

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009614.D
 Acq On : 06 Feb 2020 17:59
 Operator : CG/JU
 Sample : L1323-03DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT43DL

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-BN020320MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.434	749	756	767	rBV	685567	1060753	13.82%	1.311%
2	10.187	1214	1224	1232	rBV	928375	1524237	19.86%	1.884%
3	11.716	1477	1484	1497	rVV8	37812	146792	1.91%	0.181%
4	11.857	1499	1508	1515	rVB	141912	239728	3.12%	0.296%
5	12.075	1536	1545	1552	rBV	553690	913600	11.91%	1.129%
6	12.916	1679	1688	1695	rBV	147072	237147	3.09%	0.293%
7	13.093	1713	1718	1721	rBV	133823	221817	2.89%	0.274%
8	13.228	1733	1741	1743	rBV	1598750	2559874	33.36%	3.164%
9	13.393	1759	1769	1774	rVV	1804105	3269196	42.60%	4.040%
10	13.446	1774	1778	1783	rVV	1303990	1785672	23.27%	2.207%
11	13.522	1783	1791	1798	rVV2	487752	836172	10.90%	1.033%
12	13.628	1804	1809	1813	rVV	789025	1249256	16.28%	1.544%
13	13.657	1813	1814	1820	rVV	249072	258595	3.37%	0.320%
14	13.787	1826	1836	1846	rBV2	1104788	1887331	24.59%	2.332%
15	14.004	1868	1873	1879	rBV2	148398	258947	3.37%	0.320%
16	14.069	1879	1884	1890	rVV	1313962	2025362	26.39%	2.503%
17	14.134	1890	1895	1899	rVV2	312660	448559	5.85%	0.554%
18	14.293	1916	1922	1931	rBV	308039	655603	8.54%	0.810%
19	14.375	1931	1936	1940	rBV2	98180	155227	2.02%	0.192%
20	14.487	1945	1955	1961	rBV2	482904	971550	12.66%	1.201%
21	14.563	1961	1968	1973	rVB	526325	786105	10.24%	0.972%
22	14.687	1983	1989	1995	rBV2	667829	1331192	17.35%	1.645%
