

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005581.D
 Acq On : 10 May 2019 00:01
 Operator : JU/SJ
 Sample : K2603-16MEDL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ68MEDL

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	5.163	365	370	380	rVB	192137	274521	3.40%	0.257%
2	5.646	446	452	463	rVB	136803	236761	2.93%	0.221%
3	6.757	635	641	649	rVV2	147976	411106	5.09%	0.384%
4	7.128	699	704	712	rVB	118320	194474	2.41%	0.182%
5	7.246	714	724	733	rBV4	438142	954631	11.82%	0.893%
6	7.587	775	782	792	rVV	1210846	2009370	24.88%	1.879%
7	7.704	796	802	809	rVV2	96530	169741	2.10%	0.159%
8	8.116	862	872	879	rBV	772630	1311665	16.24%	1.226%
9	8.681	959	968	973	rVV2	130664	241477	2.99%	0.226%
10	8.740	973	978	985	rVV2	118312	269973	3.34%	0.252%
11	8.804	985	989	993	rVV	359362	530322	6.57%	0.496%
12	8.845	993	996	1005	rVV2	91143	173759	2.15%	0.162%
13	9.257	1062	1066	1074	rVB2	109452	228341	2.83%	0.213%
14	9.451	1089	1099	1103	rBV4	98678	204575	2.53%	0.191%
15	9.610	1122	1126	1136	rVB5	76504	212732	2.63%	0.199%
16	9.787	1147	1156	1162	rVV4	373572	965427	11.96%	0.903%
17	9.857	1162	1168	1172	rVV2	261427	523575	6.48%	0.490%
18	9.898	1172	1175	1180	rVV3	188679	287232	3.56%	0.269%
19	9.992	1186	1191	1197	rVB	120737	201458	2.49%	0.188%
20	10.345	1242	1251	1256	rVV2	2046927	4041056	50.04%	3.778%
21	10.404	1256	1261	1269	rVV	4147736	6953672	86.11%	6.501%
22	10.522	1275	1281	1286	rVV3	318663	626397	7.76%	0.586%
23	11.198	1388	1396	1401	rBV6	122581	236624	2.93%	0.221%
24	11.275	1402	1409	1415	rVB4	145661	323604	4.01%	0.303%
25	11.386	1416	1428	1434	rBV3	393422	826669	10.24%	0.773%
26	11.545	1450	1455	1463	rVB2	152983	311735	3.86%	0.291%
27	11.645	1463	1472	1475	rBV6	92687	197377	2.44%	0.185%
28	11.792	1491	1497	1505	rBV	857658	1287462	15.94%	1.204%
29	12.022	1526	1536	1544	rVB	4934783	8075120	100.00%	7.550%
30	12.239	1567	1573	1584	rVV	2288795	3902617	48.33%	3.649%
31	12.439	1597	1607	1610	rBV5	96795	248504	3.08%	0.232%
32	12.486	1610	1615	1622	rVB4	197320	407643	5.05%	0.381%
33	12.551	1622	1626	1632	rBV4	89432	163544	2.03%	0.153%
34	12.622	1633	1638	1648	rVB	181160	358517	4.44%	0.335%

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35	12.710	1648	1653	1658	rBV4	132294	272330	3.37%	0.255%
36	12.763	1658	1662	1667	rVB	425016	553946	6.86%	0.518%
37	13.057	1703	1712	1719	rBV2	1296654	2244900	27.80%	2.099%
38	13.245	1737	1744	1760	rVB	1090534	2103667	26.05%	1.967%
39	13.380	1761	1767	1769	rBV	1118161	1777679	22.01%	1.662%
40	13.545	1789	1795	1800	rVV	1409588	2629520	32.56%	2.458%
41	13.598	1800	1804	1808	rVV	989504	1488132	18.43%	1.391%
42	13.639	1808	1811	1815	rVV	397513	551674	6.83%	0.516%
43	13.686	1815	1819	1821	rVV4	210628	350826	4.34%	0.328%
44	13.722	1821	1825	1829	rVV3	558086	806116	9.98%	0.754%
45	13.780	1829	1835	1839	rVV2	743912	1307295	16.19%	1.222%
46	13.845	1843	1846	1850	rVB2	135825	163844	2.03%	0.153%
47	13.945	1852	1863	1869	rVV3	1424329	2746872	34.02%	2.568%
48	14.145	1891	1897	1901	rBV	1194100	1538802	19.06%	1.439%
49	14.227	1902	1911	1917	rVV3	2509645	4437504	54.95%	4.149%
50	14.286	1917	1921	1924	rVV2	246791	416711	5.16%	0.390%
51	14.316	1924	1926	1931	rVB2	177727	234755	2.91%	0.219%
52	14.439	1941	1947	1957	rVB	314501	753114	9.33%	0.704%
53	14.633	1969	1980	1986	rVV2	502757	1252455	15.51%	1.171%
54	14.710	1988	1993	1999	rVV	468236	688325	8.52%	0.644%
55	14.769	1999	2003	2008	rVB	415874	569192	7.05%	0.532%
56	14.839	2010	2015	2021	rBV3	487094	974977	12.07%	0.912%
57	14.904	2022	2026	2030	rVB	319393	408762	5.06%	0.382%
58	15.022	2039	2046	2049	rBV2	256838	569033	7.05%	0.532%
59	15.104	2056	2060	2064	rVB	929050	1153765	14.29%	1.079%
60	15.227	2076	2081	2085	rVB2	670997	1056434	13.08%	0.988%
61	15.280	2085	2090	2095	rBV	1077657	1618409	20.04%	1.513%
62	15.404	2108	2111	2114	rVB3	137417	171601	2.13%	0.160%
63	15.510	2121	2129	2134	rBV2	660570	1247875	15.45%	1.167%
64	15.663	2151	2155	2157	rBV3	152714	225813	2.80%	0.211%
65	15.698	2157	2161	2164	rBV2	212641	335944	4.16%	0.314%
66	15.969	2202	2207	2209	rBV	753172	1135434	14.06%	1.062%
67	15.992	2209	2211	2216	rVB	775446	873628	10.82%	0.817%
68	16.286	2255	2261	2266	rBV4	261159	714722	8.85%	0.668%
69	16.339	2266	2270	2273	rVB	333309	417107	5.17%	0.390%
70	16.433	2282	2286	2291	rBV3	163975	283483	3.51%	0.265%
71	16.645	2319	2322	2328	rVB3	119767	183542	2.27%	0.172%

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72	16.763	2338	2342	2345	rBV	418571	515996	6.39%	0.482%
73	16.810	2345	2350	2361	rVB2	642305	1267660	15.70%	1.185%
74	16.980	2374	2379	2383	rBV2	2804802	4249082	52.62%	3.973%
75	17.027	2383	2387	2392	rVV	3296775	4709267	58.32%	4.403%
76	17.080	2392	2396	2399	rVV	514345	822475	10.19%	0.769%
77	17.116	2399	2402	2409	rVB	625936	892833	11.06%	0.835%
78	17.186	2409	2414	2418	rVB3	163484	275266	3.41%	0.257%
79	17.233	2418	2422	2425	rBV2	146567	200773	2.49%	0.188%
80	17.421	2447	2454	2461	rBV4	159719	328635	4.07%	0.307%
81	17.498	2463	2467	2472	rVV2	396344	523997	6.49%	0.490%
82	17.563	2475	2478	2489	rVB4	185230	404694	5.01%	0.378%
83	17.710	2499	2503	2508	rVB2	101861	175287	2.17%	0.164%
84	17.863	2524	2529	2533	rBV	754021	1078697	13.36%	1.009%
85	17.910	2533	2537	2542	rVB	809993	1057287	13.09%	0.988%
86	17.992	2547	2551	2556	rVV	256018	449041	5.56%	0.420%
87	18.051	2556	2561	2565	rVV3	722958	1330449	16.48%	1.244%
88	18.092	2565	2568	2575	rVB	497135	678612	8.40%	0.634%
89	18.198	2582	2586	2594	rBV2	249002	324246	4.02%	0.303%
90	18.368	2611	2615	2621	rVV	251195	361683	4.48%	0.338%
91	18.668	2662	2666	2670	rVB2	210984	262281	3.25%	0.245%
92	18.792	2682	2687	2691	rBV2	287245	460581	5.70%	0.431%
93	18.839	2691	2695	2701	rVV3	303922	527398	6.53%	0.493%
94	19.057	2728	2732	2738	rVB	719841	974624	12.07%	0.911%
95	19.210	2755	2758	2765	rVB	258922	328615	4.07%	0.307%
96	19.392	2785	2789	2792	rBV	506057	821102	10.17%	0.768%
97	19.421	2792	2794	2805	rVB	965726	1353503	16.76%	1.265%
98	20.033	2895	2898	2903	rVB	222299	279545	3.46%	0.261%
99	21.215	3093	3099	3104	rBV	2466212	3724175	46.12%	3.482%
100	23.427	3469	3475	3486	rVB	1565661	2962326	36.68%	2.770%

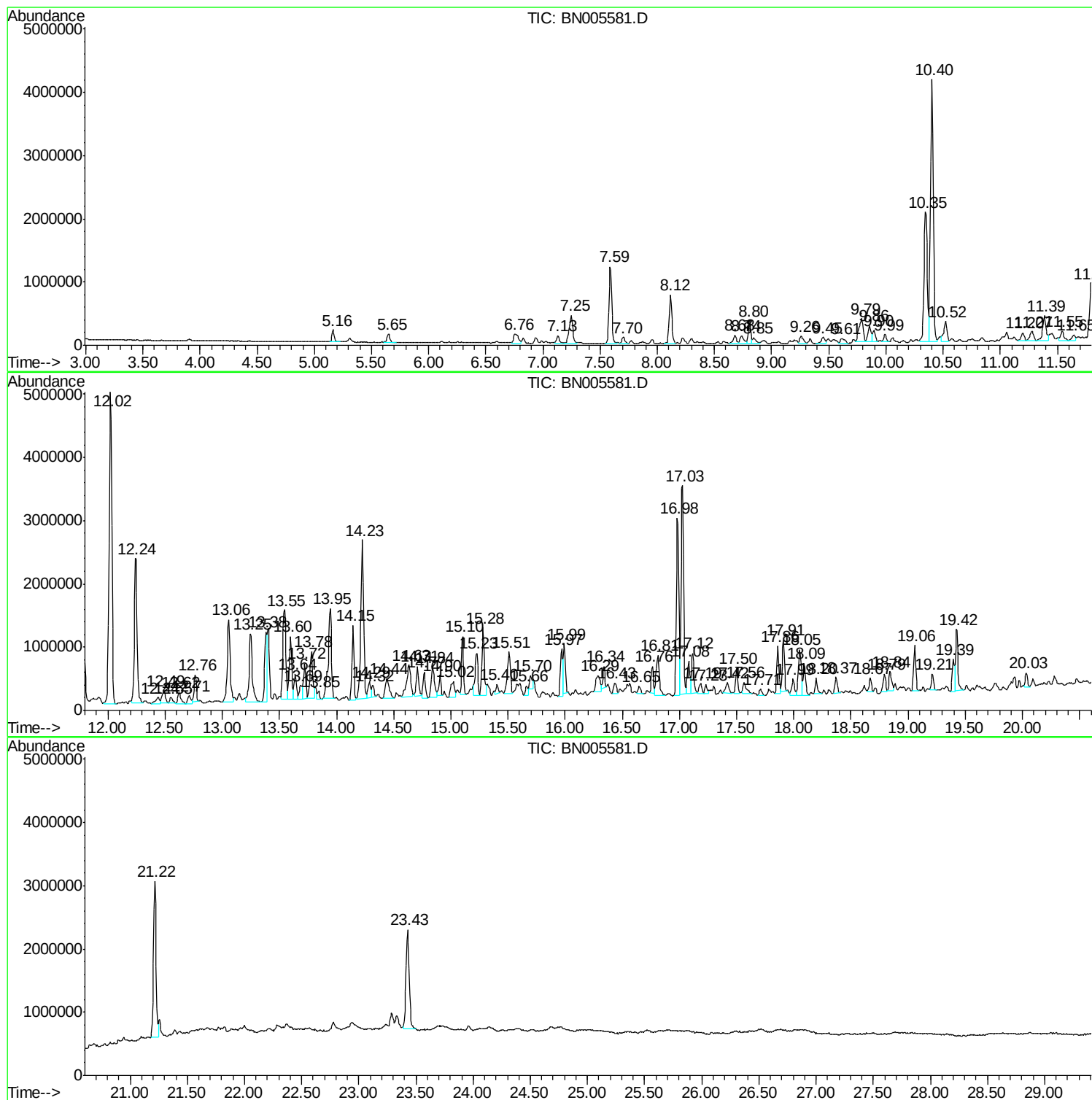
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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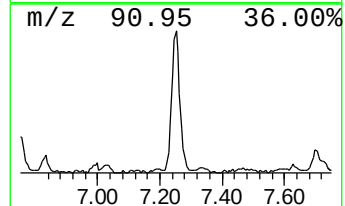
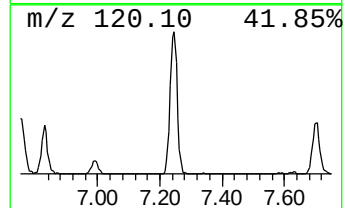
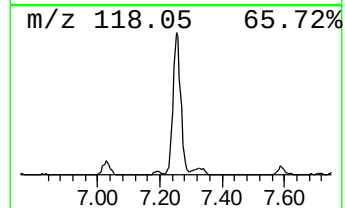
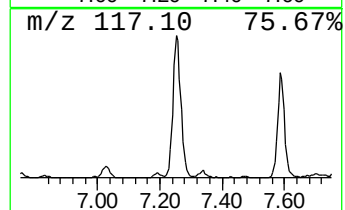
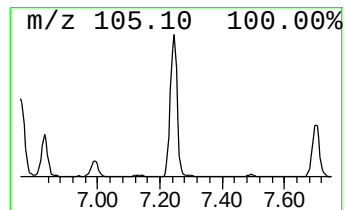
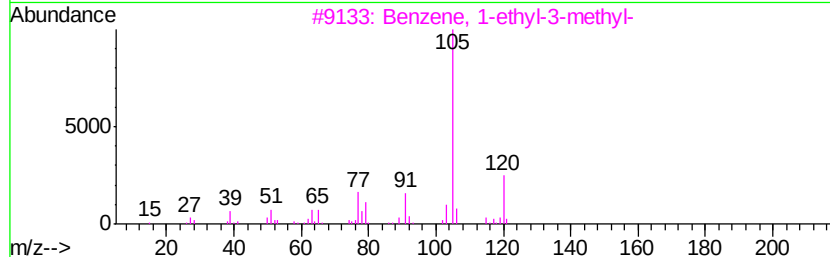
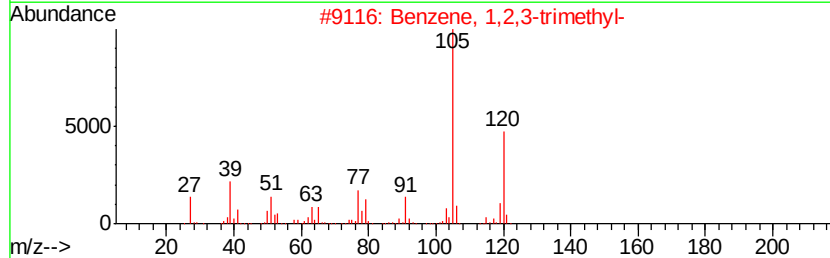
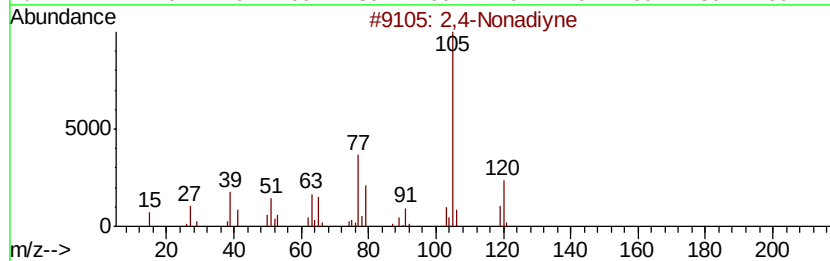
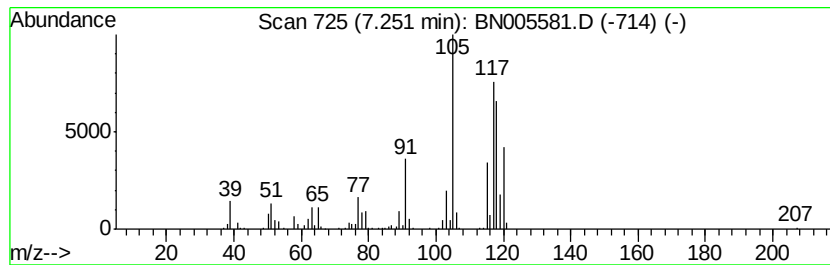
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	9.50 ng/ul	954631	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Nonadiyne	120	C9H12	063621-15-8	46
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	41



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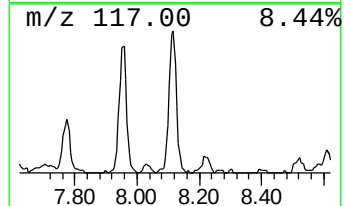
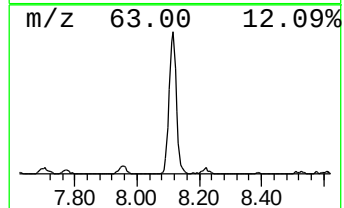
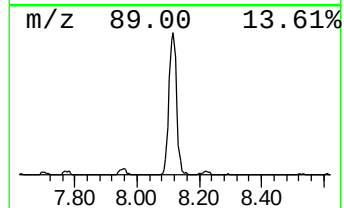
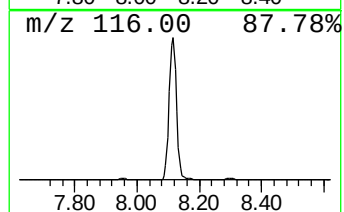
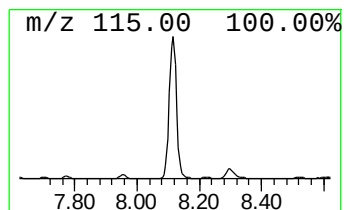
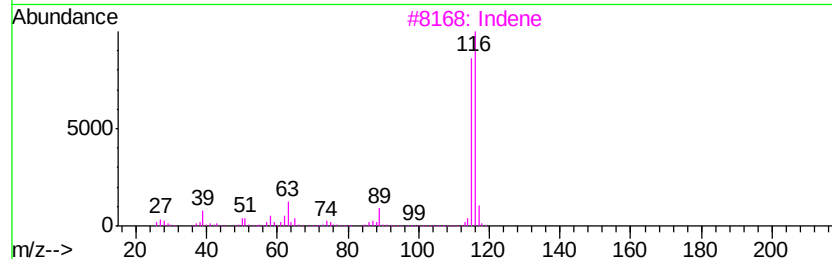
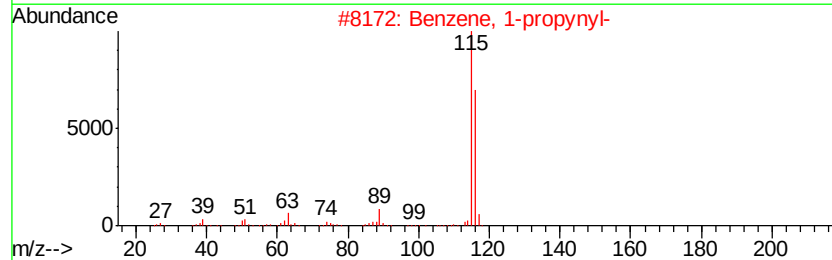
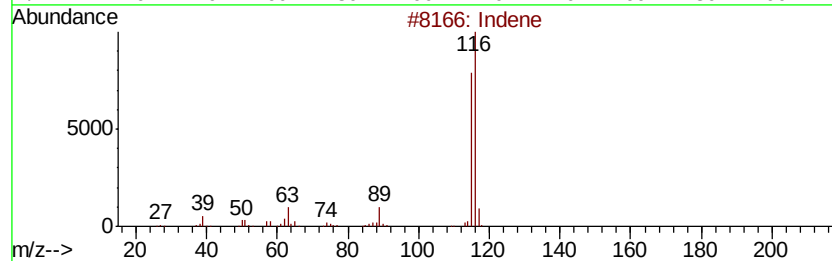
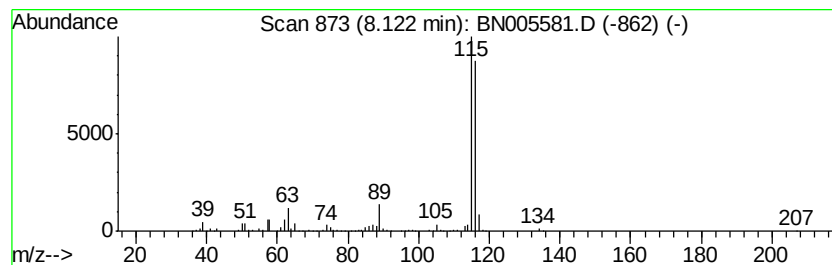
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	13.06 ng/ul	1311670	1,4-Dichlorobenzene-d4	7.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	95
3	Indene		116	C9H8	000095-13-6	95
4	Indene		116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



