	4	16.99	5936730	20.0
9H-Fluorene, 3-me...	16.44	6.4	ng/ul	1886800	4	16.99	5936730	20.0
unknown-03	16.53	4.5	ng/ul	1345170	4	16.99	5936730	20.0
Phenol, 4-(2-phen...	16.56	10.2	ng/ul	3022840	4	16.99	5936730	20.0
9-Methoxyfluorene	16.65	4.1	ng/ul	1222770	4	16.99	5936730	20.0
unknown-04	16.72	6.8	ng/ul	2029700	4	16.99	5936730	20.0
(DEL) Alkane: Str...	16.77	42.4	ng/ul	12588900	4	16.99	5936730	20.0
(DEL) Alkane: Str...	16.83	23.0	ng/ul	6819670	4	16.99	5936730	20.0
2-Bromo dodecane	17.43	6.8	ng/ul	2025600	4	16.99	5936730	20.0
(DEL) Alkane: Str...	17.52	32.4	ng/ul	9604100	4	16.99	5936730	20.0
Anthracene, 2-met...	17.86	21.7	ng/ul	6440290	4	16.99	5936730	20.0
Phenanthrene, 2-m...	17.91	24.1	ng/ul	7153030	4	16.99	5936730	20.0
Phenanthrene, 1-m...	17.99	11.6	ng/ul	3447940	4	16.99	5936730	20.0
4H-Cyclopenta[def...	18.06	34.0	ng/ul	10103800	4	16.99	5936730	20.0
1H-Indene, 1-phenyl-	18.10	15.7	ng/ul	4656040	4	16.99	5936730	20.0
(DEL) Alkane: Str...	18.22	26.8	ng/ul	7944820	4	16.99	5936730	20.0
2-Phenyl naphthalene	18.37	10.4	ng/ul	3083870	4	16.99	5936730	20.0
(DEL) Alkane: Str...	18.68	6.8	ng/ul	2007360	4	16.99	5936730	20.0

(DEL)	Alkane: Str...	18.86	28.6	ng/ul	8473320	4	16.99	5936730	20.0
(DEL)	Alkane: Str...	19.99	5.7	ng/ul	4761080	5	21.22	16744200	20.0
(DEL)	Alkane: Str...	20.49	4.3	ng/ul	3589120	5	21.22	16744200	20.0
(DEL)	Alkane: Str...	20.96	5.0	ng/ul	4228610	5	21.22	16744200	20.0
(DEL)	Alkane: Str...	21.41	2.8	ng/ul	2303390	5	21.22	16744200	20.0

Instrument :

BNA_N

ClientSampleId :

GAHX3