23	14.757	1995	2001	2005	rVV2	365255	577675	7.53%	0.714%
24	14.793	2005	2007	2012	rVB	131699	143218	1.87%	0.177%
25	14.851	2012	2017	2019	rBV	217796	309846	4.04%	0.383%
26	14.875	2019	2021	2024	rVV	162889	195509	2.55%	0.242%
27	14.951	2030	2034	2041	rVB3	444929	706220	9.20%	0.873%
28	15.028	2041	2047	2050	rBV3	177558	327052	4.26%	0.404%
29	15.075	2050	2055	2059	rVB2	577553	865772	11.28%	1.070%
30	15.128	2059	2064	2071	rBV2	1289303	2149556	28.01%	2.657%
31	15.175	2071	2072	2078	rVB2	157219	159276	2.08%	0.197%
32	15.228	2078	2081	2083	rBV3	110995	140111	1.83%	0.173%
33	15.257	2083	2086	2089	rVV2	161667	209017	2.72%	0.258%
34	15.345	2095	2101	2104	rBV4	87368	161142	2.10%	0.199%

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35	15.428	2110	2115	2120	rBV	235639	406290	5.29%	0.502%
36	15.581	2137	2141	2149	rVB4	149406	351482	4.58%	0.434%
37	15.828	2175	2183	2187	rBV3	153187	322886	4.21%	0.399%
38	16.140	2227	2236	2240	rVV	485734	1137318	14.82%	1.406%
39	16.187	2240	2244	2250	rVV	467988	706241	9.20%	0.873%
40	16.287	2256	2261	2267	rVB2	255441	401875	5.24%	0.497%
41	16.410	2278	2282	2286	rVV4	126481	198413	2.59%	0.245%
42	16.645	2315	2322	2327	rBV	262724	426226	5.55%	0.527%
43	16.828	2347	2353	2356	rBV	1587566	2217890	28.90%	2.741%
44	16.875	2356	2361	2367	rVV	5342870	7673690	100.00%	9.484%
45	16.928	2367	2370	2371	rVV2	134011	157312	2.05%	0.194%
46	16.957	2371	2375	2381	rVV	965827	1367449	17.82%	1.690%
47	17.028	2382	2387	2392	rVV2	178568	342014	4.46%	0.423%
48	17.075	2392	2395	2398	rVV	104969	151075	1.97%	0.187%
49	17.104	2398	2400	2405	rVV4	87930	173527	2.26%	0.214%