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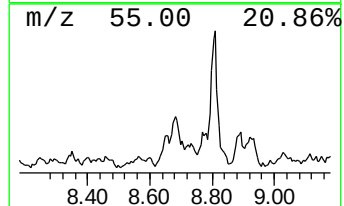
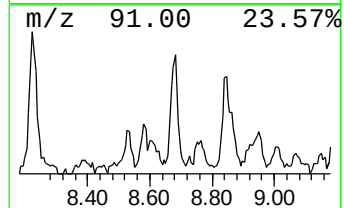
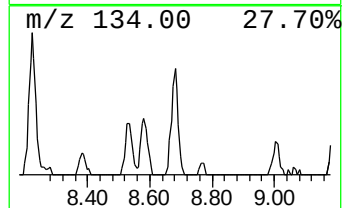
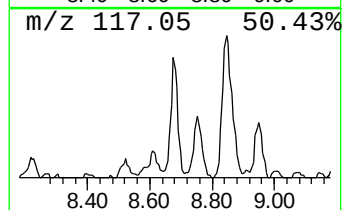
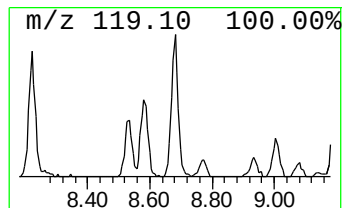
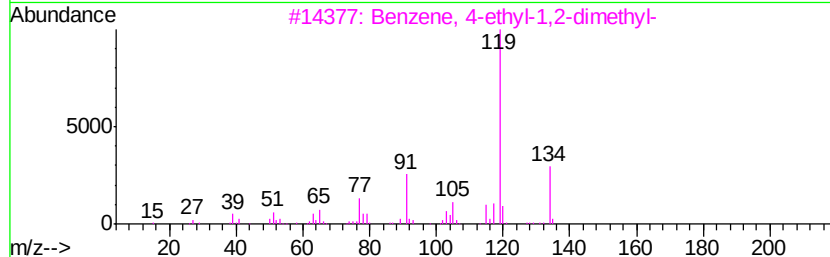
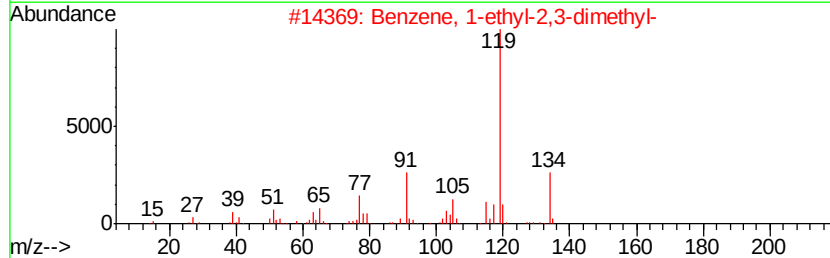
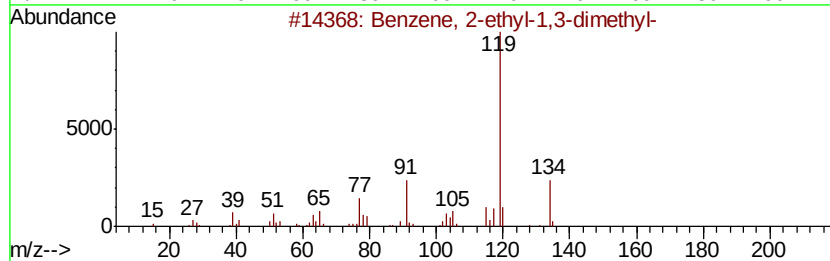
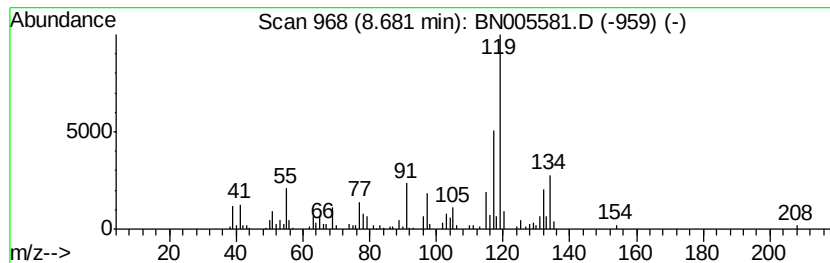
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.40 ng/ul	241477	1,4-Dichlorobenzene-d4	7.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60	
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60	
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60	
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60	
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60	



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Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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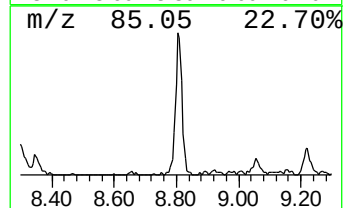
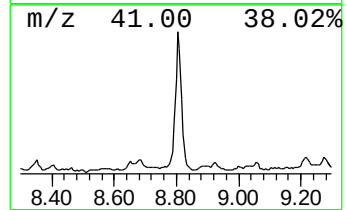
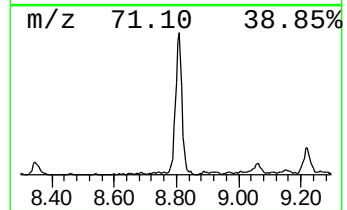
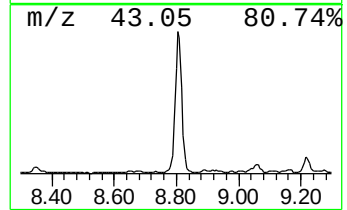
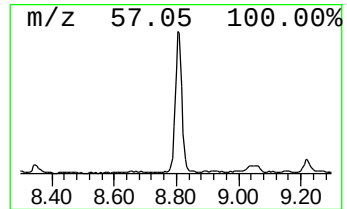
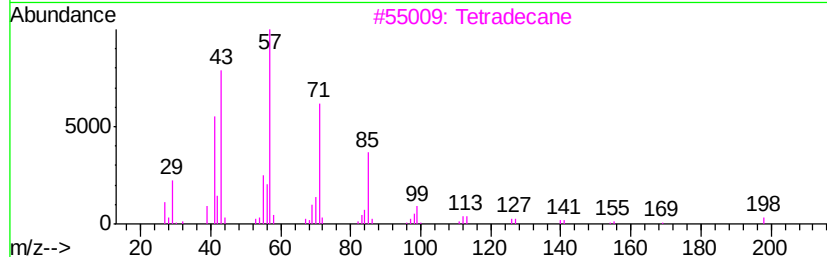
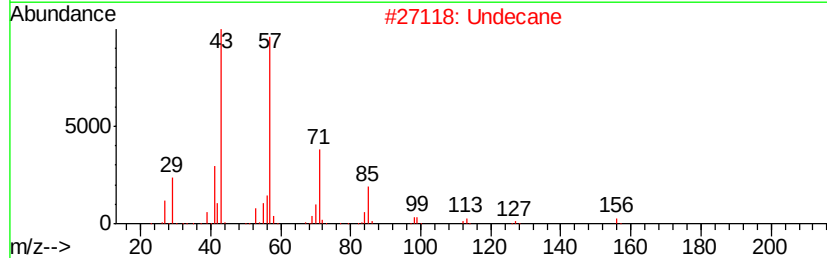
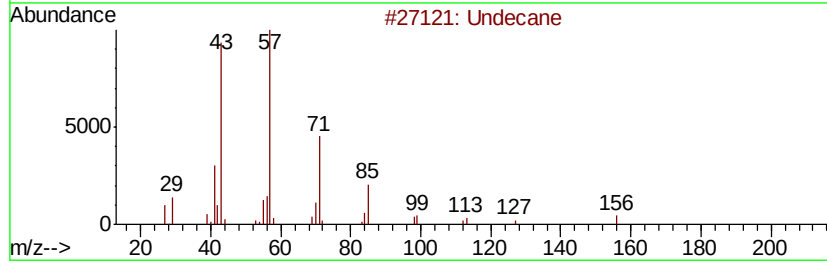
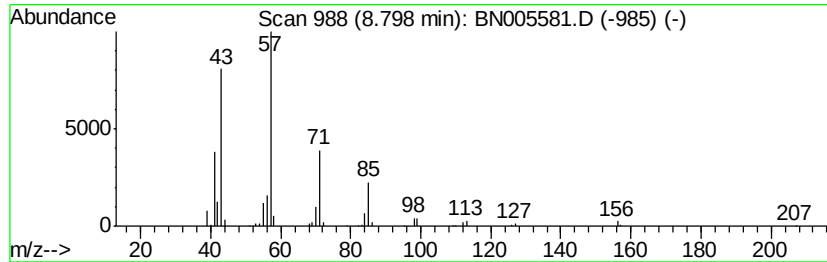
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	5.28 ng/ul	530322	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Undecane	156	C11H24	001120-21-4	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane	156	C11H24	001120-21-4	83
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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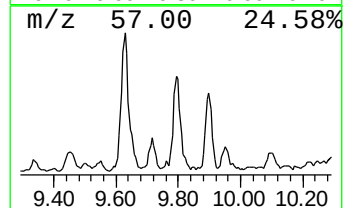
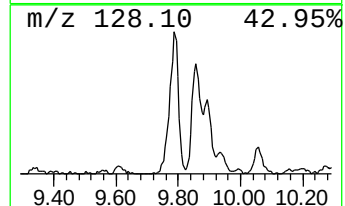
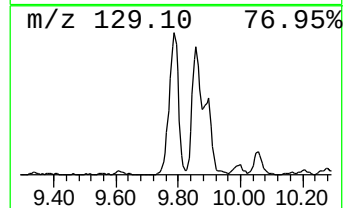
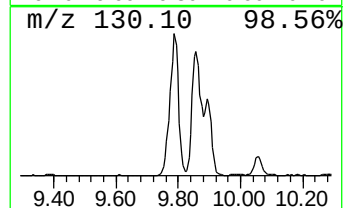
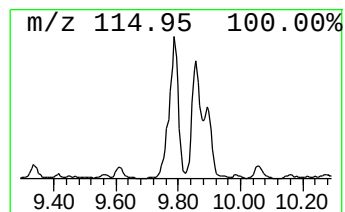
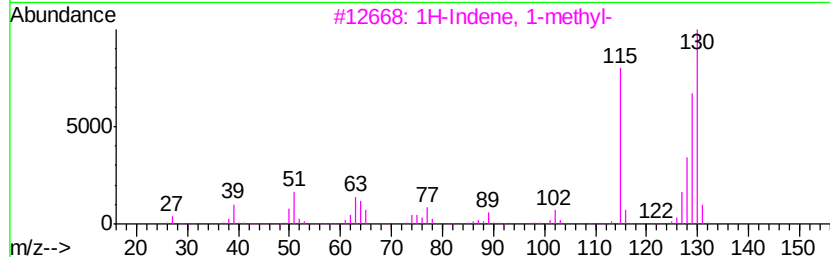
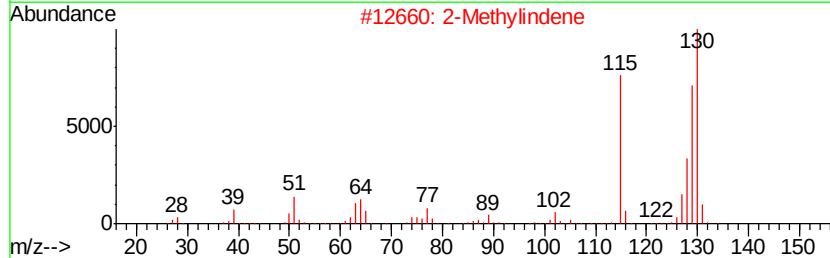
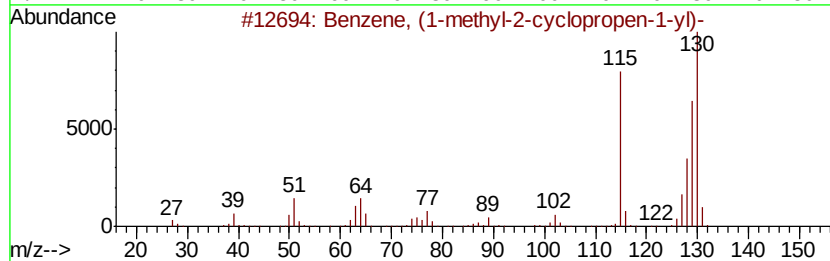
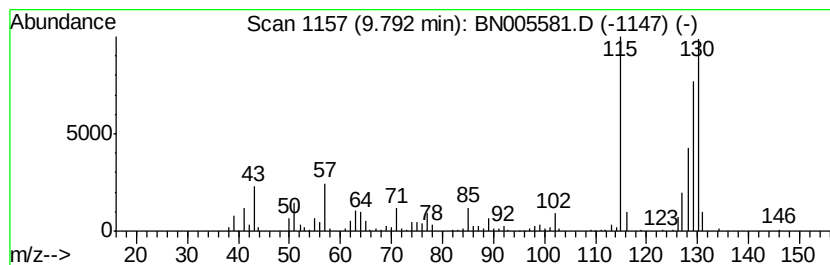
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, (1-methyl-2-cyclop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.78 ng/ul	965427	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
2		2-Methylindene	130	C10H10	002177-47-1	92
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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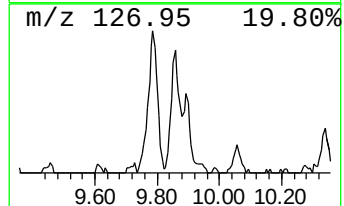
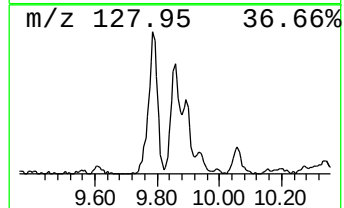
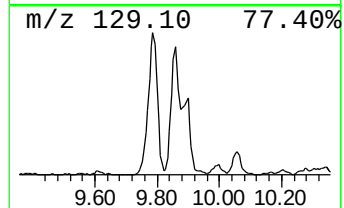
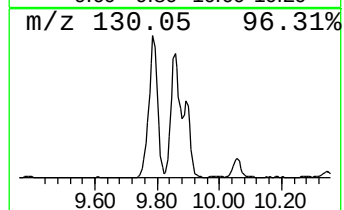
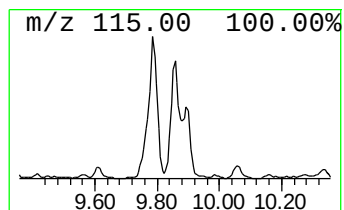
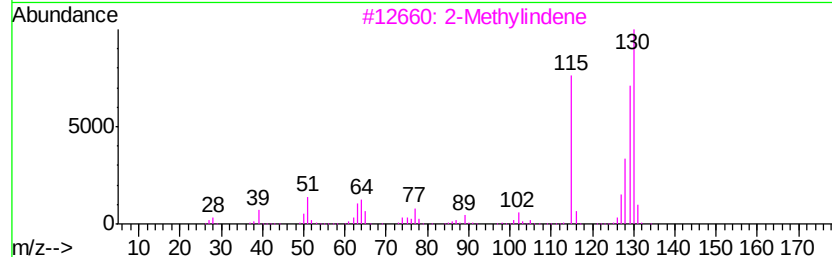
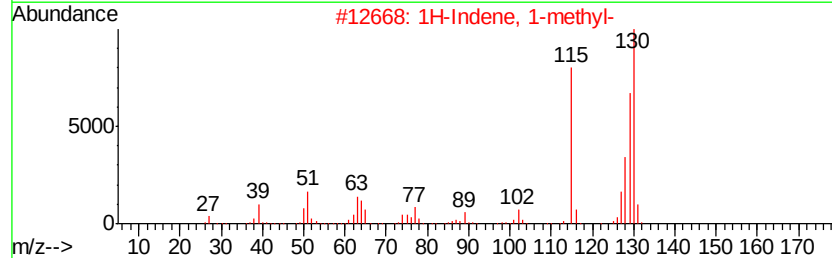
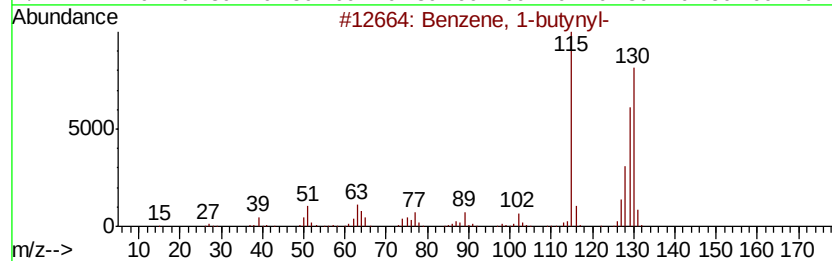
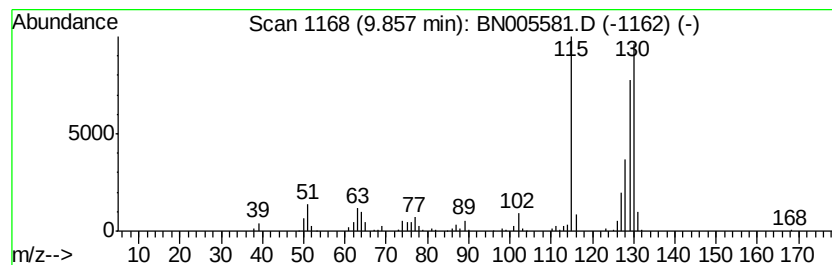
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-butynyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.59 ng/ul	523575	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3		2-Methylindene	130	C10H10	002177-47-1	93
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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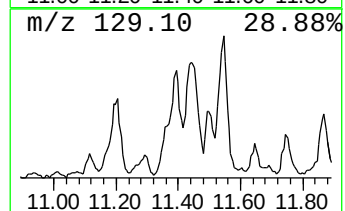
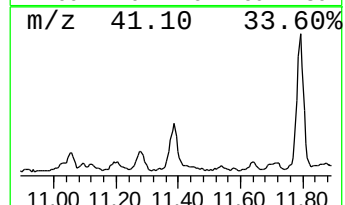
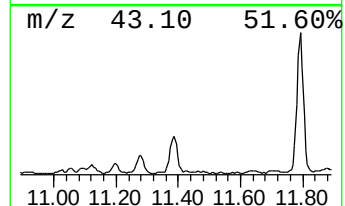
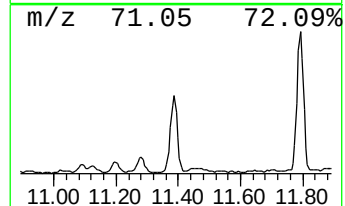
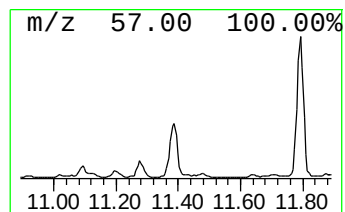
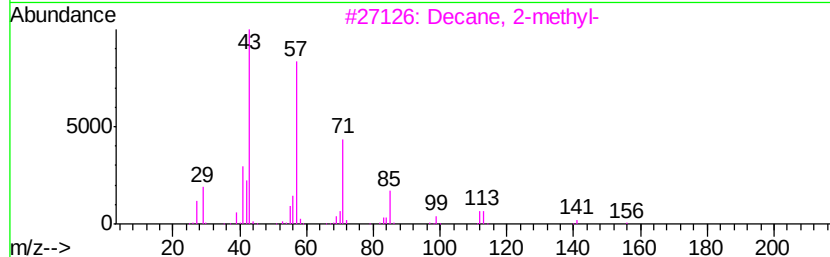
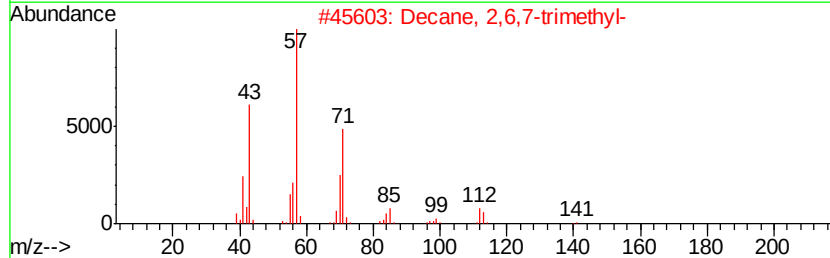
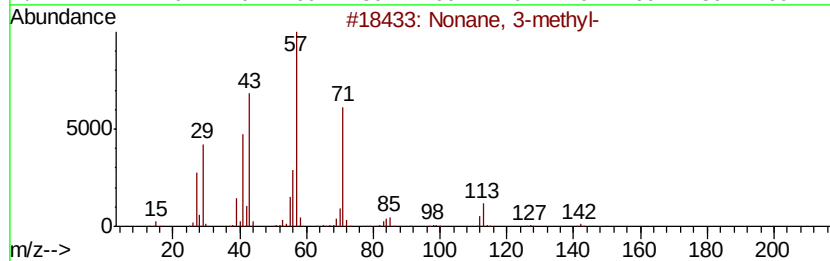
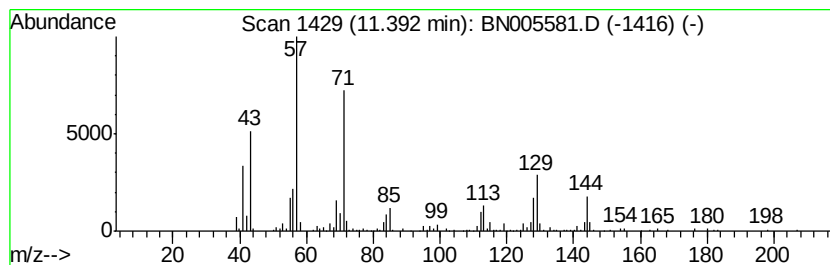
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.09 ng/ul	826669	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	58
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	58
3		Decane, 2-methyl-	156	C11H24	006975-98-0	58
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	55
5		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
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Sample : K2603-16MEDL 10X
Misc :
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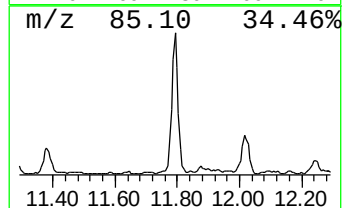
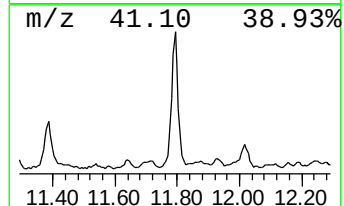
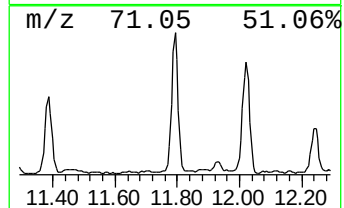
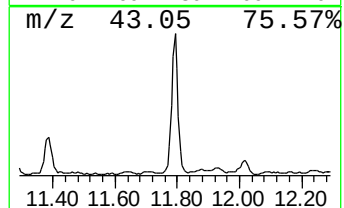
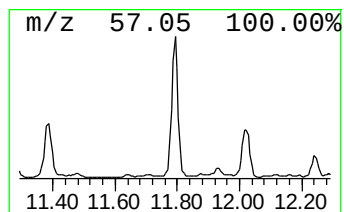
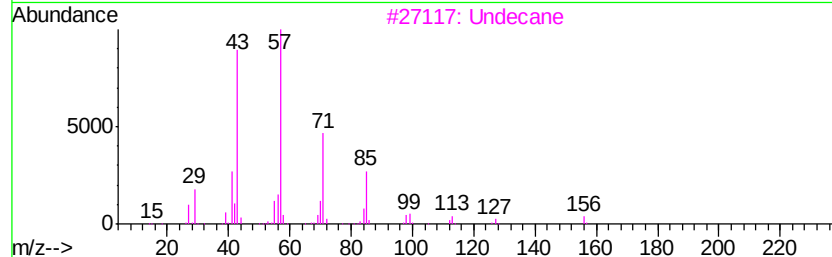
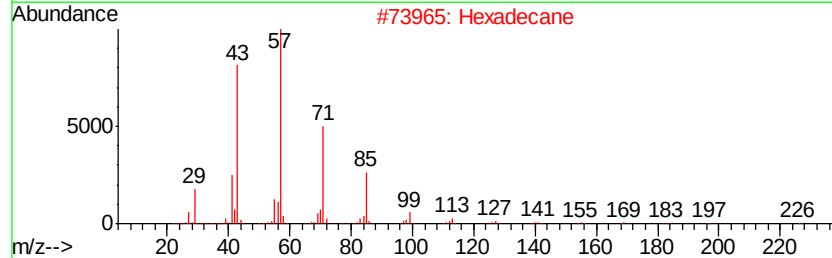
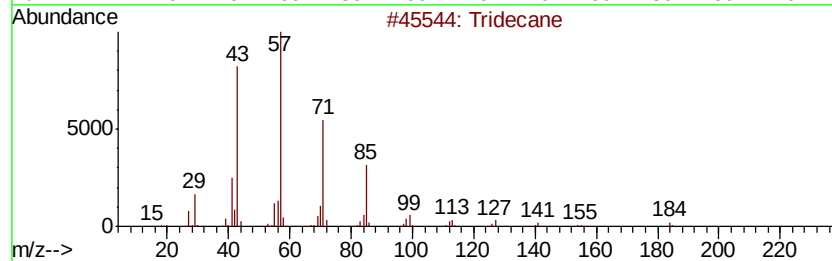
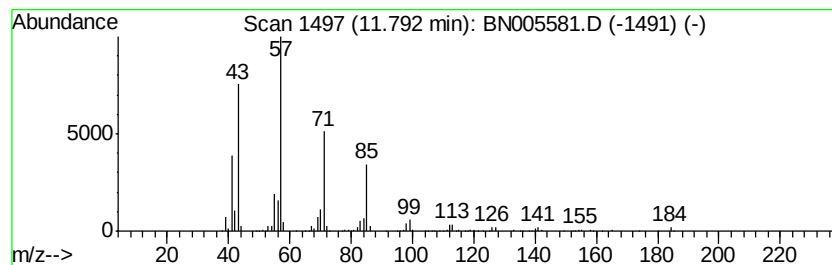
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.37 ng/ul	1287460	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Undecane	156	C11H24	001120-21-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tridecane	184	C13H28	000629-50-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
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Misc :
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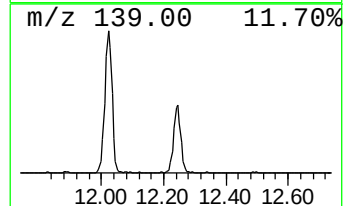
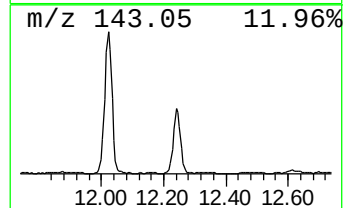
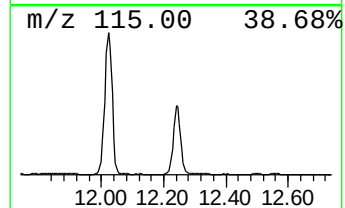
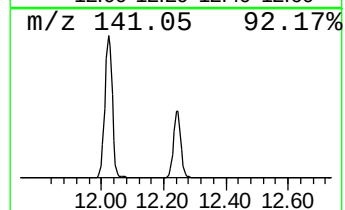
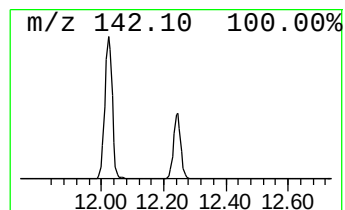
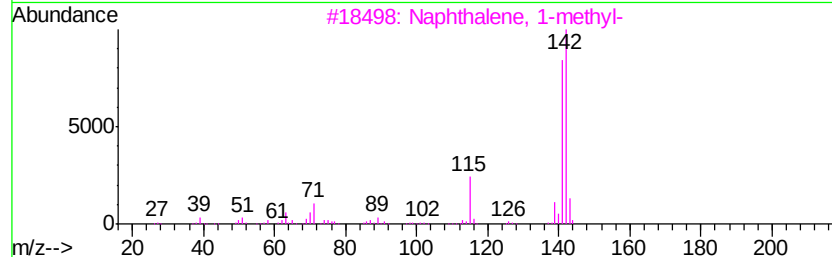
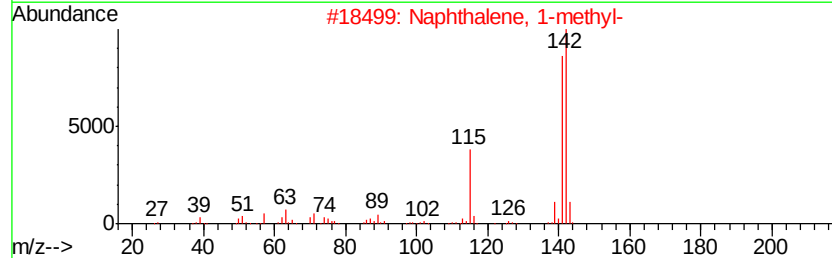
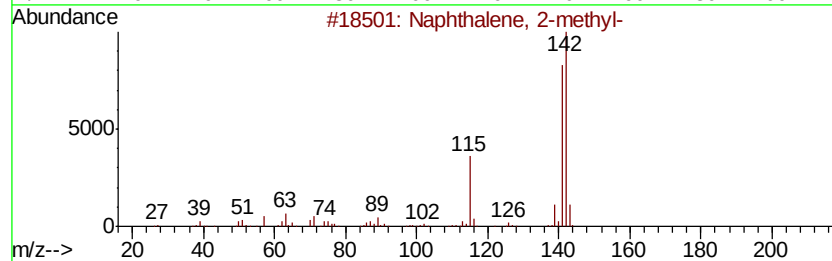
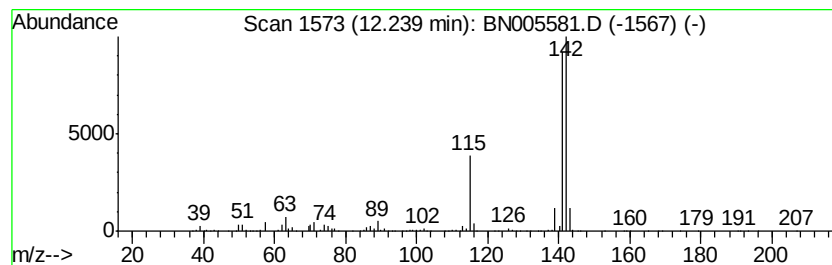
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	19.31 ng/ul	3902620	Naphthalene-d8	10.35

