

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

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	6.775	636	644	652	rBV	339348	562863	2.55%	0.240%
2	7.128	698	704	716	rVB	335660	555309	2.51%	0.237%
3	7.593	776	783	791	rBV	2057355	3207596	14.51%	1.367%
4	8.293	895	902	910	rBV	426711	701239	3.17%	0.299%
5	9.981	1184	1189	1197	rVB	454224	806243	3.65%	0.344%
6	10.358	1245	1253	1258	rBV	3254626	5628238	25.46%	2.399%
7	10.405	1258	1261	1270	rVB	543660	889733	4.02%	0.379%
8	11.804	1493	1499	1504	rBV	980088	1553474	7.03%	0.662%
9	11.875	1505	1511	1519	rVB	273143	769474	3.48%	0.328%
10	12.028	1530	1537	1545	rVB	2474914	4197474	18.99%	1.789%
11	12.246	1568	1574	1581	rBV	1923218	2877537	13.02%	1.226%
12	13.069	1706	1714	1725	rVB2	1444783	2635568	11.92%	1.123%
13	13.387	1762	1768	1770	rBV	1507131	2500272	11.31%	1.066%
14	13.546	1789	1795	1800	rVV	1966098	3435214	15.54%	1.464%
15	13.599	1800	1804	1808	rVV	1214633	1809971	8.19%	0.771%
16	13.646	1808	1812	1815	rVV	1071028	1654491	7.48%	0.705%
17	13.681	1815	1818	1823	rVV2	1197677	1839710	8.32%	0.784%
18	13.740	1824	1828	1831	rVV2	374499	555167	2.51%	0.237%
19	13.781	1831	1835	1839	rVV2	988434	1529929	6.92%	0.652%
20	13.916	1853	1858	1859	rBV	901199	1108748	5.02%	0.473%
21	13.946	1859	1863	1872	rVB	2791587	4310649	19.50%	1.837%
22	14.157	1894	1899	1903	rBV	1497105	1900674	8.60%	0.810%
23	14.228	1903	1911	1917	rVV3	4195156	7272682	32.90%	3.099%
24	14.440	1941	1947	1957	rBV2	496058	1095751	4.96%	0.467%
25	14.634	1976	1980	1988	rVV2	544331	1019225	4.61%	0.434%
26	14.710	1989	1993	1998	rVB	616446	857982	3.88%	0.366%
27	14.840	2009	2015	2021	rBV3	771469	1648603	7.46%	0.703%
28	15.110	2056	2061	2066	rVB2	1458234	2169482	9.81%	0.925%
29	15.228	2076	2081	2085	rVB2	1611043	2392508	10.82%	1.020%
30	15.281	2085	2090	2096	rBV	1305345	2314187	10.47%	0.986%
31	15.410	2108	2112	2120	rVB4	436329	666900	3.02%	0.284%
32	15.522	2121	2131	2136	rVB6	371004	1155754	5.23%	0.493%
33	15.957	2200	2205	2207	rBV	822950	1245668	5.63%	0.531%
34	15.981	2207	2209	2212	rVB	803497	770349	3.48%	0.328%

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35	16.287	2255	2261	2266	rBV2	444034	915415	4.14%	0.390%
36	16.340	2266	2270	2276	rVB2	592949	878798	3.98%	0.375%
37	16.440	2283	2287	2293	rVB4	371951	565023	2.56%	0.241%
38	16.563	2304	2308	2313	rVB2	520597	788144	3.57%	0.336%
39	16.634	2316	2320	2328	rVB4	416765	763375	3.45%	0.325%
40	16.775	2340	2344	2347	rBV	668377	839622	3.80%	0.358%
41	16.981	2374	2379	2383	rBV2	4962888	7238228	32.74%	3.085%
42	17.028	2383	2387	2392	rVV	5315136	7568430	34.24%	3.225%
43	17.081	2392	2396	2399	rVV2	1172176	1690485	7.65%	0.720%
44	17.116	2399	2402	2406	rVV	1393233	1768007	8.00%	0.753%
45	17.169	2406	2411	2418	rVV5	384925	942998	4.27%	0.402%
46	17.510	2465	2469	2474	rBV2	747061	956402	4.33%	0.408%
47	17.651	2488	2493	2496	rBV	1318457	2015280	9.12%	0.859%
48	17.681	2496	2498	2509	rVB2	847132	1430530	6.47%	0.610%
49	17.804	2511	2519	2522	rBV2	393286	909802	4.12%	0.388%
50	17.863	2524	2529	2533	rVV	1806030	2651098	11.99%	1.130%
51	17.910	2533	2537	2544	rVB	2427096	3356906	15.19%	1.431%
52	17.986	2546	2550	2555	rBV	517554	706363	3.20%	0.301%
53	18.051	2555	2561	2565	rBV2	2410334	4204061	19.02%	1.792%
54	18.092	2565	2568	2572	rVB	1163745	1532351	6.93%	0.653%
55	18.369	2611	2615	2618	rVV	1481373	1962328	8.88%	0.836%
56	18.404	2618	2621	2626	rVB	1349854	1735965	7.85%	0.740%
57	18.622	2654	2658	2662	rVV2	557905	880207	3.98%	0.375%
58	18.669	2663	2666	2670	rVV	423957	588432	2.66%	0.251%
59	18.792	2682	2687	2692	rBV3	1322320	2094768	9.48%	0.893%
60	18.857	2692	2698	2701	rVV3	770653	1287625	5.82%	0.549%
61	18.934	2706	2711	2720	rBV	4254857	6581801	29.77%	2.805%
62	19.057	2728	2732	2738	rVB	3513717	4825088	21.83%	2.056%
63	19.128	2740	2744	2748	rBV2	408256	643167	2.91%	0.274%
64	19.210	2754	2758	2762	rVB	1176876	1598035	7.23%	0.681%
65	19.263	2762	2767	2771	rBV	985793	1252754	5.67%	0.534%
66	19.328	2774	2778	2785	rVB	821236	1247167	5.64%	0.532%
67	19.428	2785	2795	2802	rBV	13735888	22106568	100.00%	9.421%
68	19.657	2830	2834	2842	rVB4	833948	1479092	6.69%	0.630%
69	19.757	2846	2851	2857	rBV2	1417972	2591606	11.72%	1.104%
70	19.904	2869	2876	2884	rVB3	1926228	5192197	23.49%	2.213%
71	20.028	2893	2897	2902	rVV2	975570	1233870	5.58%	0.526%

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72	20.086	2903	2907	2911	rBV	2677701	3393671	15.35%	1.446%
73	20.228	2927	2931	2935	rBV	2362729	2979898	13.48%	1.270%
74	20.275	2935	2939	2945	rVB	2478676	3205329	14.50%	1.366%
75	20.680	3005	3008	3016	rVB	1229421	1849291	8.37%	0.788%
76	20.828	3028	3033	3036	rBV4	516336	1030705	4.66%	0.439%
77	20.892	3041	3044	3046	rVV	554611	651727	2.95%	0.278%
78	20.928	3046	3050	3053	rVV	792279	1156158	5.23%	0.493%
79	20.980	3056	3059	3067	rVB	1021667	1592141	7.20%	0.679%
80	21.210	3091	3098	3102	rBV3	5788809	11477513	51.92%	4.891%
81	21.245	3102	3104	3111	rVB3	1888545	2864344	12.96%	1.221%
82	21.416	3129	3133	3139	rVB	2066885	2896538	13.10%	1.234%
83	21.569	3156	3159	3163	rVB2	565762	606213	2.74%	0.258%
84	21.710	3179	3183	3185	rBV2	436209	564510	2.55%	0.241%
85	21.763	3185	3192	3196	rVV	1225512	2310770	10.45%	0.985%
86	21.810	3196	3200	3207	rVB4	865591	1502838	6.80%	0.640%
87	21.951	3221	3224	3227	rBV	593666	802990	3.63%	0.342%
88	21.980	3227	3229	3234	rVB	911607	1157279	5.24%	0.493%
89	22.592	3330	3333	3350	rVB4	479108	1411488	6.38%	0.602%
90	22.757	3355	3361	3365	rBV2	2381125	5341014	24.16%	2.276%
91	22.922	3384	3389	3396	rVB	966439	1635298	7.40%	0.697%
92	23.222	3434	3440	3444	rBV	1542381	2710220	12.26%	1.155%
93	23.269	3445	3448	3451	rVV	538090	826084	3.74%	0.352%
94	23.310	3451	3455	3461	rVV2	2224633	3980935	18.01%	1.697%
95	23.404	3465	3471	3477	rBV	2692767	4974466	22.50%	2.120%
96	23.974	3565	3568	3575	rVB	371621	643885	2.91%	0.274%
97	24.245	3609	3614	3620	rVB3	386948	751761	3.40%	0.320%
98	25.580	3833	3841	3854	rVB2	1069278	3321863	15.03%	1.416%
99	25.833	3880	3884	3892	rVB	319349	759898	3.44%	0.324%
100	26.239	3948	3953	3965	rVB	582508	1586200	7.18%	0.676%

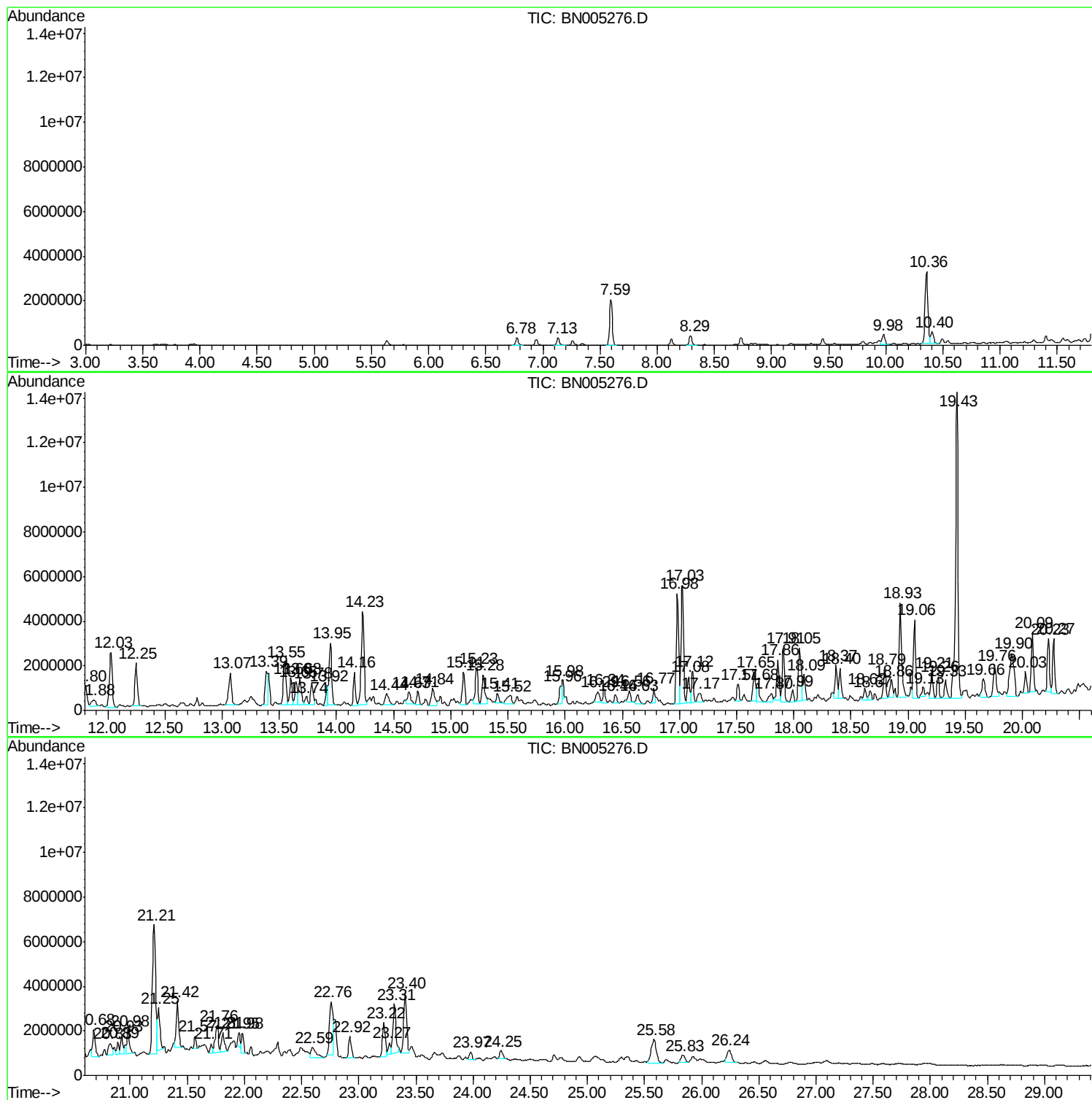
Sum of corrected areas: 234645679

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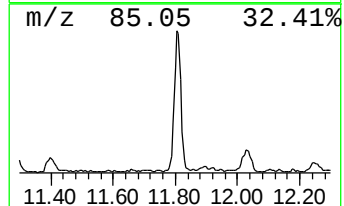
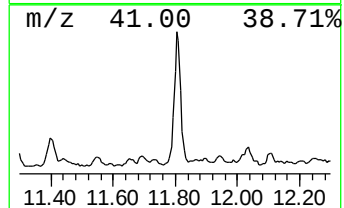
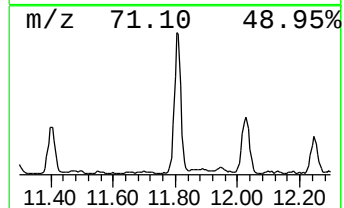
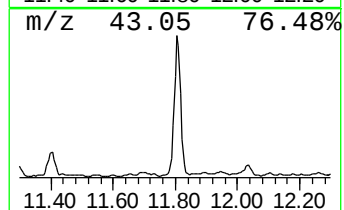
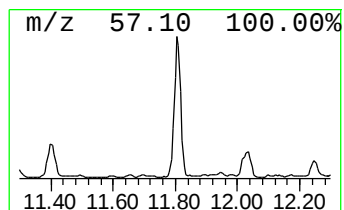
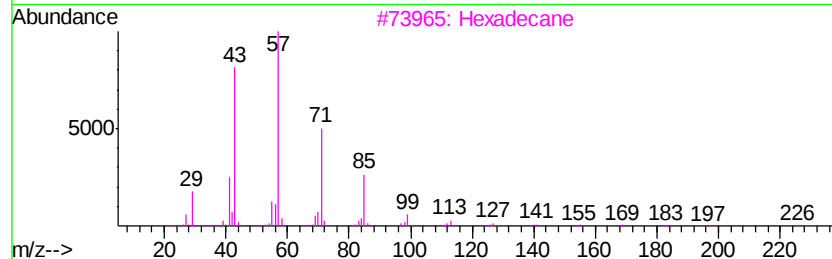
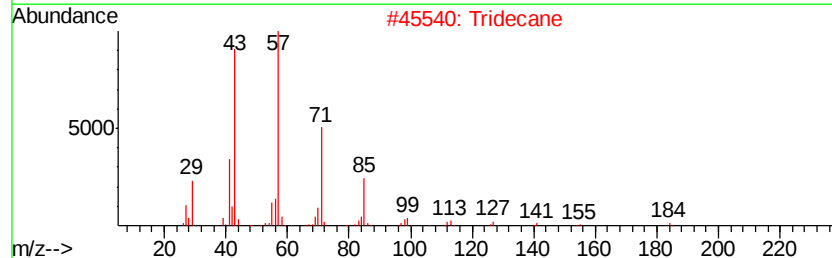
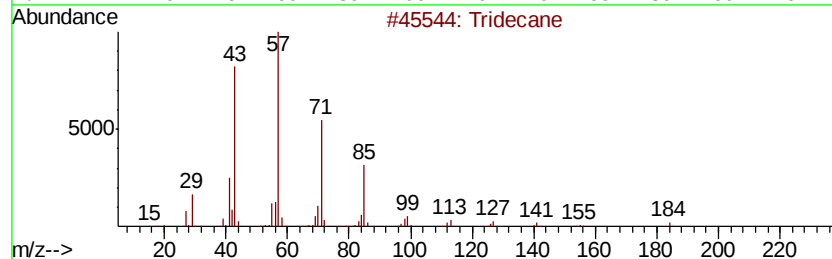
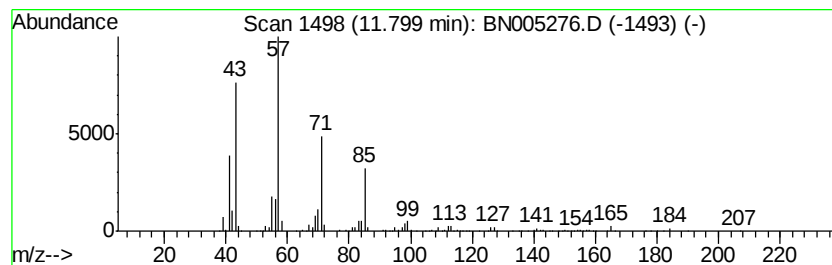
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.52 ng/ul	1553470	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Pentadecane	212	C15H32	000629-62-9	90



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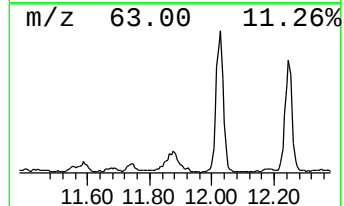
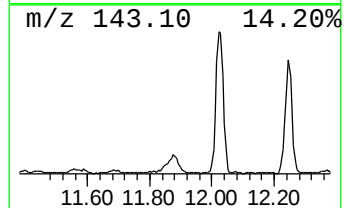
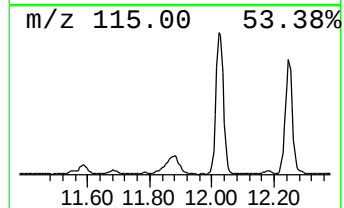
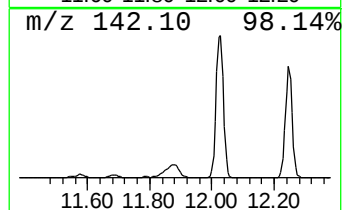
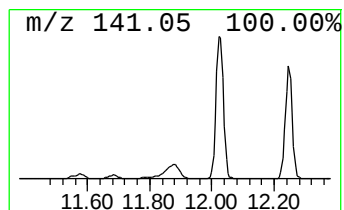
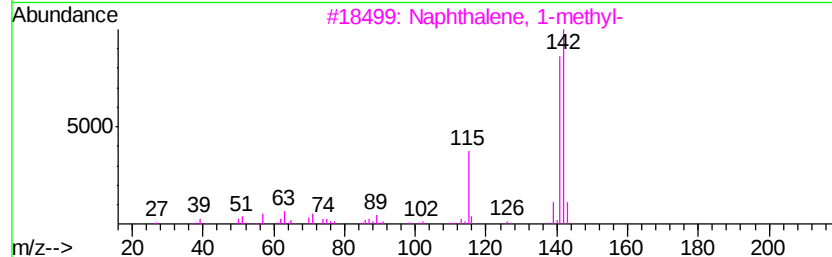
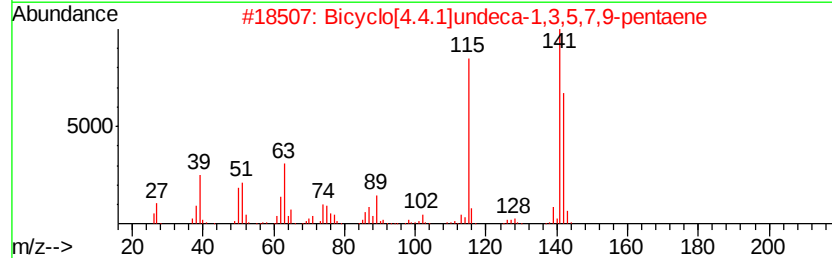
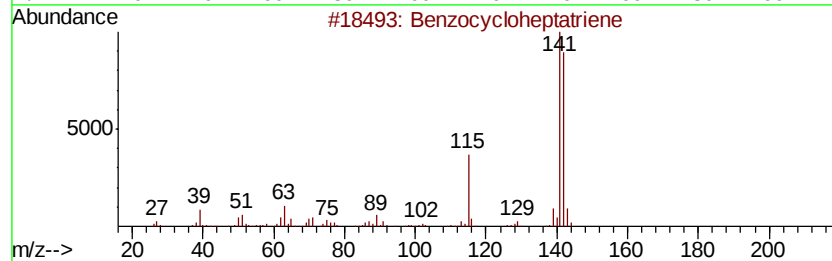
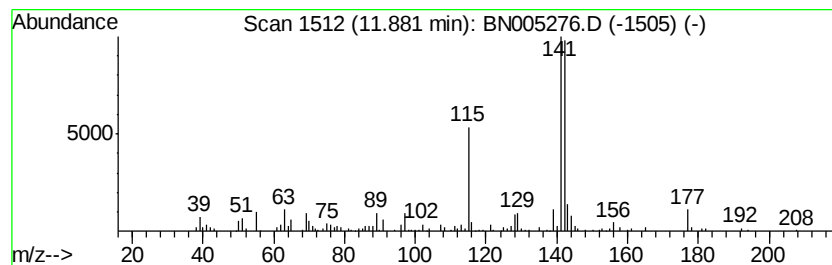
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Benzocycloheptatriene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.73 ng/ul	769474	Naphthalene-d8	10.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	87
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	74