50	17.292	2428	2432	2438	rVV6	56936	151002	1.97%	0.187%
51	17.357	2438	2443	2447	rVV2	185270	289193	3.77%	0.357%
52	17.410	2447	2452	2458	rVV2	198659	346574	4.52%	0.428%
53	17.463	2458	2461	2466	rVV	92671	118995	1.55%	0.147%
54	17.551	2473	2476	2483	rVB	124336	210840	2.75%	0.261%
55	17.704	2496	2502	2506	rVV	1465224	1993810	25.98%	2.464%
56	17.751	2506	2510	2518	rVB	1652718	2175980	28.36%	2.689%
57	17.834	2519	2524	2528	rBV	366517	482619	6.29%	0.596%
58	17.892	2528	2534	2538	rVV2	1305746	2177025	28.37%	2.690%
59	17.934	2538	2541	2547	rVB	782289	1029739	13.42%	1.273%
60	18.210	2584	2588	2593	rVV	565443	821552	10.71%	1.015%
61	18.257	2593	2596	2601	rVB3	90475	134335	1.75%	0.166%
62	18.339	2606	2610	2621	rVB5	70436	165362	2.15%	0.204%
63	18.463	2627	2631	2635	rBV2	179245	228490	2.98%	0.282%
64	18.516	2635	2640	2643	rVB	194029	247536	3.23%	0.306%
65	18.551	2643	2646	2651	rVB	131650	170363	2.22%	0.211%
66	18.634	2651	2660	2665	rBV2	513792	904598	11.79%	1.118%
67	18.698	2665	2671	2674	rBV3	296729	529477	6.90%	0.654%
68	18.728	2674	2676	2680	rVB	283065	296922	3.87%	0.367%
69	18.775	2680	2684	2687	rBV	188981	317887	4.14%	0.393%
70	18.898	2698	2705	2711	rBV	1658814	2242504	29.22%	2.771%
71	18.975	2713	2718	2720	rVV	179311	234928	3.06%	0.290%

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72	19.004	2720	2723	2727	rVV3	128291	207262	2.70%	0.256%
73	19.051	2727	2731	2735	rVV	659253	838815	10.93%	1.037%
74	19.169	2744	2751	2758	rVB3	92299	196873	2.57%	0.243%
75	19.263	2758	2767	2777	rBV	2475039	3689706	48.08%	4.560%
76	19.351	2778	2782	2787	rVB2	82497	135379	1.76%	0.167%