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		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Sample : K2603-16MEDL 10X
Misc :
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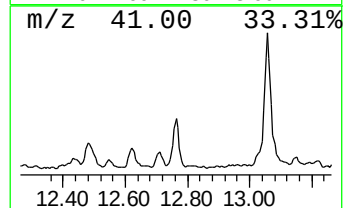
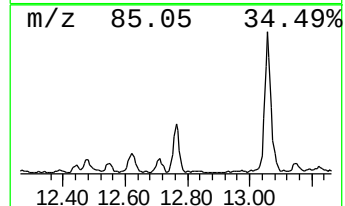
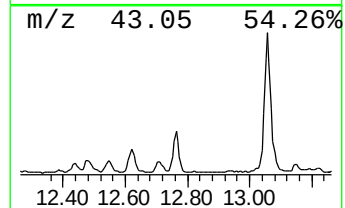
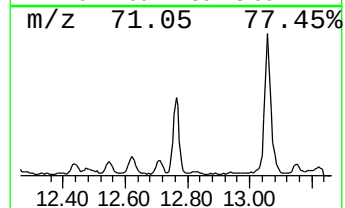
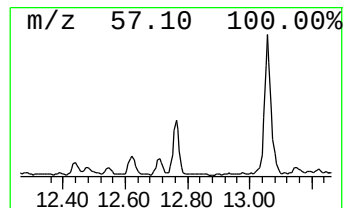
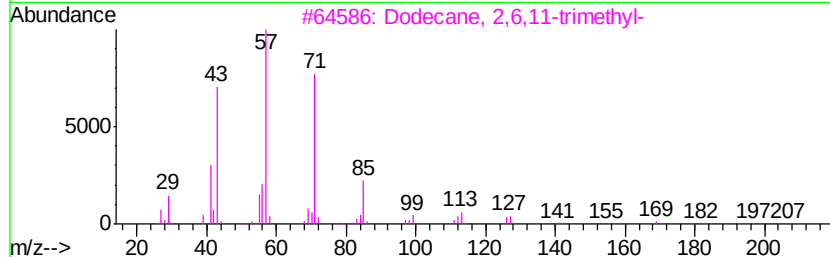
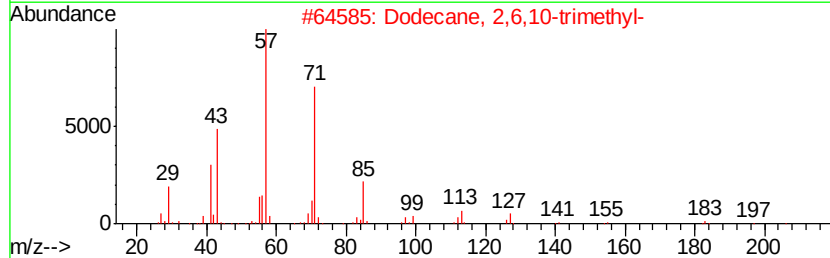
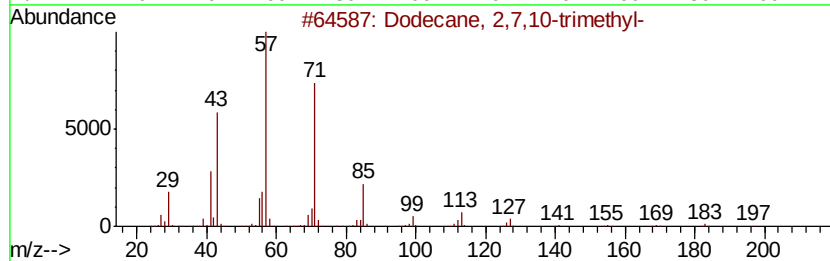
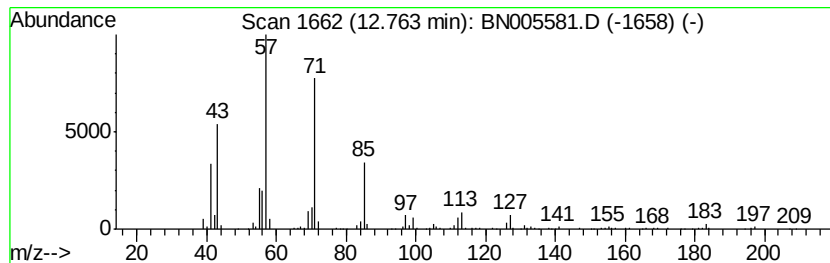
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.50 ng/ul	553946	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	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	90
4	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	78
5	Decane, 5-propyl-	184 C13H28	017312-62-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