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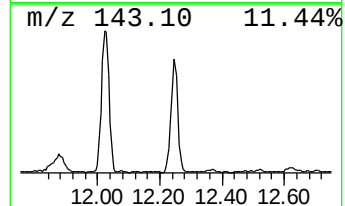
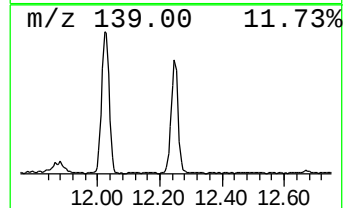
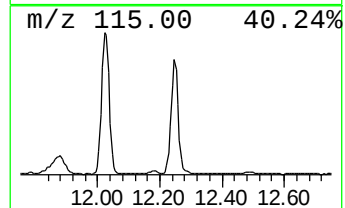
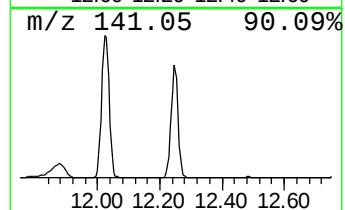
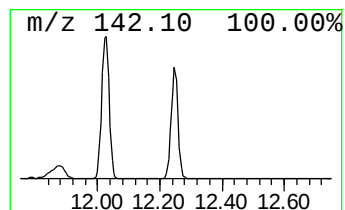
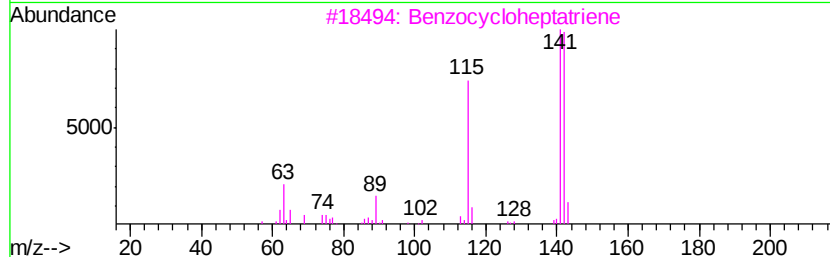
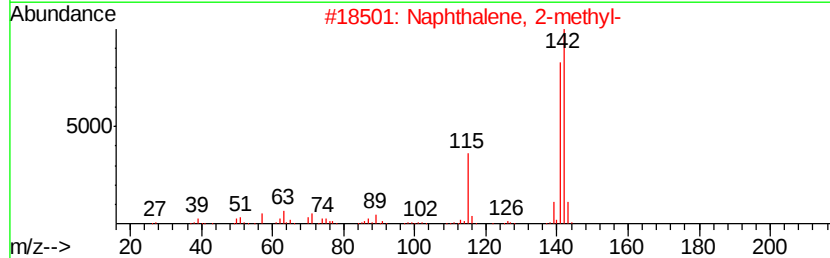
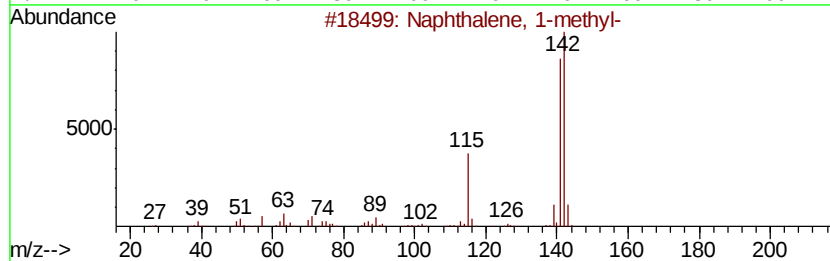
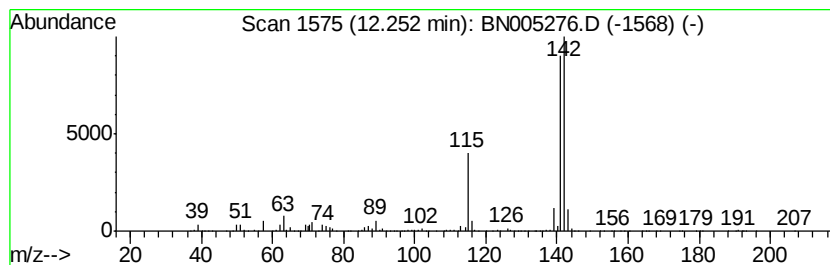
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	10.23 ng/ul	2877540	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Benzocycloheptatriene	142 C11H10	000264-09-5 94
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

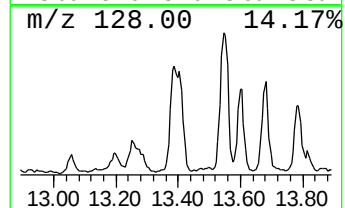
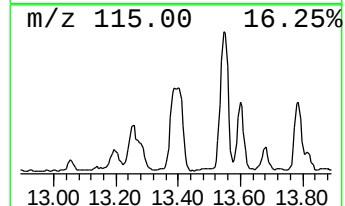
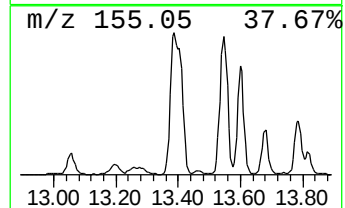
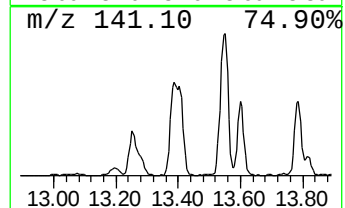
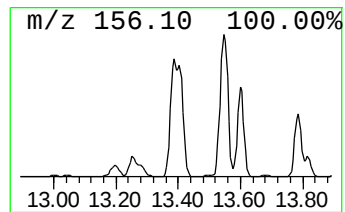
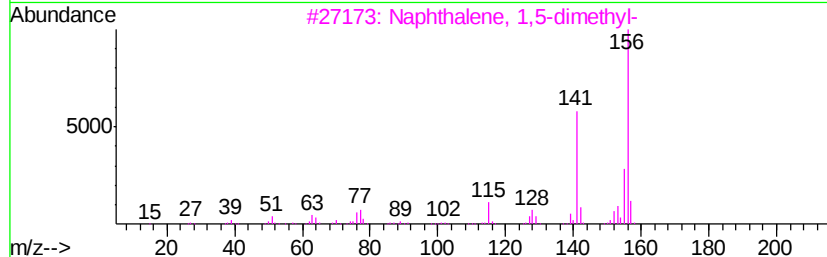
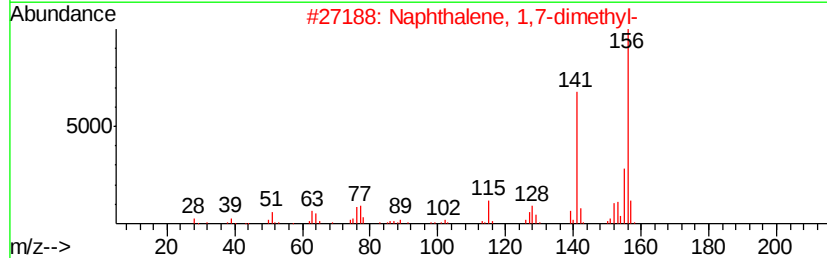
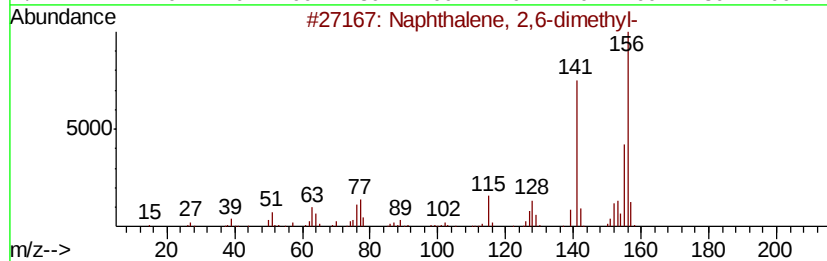
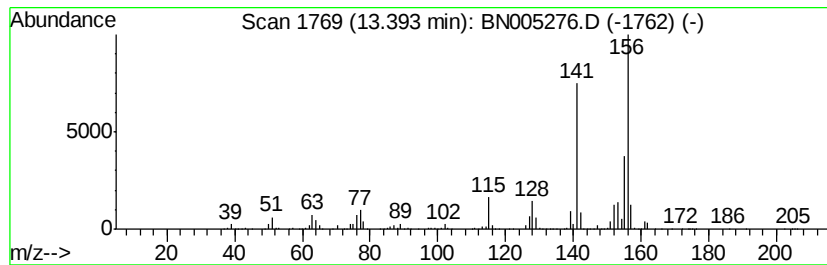
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	6.88 ng/ul	2500270	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
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ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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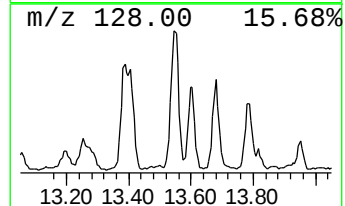
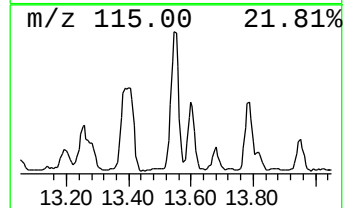
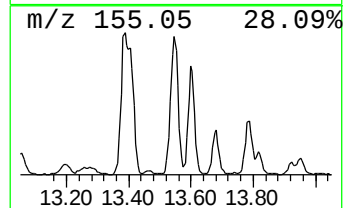
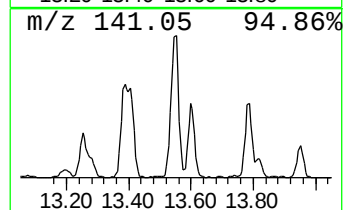
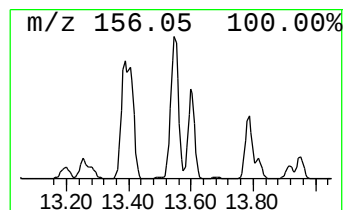
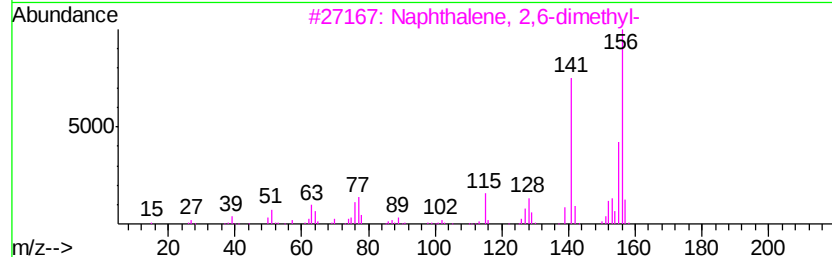
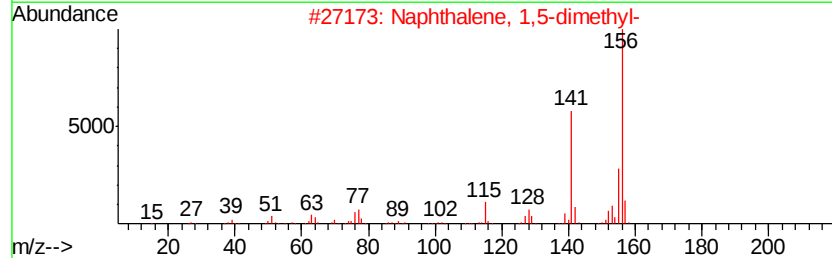
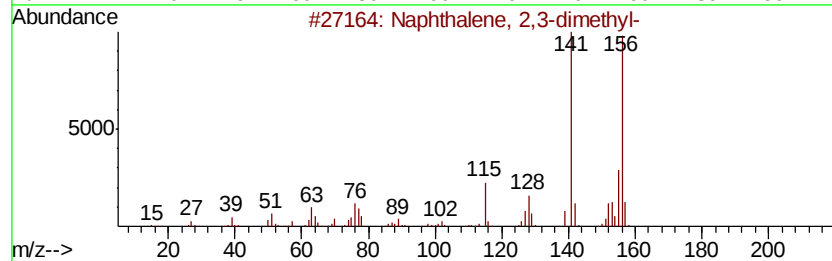
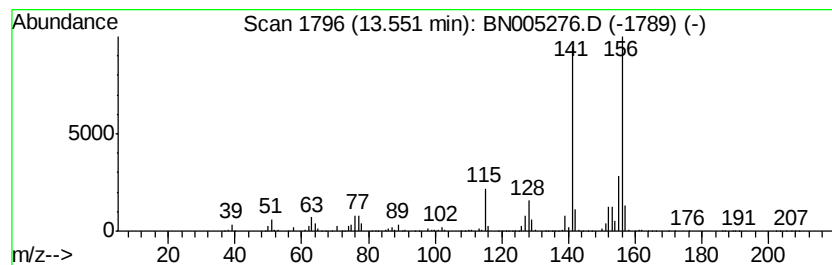
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	9.45 ng/ul	3435210	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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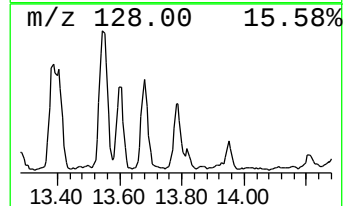
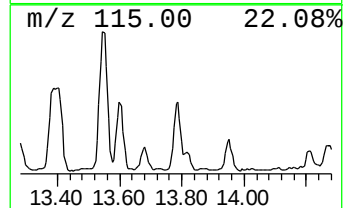
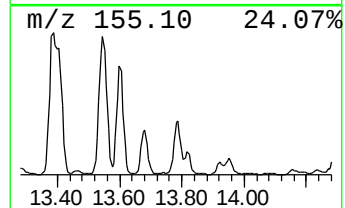
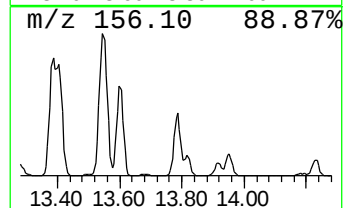
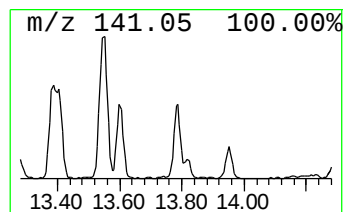
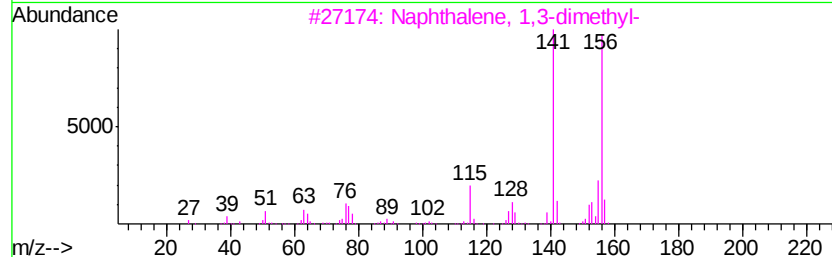
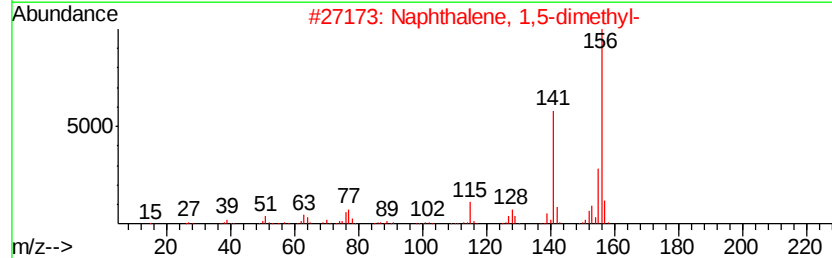
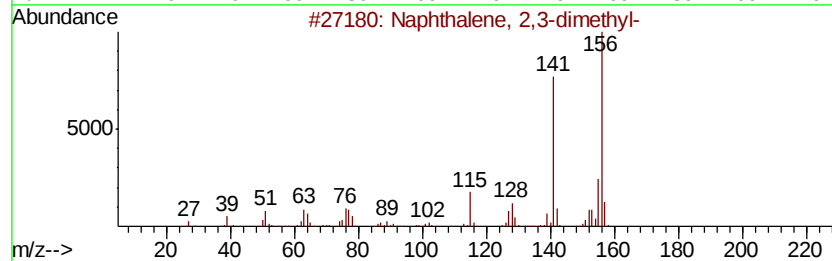
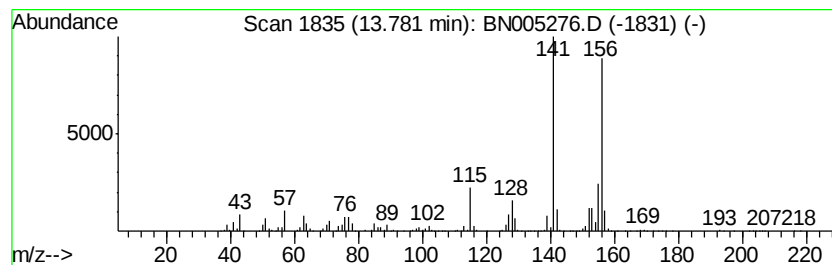
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.21 ng/ul	1529930	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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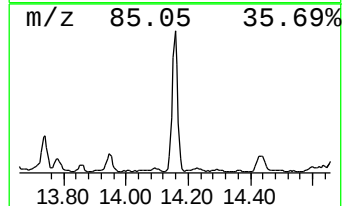
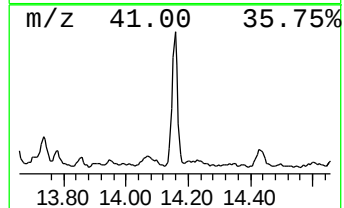
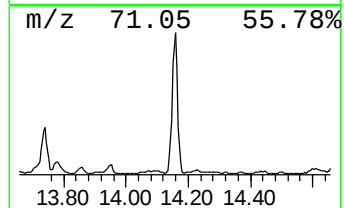
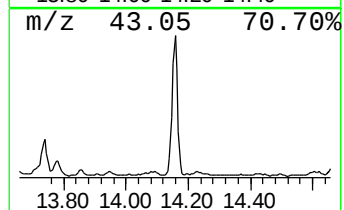
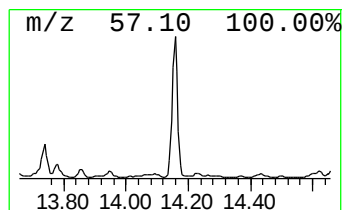
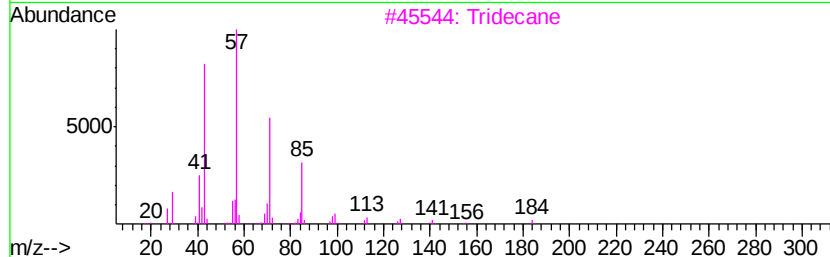
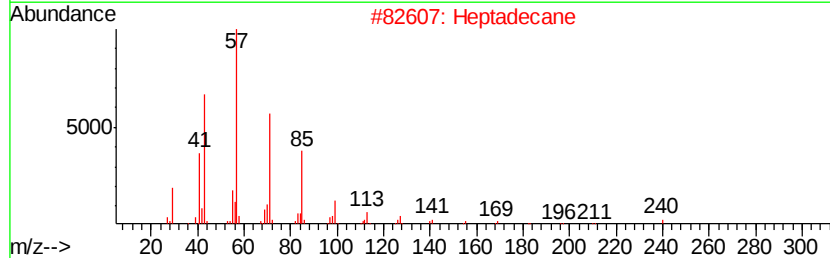
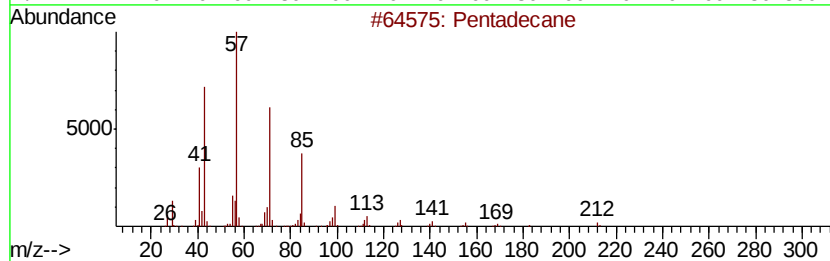
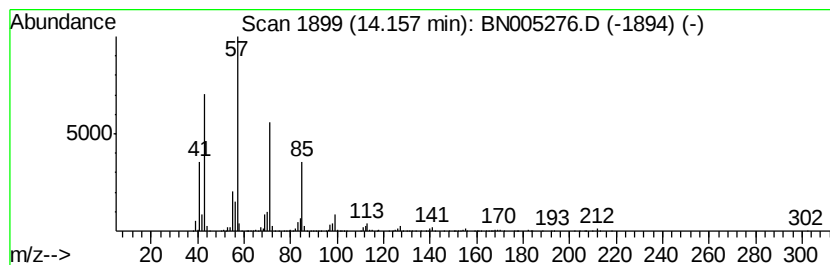
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Quant Title : SVOA CALIBRATION