77	19.598	2820	2824	2834	rVB3	308027	550972	7.18%	0.681%
78	19.739	2842	2848	2849	rVV3	288395	458799	5.98%	0.567%
79	19.769	2849	2853	2858	rVB	565685	824762	10.75%	1.019%
80	19.869	2866	2870	2875	rVV2	441406	559016	7.28%	0.691%
81	19.928	2875	2880	2884	rVB	399123	469096	6.11%	0.580%
82	20.016	2891	2895	2899	rBV4	73178	133246	1.74%	0.165%
83	20.063	2899	2903	2907	rVV	331281	434859	5.67%	0.537%
84	20.110	2907	2911	2921	rVB	398201	565026	7.36%	0.698%
85	20.486	2970	2975	2978	rBV4	93585	194810	2.54%	0.241%
86	20.722	3012	3015	3019	rVB	204957	235135	3.06%	0.291%
87	21.039	3062	3069	3073	rBV3	2384895	4206971	54.82%	5.199%
88	21.075	3073	3075	3086	rVB	855927	1118346	14.57%	1.382%
89	21.245	3102	3104	3109	rVB	141425	156328	2.04%	0.193%
90	21.528	3149	3152	3155	rBV	95967	125429	1.63%	0.155%
91	21.580	3158	3161	3165	rVV2	359403	454008	5.92%	0.561%
92	21.627	3166	3169	3174	rVB2	179366	266057	3.47%	0.329%
93	21.763	3189	3192	3194	rBV3	152826	187949	2.45%	0.232%
94	21.792	3194	3197	3202	rVB3	234568	301424	3.93%	0.373%
95	22.533	3318	3323	3324	rBV	329468	441712	5.76%	0.546%
96	22.692	3347	3350	3356	rVB	145969	227207	2.96%	0.281%
97	22.974	3394	3398	3402	rBV	187679	277966	3.62%	0.344%
98	23.063	3408	3413	3420	rVB2	456914	927392	12.09%	1.146%
99	23.151	3422	3428	3434	rBV	1412016	2363318	30.80%	2.921%
100	23.669	3512	3516	3522	rVB2	170159	297340	3.87%	0.367%

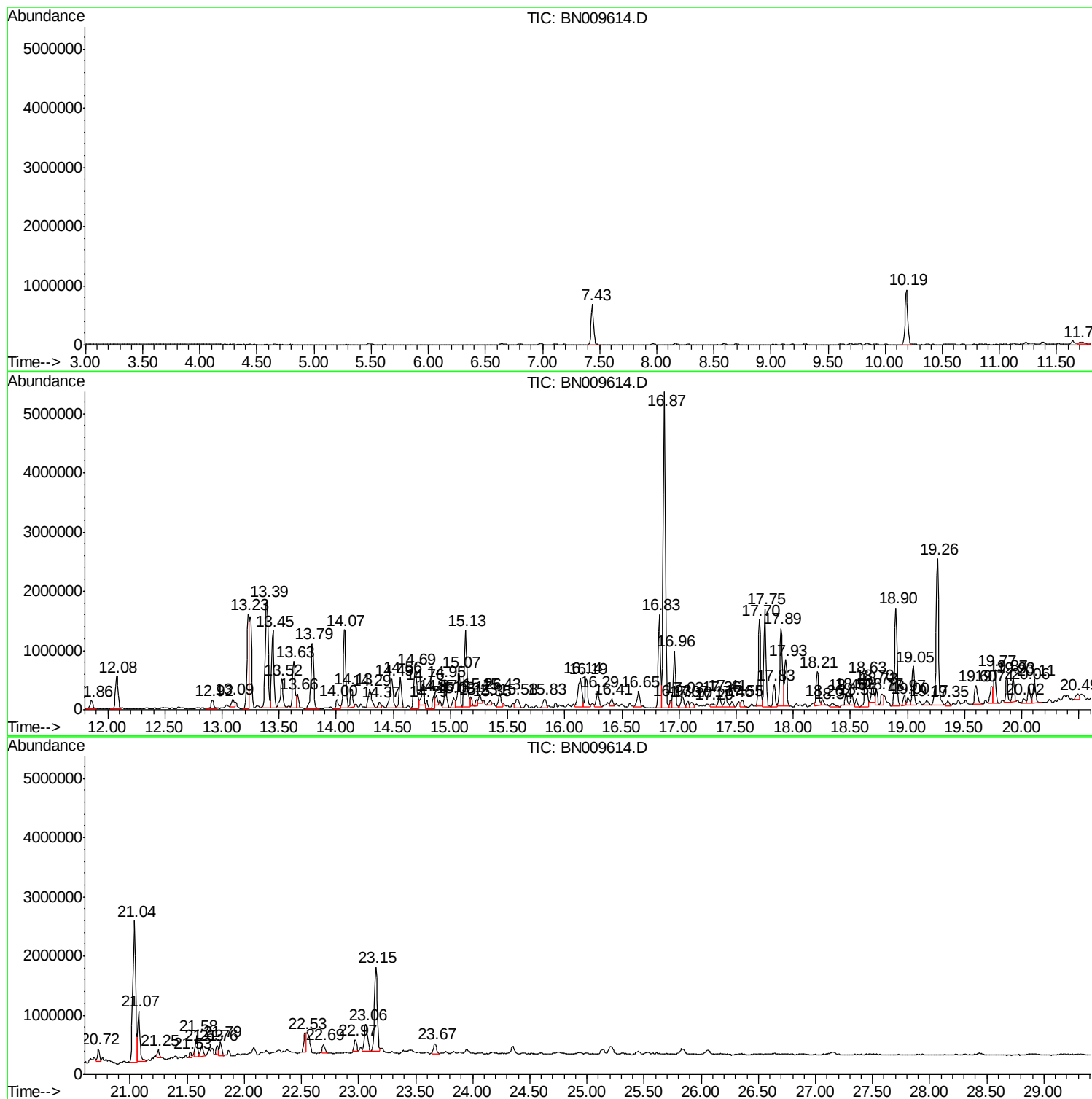
Sum of corrected areas: 80915731

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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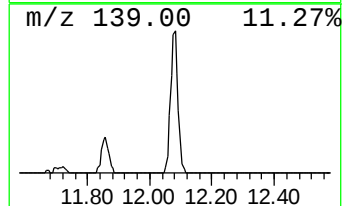