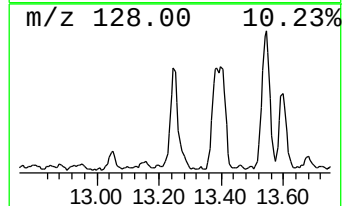
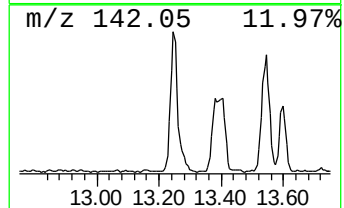
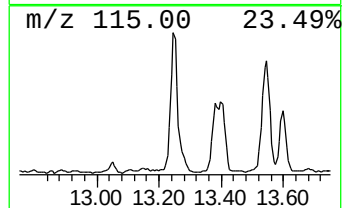
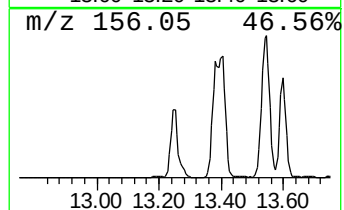
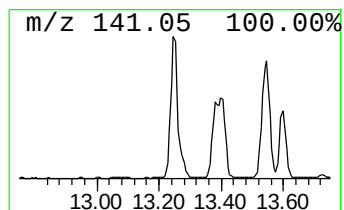
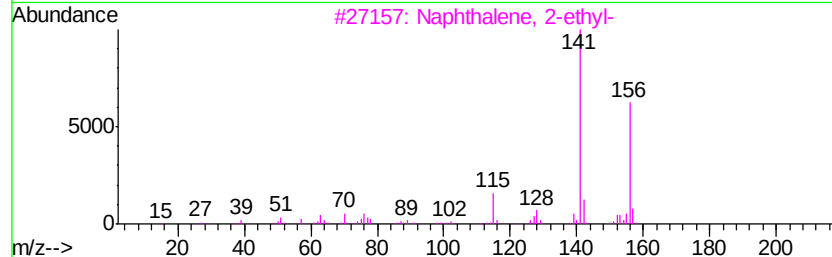
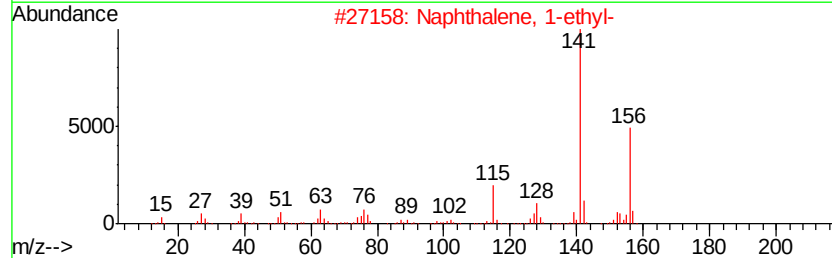
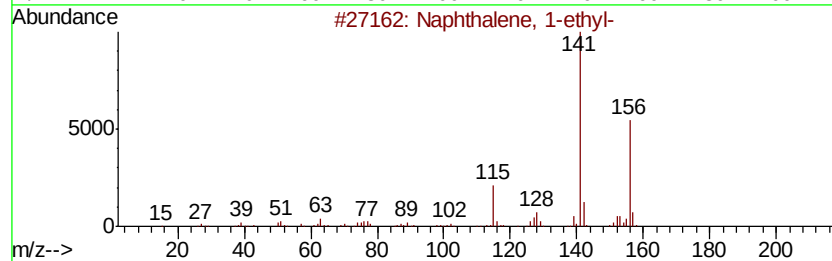
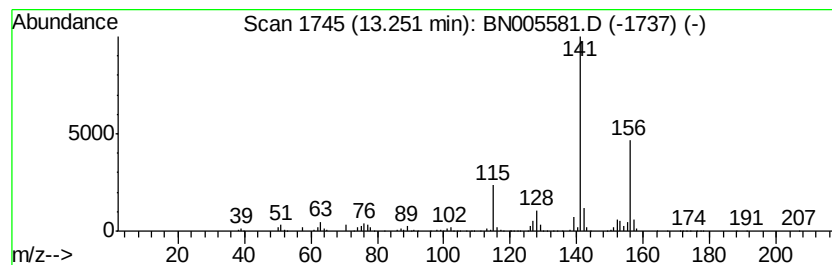
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.25	9.48 ng/ul	2103670	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, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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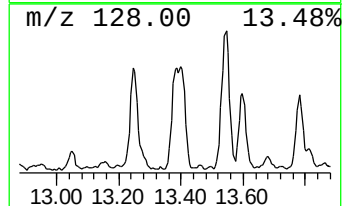
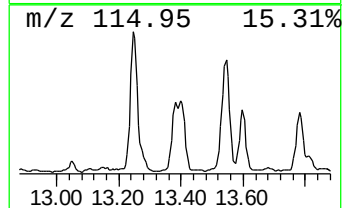
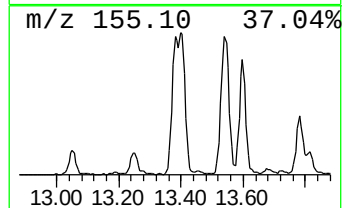
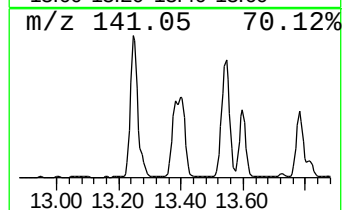
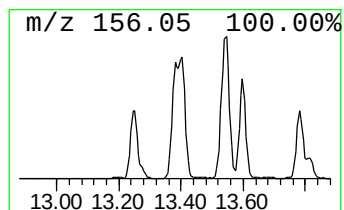
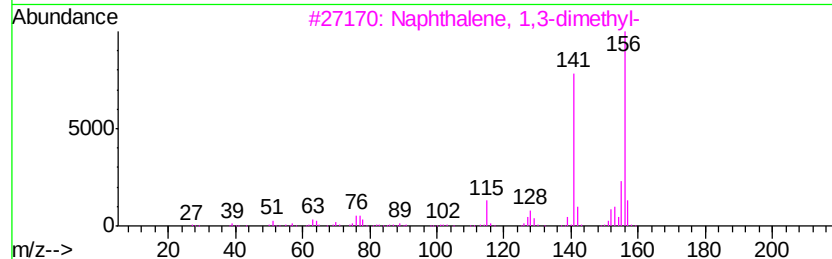
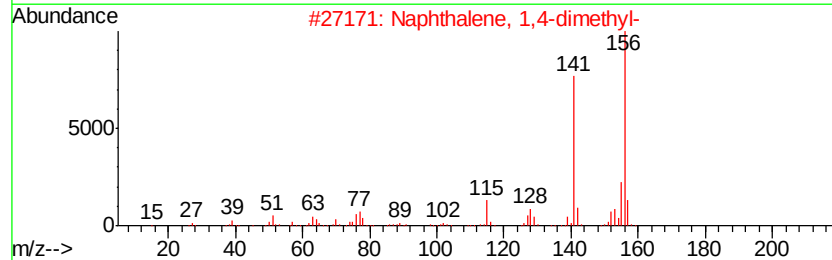
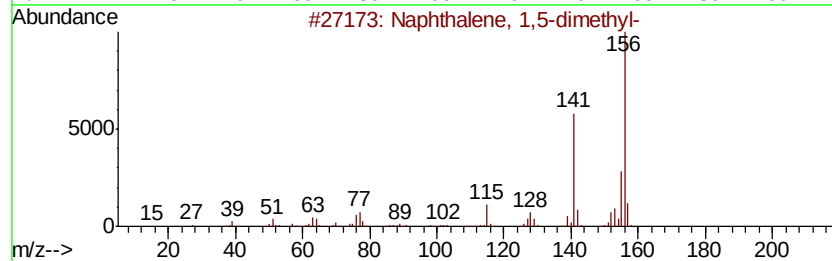
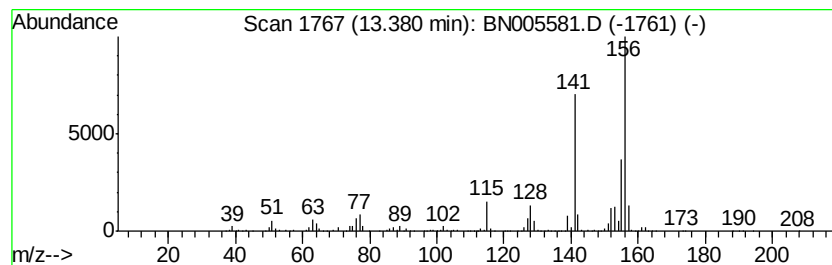
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	8.01 ng/ul	1777680	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