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.
14.16	5.23 ng/ul	1900670	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tridecane	184	C13H28	000629-50-5	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\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
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Instrument :
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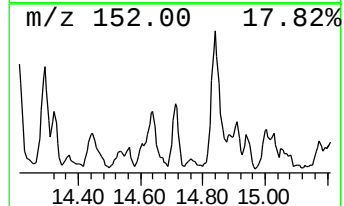
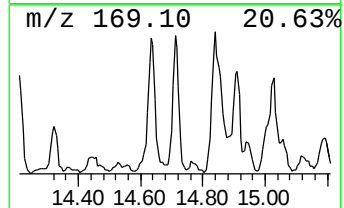
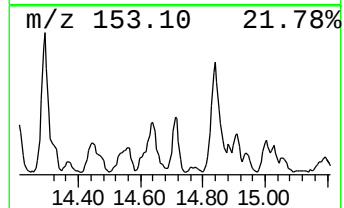
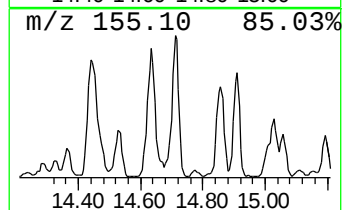
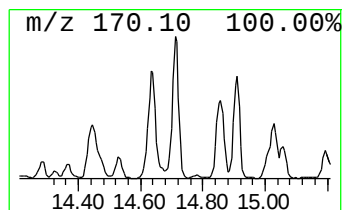
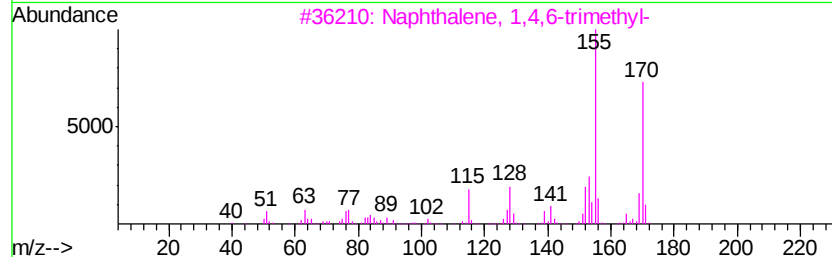
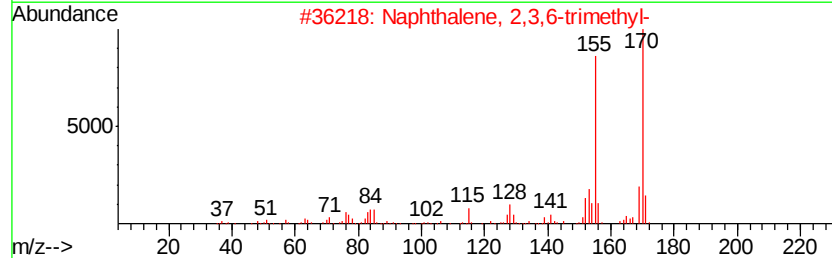
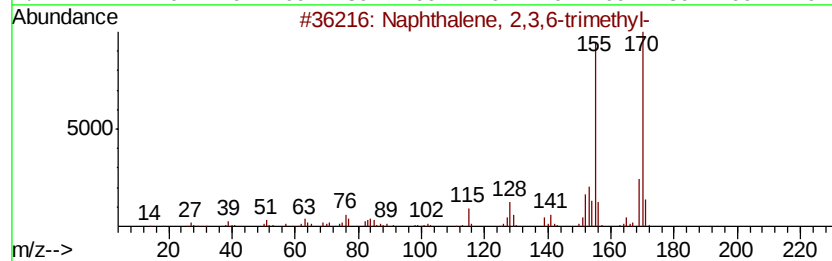
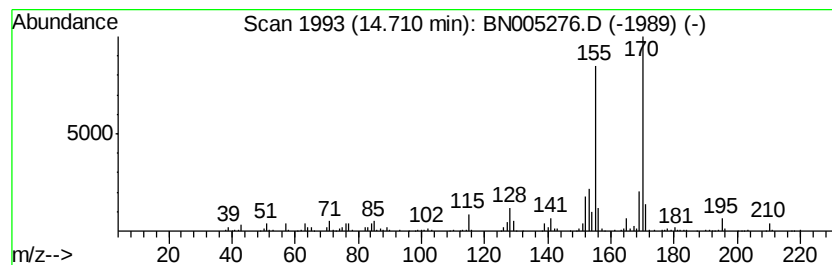
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.36 ng/ul	857982	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	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



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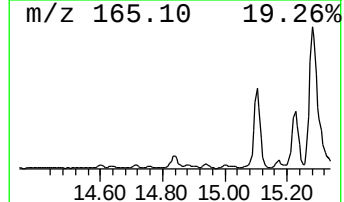
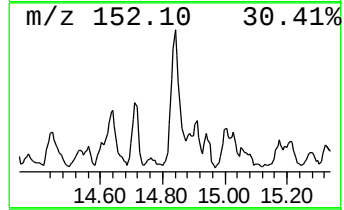
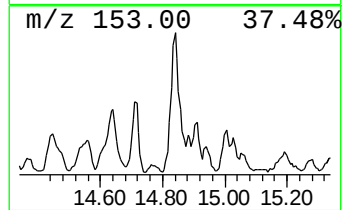
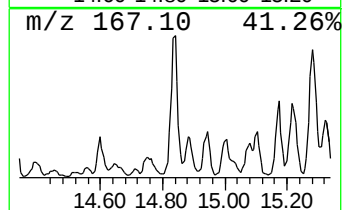
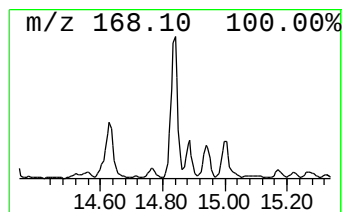
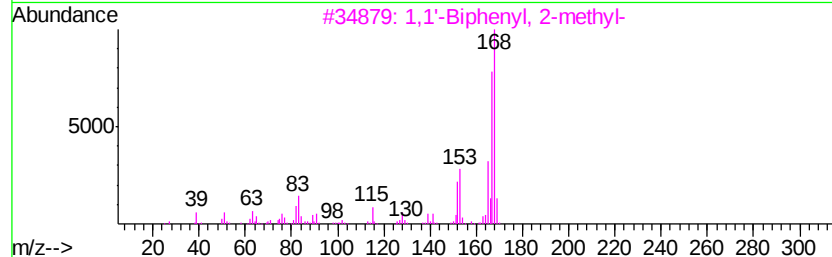
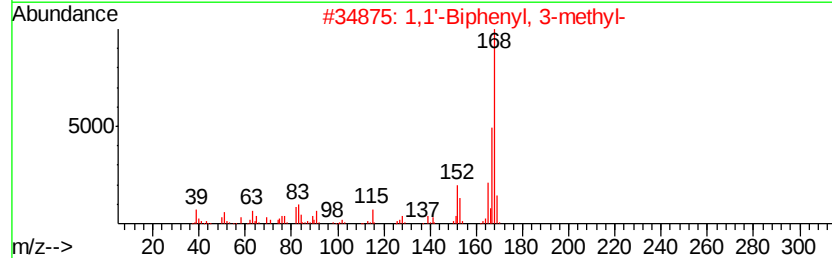
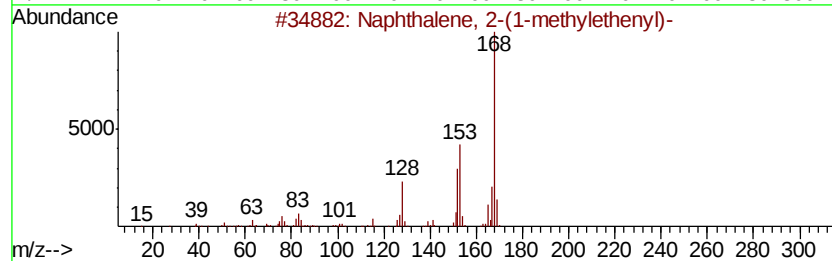
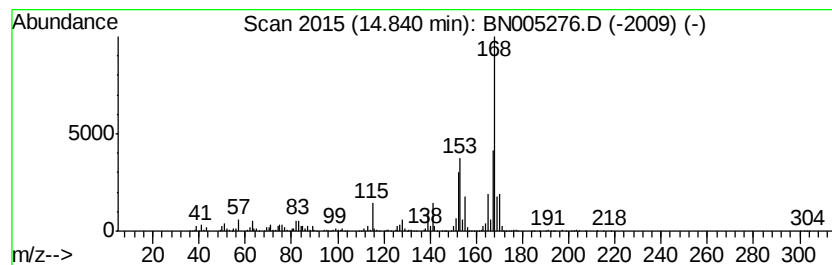
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.53 ng/ul	1648600	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethenvl)-	168 C13H12	003710-23-4 62
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 58
3		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 53
4		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 50
5		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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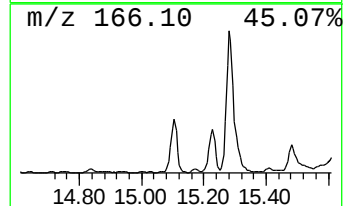
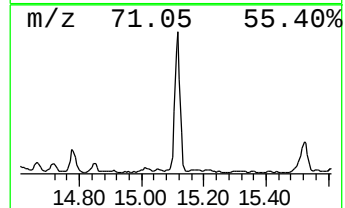
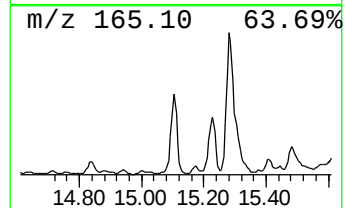
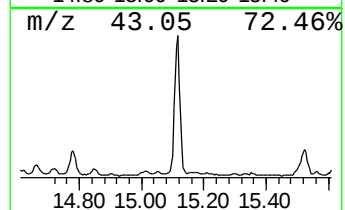
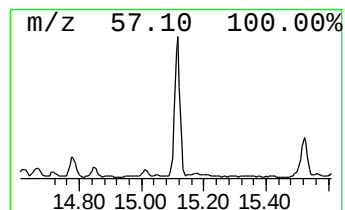
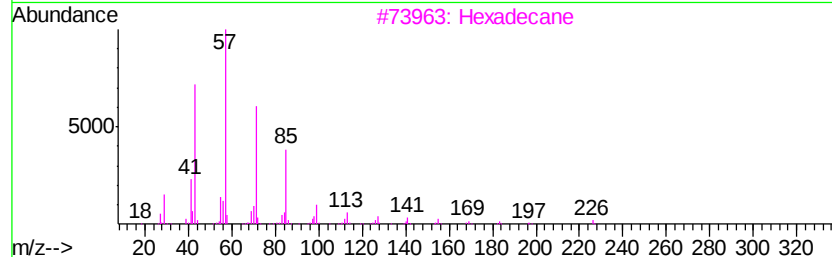
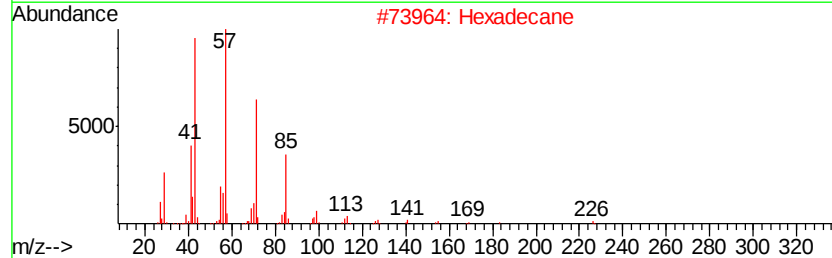
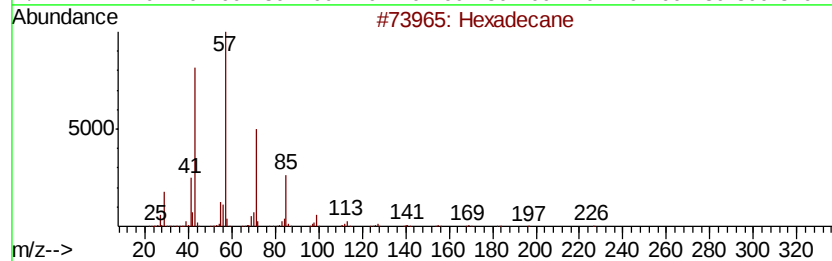
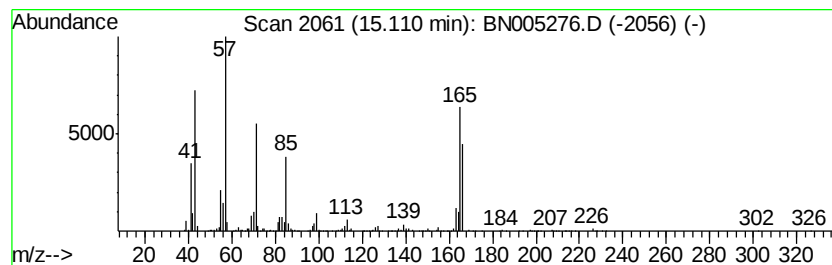
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	5.97 ng/ul	2169480	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Hexadecane	226	C16H34	000544-76-3	70
3			Hexadecane	226	C16H34	000544-76-3	50
4			Hexadecane	226	C16H34	000544-76-3	47
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS0