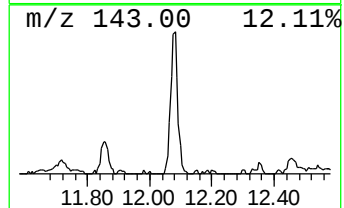
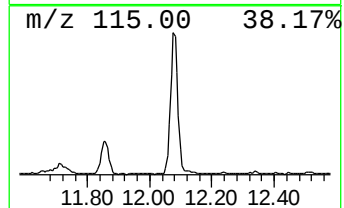
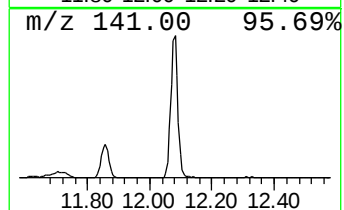
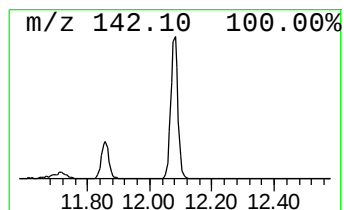
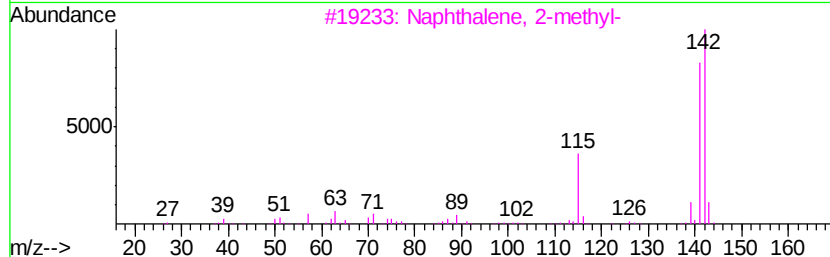
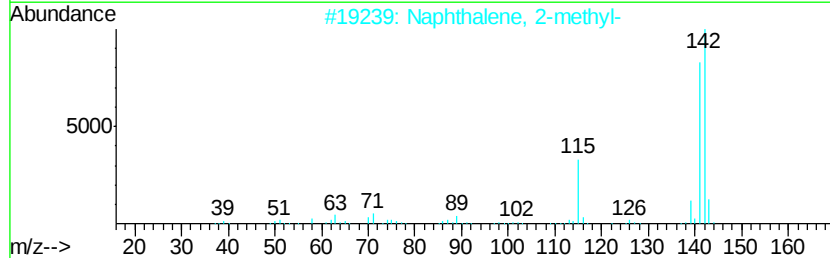
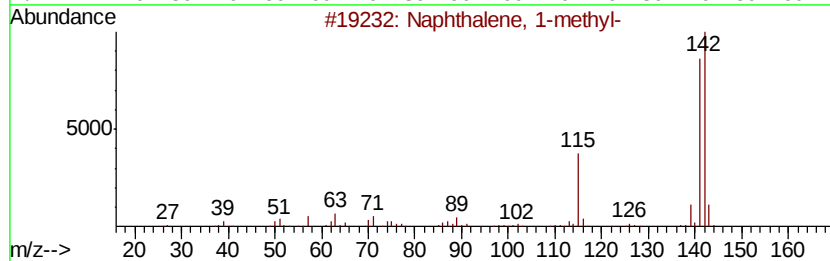
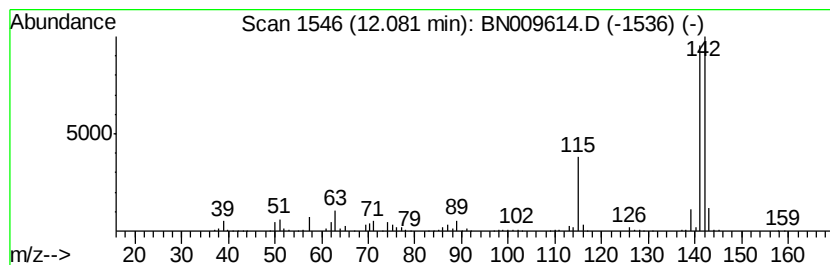
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	11.99 ng/ul	913600	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



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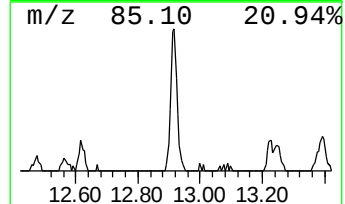
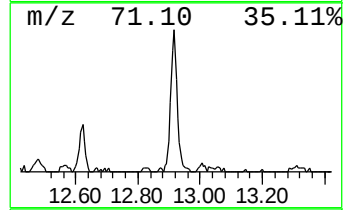
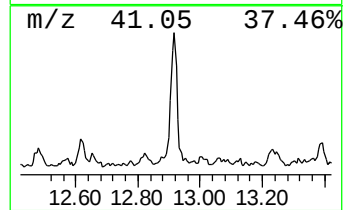
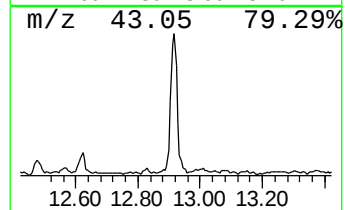
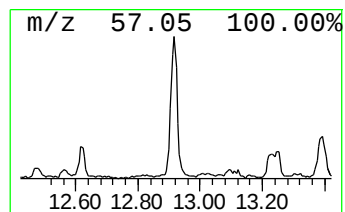
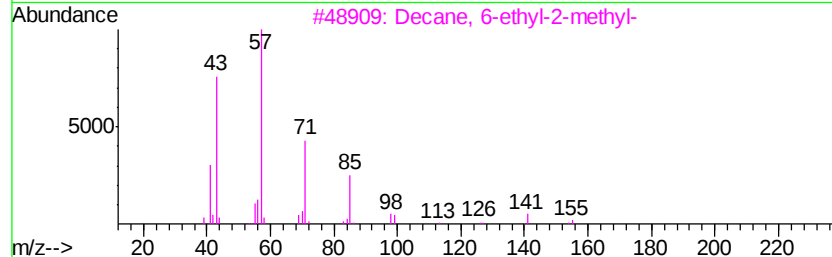
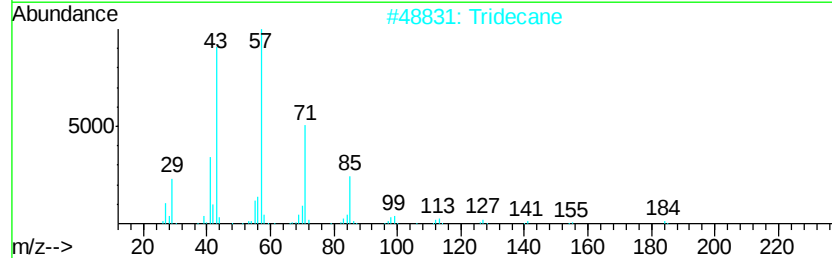
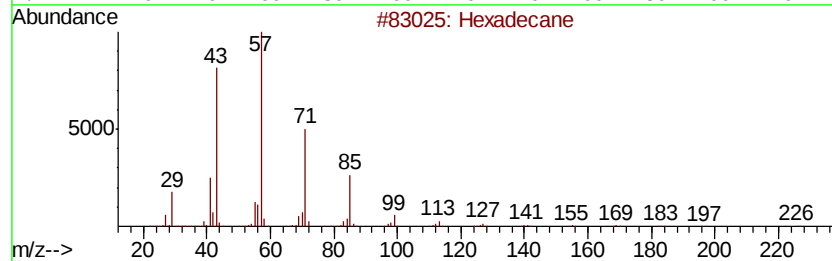
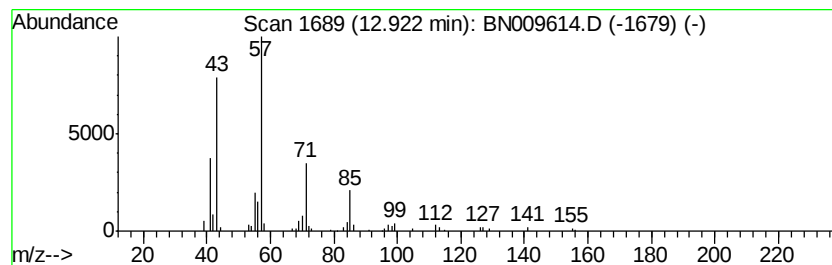
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.34 ng/ul	237147	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	90
4		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	72
5		Pentadecane	212	C15H32	000629-62-9	72



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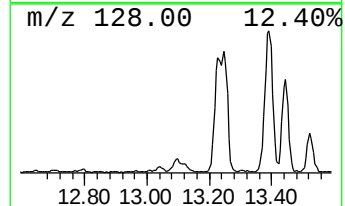
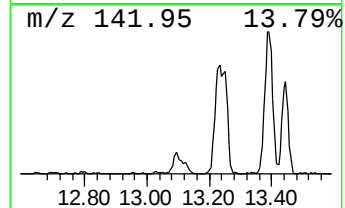
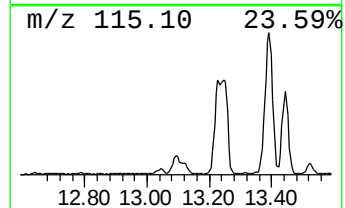
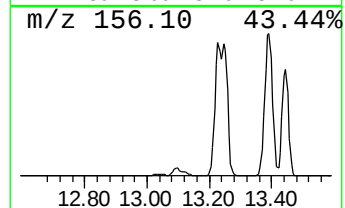
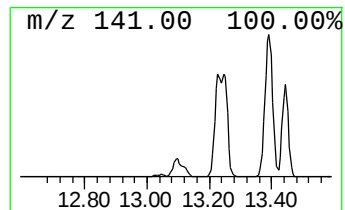
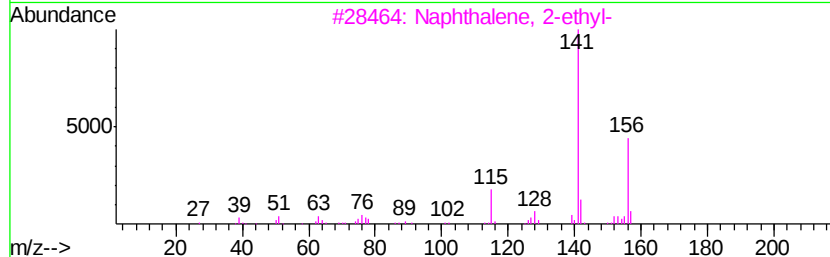
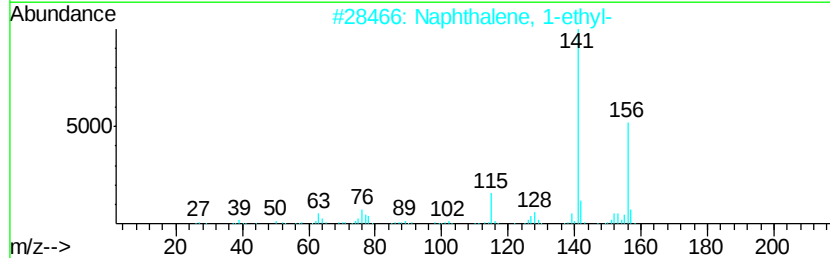
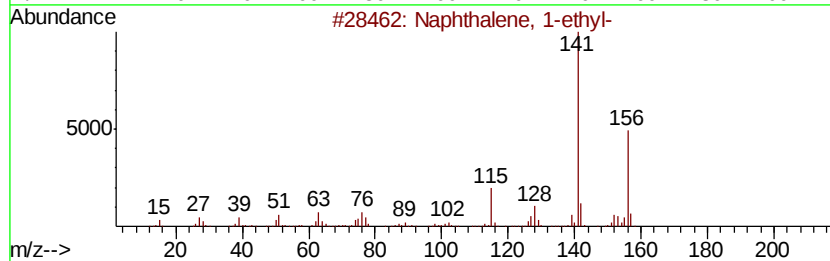
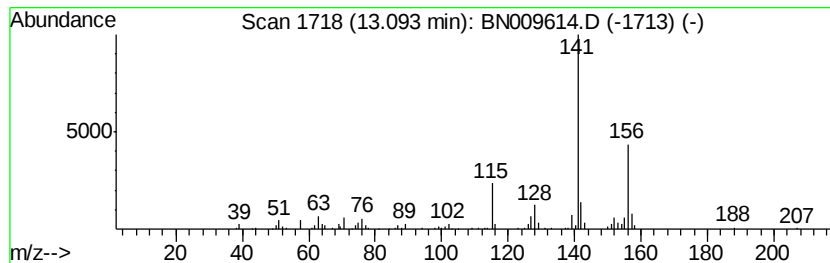