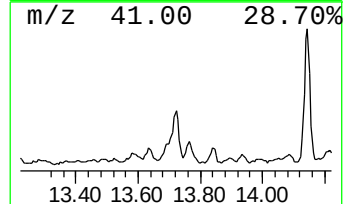
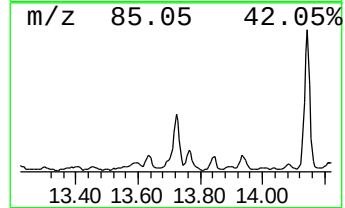
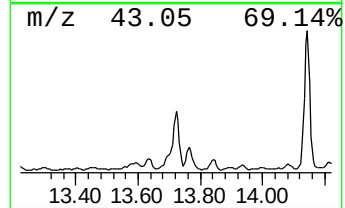
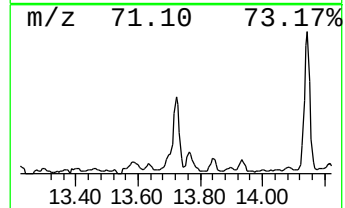
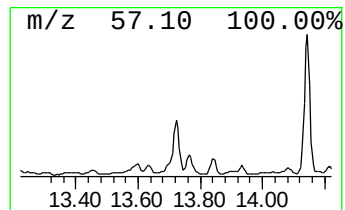
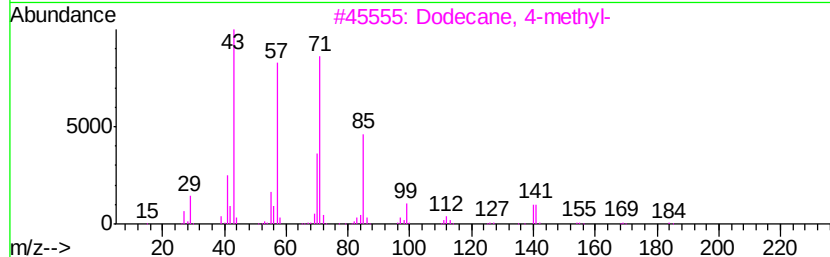
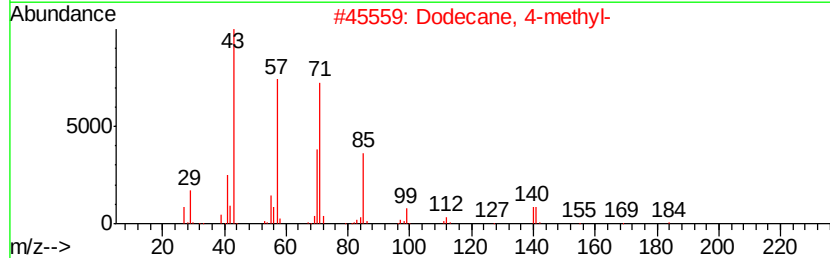
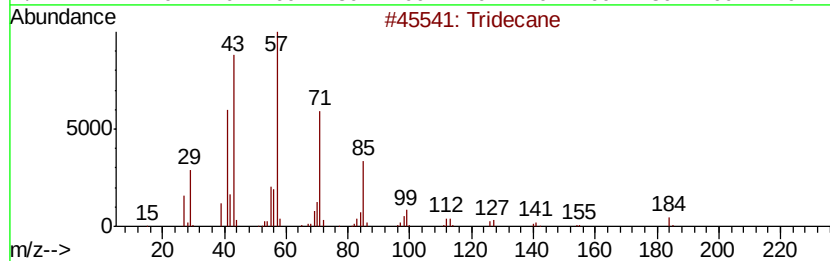
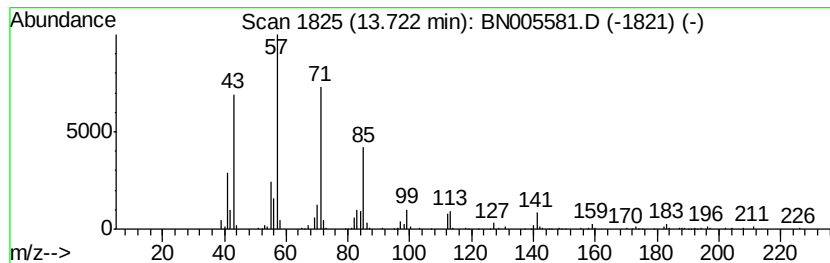
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.72	3.63 ng/ul	806116	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Acq On : 10 May 2019 00:01
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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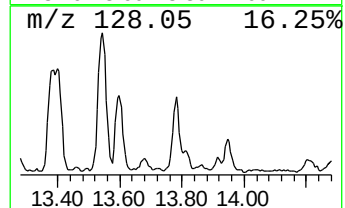
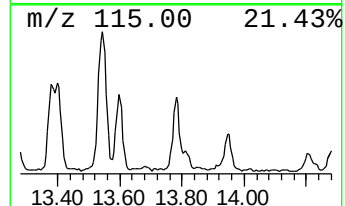
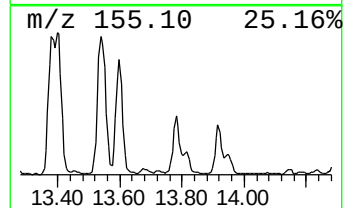
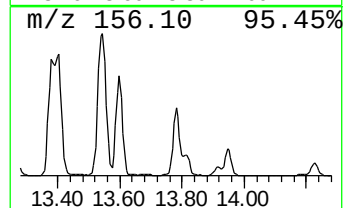
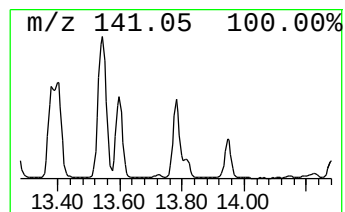
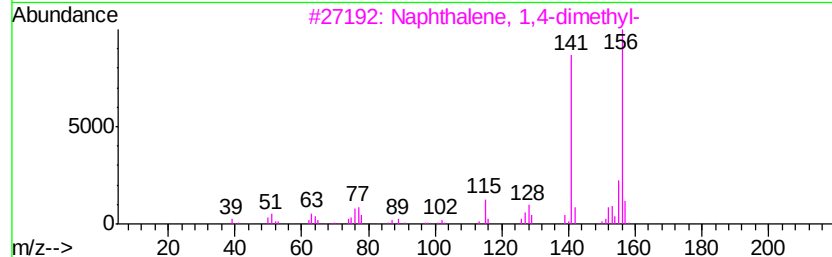
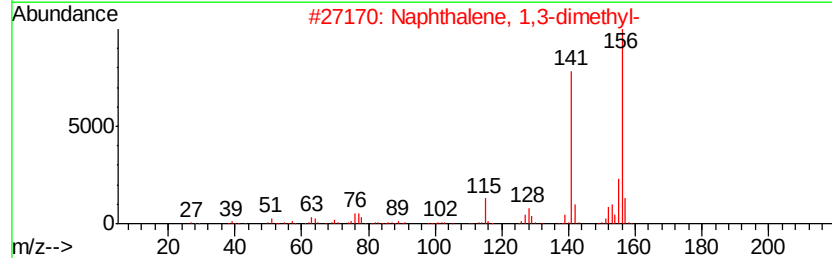
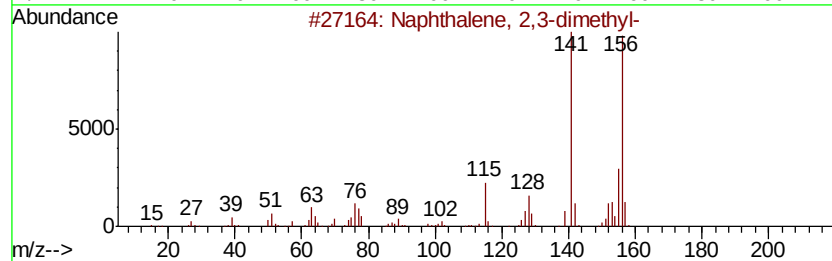
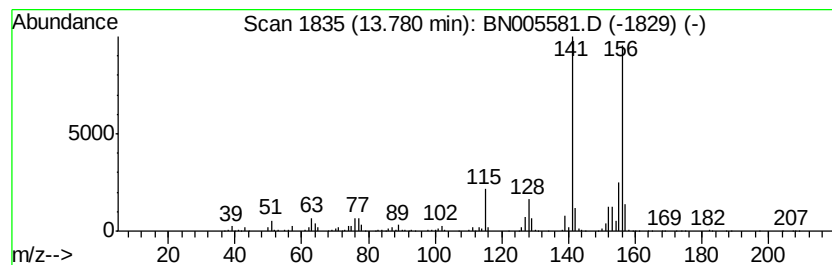
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	5.89 ng/ul	1307300	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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
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Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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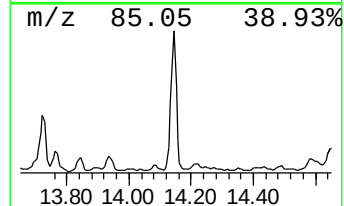
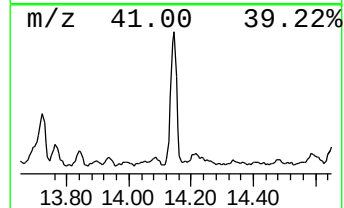
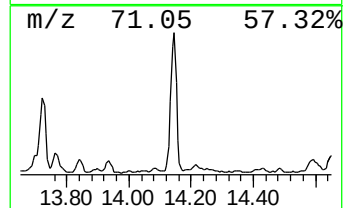
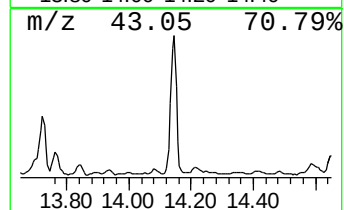
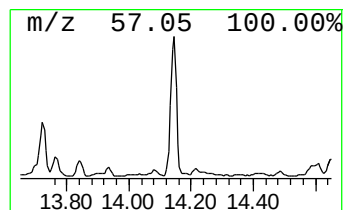
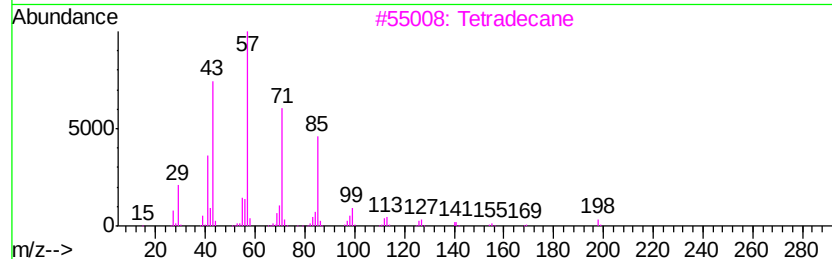
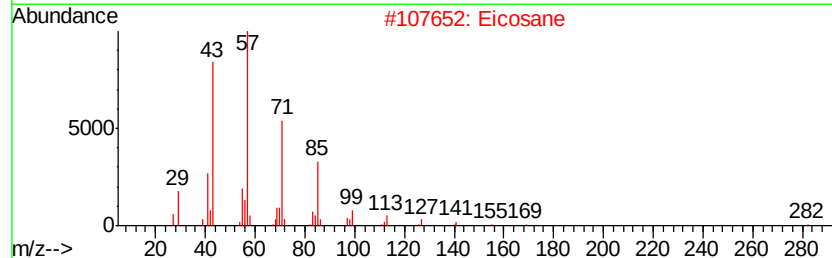
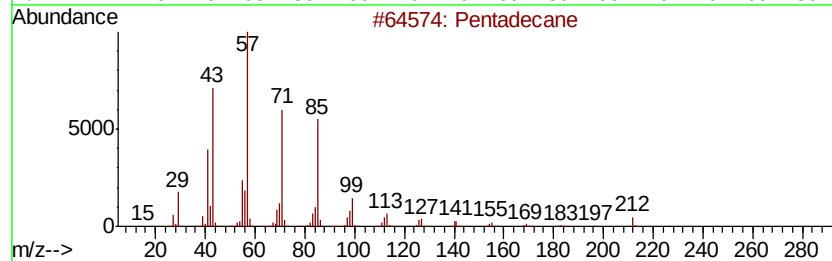
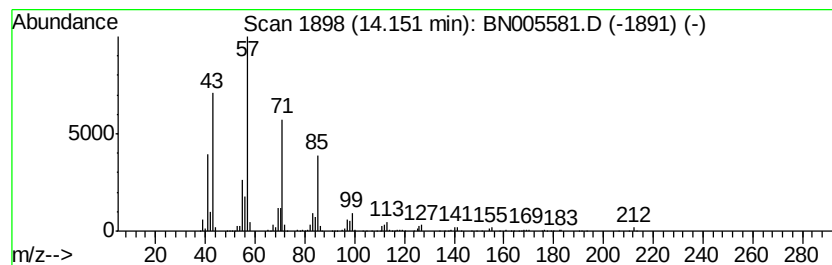
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.94 ng/ul	1538800	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Eicosane	282	C20H42	000112-95-8	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
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Misc :
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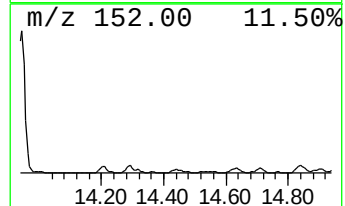
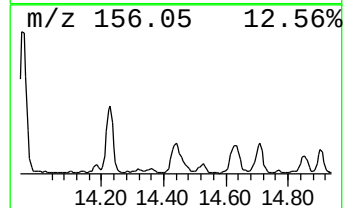
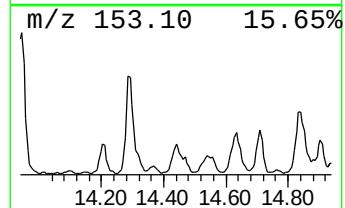
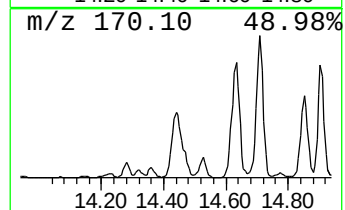
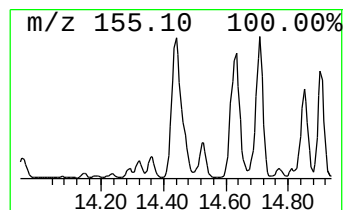
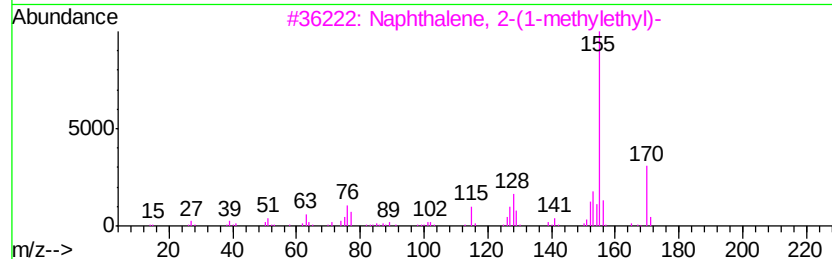
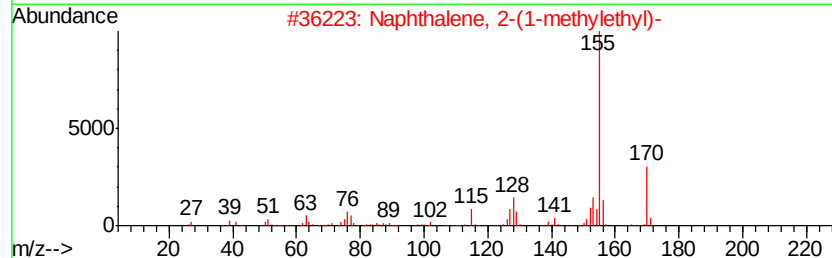
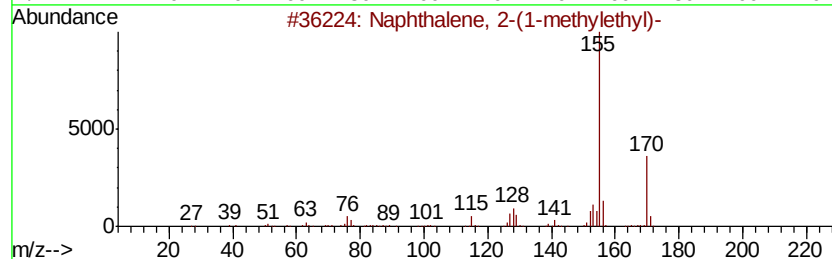
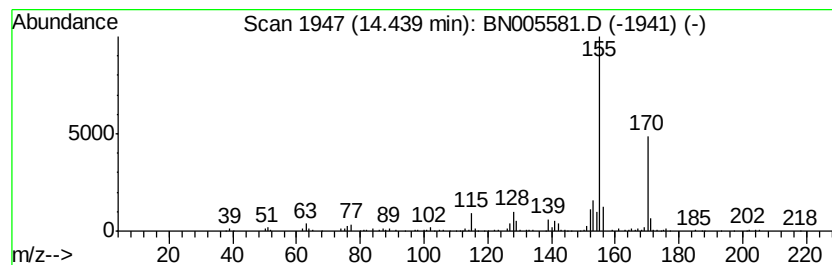
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 2-(1-methyleth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.39 ng/ul	753114	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
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Sample : K2603-16MEDL 10X
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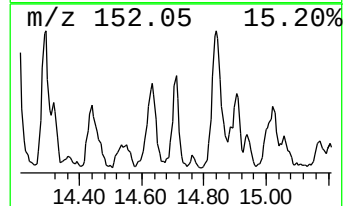
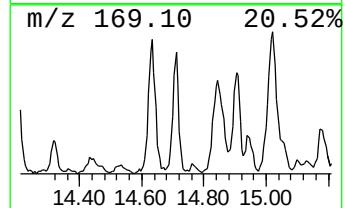
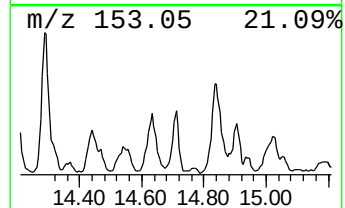
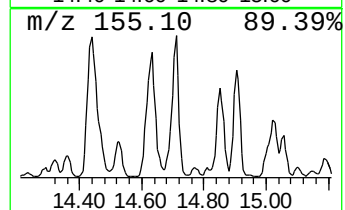
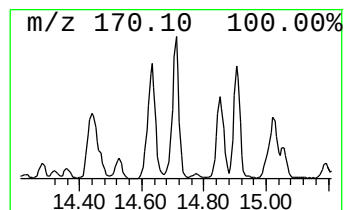
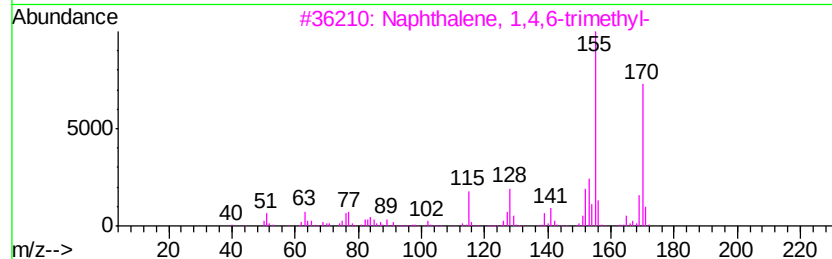
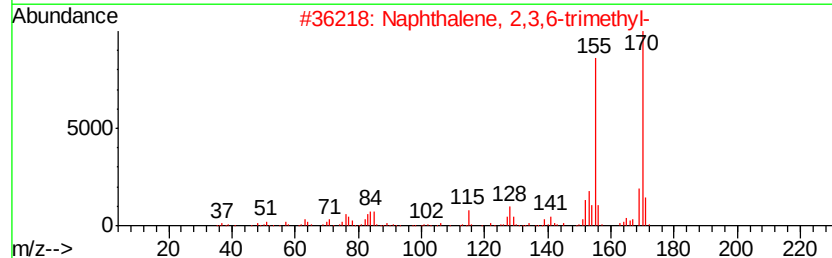
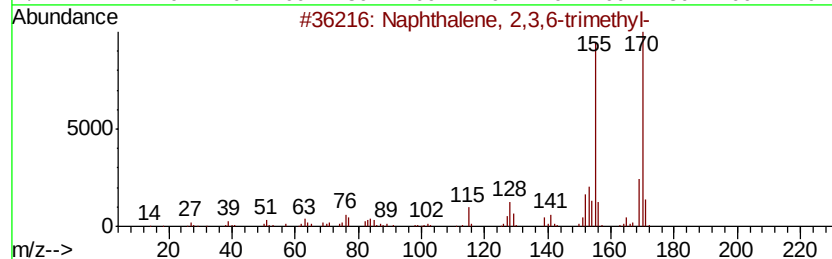
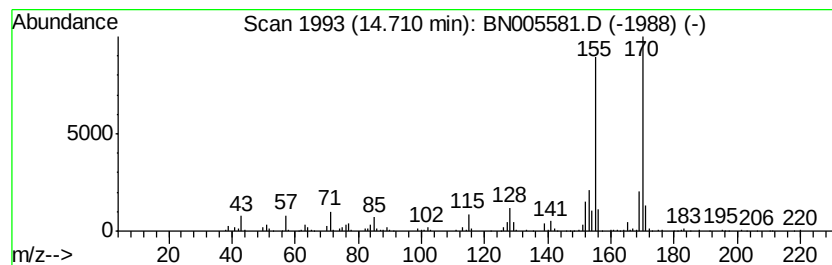
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.71	3.10 ng/ul	688325	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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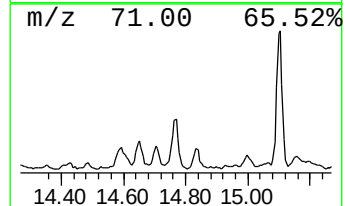
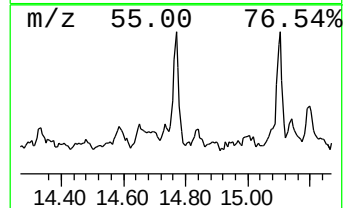
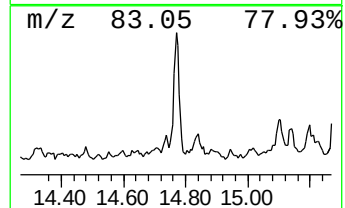
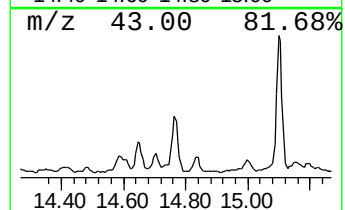
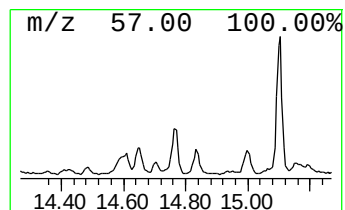
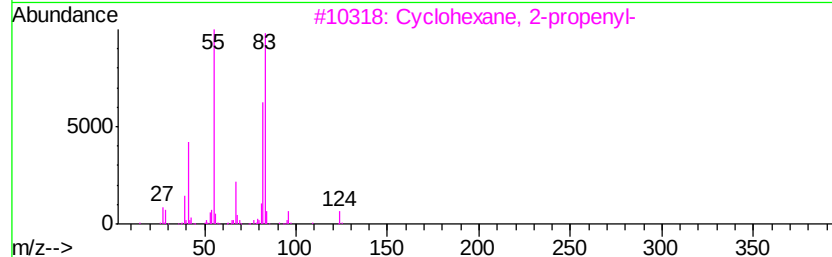
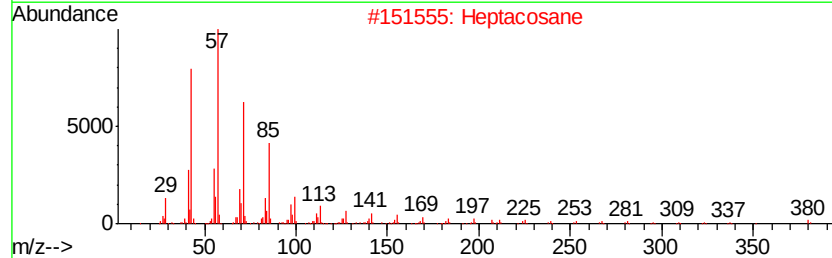
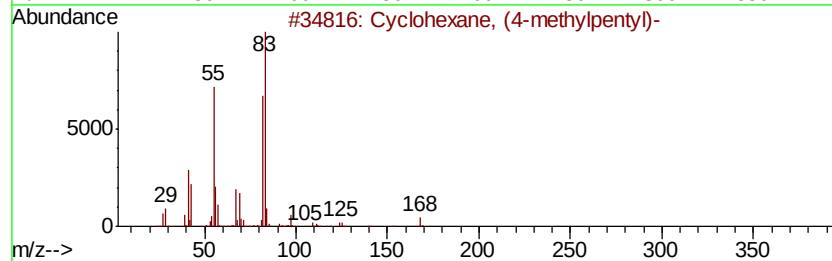
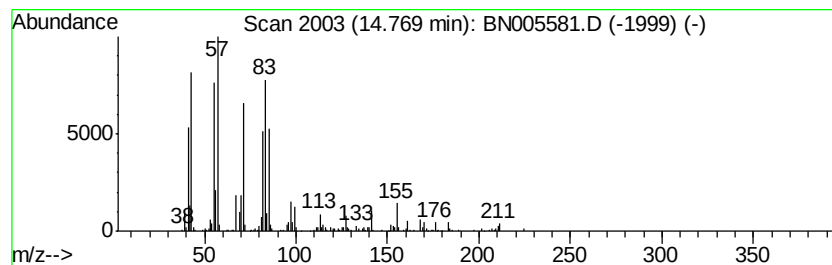
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.57 ng/ul	569192	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
2			Heptacosane	380	C27H56	000593-49-7	43
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	38
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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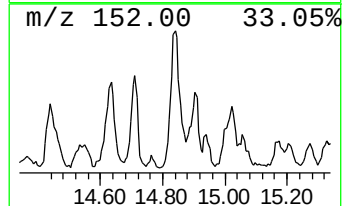
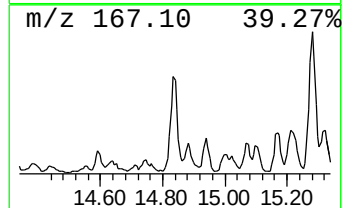
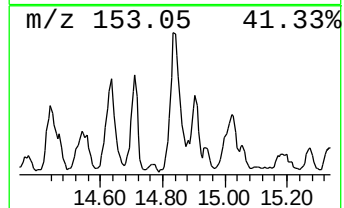
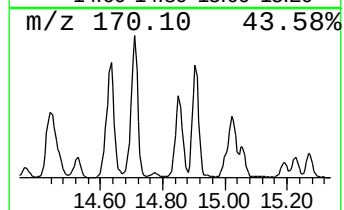
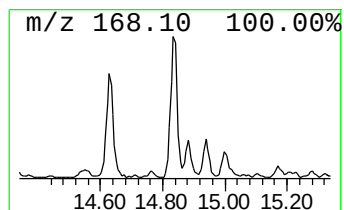
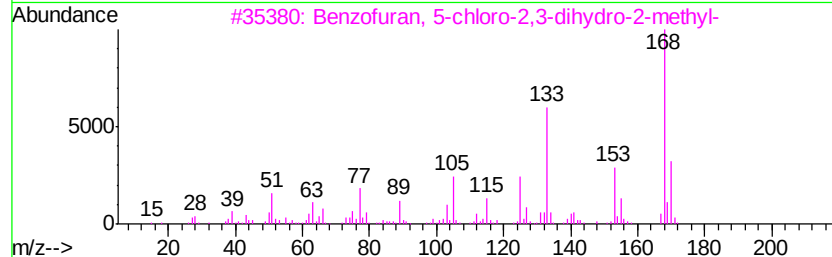
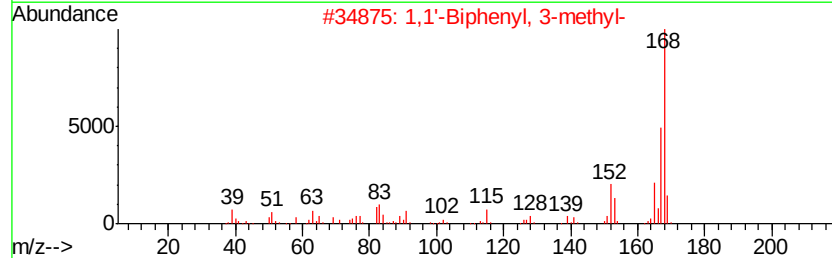
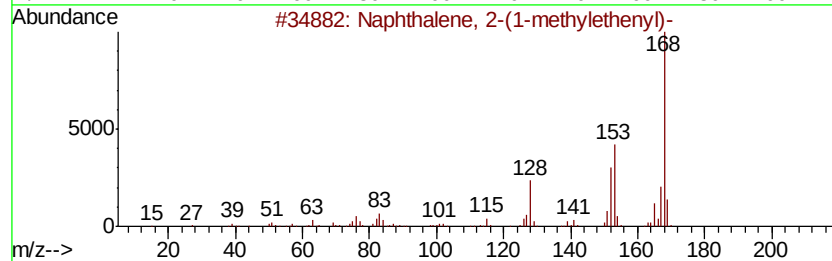
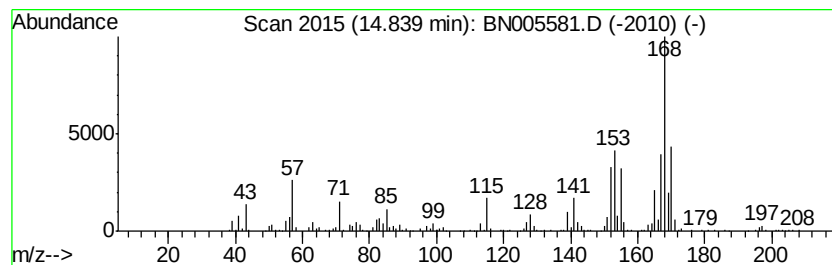
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.39 ng/ul	974977	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
3		Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	40
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
5		Pyrazol-5-amine, 1,3-dimethyl-4-...	168	C6H8N4S	019688-92-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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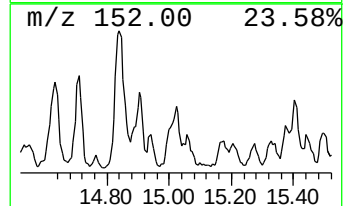
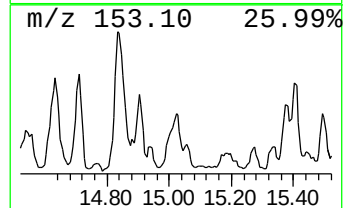
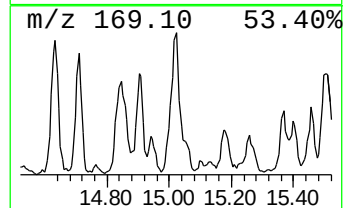
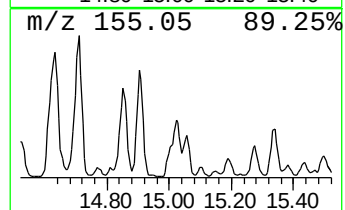
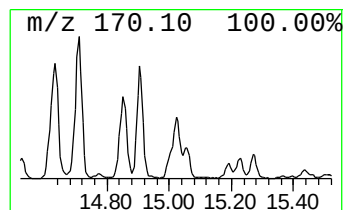
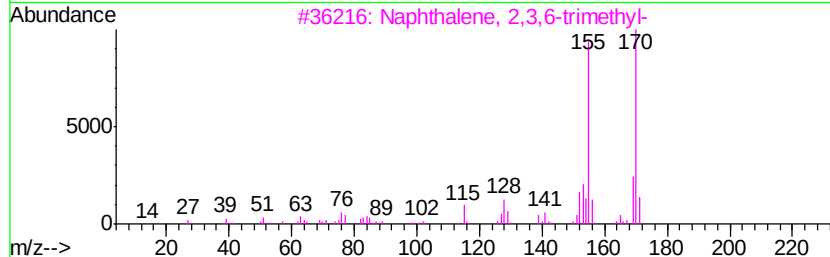
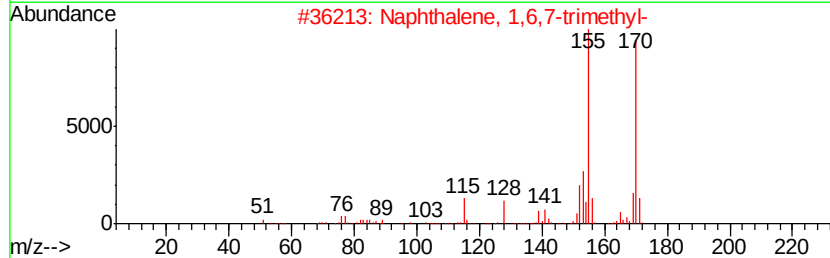
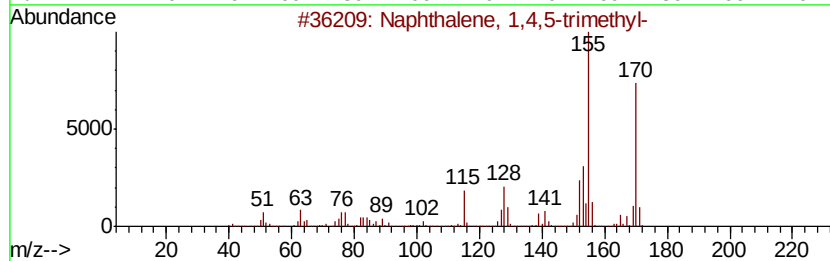
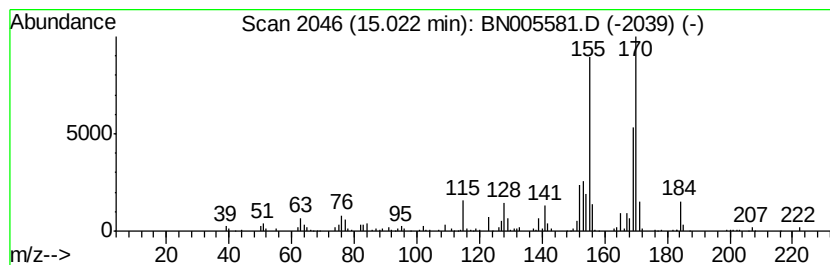
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1,4,5-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.56 ng/ul	569033	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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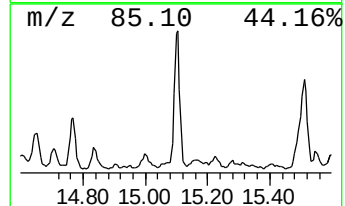
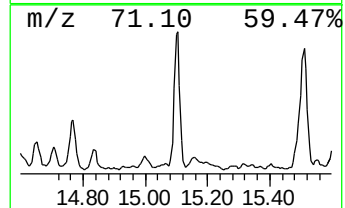
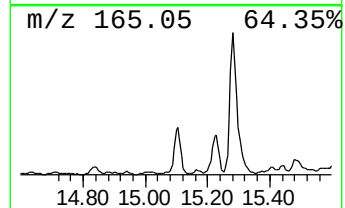
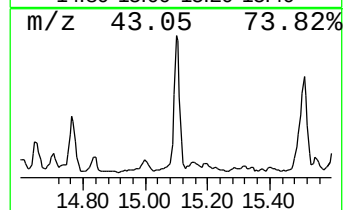
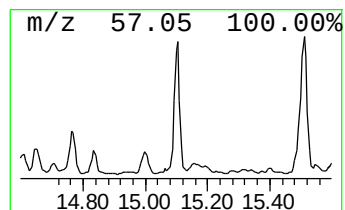
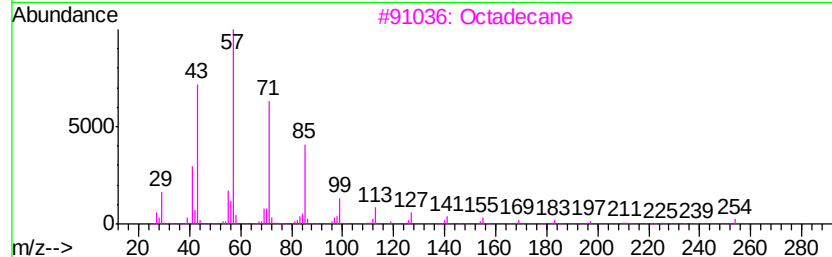
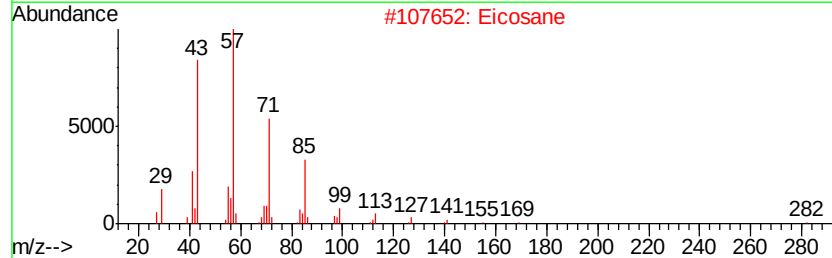
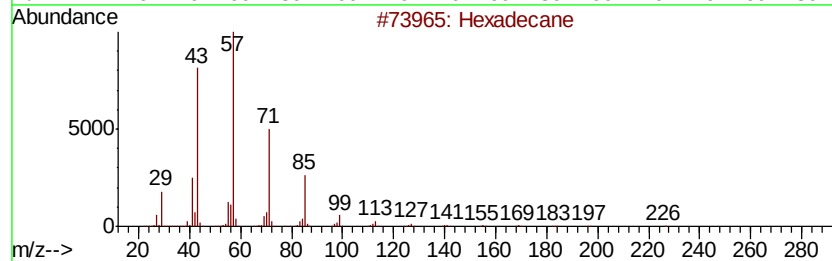
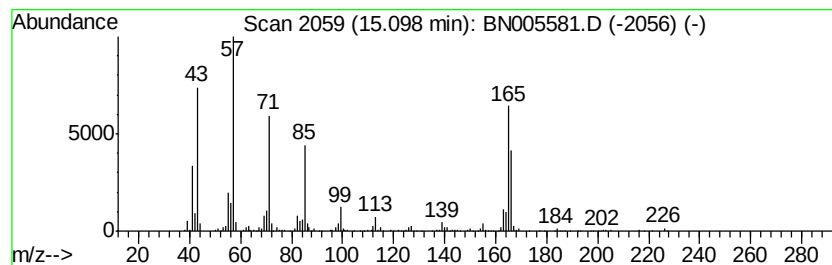
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.20 ng/ul	1153770	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Eicosane	282	C20H42	000112-95-8	45
3		Octadecane	254	C18H38	000593-45-3	43
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38
5		Eicosane	282	C20H42	000112-95-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
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Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