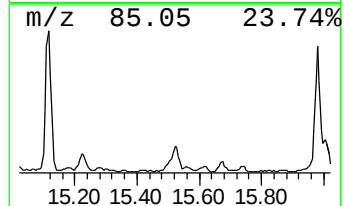
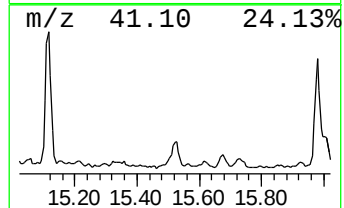
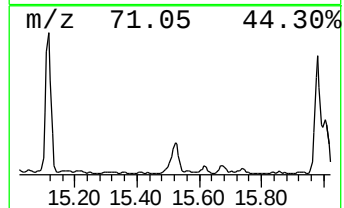
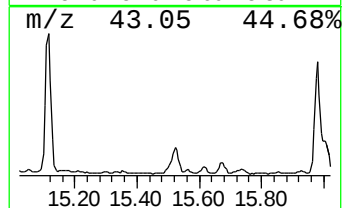
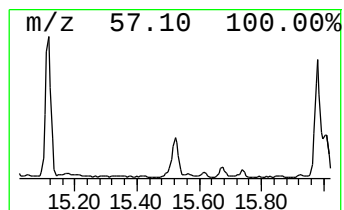
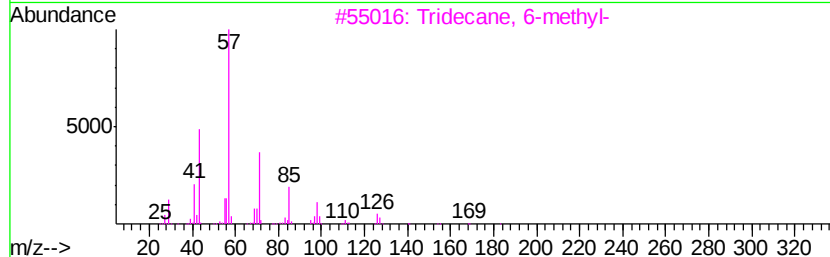
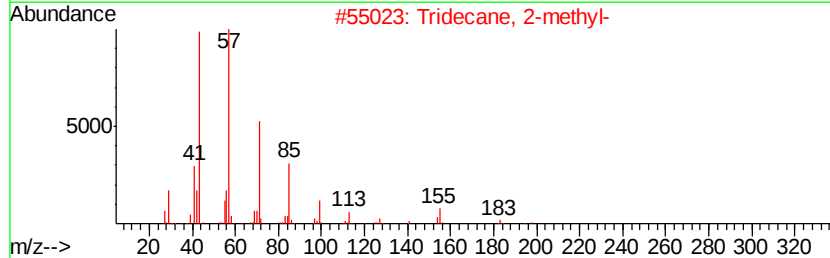
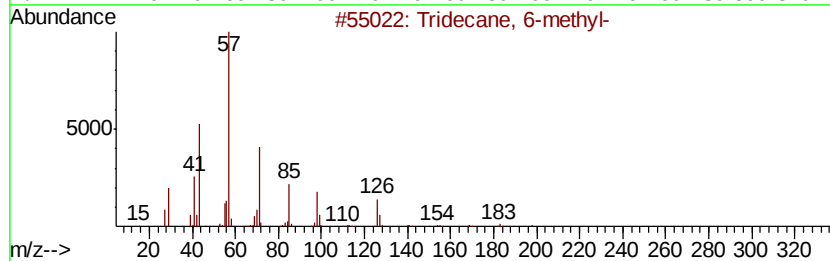
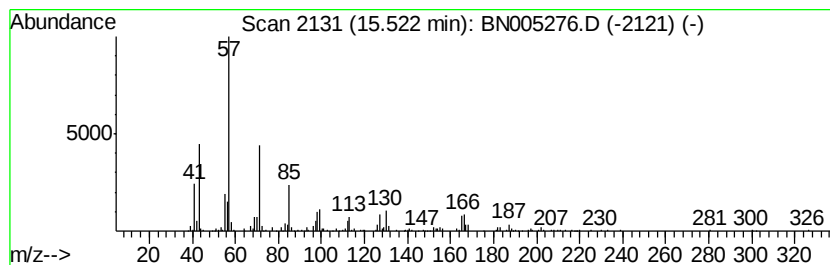
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.18 ng/ul	1155750	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
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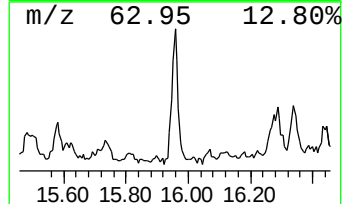
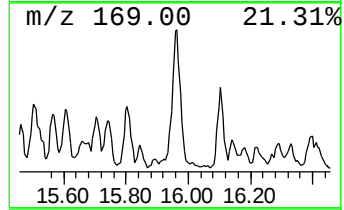
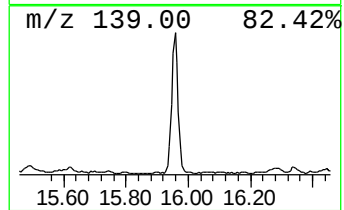
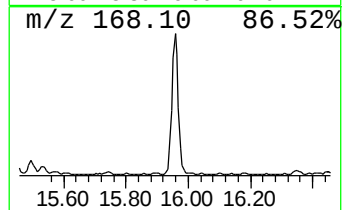
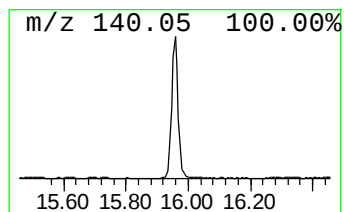
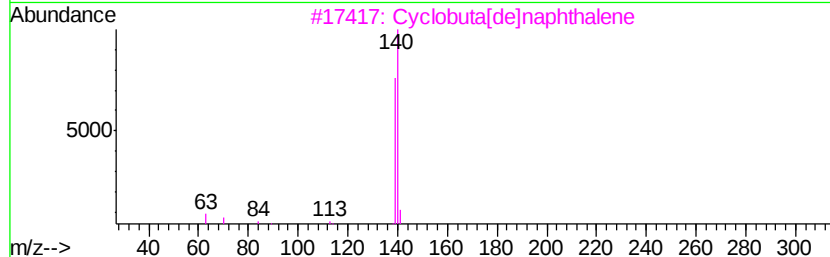
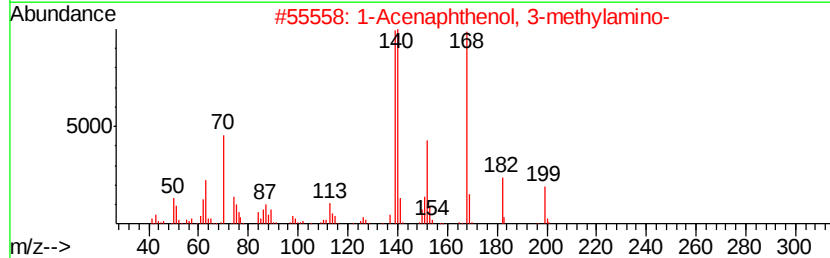
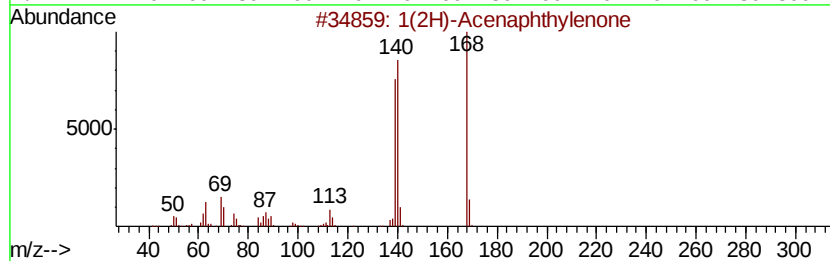
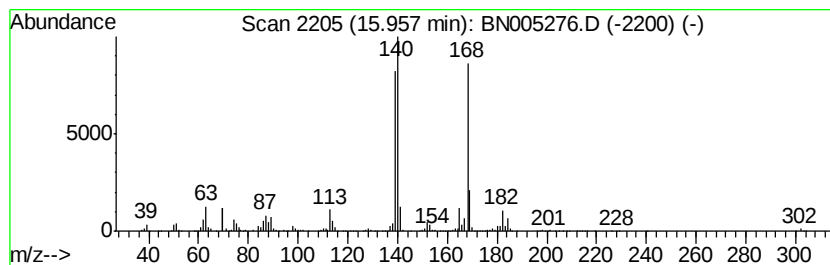
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1(2H)-Acenaphthylenone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.44 ng/ul	1245670	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
2		1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	50
3		Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
4		Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	46
5		Dibenzofuran	168	C12H8O	000132-64-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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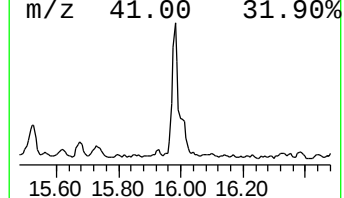
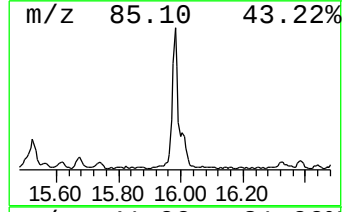
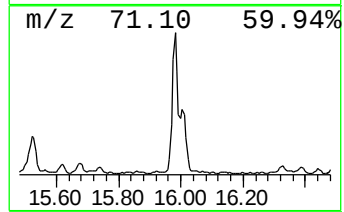
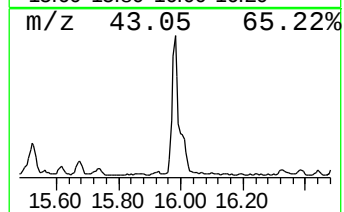
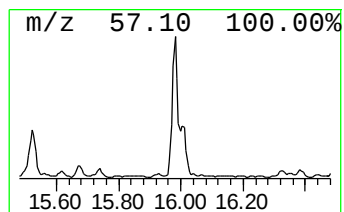
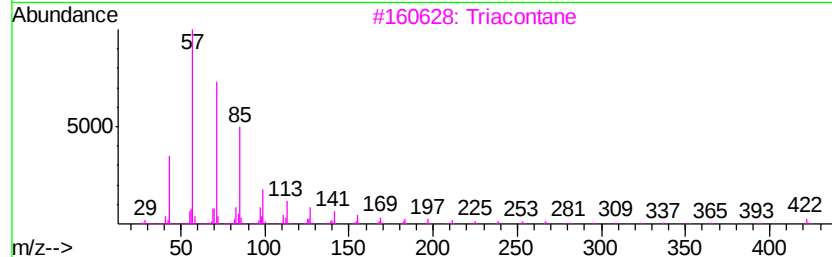
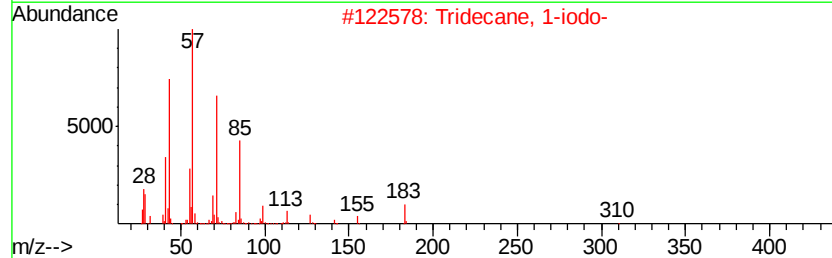
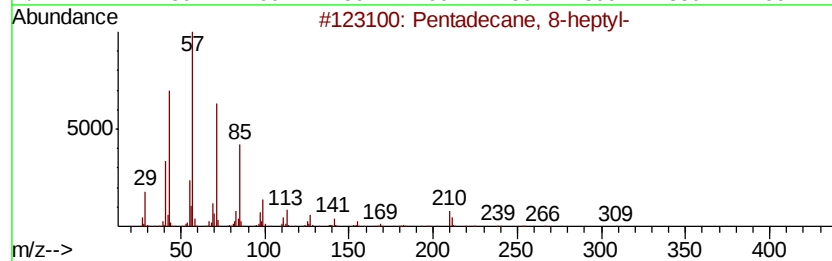
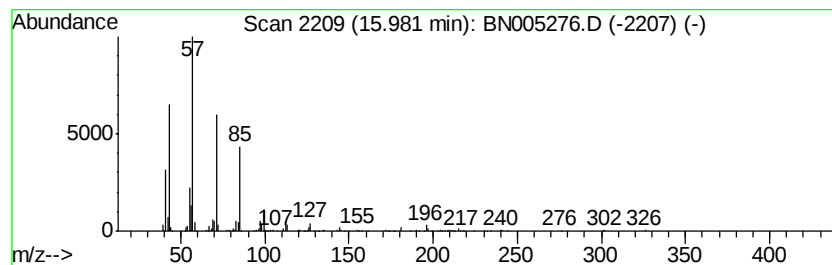
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.13 ng/ul	770349	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3			triacontane	422	C30H62	000638-68-6	78
4			Heptadecane	240	C17H36	000629-78-7	78
5			Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
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Instrument :
BNA_N
ClientSampleId :
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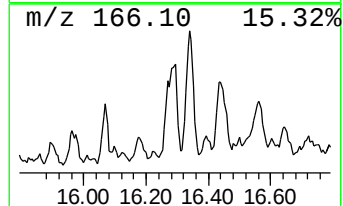
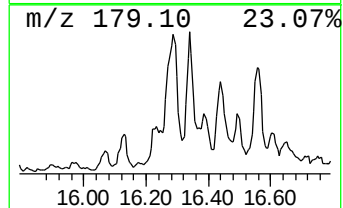
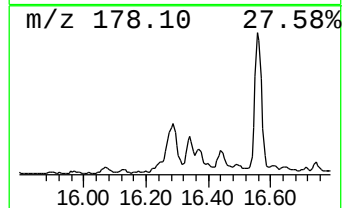
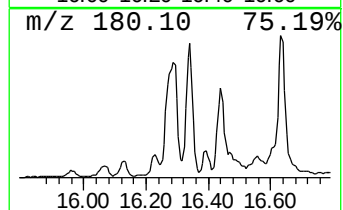
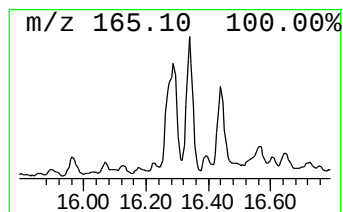
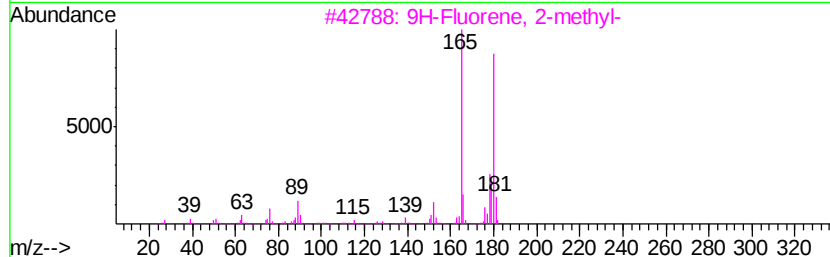
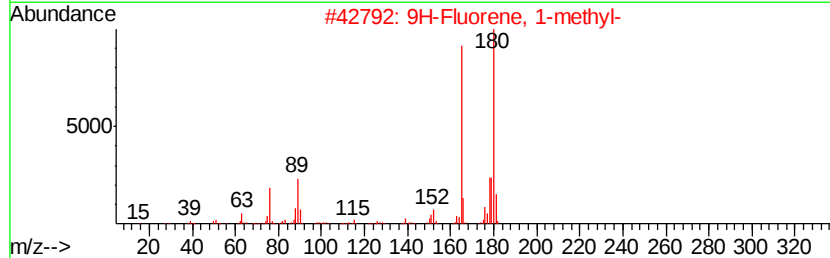
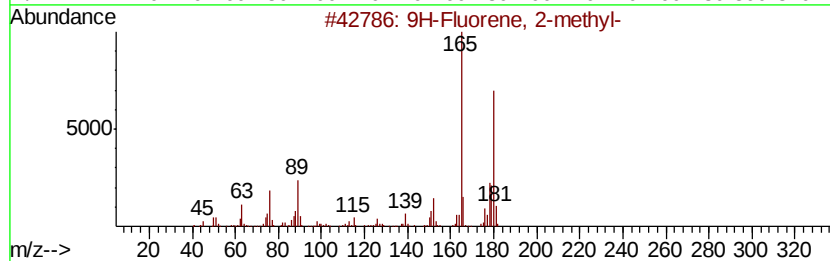
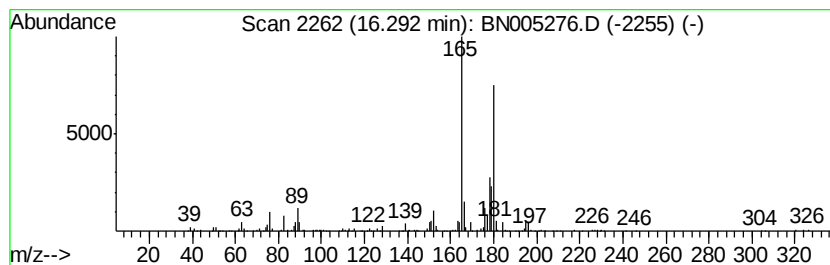
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.53 ng/ul	915415	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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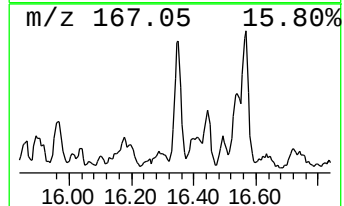
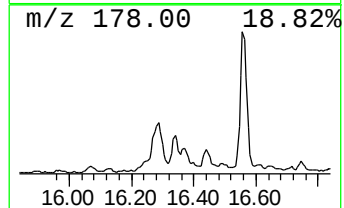
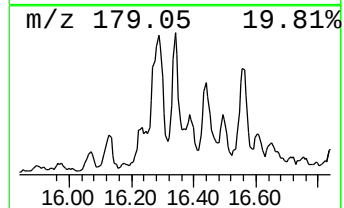
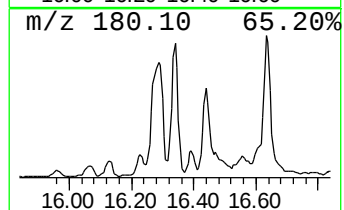
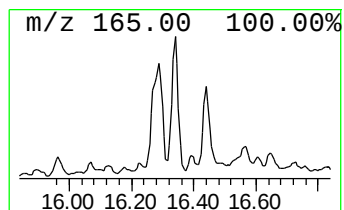
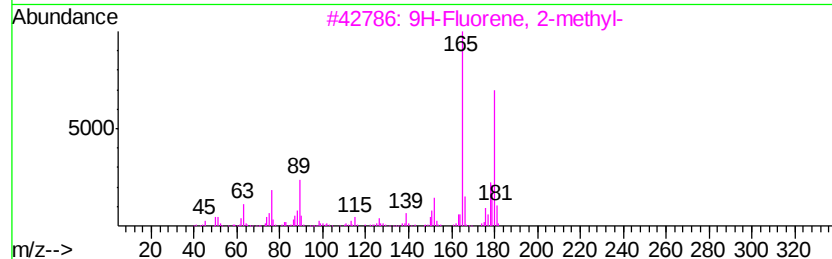
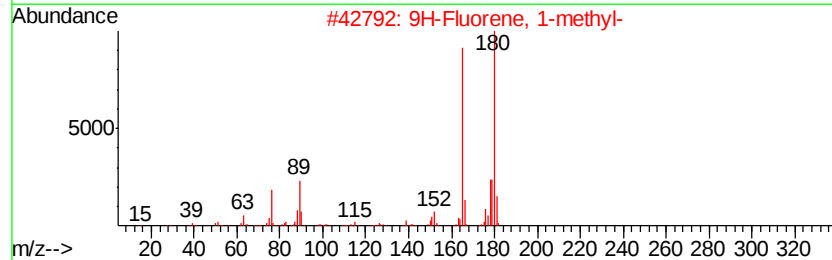
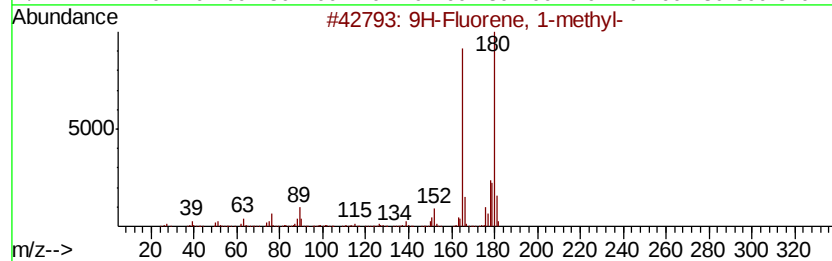
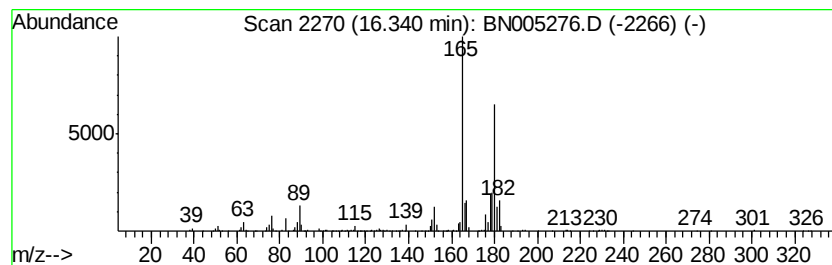
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.43 ng/ul	878798	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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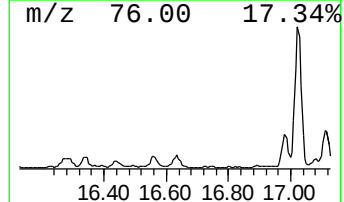
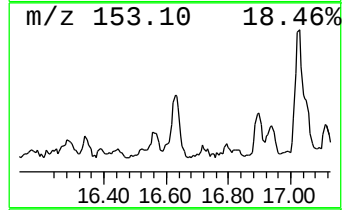
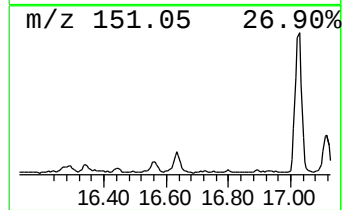
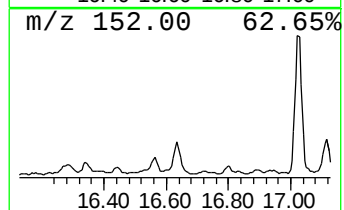
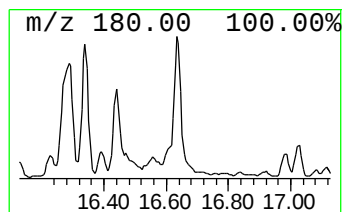
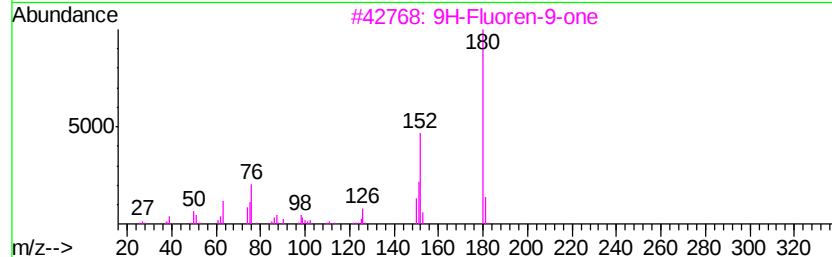
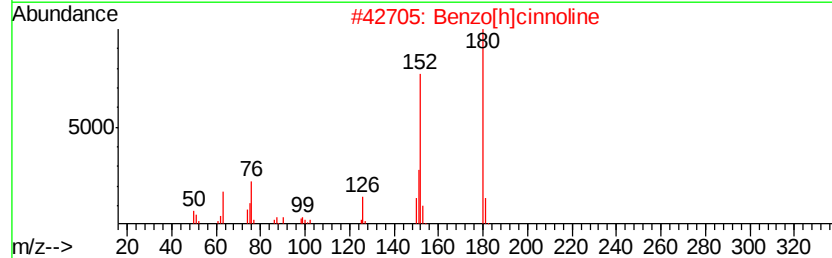
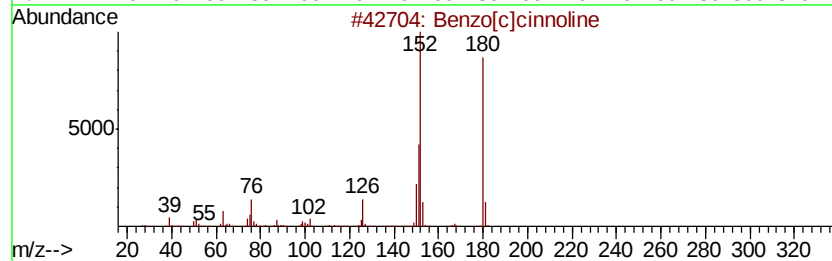
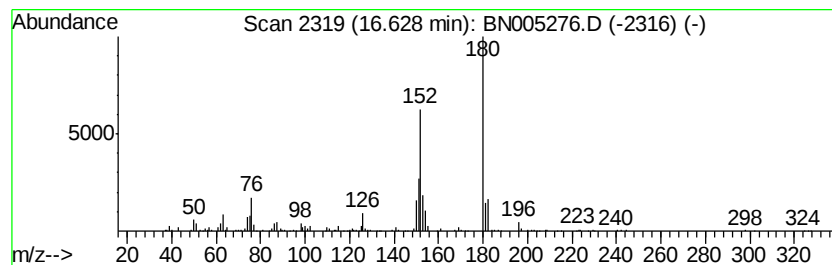
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzo[c]cinnoline Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.63	2.11 ng/ul	763375	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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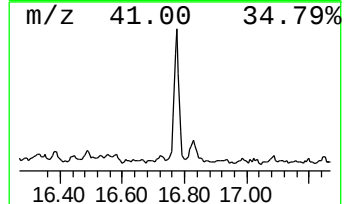
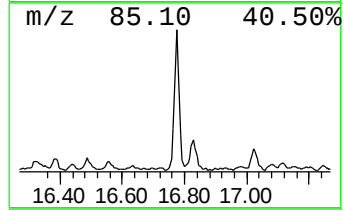
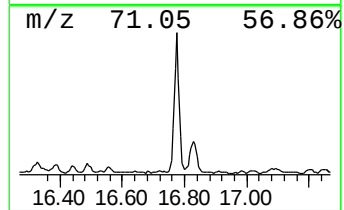
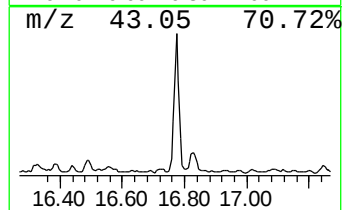
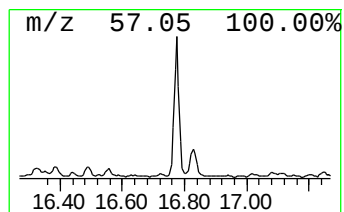
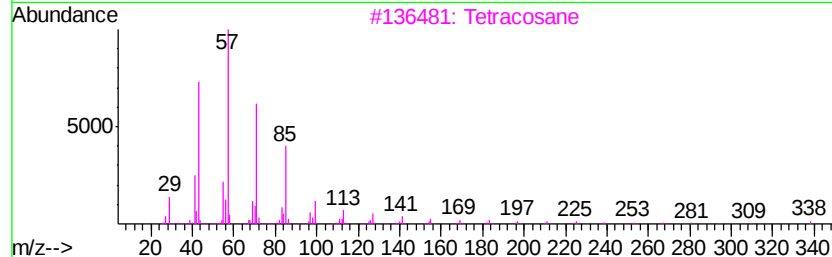
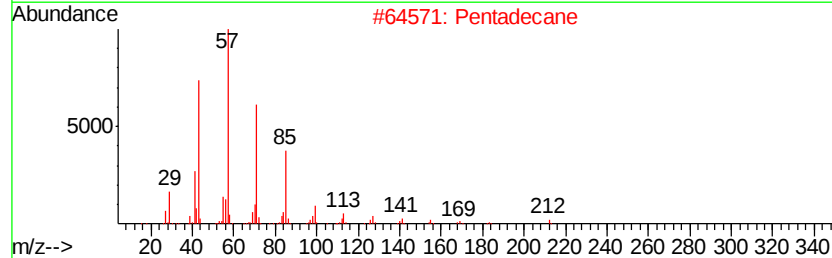
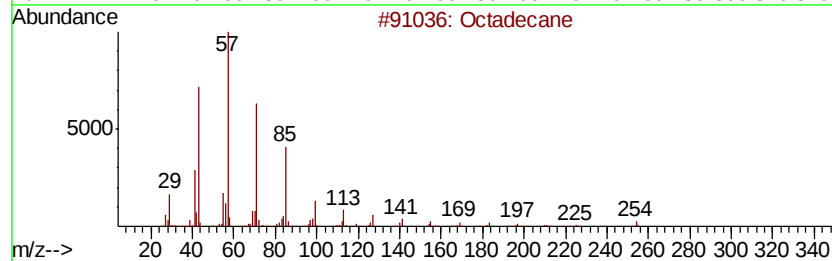
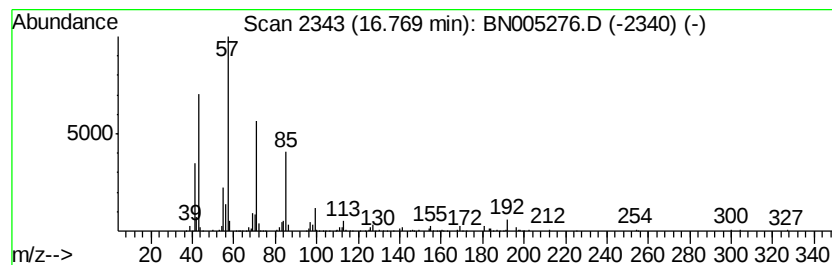
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.32 ng/ul	839622	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Pentadecane	212	C15H32	000629-62-9	91
3			Tetracosane	338	C24H50	000646-31-1	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS0