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.19 ng/ul	221817	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1-ethyl-	156 C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156 C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156 C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156 C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156 C12H12	000939-27-5	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT43DL

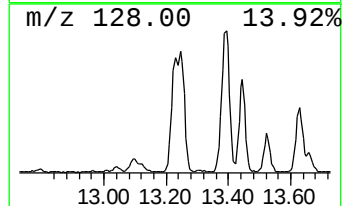
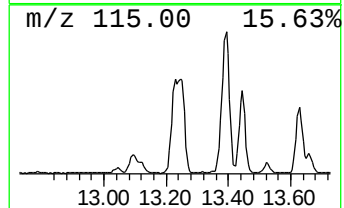
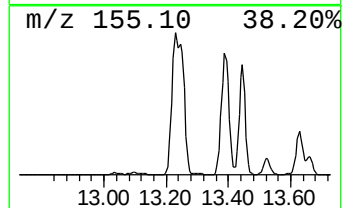
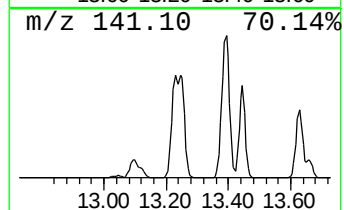
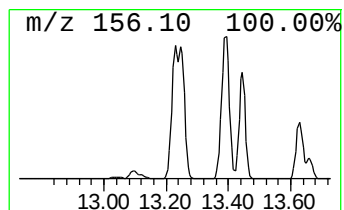
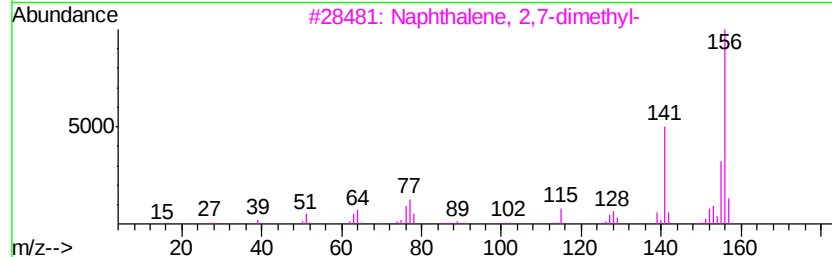
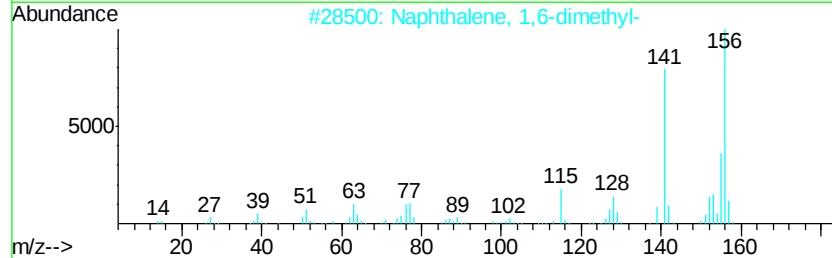
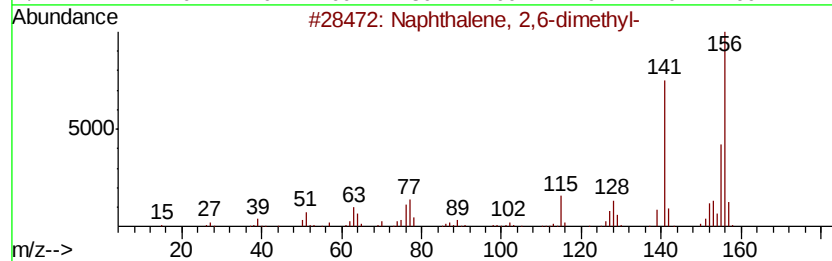
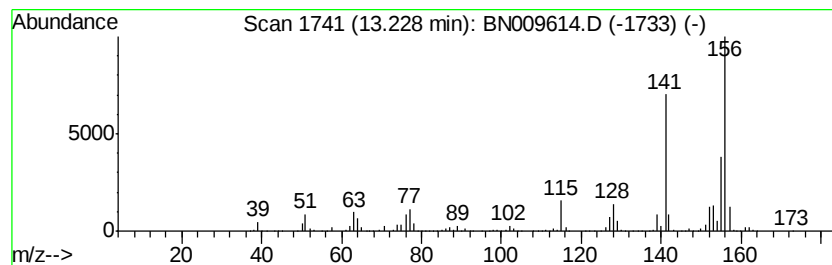
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	25.28 ng/ul	2559870	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT43DL

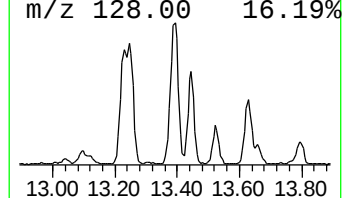
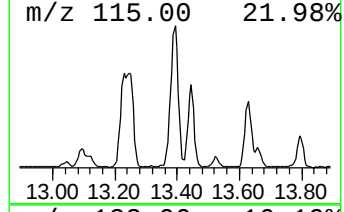
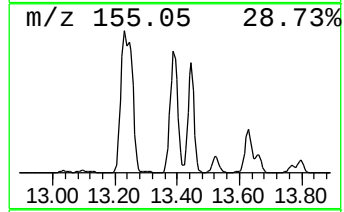
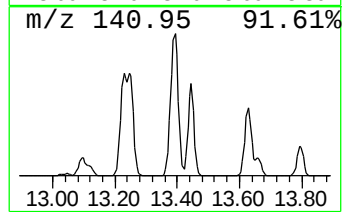
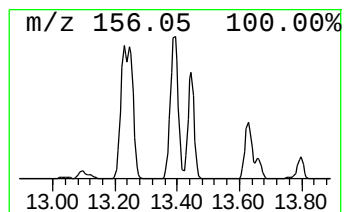
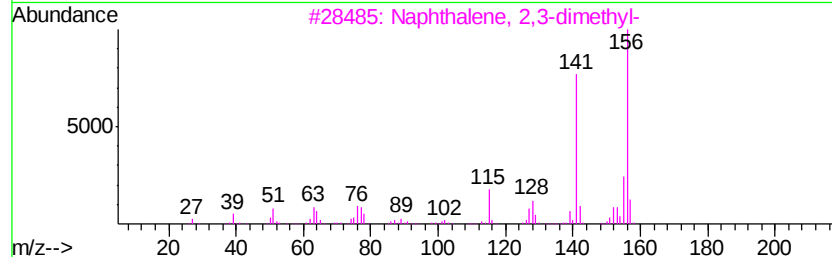
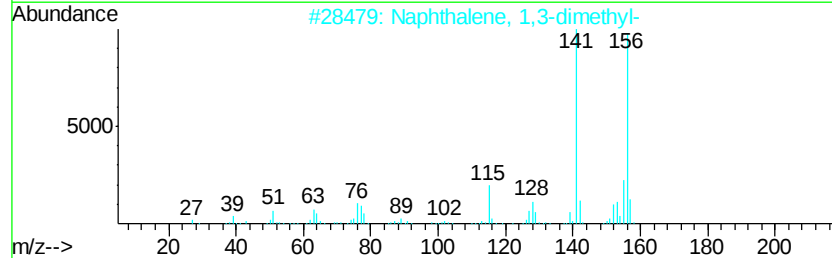
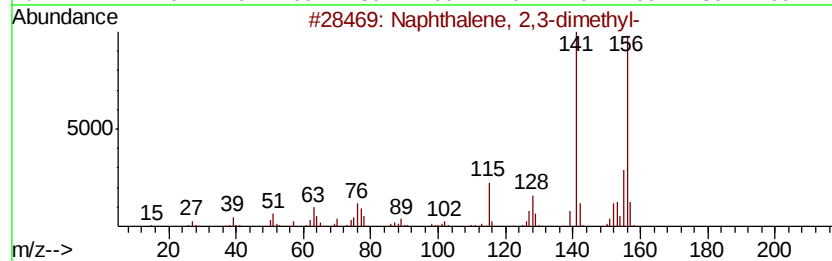
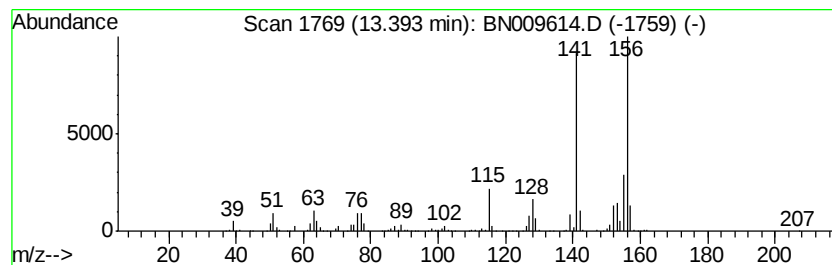
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	32.28 ng/ul	3269200	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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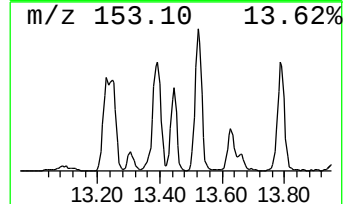
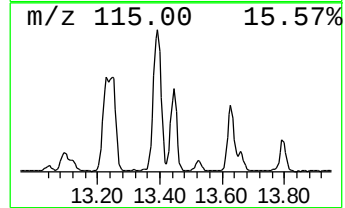