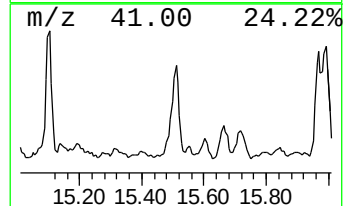
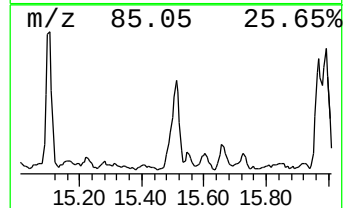
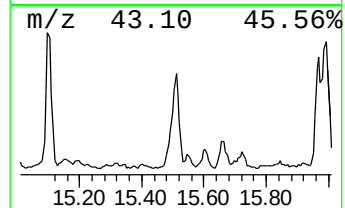
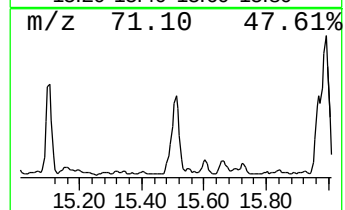
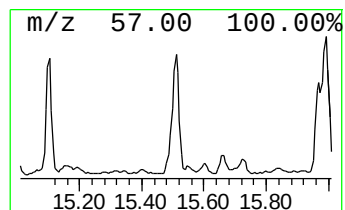
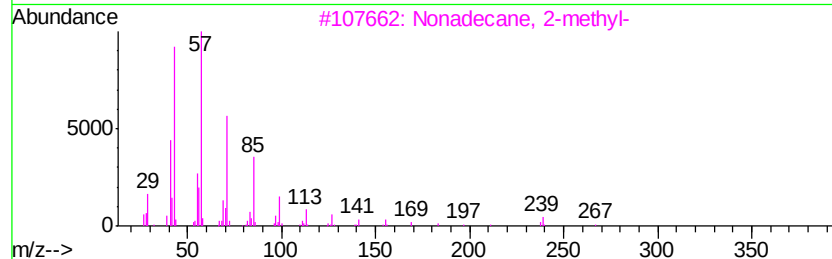
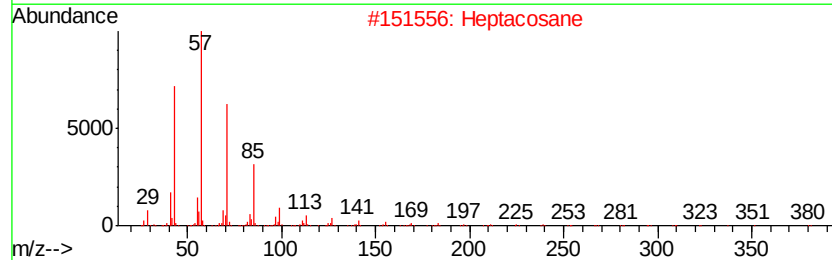
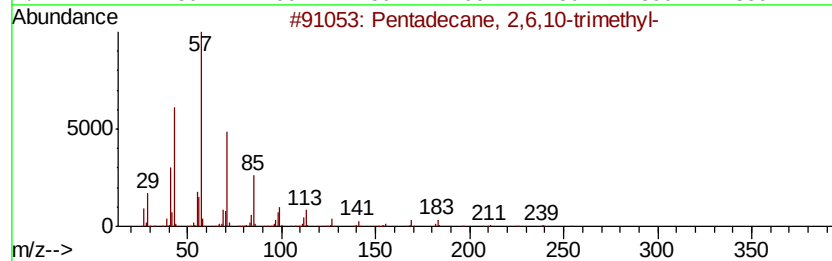
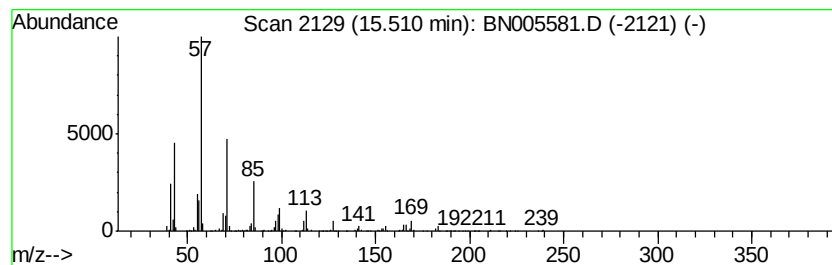
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.51	5.62 ng/ul	1247880	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptacosane	380	C27H56	000593-49-7	80
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
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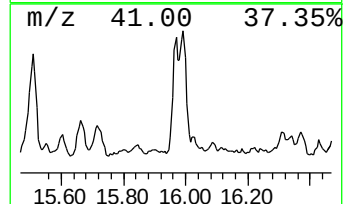
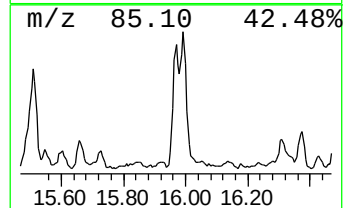
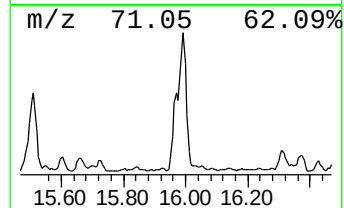
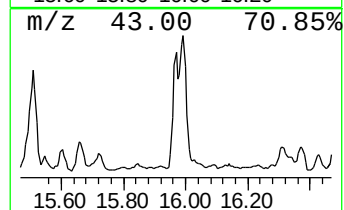
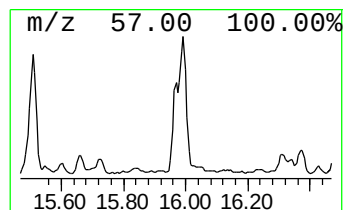
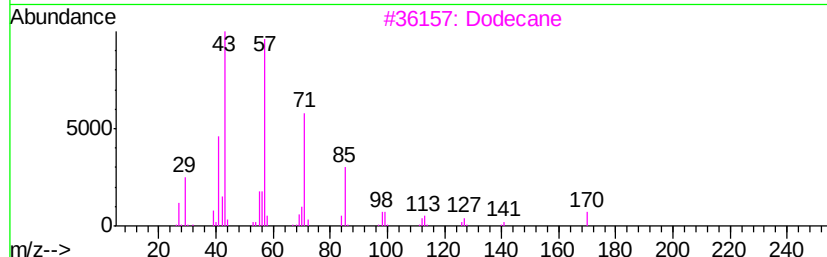
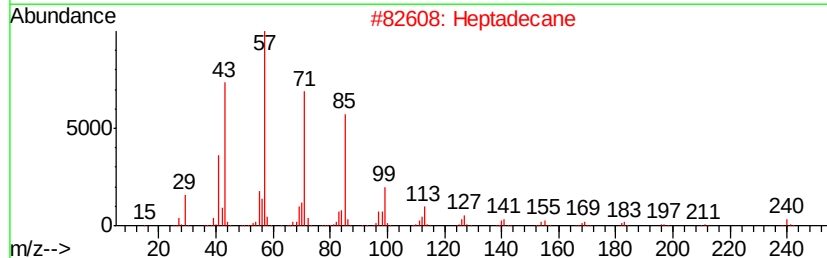
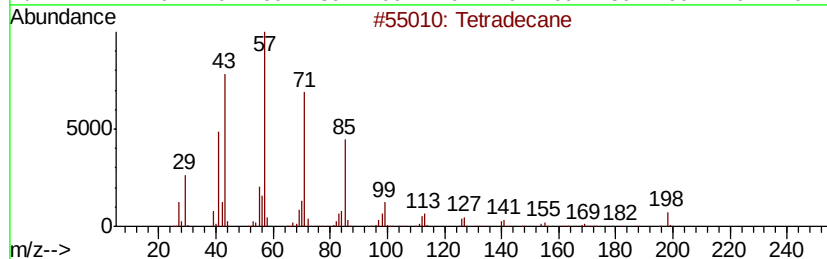
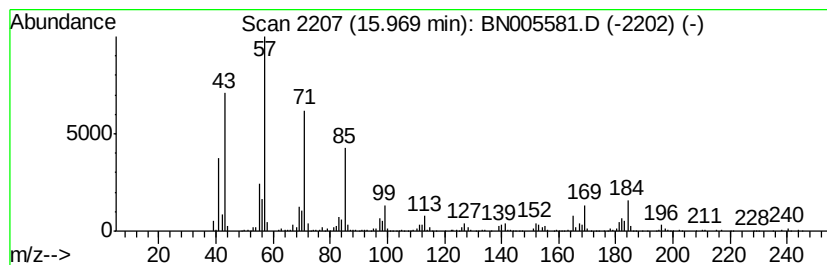
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	5.34 ng/ul	1135430	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Heptadecane	240	C17H36	000629-78-7	89
3		Dodecane	170	C12H26	000112-40-3	76
4		Heptacosane	380	C27H56	000593-49-7	74
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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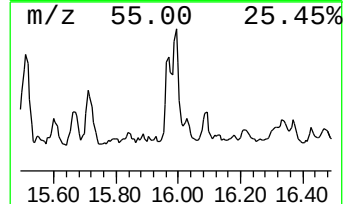
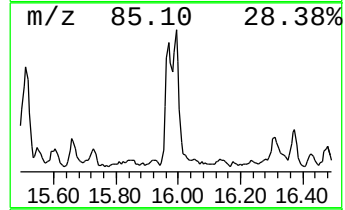
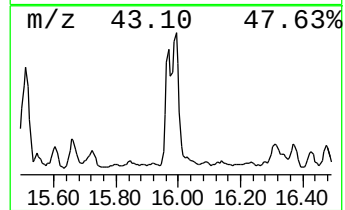
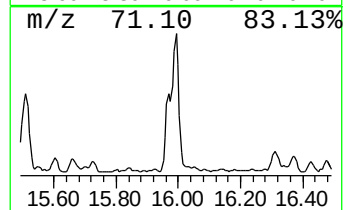
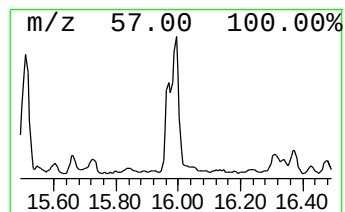
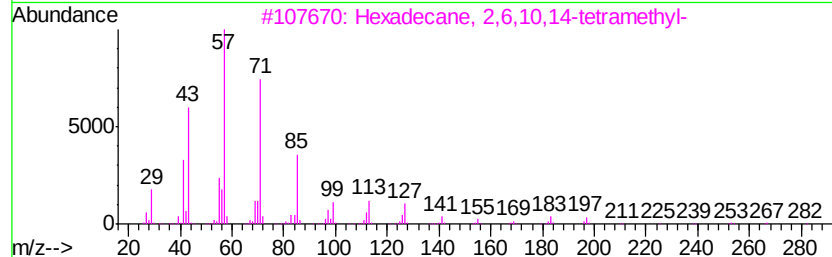
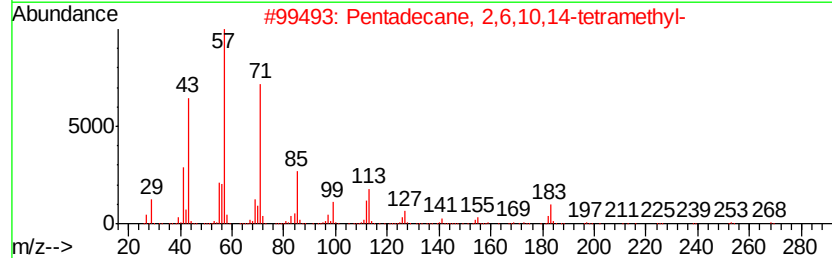
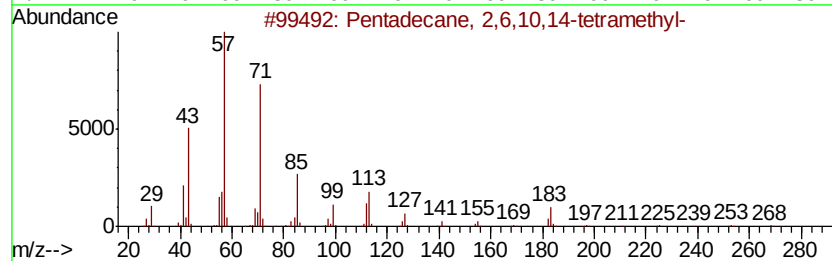
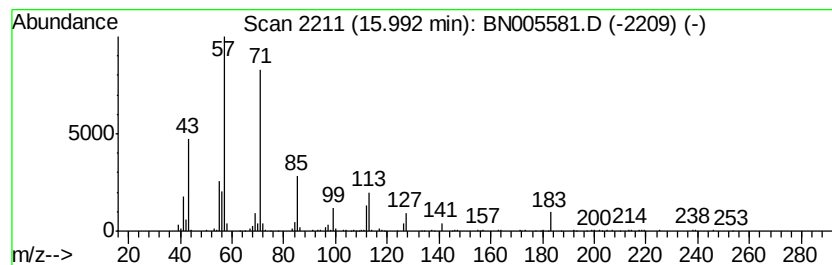
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	4.11 ng/ul	873628	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

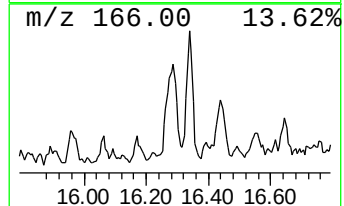
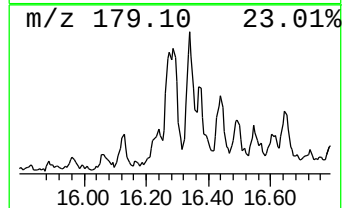
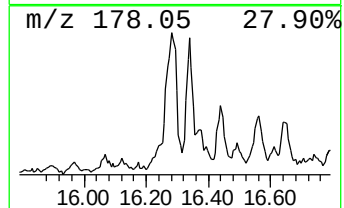
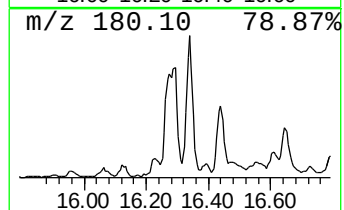
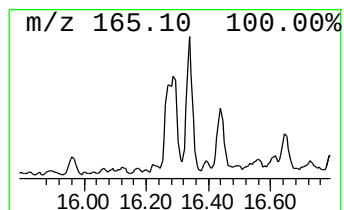
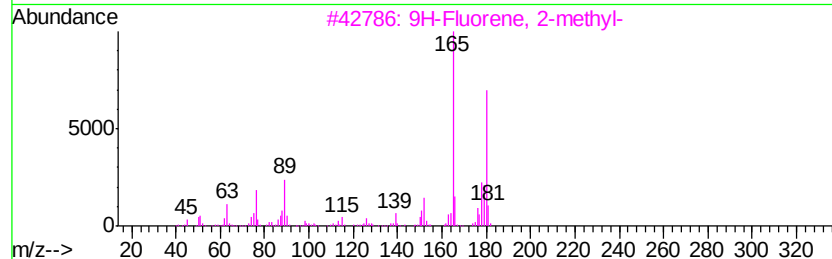
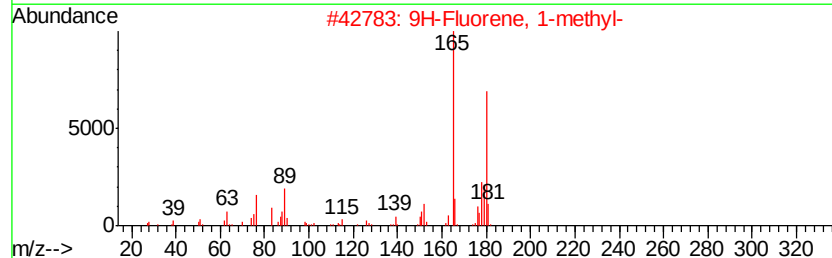
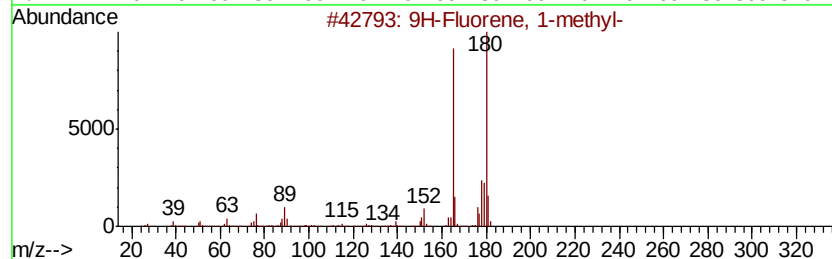
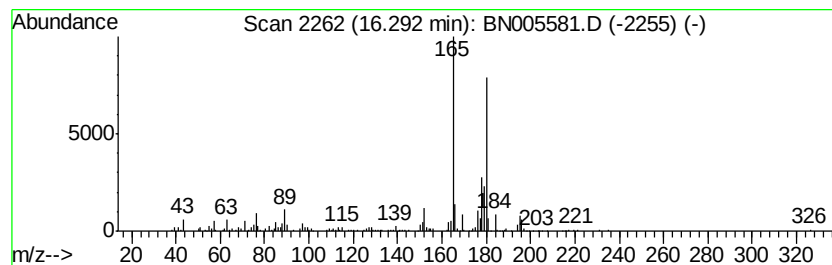
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 9H-Fluorene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.36 ng/ul	714722	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