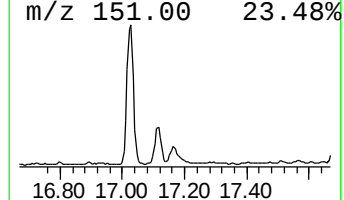
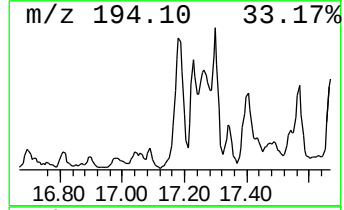
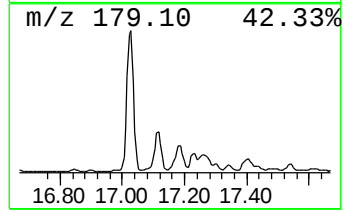
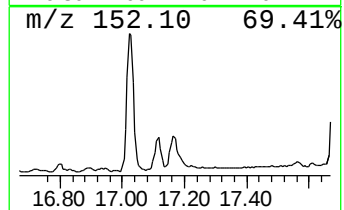
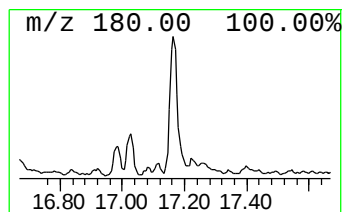
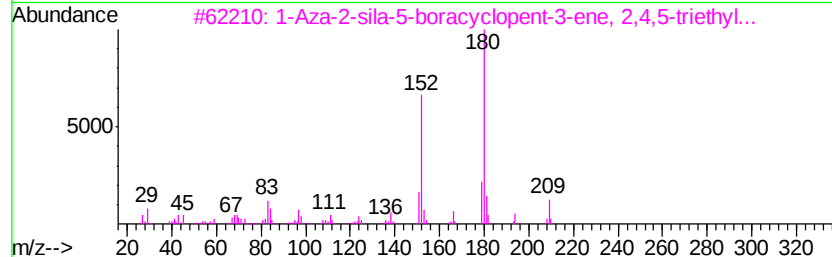
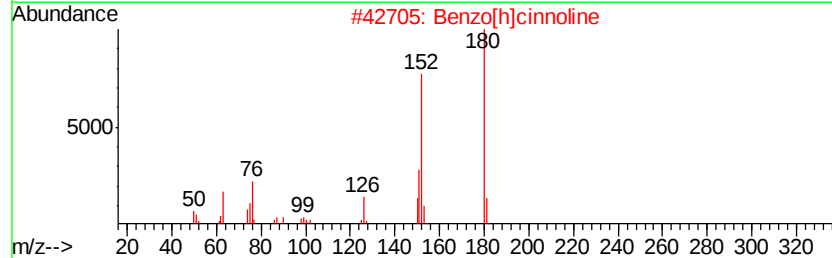
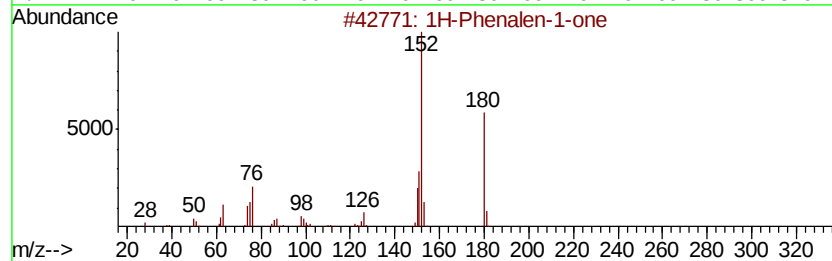
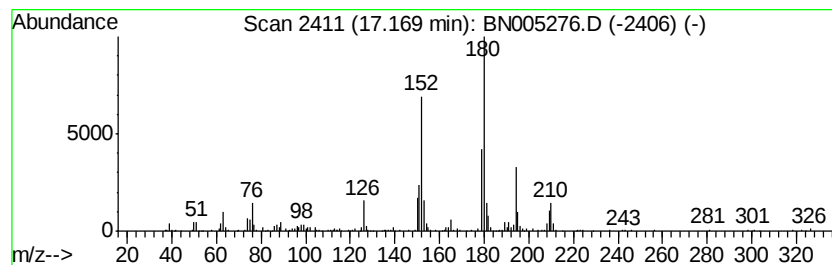
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1H-Phenalen-1-one Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.61 ng/ul	942998	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3		1-Aza-2-sila-5-boracyclopent-3-e...	209	C11H24BNSi	122293-26-9	58
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS0

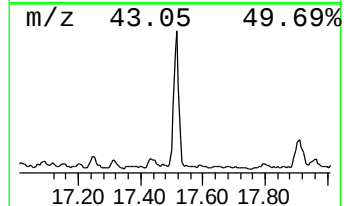
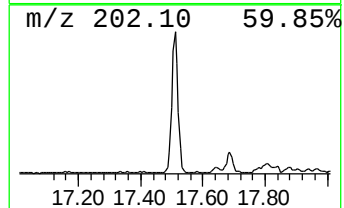
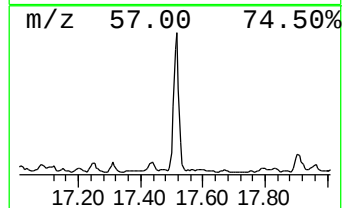
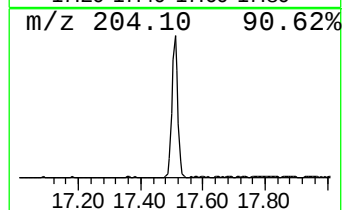
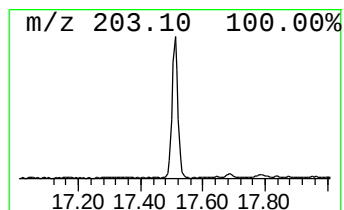
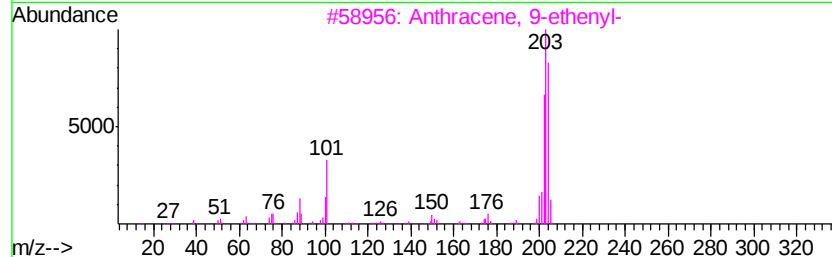
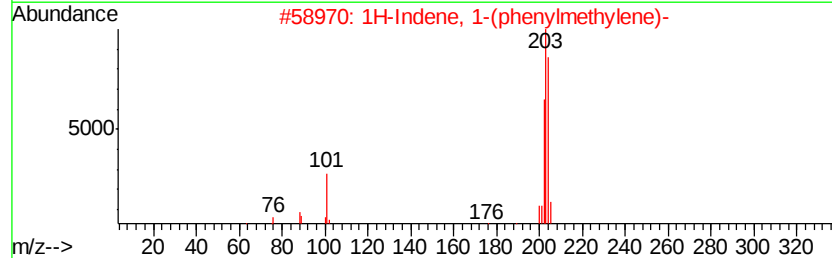
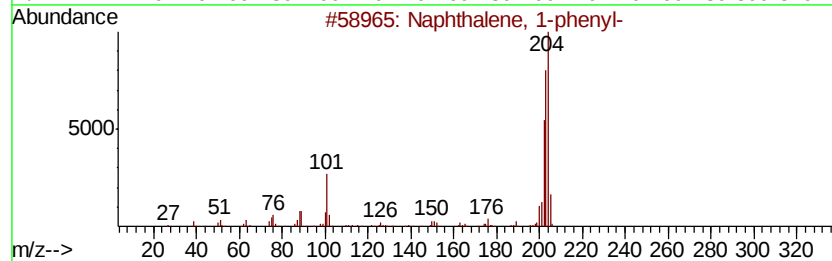
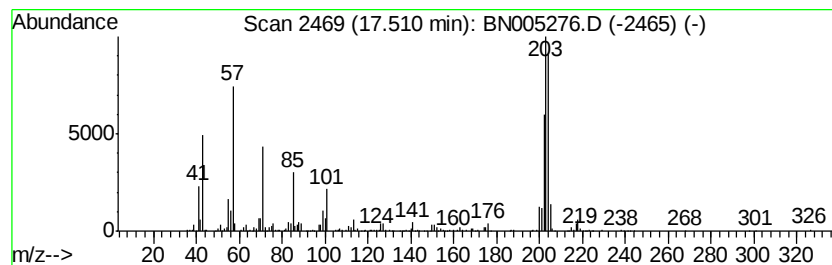
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1-phenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.64 ng/ul	956402	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
2		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	53
3		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	53
4		Pvrene, 4,5-dihydro-	204	C16H12	006628-98-4	52
5		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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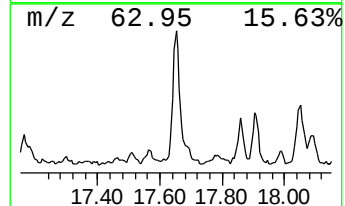
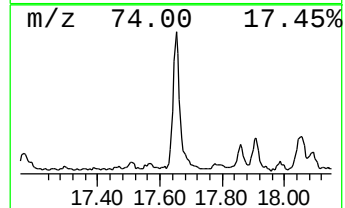
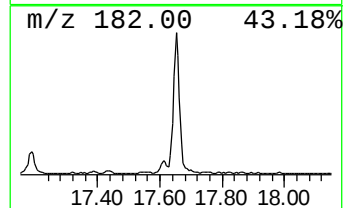
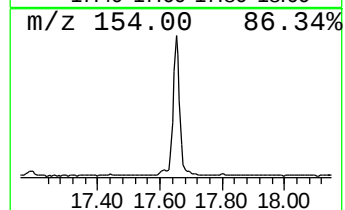
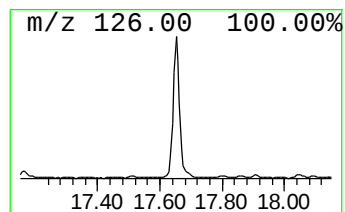
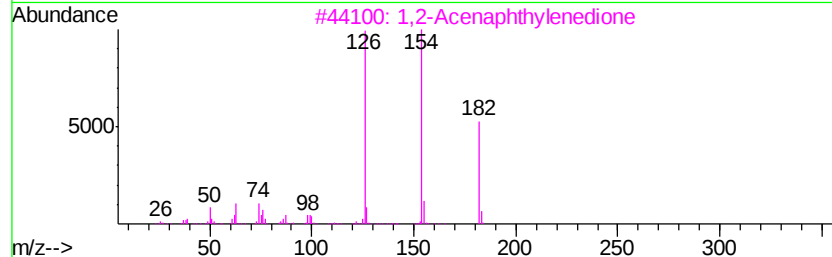
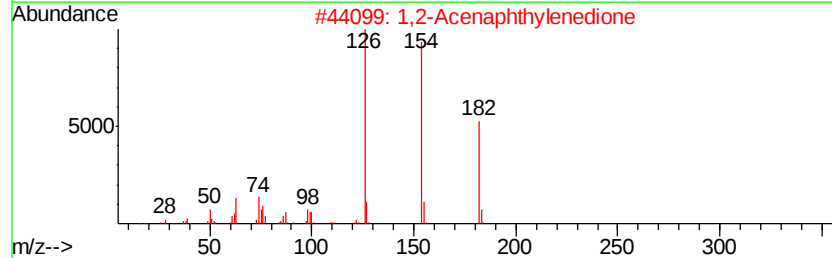
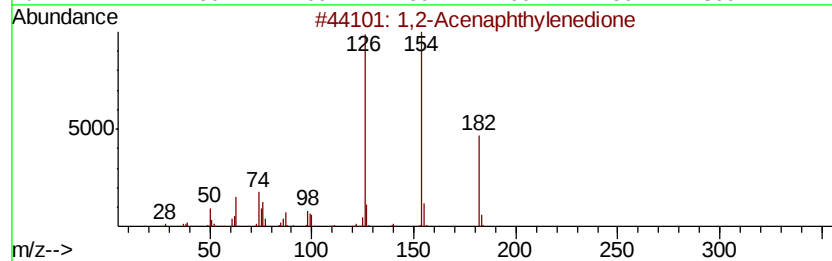
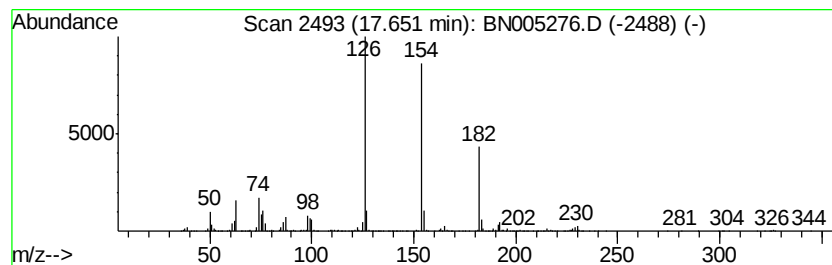
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,2-Acenaphthylenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	5.57 ng/ul	2015280	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
2		1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
3		1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
4		1H-Benz[flindene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	95
5		1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