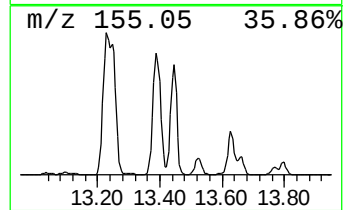
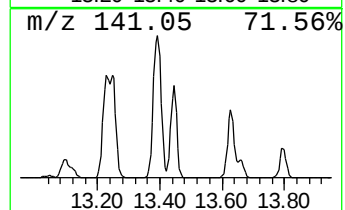
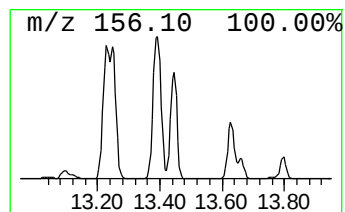
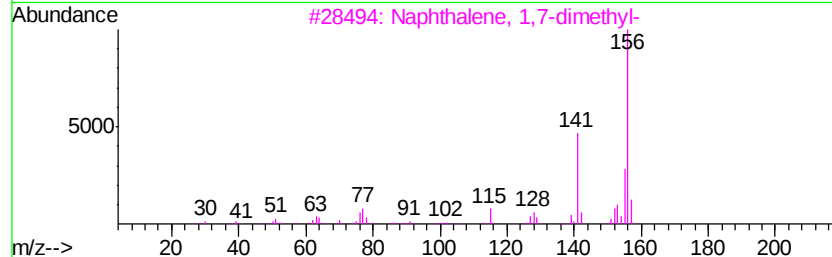
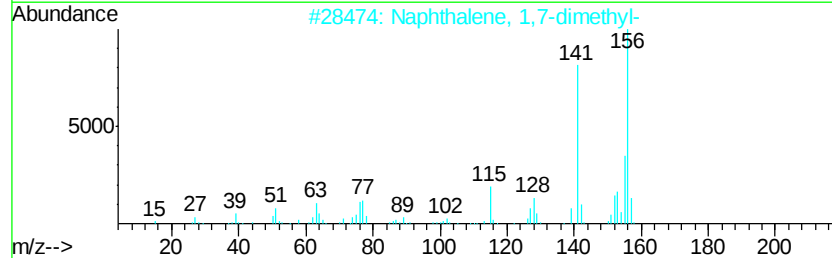
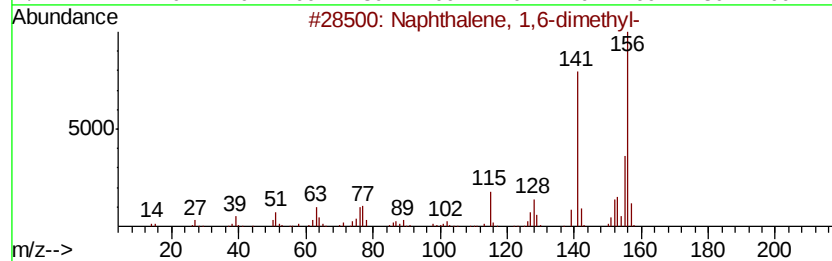
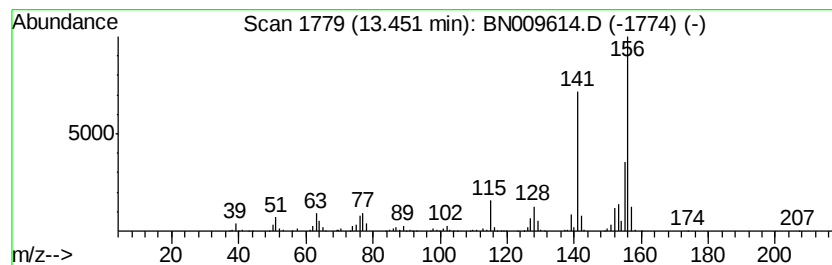
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	17.63 ng/ul	1785670	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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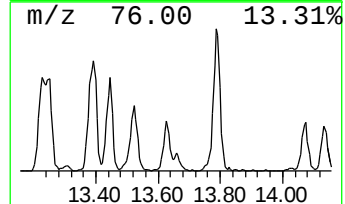
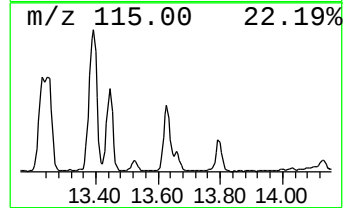
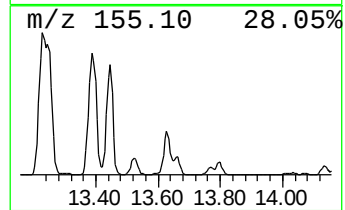
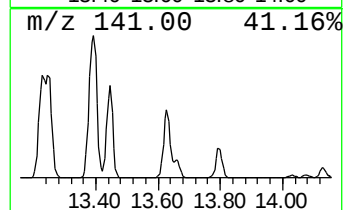
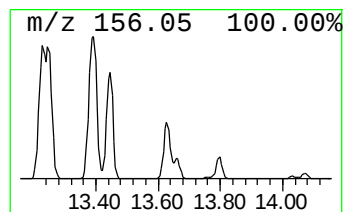
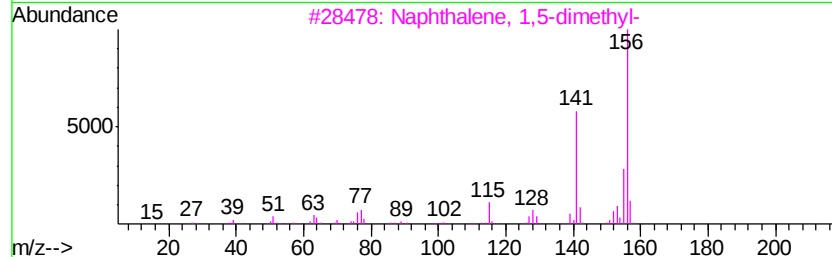
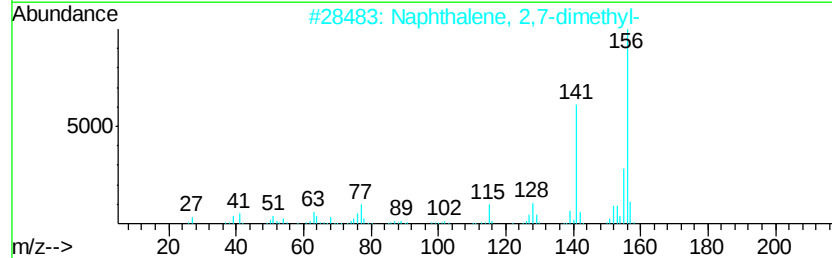
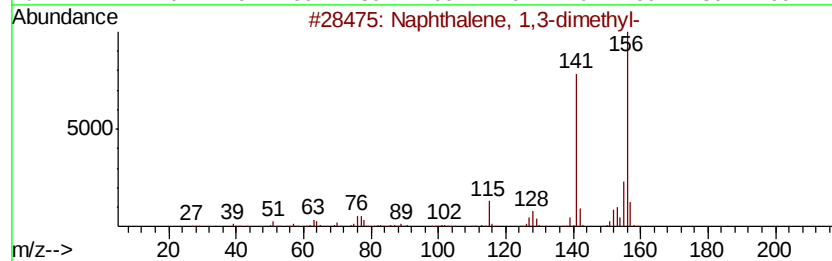
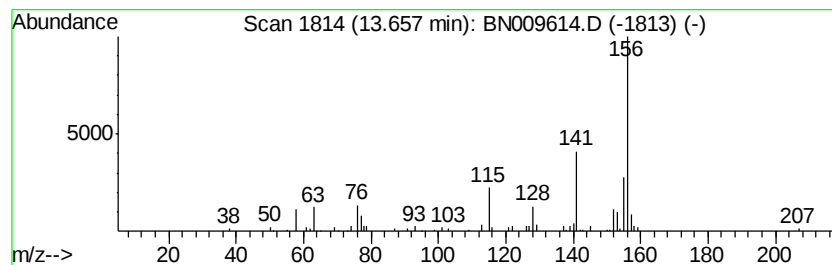
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.55 ng/ul	258595	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	74
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	74
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	72
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	72



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Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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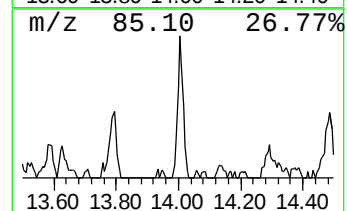
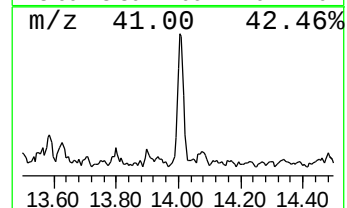
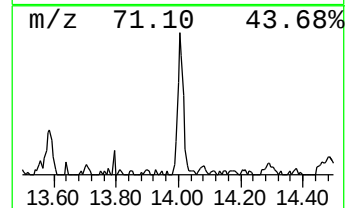
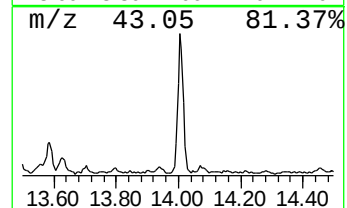
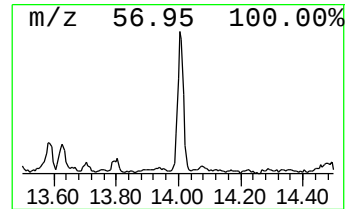
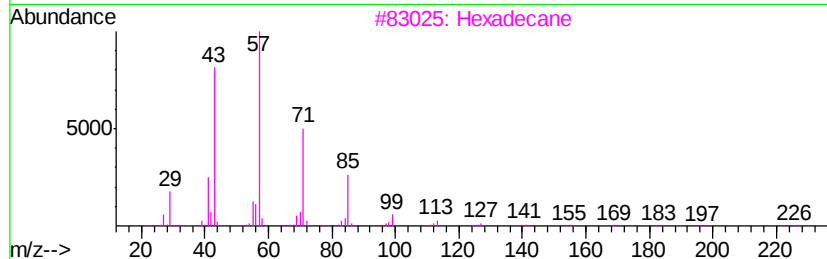