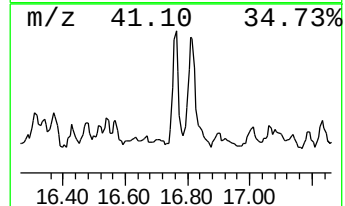
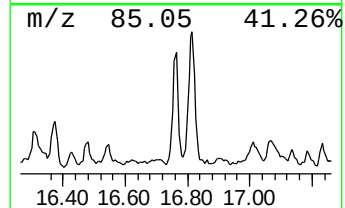
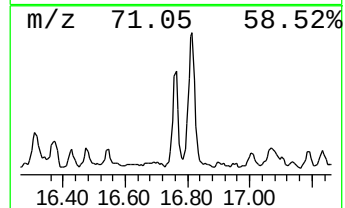
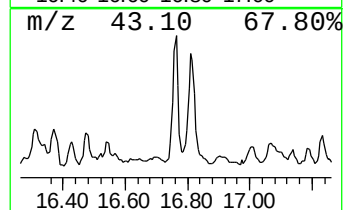
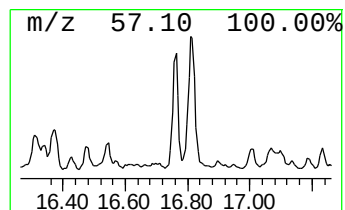
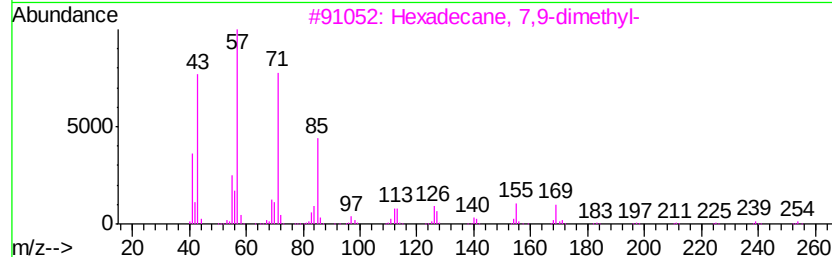
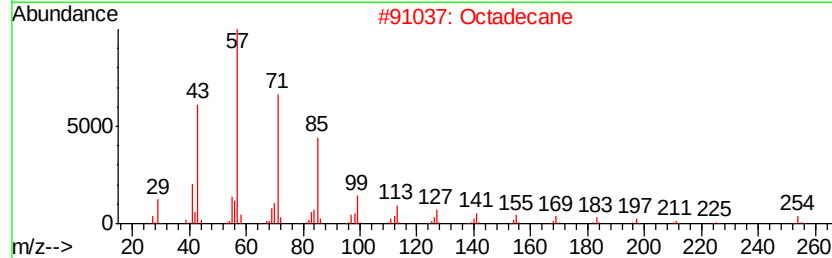
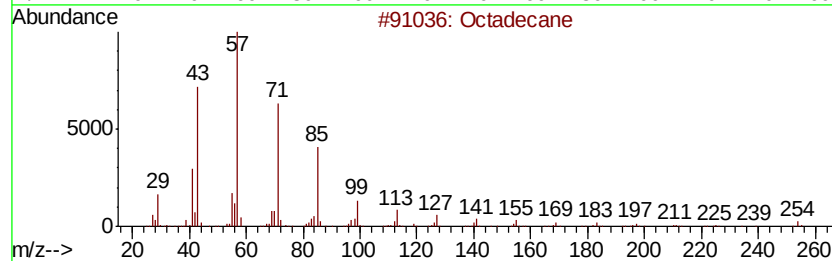
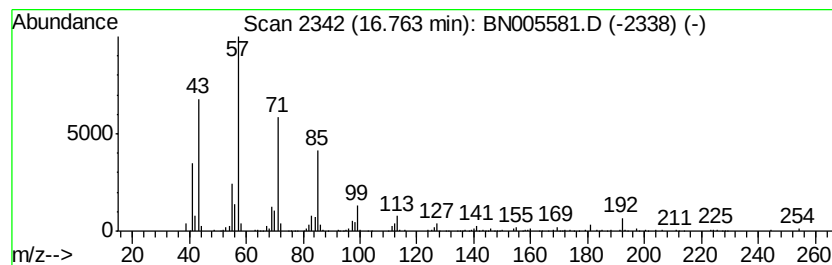
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.43 ng/ul	515996	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Octadecane	254	C18H38	000593-45-3	93
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
4			Eicosane	282	C20H42	000112-95-8	87
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

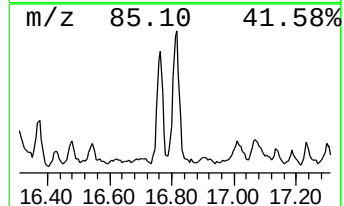
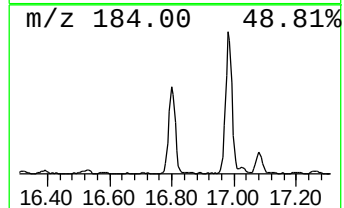
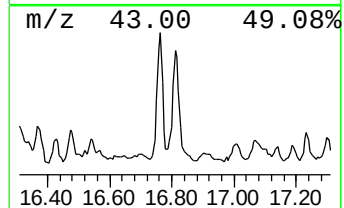
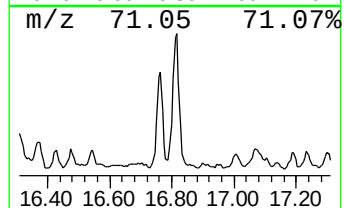
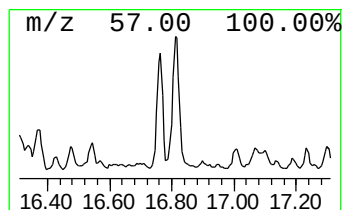
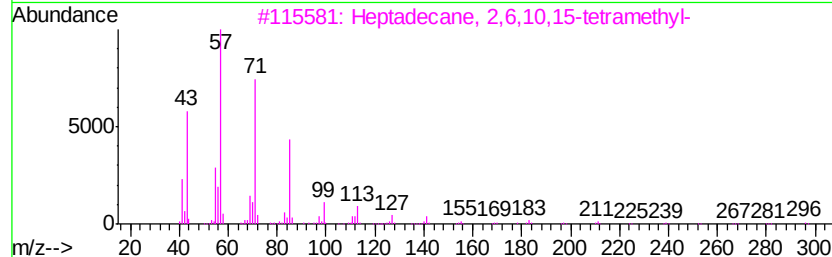
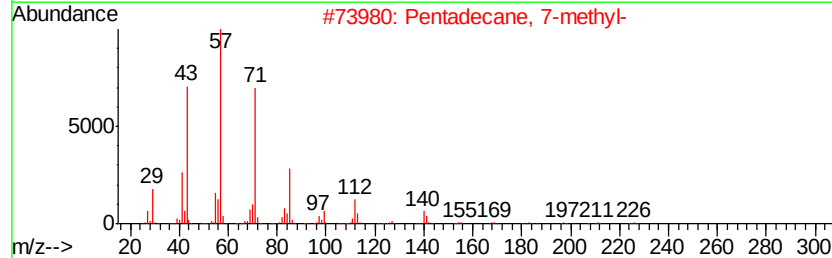
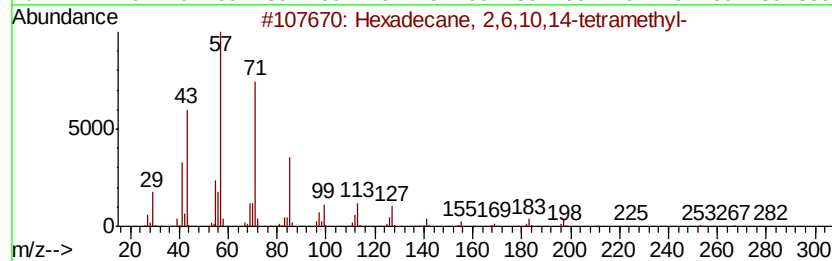
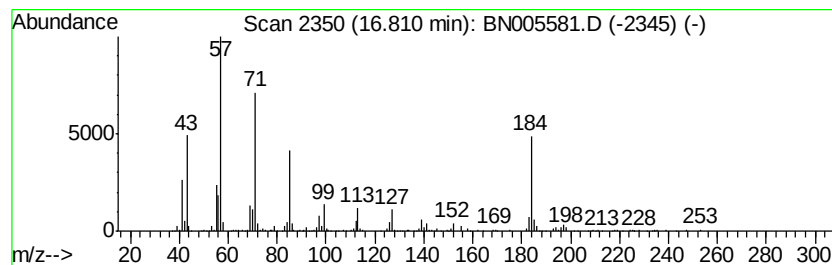
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	5.97 ng/ul	1267660	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5			Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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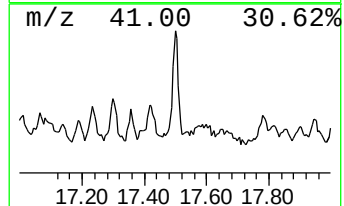
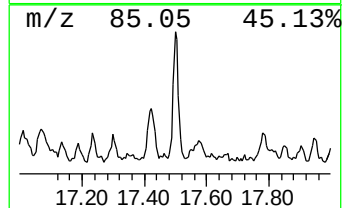
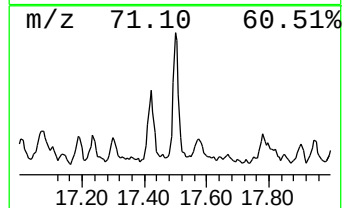
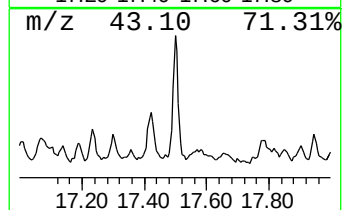
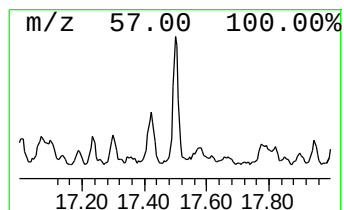
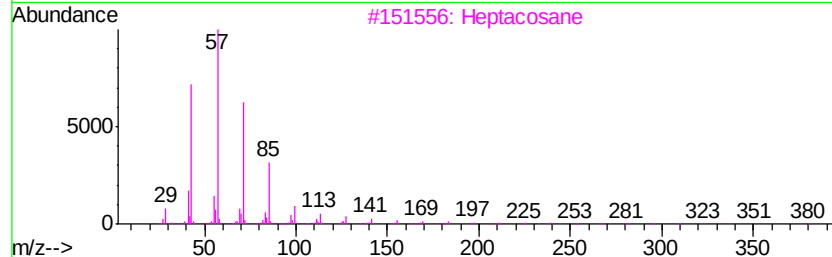
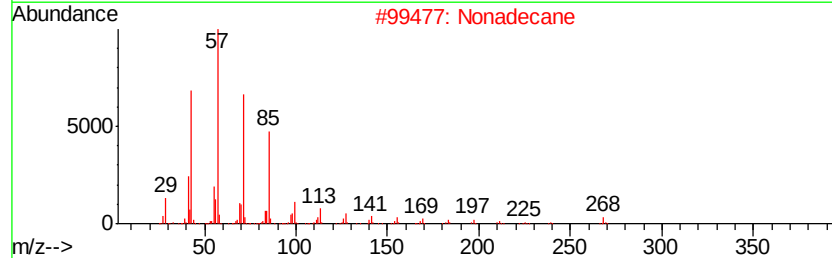
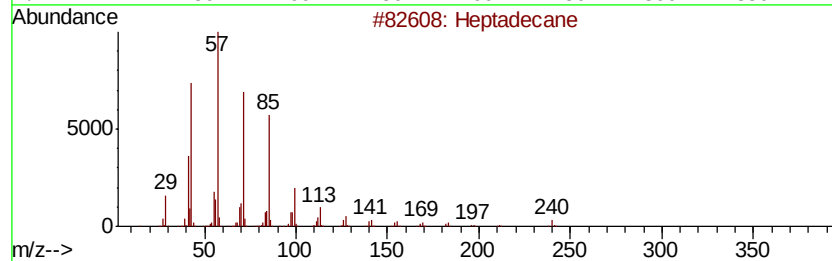
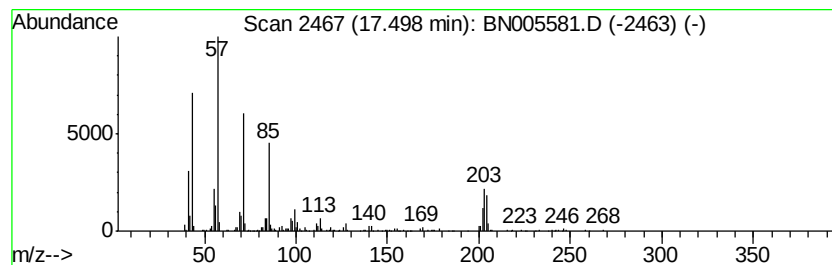
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.47 ng/ul	523997	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	95
3		Heptacosane	380	C27H56	000593-49-7	62
4		Eicosane	282	C20H42	000112-95-8	62
5		Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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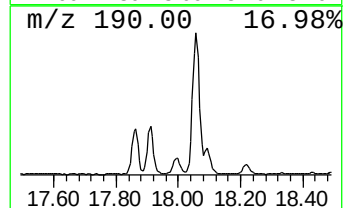
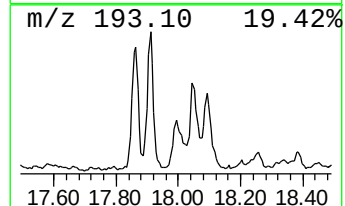
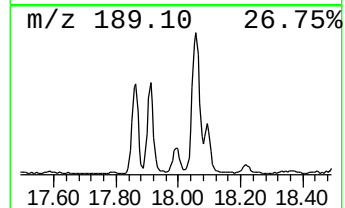
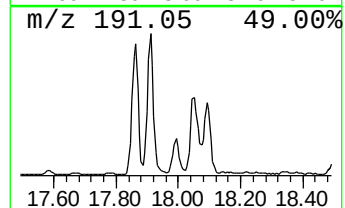
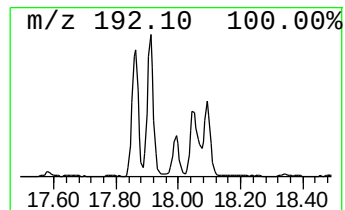
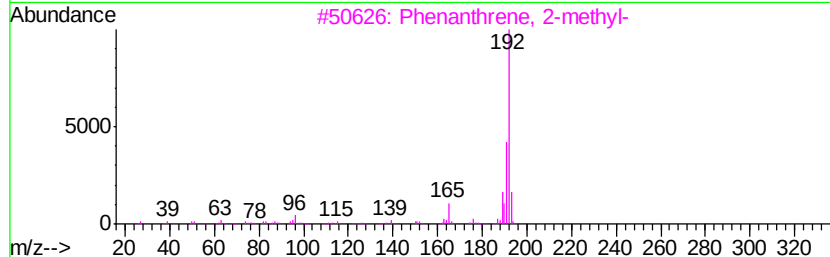
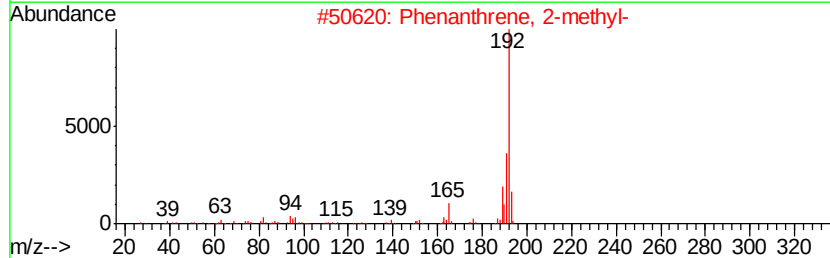
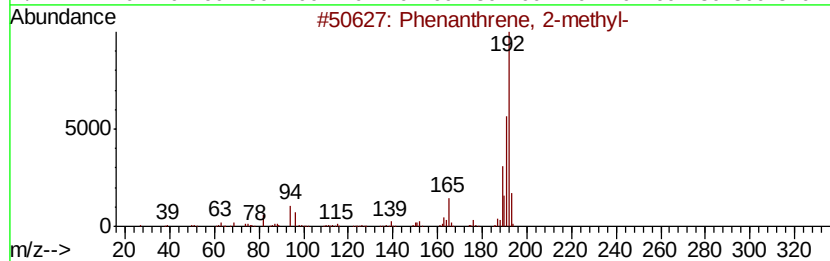
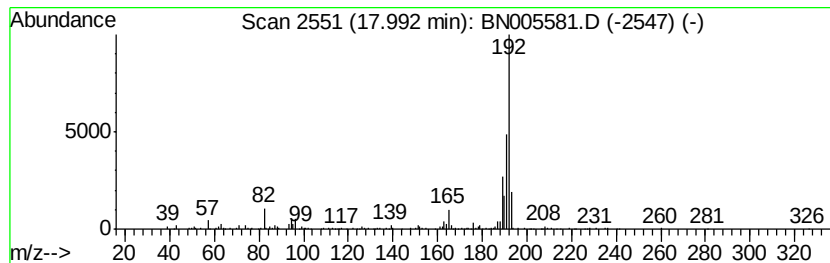
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Phenanthrene, 2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.11 ng/ul	449041	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
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Sample : K2603-16MEDL 10X
Misc :
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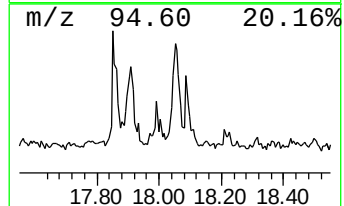
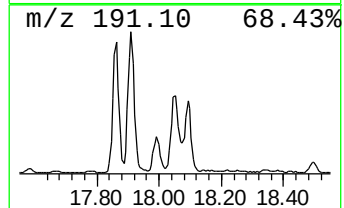
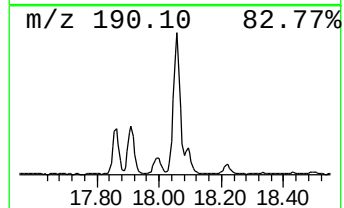
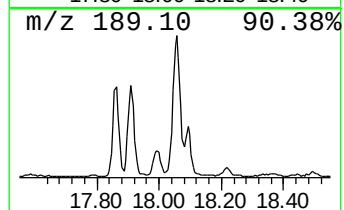
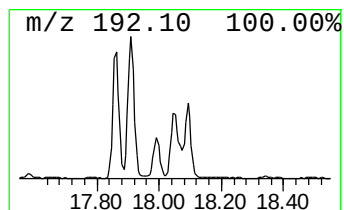
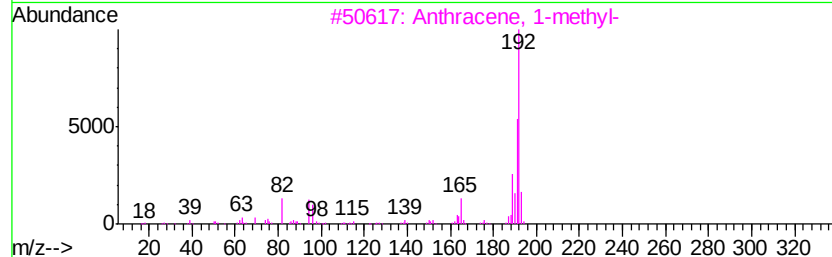
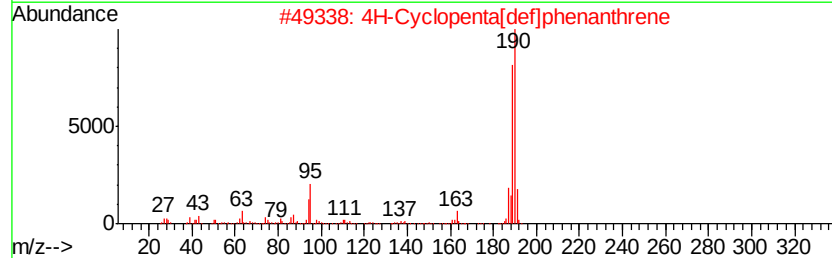
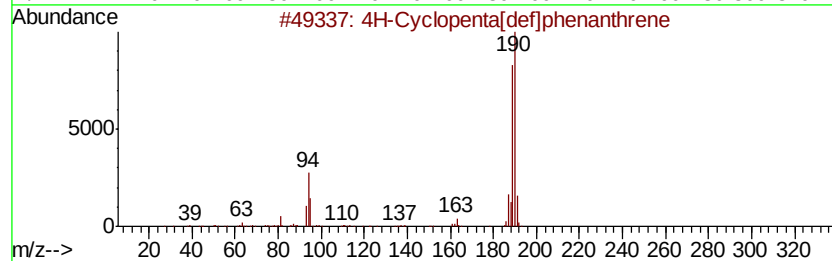
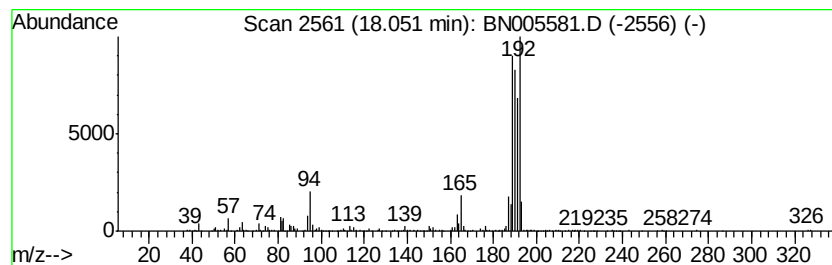
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	6.26 ng/ul	1330450	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	43
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