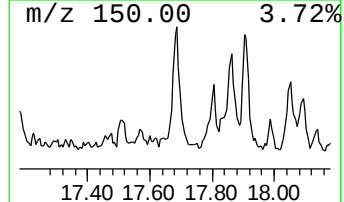
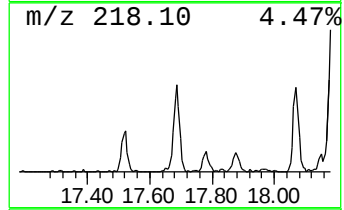
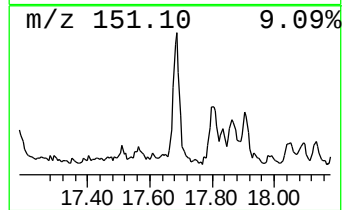
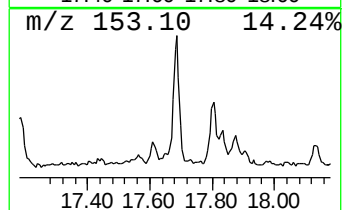
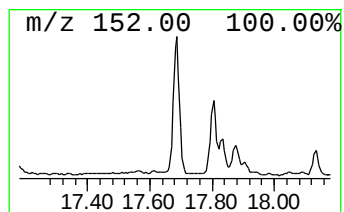
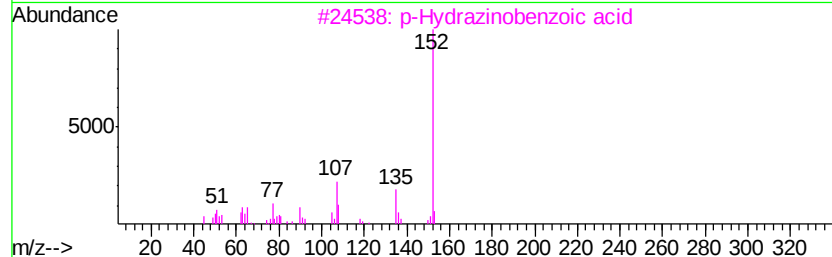
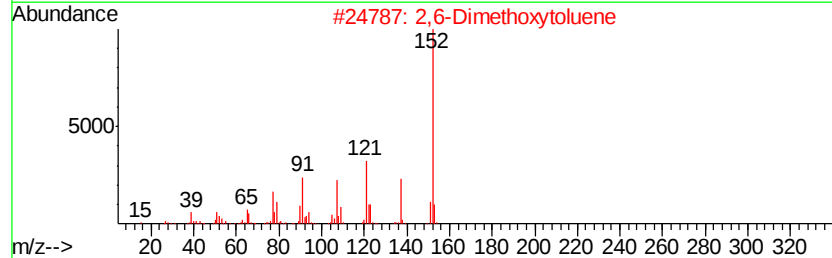
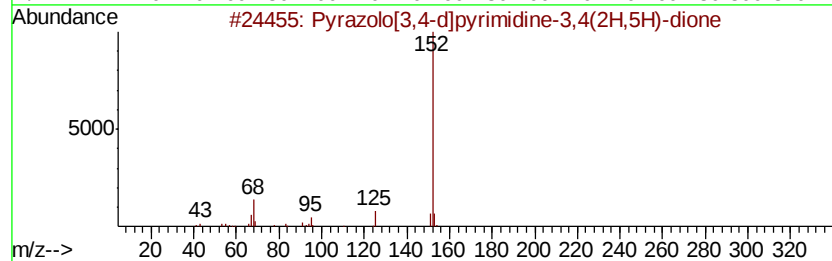
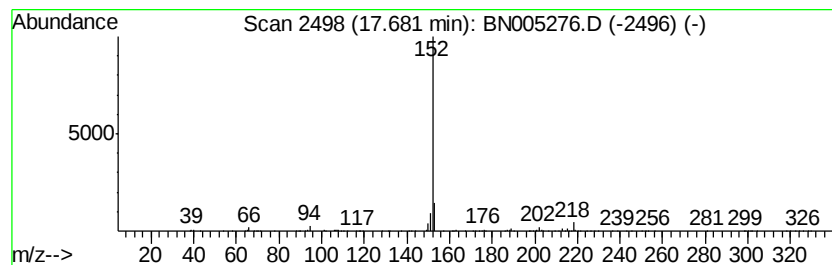
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Pyrazolo[3,4-d]pyrimidine-3... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.68	3.95 ng/ul	1430530	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo[3,4-d]pyrimidine-3,4(2H...	152	C5H4N4O2	128850-53-3	50
2	2,6-Dimethoxytoluene	152	C9H12O2	005673-07-4	9
3	p-Hydrazinobenzoic acid	152	C7H8N2O2	000619-67-0	9
4	Tisopurine	152	C5H4N4S	005334-23-6	9
5	Cyclopentanecarboxylic acid octa...	265	C16H27NO2	1000294-39-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS0

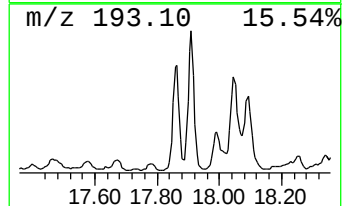
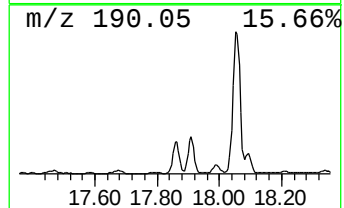
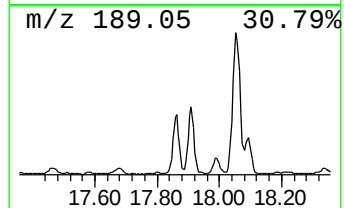
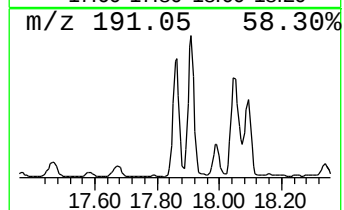
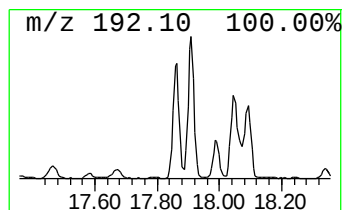
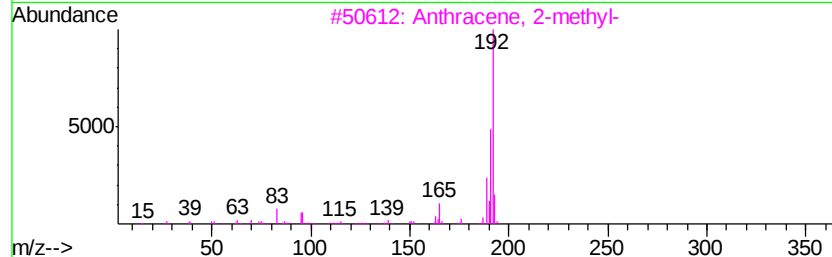
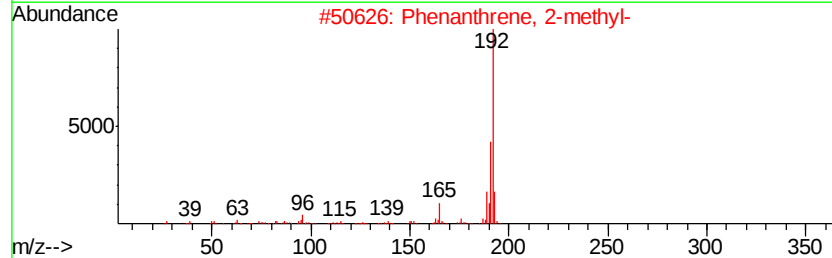
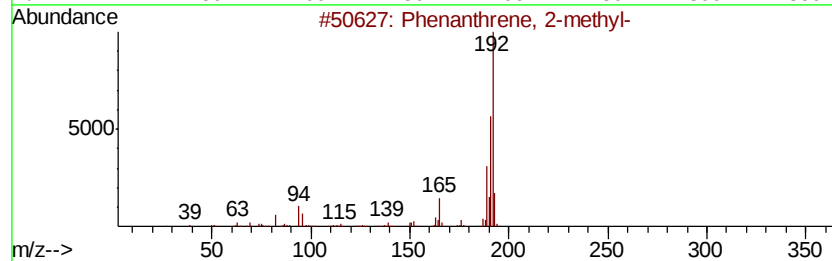
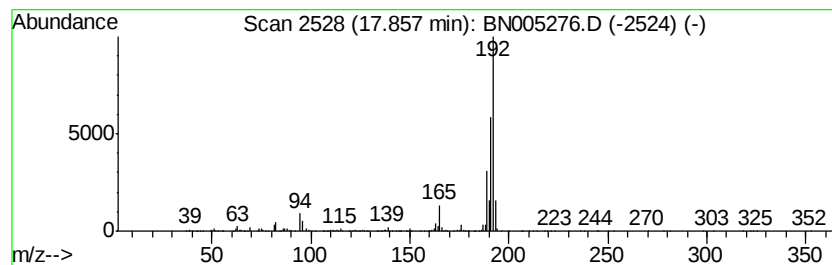
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	7.33 ng/ul	2651100	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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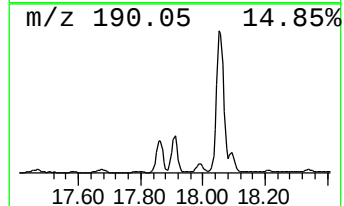
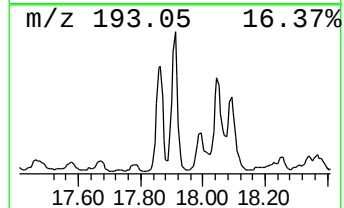
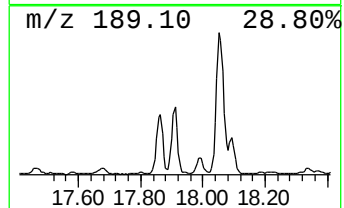
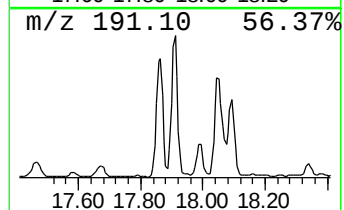
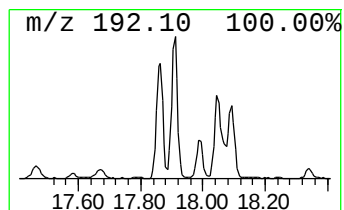
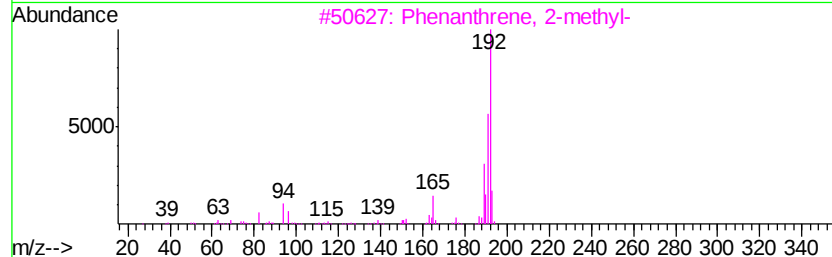
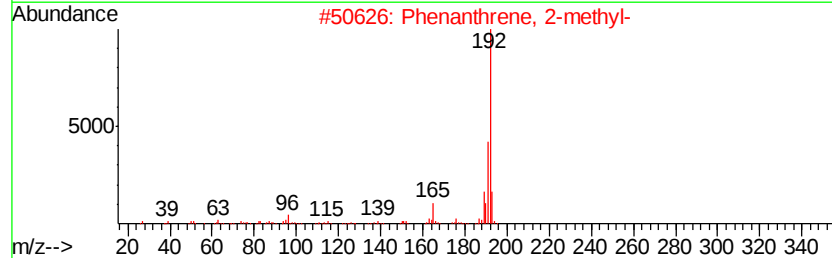
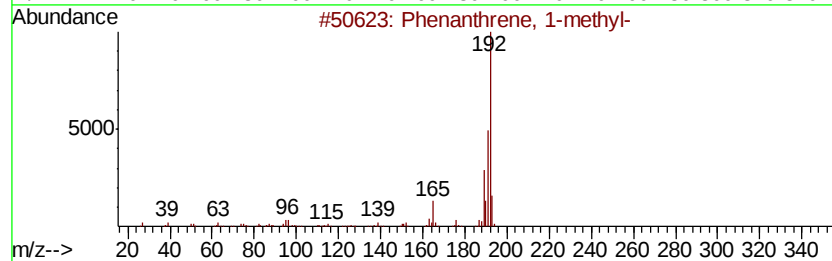
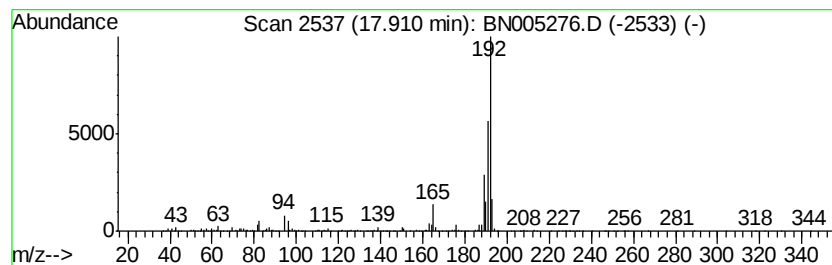
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	9.28 ng/ul	3356910	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



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Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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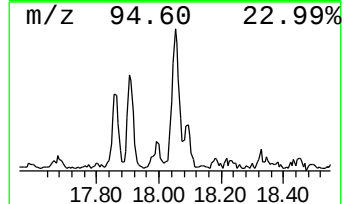
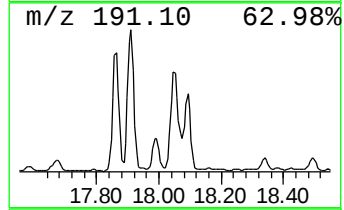
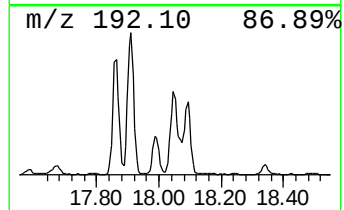
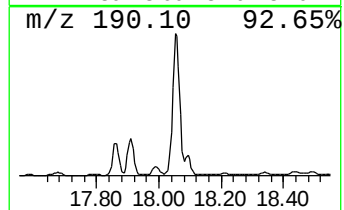
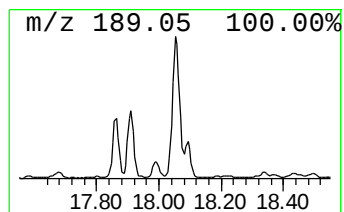
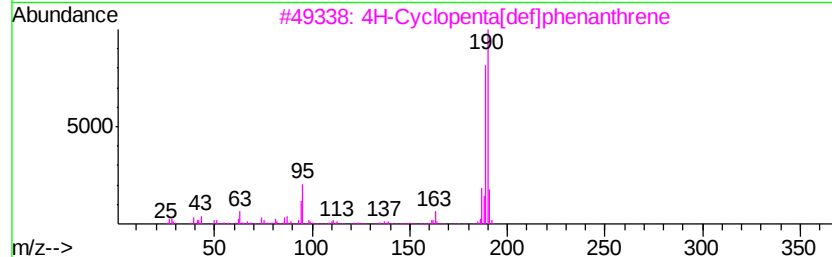
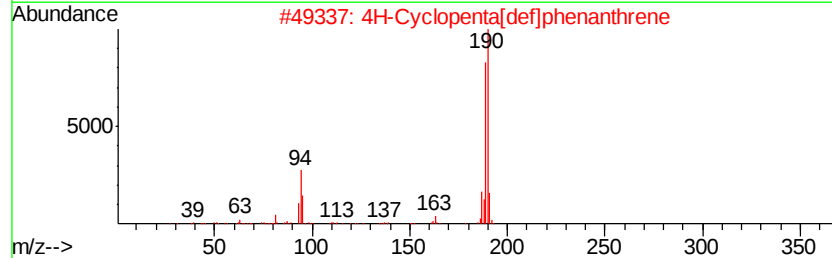
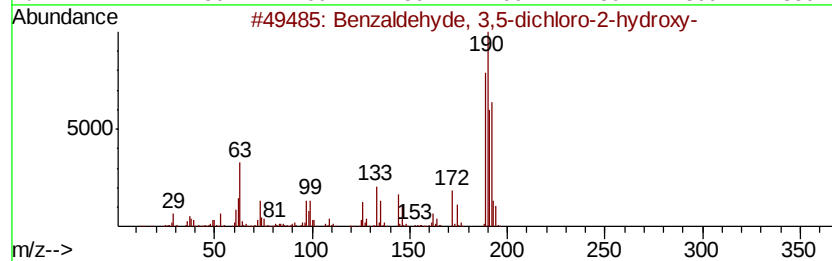
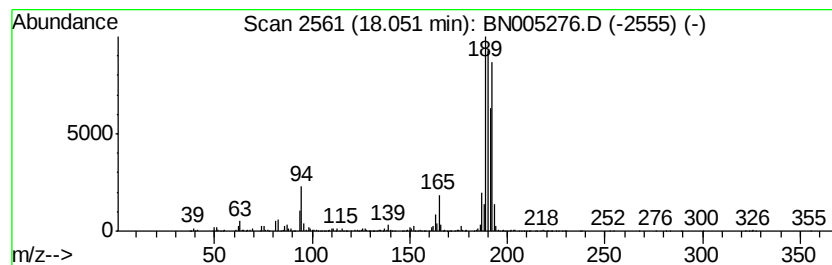
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	11.62 ng/ul	4204060	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	49
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
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ClientSampleId :
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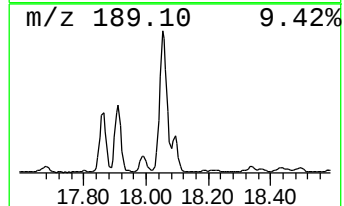
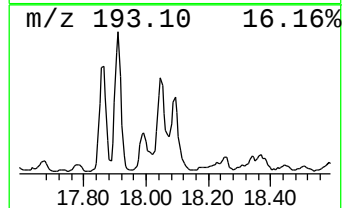
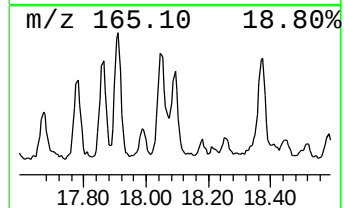
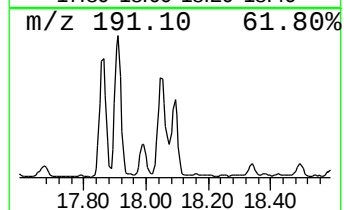
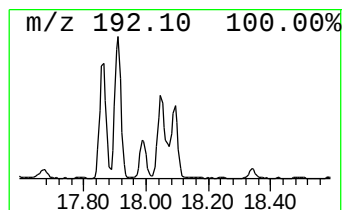
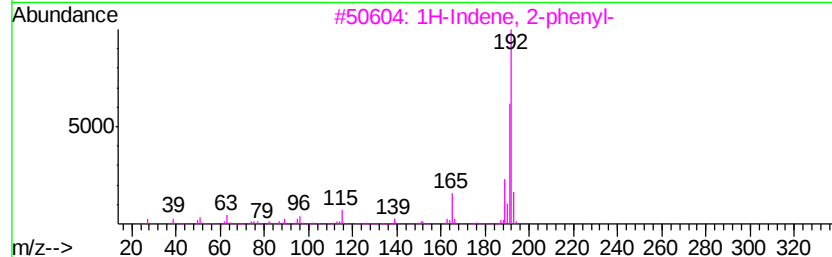
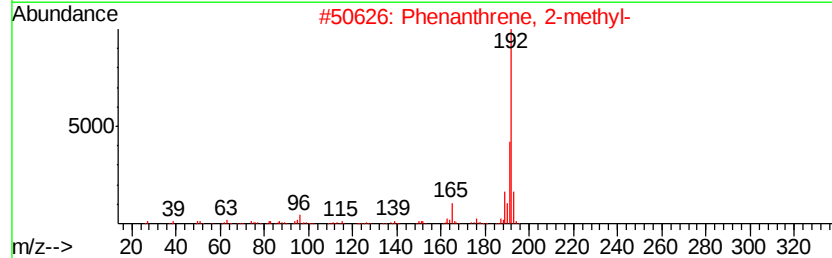
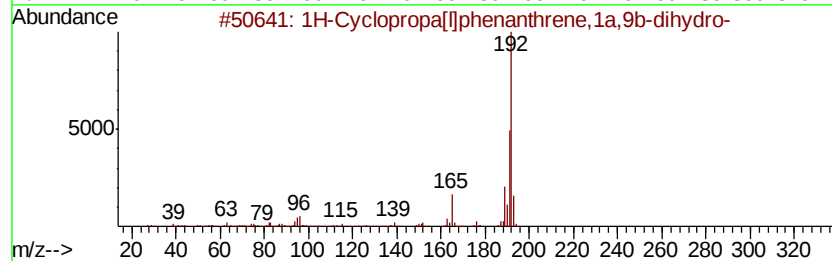
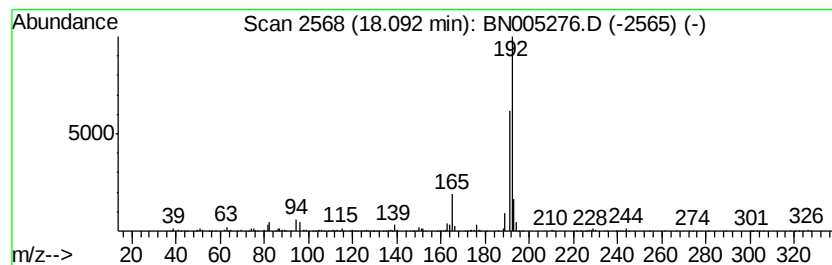
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1H-Cyclopropa[l]phenanthren... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.23 ng/ul	1532350	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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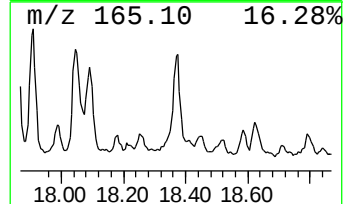
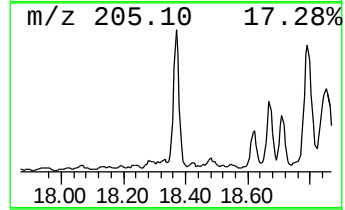
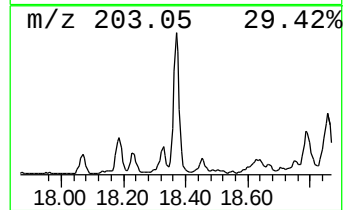
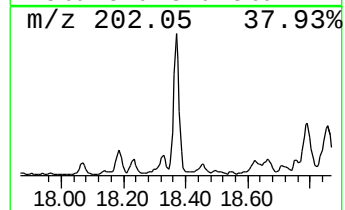
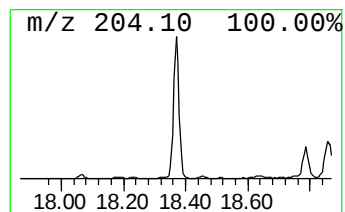
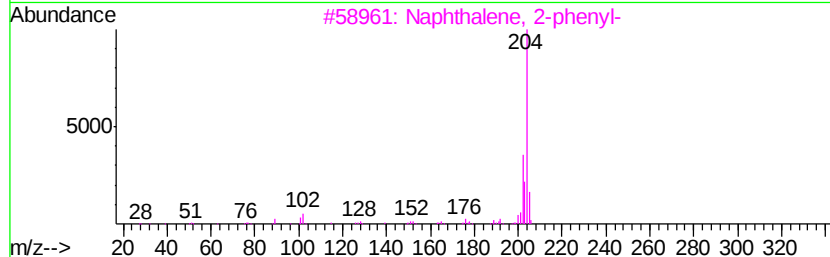
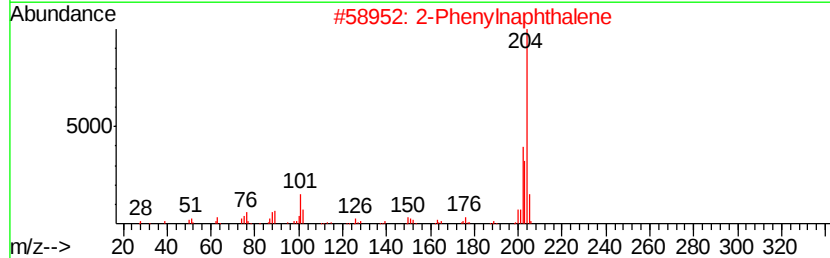
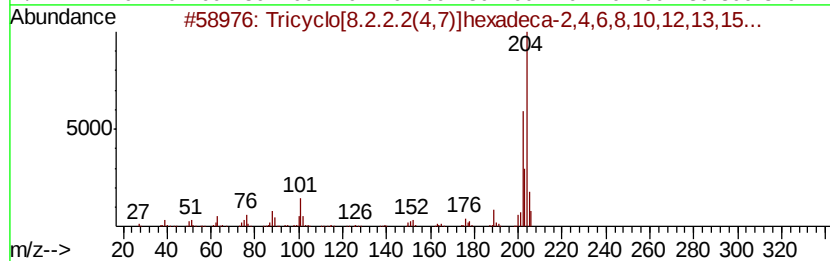
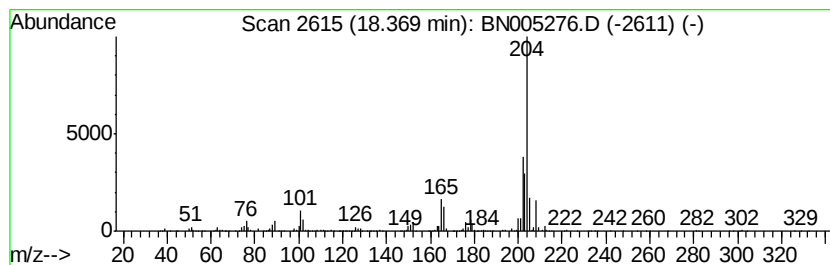
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.42 ng/ul	1962330	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	70
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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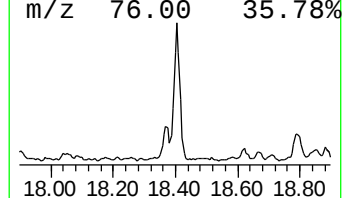
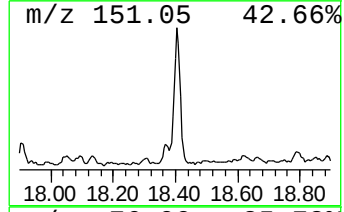
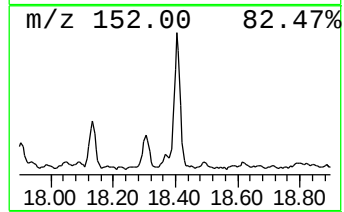
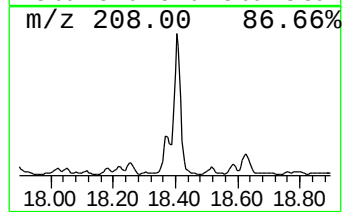
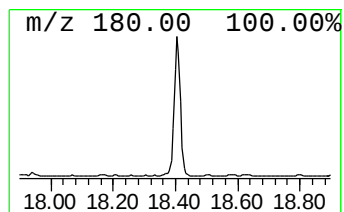
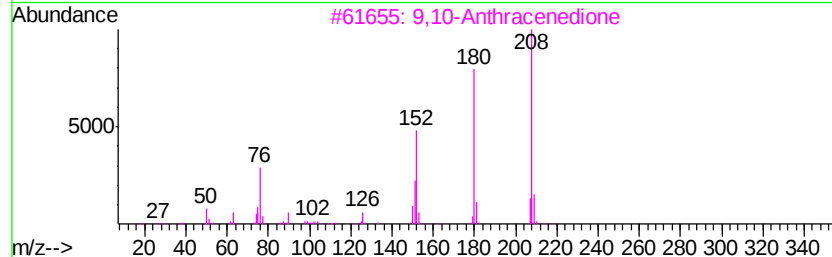
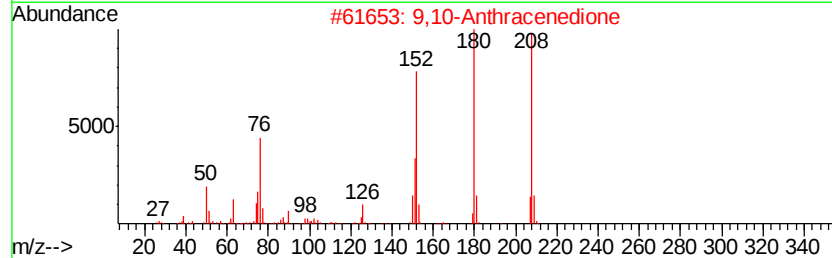
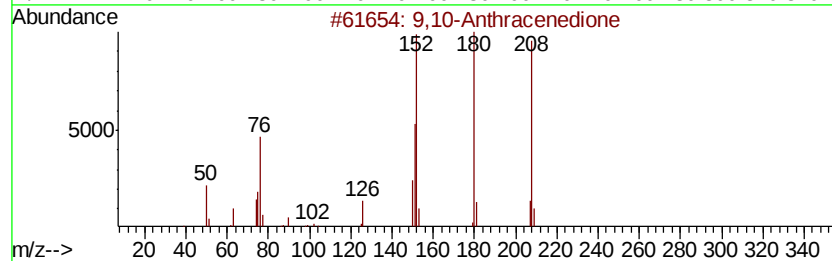
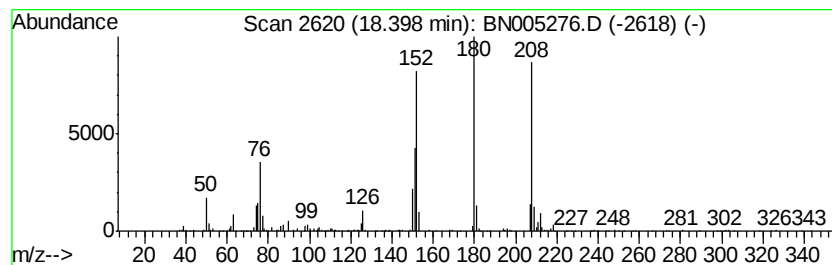
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 9,10-Anthracenedione Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.80 ng/ul	1735970	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
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Sample : K2455-20 5X
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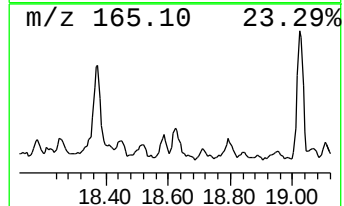
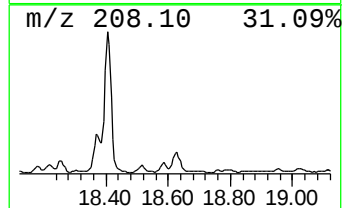
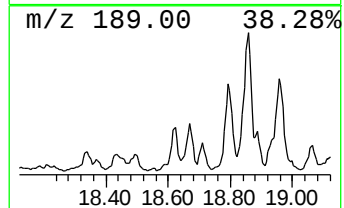
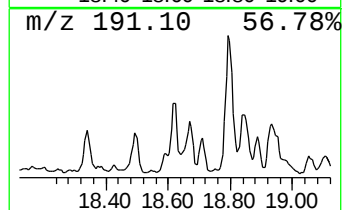
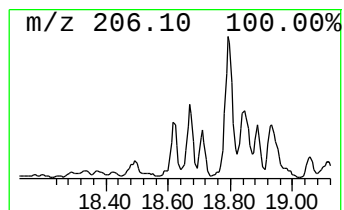
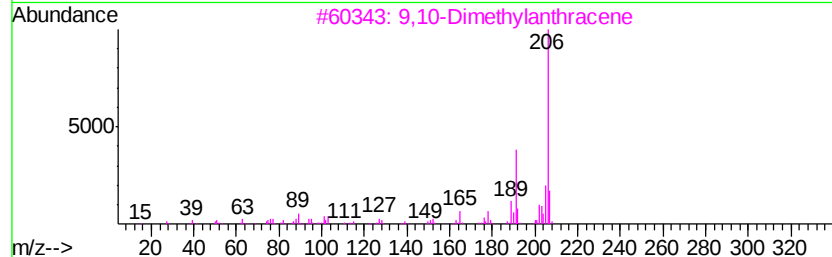
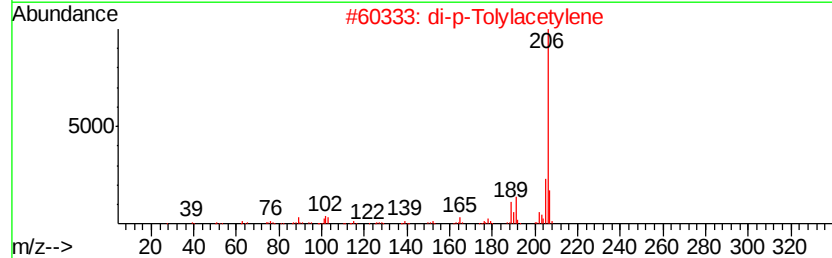
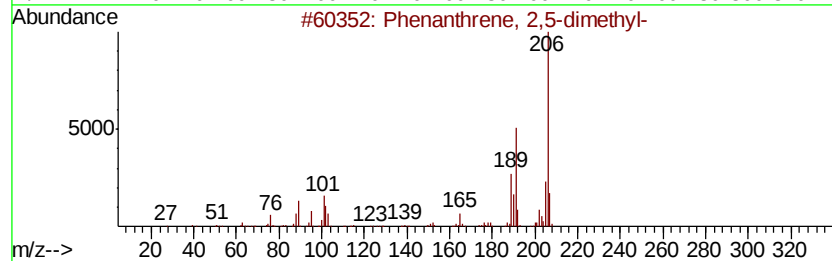
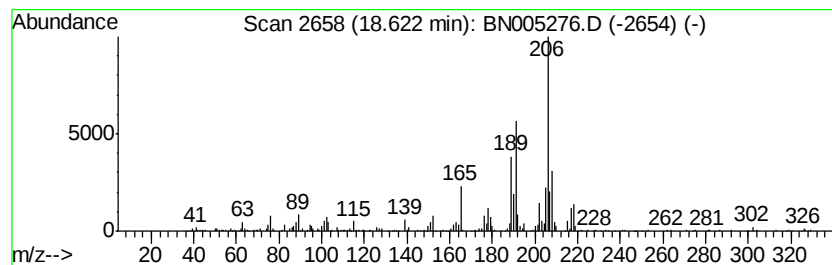
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 2,5-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.62	2.43 ng/ul	880207	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	62
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Acq On : 25 Apr 2019 06:52
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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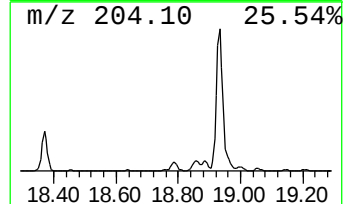
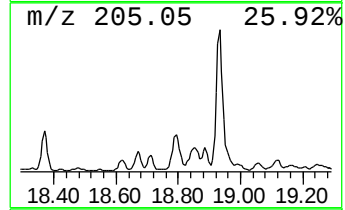
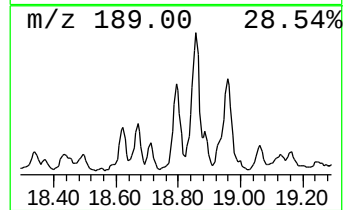
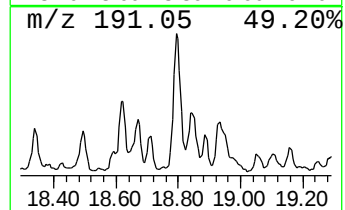
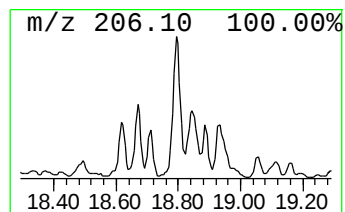
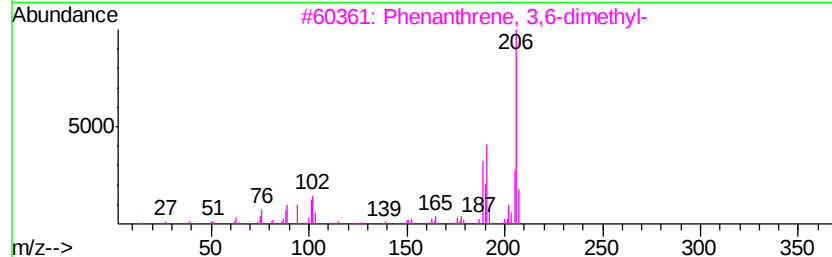
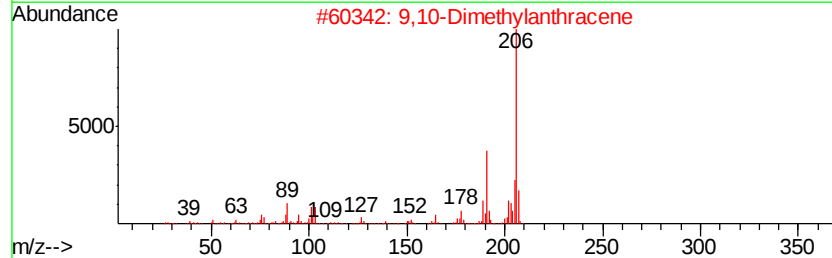
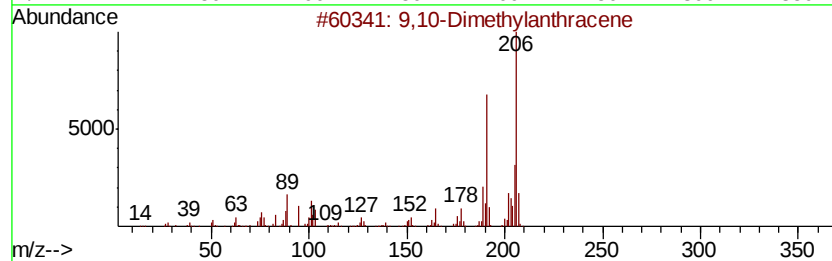
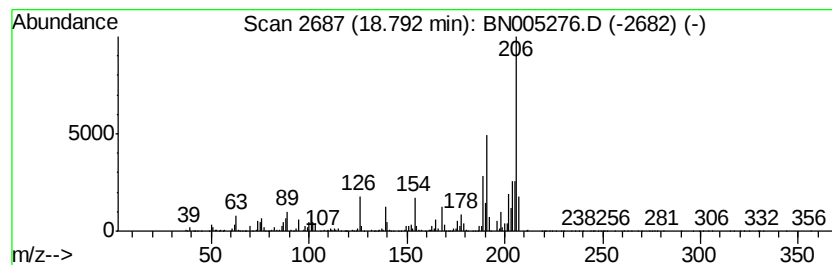
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 9,10-Dimethylantracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	5.79 ng/ul	2094770	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
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ALS Vial : 32 Sample Multiplier: 1