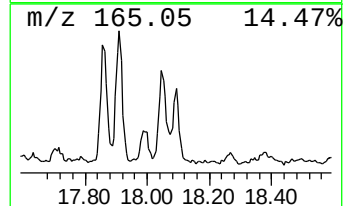
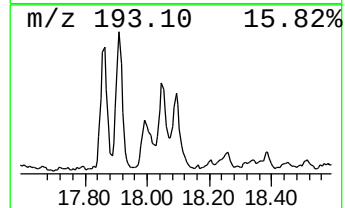
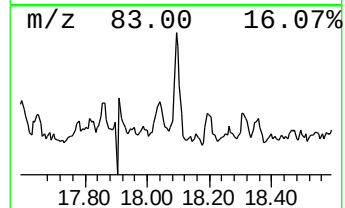
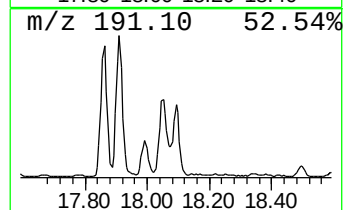
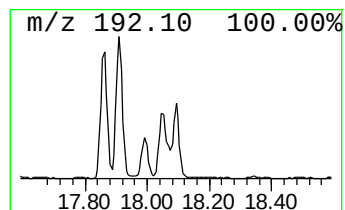
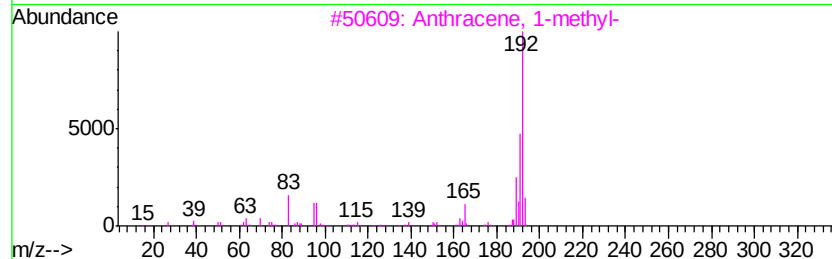
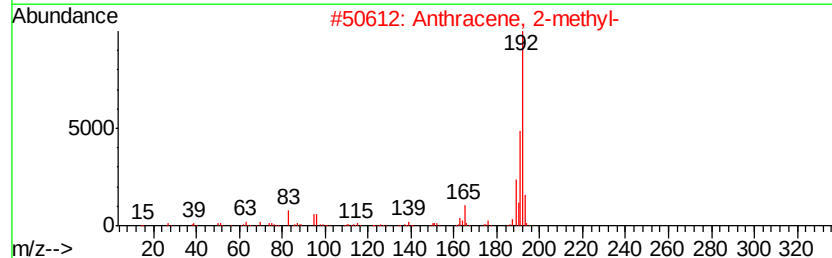
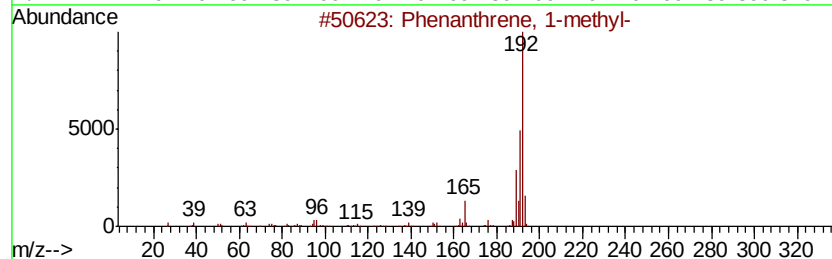
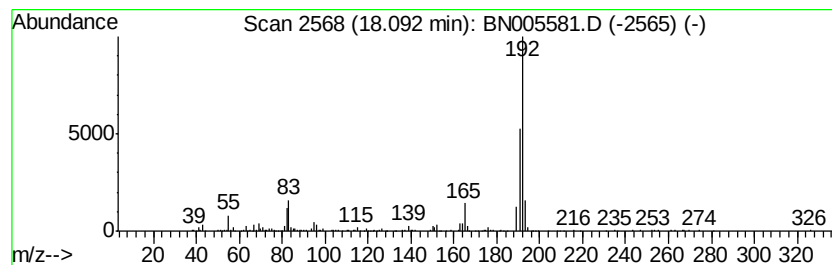
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Phenanthrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.19 ng/ul	678612	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

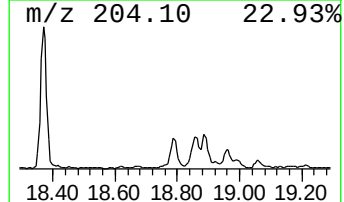
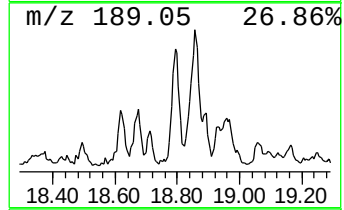
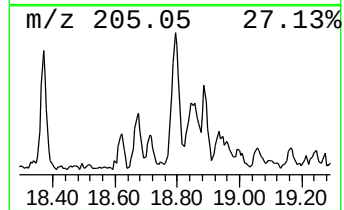
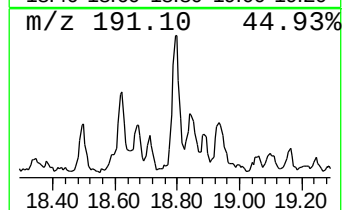
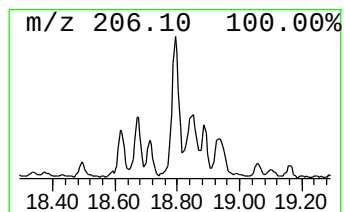
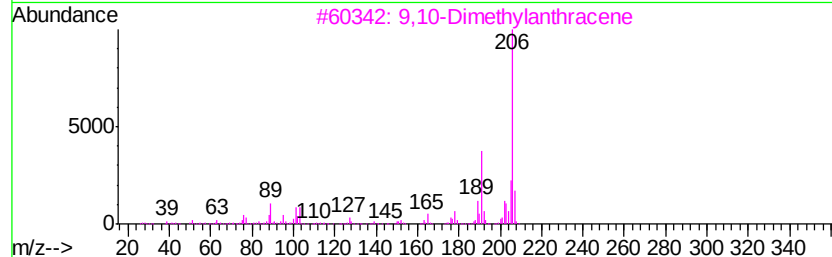
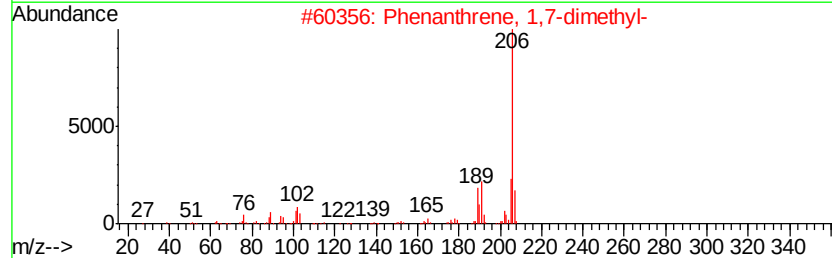
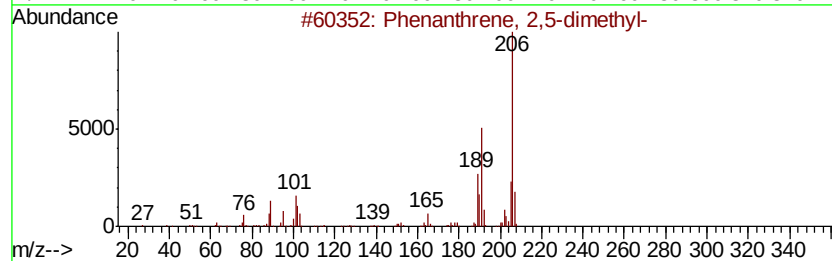
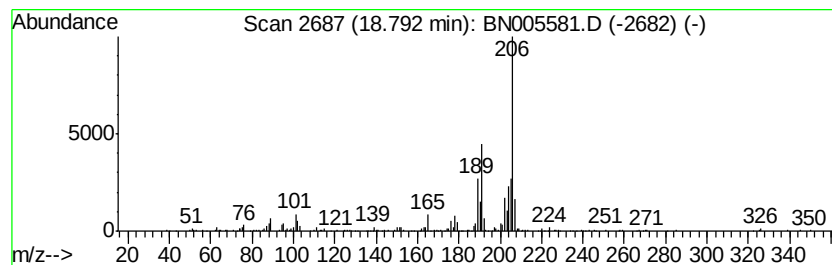
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Phenanthrene, 2,5-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.17 ng/ul	460581	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

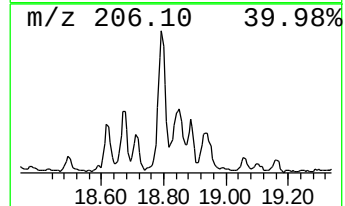
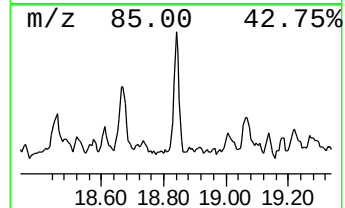
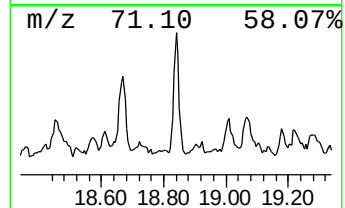
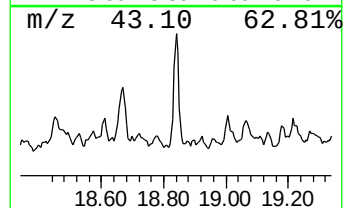
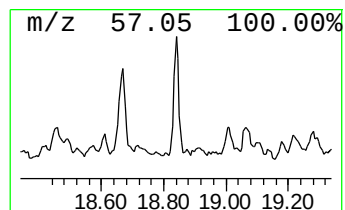
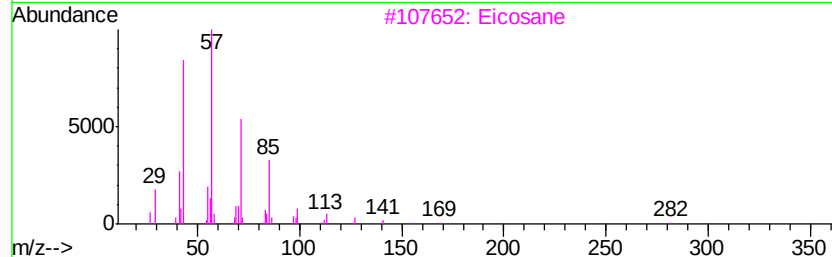
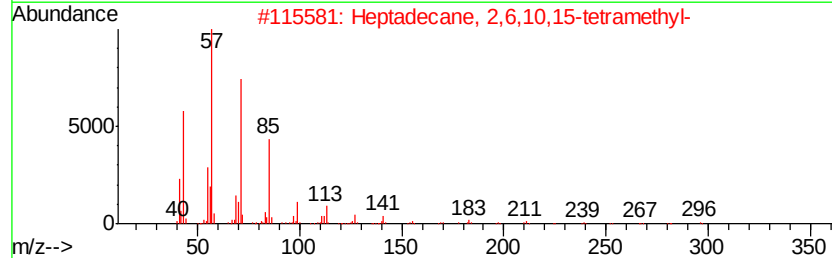
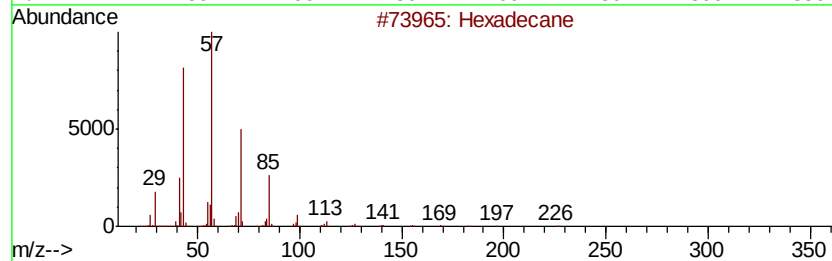
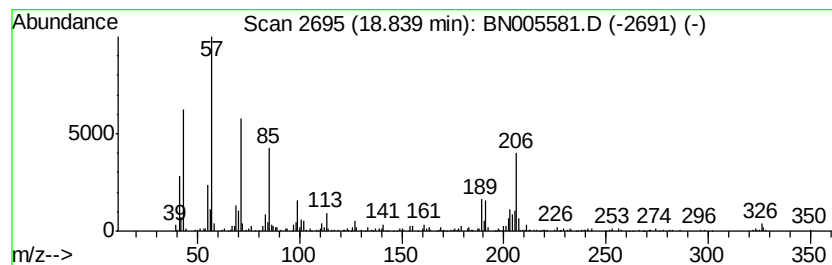
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.48 ng/ul	527398	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3		Eicosane	282	C20H42	000112-95-8	78
4		Hexadecane	226	C16H34	000544-76-3	70
5		Hexadecane	226	C16H34	000544-76-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
 Data File : BN005581.D
 Acq On : 10 May 2019 00:01
 Operator : JU/SJ
 Sample : K2603-16MEDL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ68MEDL

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
unknown-01	7.25	9.5	ng/ul	954631	1	7.59	2009370	20.0
Indene	8.12	13.1	ng/ul	1311670	1	7.59	2009370	20.0
Benzene, 2-ethyl-...	8.68	2.4	ng/ul	241477	1	7.59	2009370	20.0
(DEL) Alkane: Str...	8.80	5.3	ng/ul	530322	1	7.59	2009370	20.0
Benzene, (1-methy...	9.79	4.8	ng/ul	965427	2	10.35	4041060	20.0
Benzene, 1-butylnyl-	9.86	2.6	ng/ul	523575	2	10.35	4041060	20.0
(DEL) Alkane: Str...	11.39	4.1	ng/ul	826669	2	10.35	4041060	20.0
(DEL) Alkane: Str...	11.79	6.4	ng/ul	1287460	2	10.35	4041060	20.0
Naphthalene, 1-me...	12.24	19.3	ng/ul	3902620	2	10.35	4041060	20.0
(DEL) Alkane: Str...	12.76	2.5	ng/ul	553946	3	14.23	4437500	20.0
Naphthalene, 1-et...	13.25	9.5	ng/ul	2103670	3	14.23	4437500	20.0
Naphthalene, 1,5-...	13.38	8.0	ng/ul	1777680	3	14.23	4437500	20.0
(DEL) Alkane: Str...	13.72	3.6	ng/ul	806116	3	14.23	4437500	20.0
Naphthalene, 2,3-...	13.78	5.9	ng/ul	1307300	3	14.23	4437500	20.0
(DEL) Alkane: Str...	14.15	6.9	ng/ul	1538800	3	14.23	4437500	20.0
Naphthalene, 2-(1...	14.44	3.4	ng/ul	753114	3	14.23	4437500	20.0
Naphthalene, 2,3,...	14.71	3.1	ng/ul	688325	3	14.23	4437500	20.0
(DEL) Alkane: Str...	14.77	2.6	ng/ul	569192	3	14.23	4437500	20.0
unknown-02	14.84	4.4	ng/ul	974977	3	14.23	4437500	20.0
Naphthalene, 1,4,...	15.02	2.6	ng/ul	569033	3	14.23	4437500	20.0
(DEL) Alkane: Str...	15.10	5.2	ng/ul	1153770	3	14.23	4437500	20.0
(DEL) Alkane: Str...	15.51	5.6	ng/ul	1247880	3	14.23	4437500	20.0
(DEL) Alkane: Str...	15.97	5.3	ng/ul	1135430	4	16.98	4249080	20.0
(DEL) Alkane: Str...	15.99	4.1	ng/ul	873628	4	16.98	4249080	20.0
9H-Fluorene, 1-me...	16.29	3.4	ng/ul	714722	4	16.98	4249080	20.0
(DEL) Alkane: Str...	16.76	2.4	ng/ul	515996	4	16.98	4249080	20.0
(DEL) Alkane: Str...	16.81	6.0	ng/ul	1267660	4	16.98	4249080	20.0
(DEL) Alkane: Str...	17.50	2.5	ng/ul	523997	4	16.98	4249080	20.0
Phenanthrene, 2-m...	17.99	2.1	ng/ul	449041	4	16.98	4249080	20.0
4H-Cyclopenta[def...	18.05	6.3	ng/ul	1330450	4	16.98	4249080	20.0
Phenanthrene, 1-m...	18.09	3.2	ng/ul	678612	4	16.98	4249080	20.0
Phenanthrene, 2,5...	18.79	2.2	ng/ul	460581	4	16.98	4249080	20.0
(DEL) Alkane: Str...	18.84	2.5	ng/ul	527398	4	16.98	4249080	20.0