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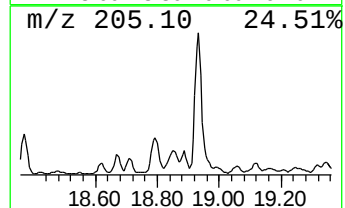
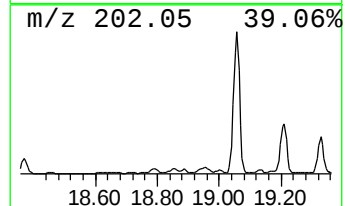
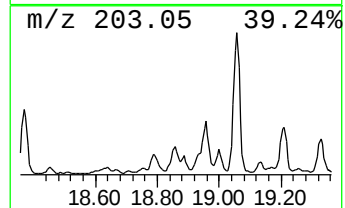
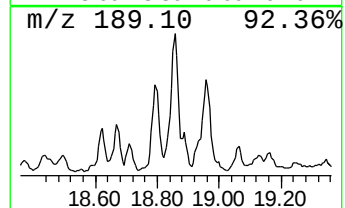
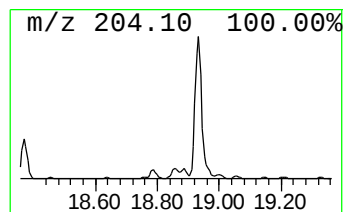
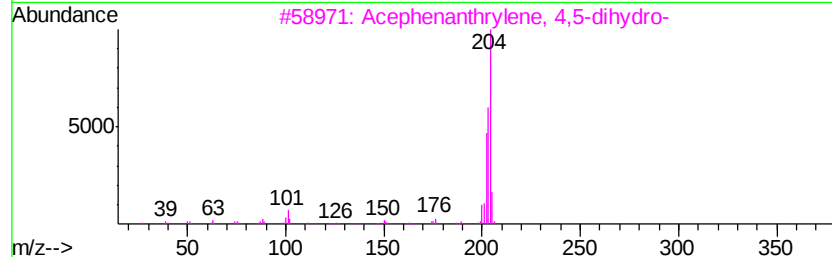
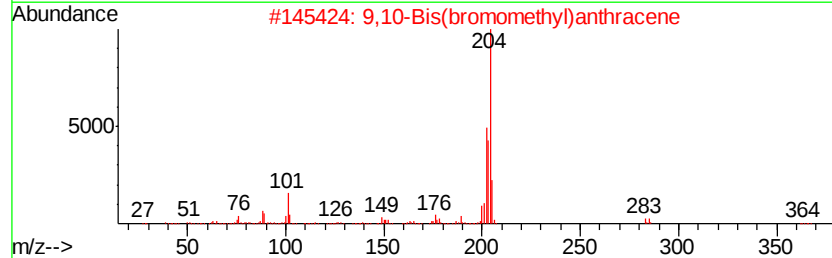
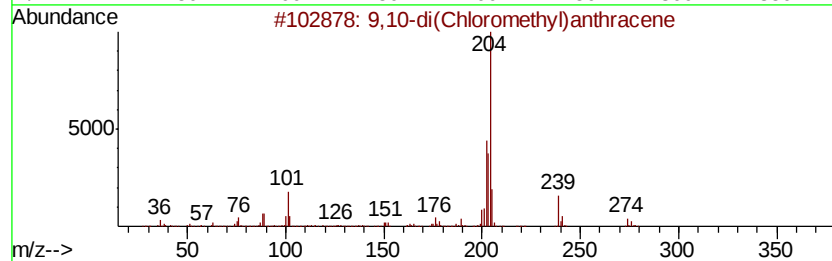
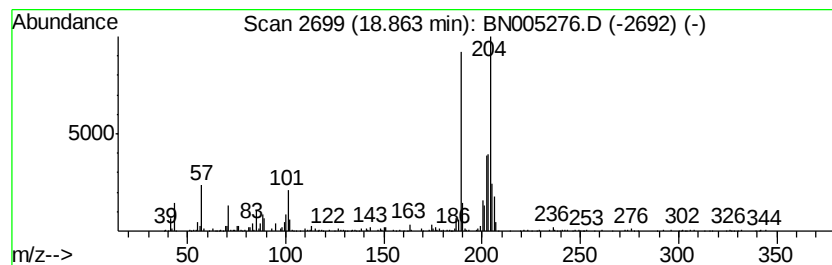
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 9,10-di(Chloromethyl)anthra... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.56 ng/ul	1287630	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
4			2-Phenylnaphthalene	204	C16H12	035465-71-5	41
5			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS0

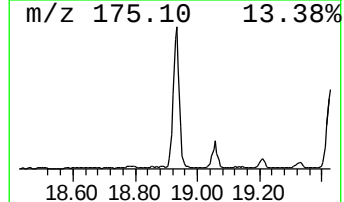
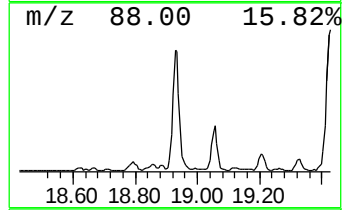
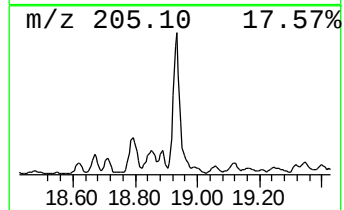
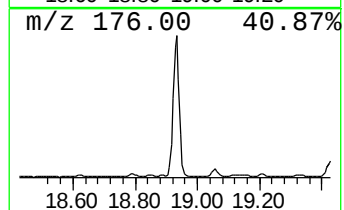
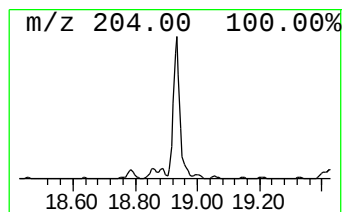
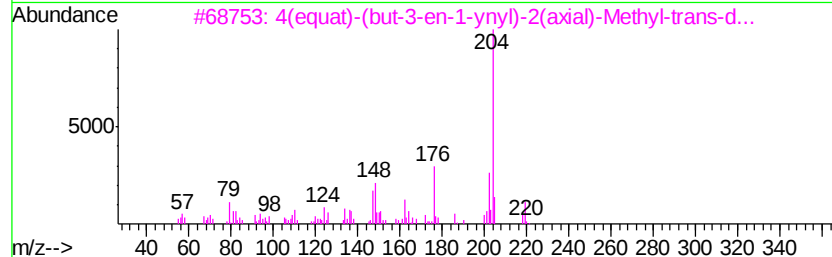
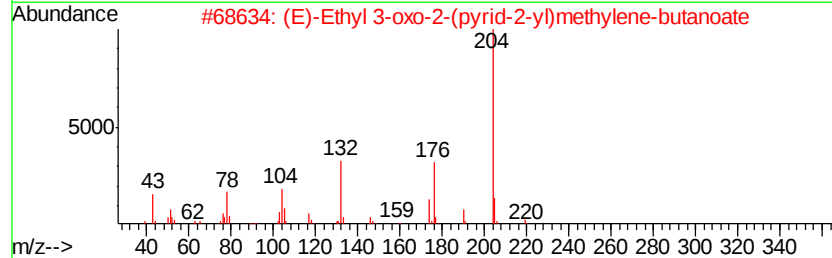
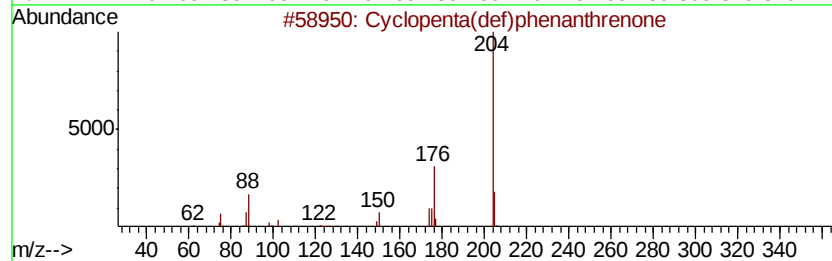
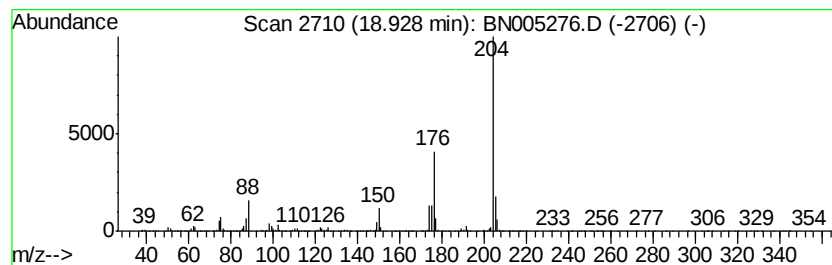
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	18.19 ng/ul	6581800	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	50
3		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS0

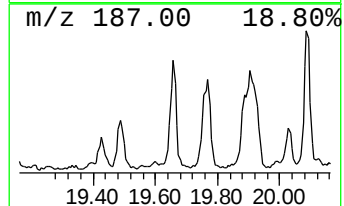
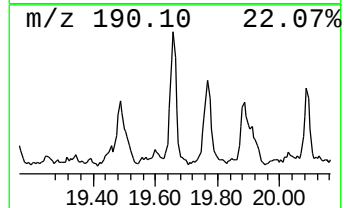
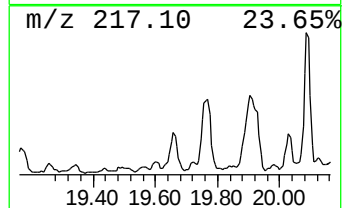
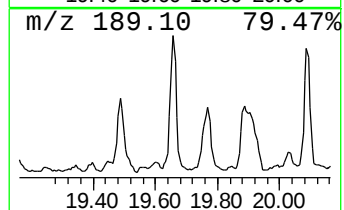
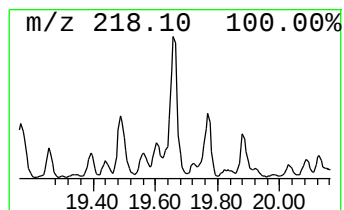
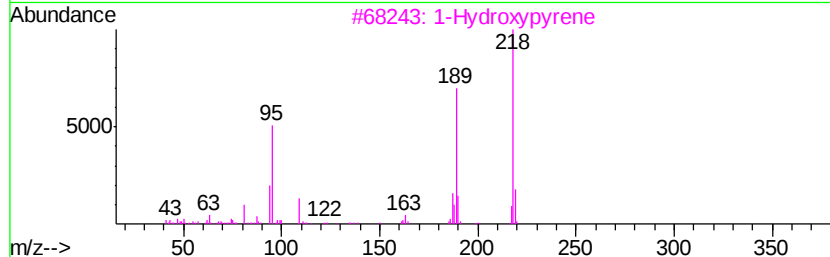
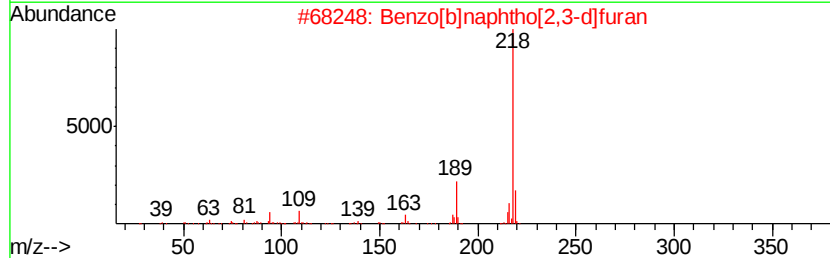
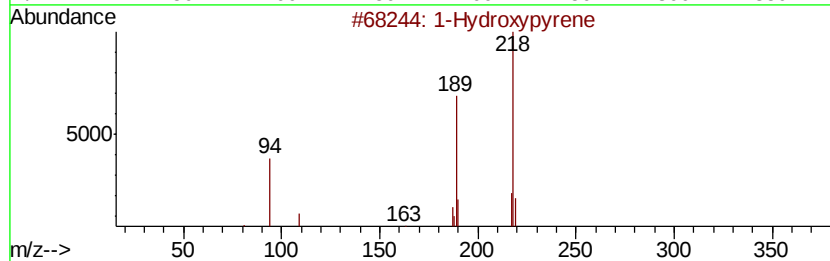
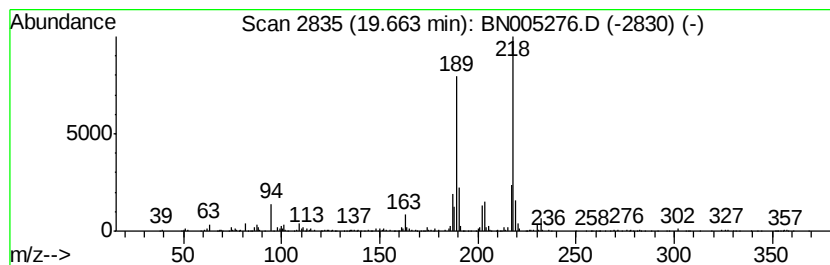
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 1-Hydroxypyrene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.58 ng/ul	1479090	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hydroxypyrene	218	C16H10O	005315-79-7	91
2		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	74
3		1-Hydroxypyrene	218	C16H10O	005315-79-7	72
4		Benzo[k]l[xanthene	218	C16H10O	000200-23-7	64
5		Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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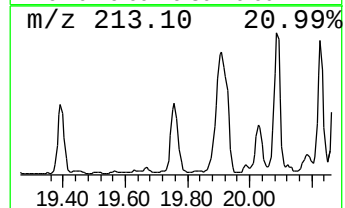
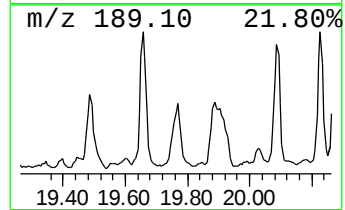
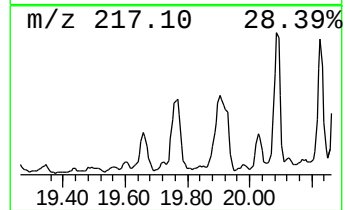
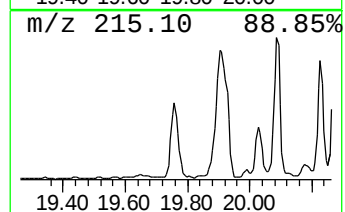
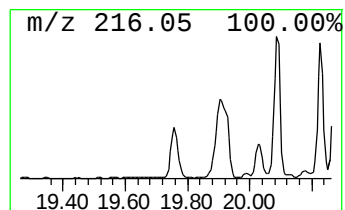
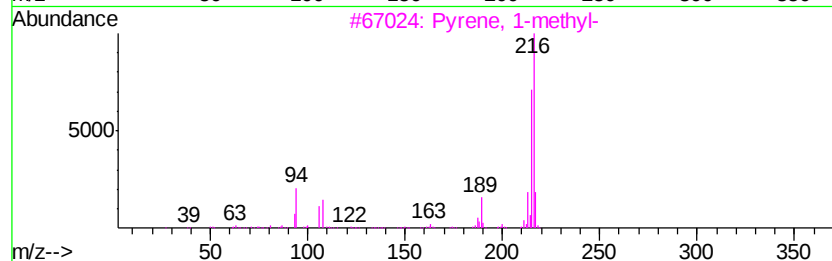
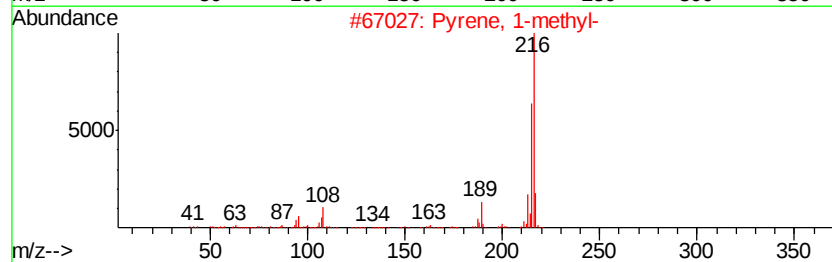
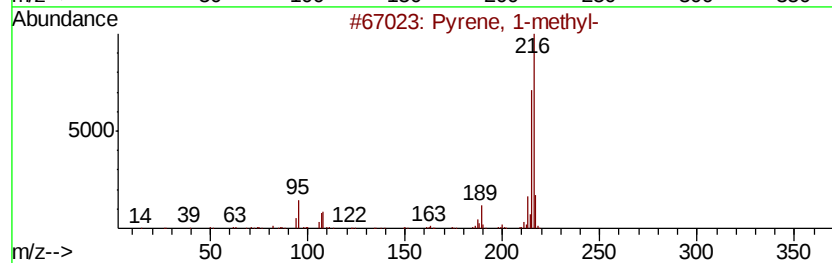
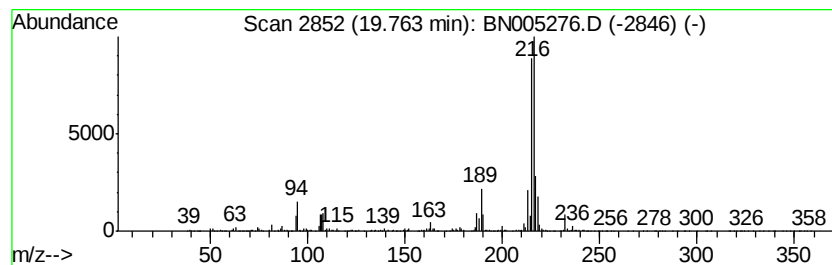
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.52 ng/ul	2591610	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

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...	11.80	5.5	ng/ul	1553470	2	10.36	5628240	20.0
Benzocycloheptatr...	11.88	2.7	ng/ul	769474	2	10.36	5628240	20.0
Naphthalene, 1-me...	12.25	10.2	ng/ul	2877540	2	10.36	5628240	20.0
Naphthalene, 2,6-...	13.39	6.9	ng/ul	2500270	3	14.23	7272680	20.0
Naphthalene, 2,3-...	13.55	9.4	ng/ul	3435210	3	14.23	7272680	20.0
Naphthalene, 1,5-...	13.78	4.2	ng/ul	1529930	3	14.23	7272680	20.0
(DEL) Alkane: Str...	14.16	5.2	ng/ul	1900670	3	14.23	7272680	20.0
Naphthalene, 2,3,...	14.71	2.4	ng/ul	857982	3	14.23	7272680	20.0
Naphthalene, 2-(1...	14.84	4.5	ng/ul	1648600	3	14.23	7272680	20.0
(DEL) Alkane: Str...	15.11	6.0	ng/ul	2169480	3	14.23	7272680	20.0
(DEL) Alkane: Str...	15.52	3.2	ng/ul	1155750	3	14.23	7272680	20.0
1(2H)-Acenaphthyl...	15.96	3.4	ng/ul	1245670	4	16.98	7238230	20.0
(DEL) Alkane: Str...	15.98	2.1	ng/ul	770349	4	16.98	7238230	20.0
9H-Fluorene, 2-me...	16.29	2.5	ng/ul	915415	4	16.98	7238230	20.0
9H-Fluorene, 1-me...	16.34	2.4	ng/ul	878798	4	16.98	7238230	20.0
Benzo[c]cinnoline	16.63	2.1	ng/ul	763375	4	16.98	7238230	20.0
(DEL) Alkane: Str...	16.77	2.3	ng/ul	839622	4	16.98	7238230	20.0
1H-Phenalen-1-one	17.17	2.6	ng/ul	942998	4	16.98	7238230	20.0
Naphthalene, 1-ph...	17.51	2.6	ng/ul	956402	4	16.98	7238230	20.0
1,2-Acenaphthylen...	17.65	5.6	ng/ul	2015280	4	16.98	7238230	20.0
Pyrazolo[3,4-d]py...	17.68	4.0	ng/ul	1430530	4	16.98	7238230	20.0
Phenanthrene, 2-m...	17.86	7.3	ng/ul	2651100	4	16.98	7238230	20.0
Phenanthrene, 1-m...	17.91	9.3	ng/ul	3356910	4	16.98	7238230	20.0
Benzaldehyde, 3,5...	18.05	11.6	ng/ul	4204060	4	16.98	7238230	20.0
1H-Cyclopropa[l]p...	18.09	4.2	ng/ul	1532350	4	16.98	7238230	20.0
Tricyclo[8.2.2.2(...	18.37	5.4	ng/ul	1962330	4	16.98	7238230	20.0
9,10-Anthracenedione	18.40	4.8	ng/ul	1735970	4	16.98	7238230	20.0
Phenanthrene, 2,5...	18.62	2.4	ng/ul	880207	4	16.98	7238230	20.0
9,10-Dimethylanthe...	18.79	5.8	ng/ul	2094770	4	16.98	7238230	20.0
9,10-di(Chloromet...	18.86	3.6	ng/ul	1287630	4	16.98	7238230	20.0
Cyclopenta(def)ph...	18.93	18.2	ng/ul	6581800	4	16.98	7238230	20.0
1-Hydroxypyrene	19.66	2.6	ng/ul	1479090	5	21.21	11477500	20.0
Pyrene, 1-methyl-	19.76	4.5	ng/ul	2591610	5	21.21	11477500	20.0