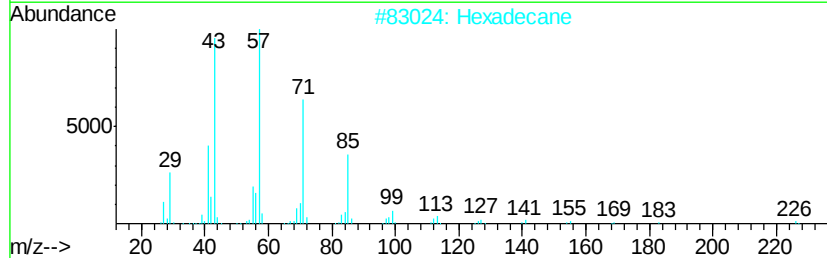
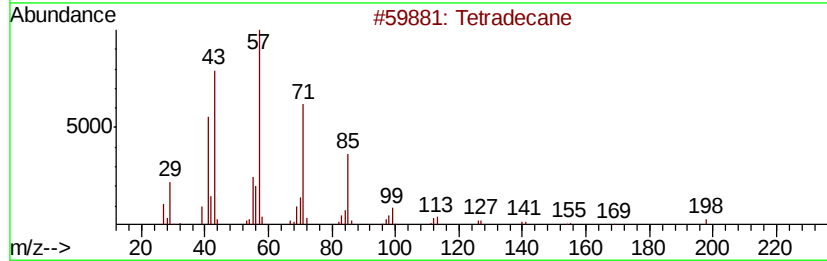
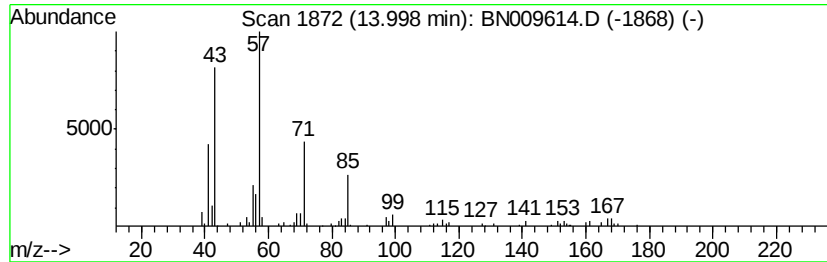
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.56 ng/ul	258947	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
5			Tridecane	184	C13H28	000629-50-5	86



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ClientSampleId :
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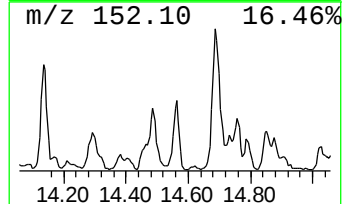
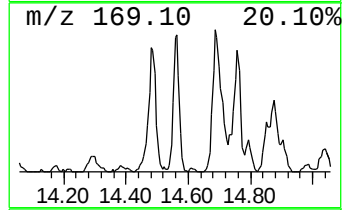
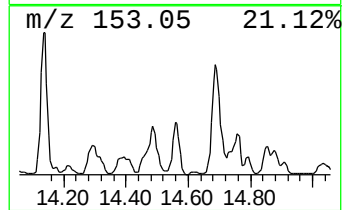
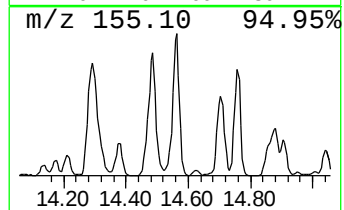
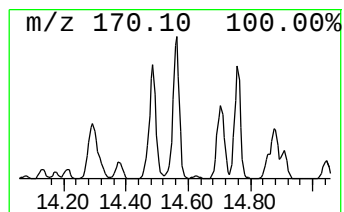
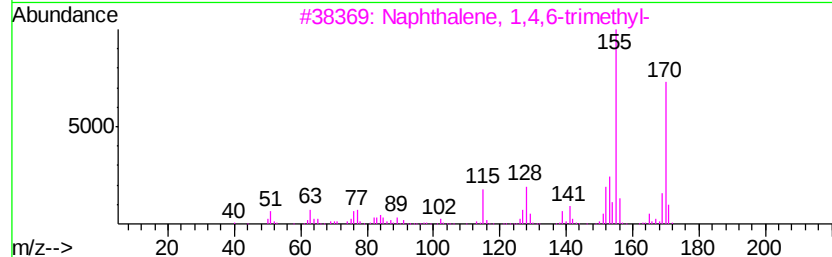
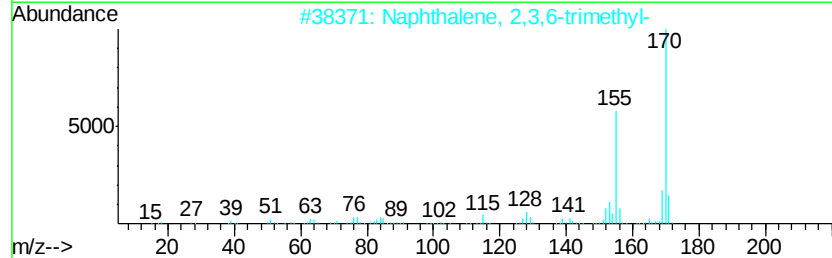
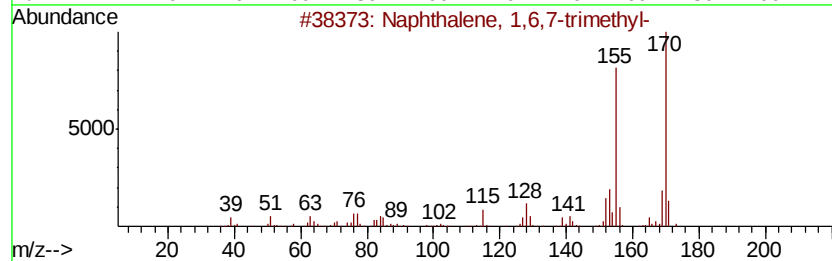
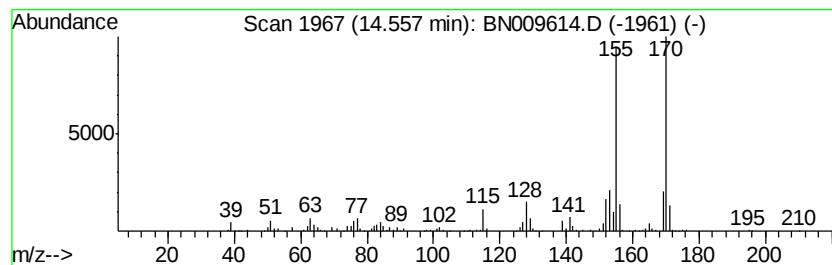
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.76 ng/ul	786105	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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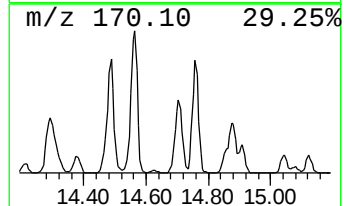
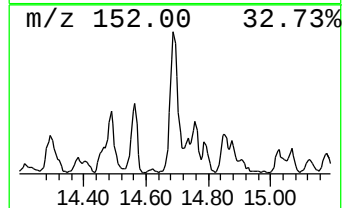
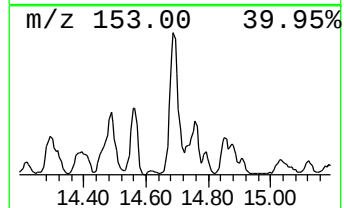
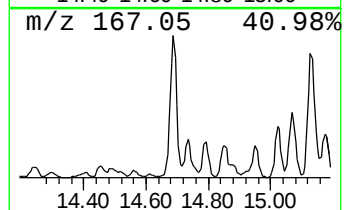
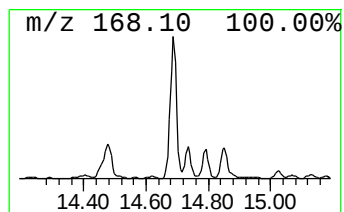
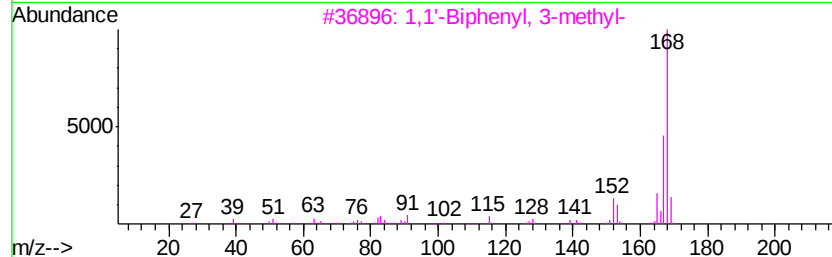
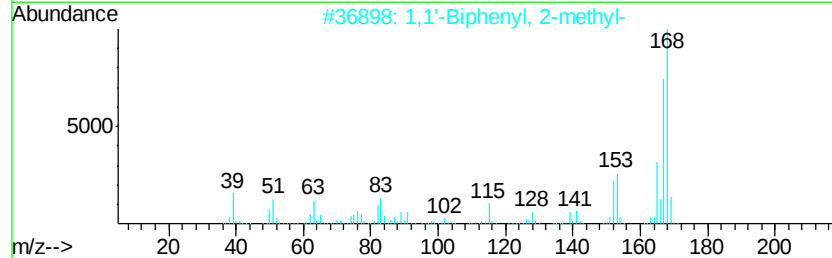
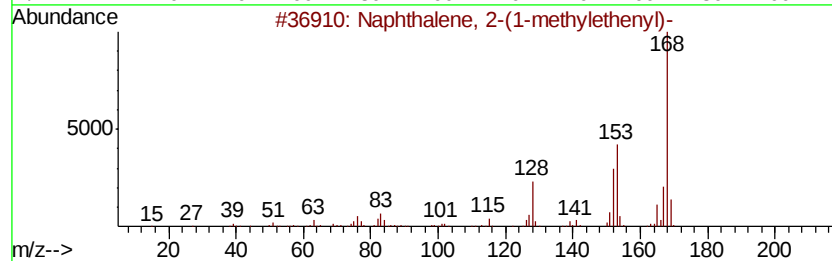
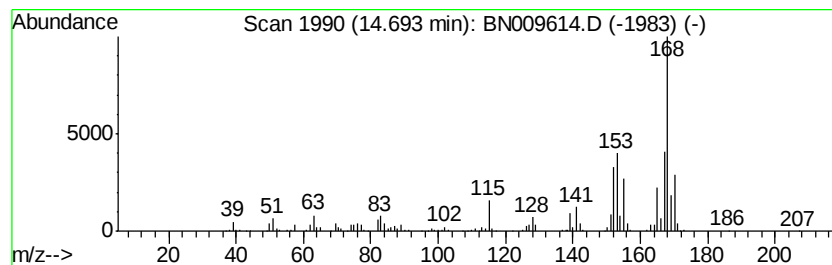
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	13.15 ng/ul	1331190	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenvl)-	168	C13H12	003710-23-4	58
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT43DL

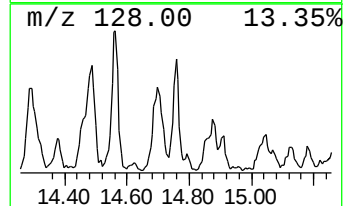
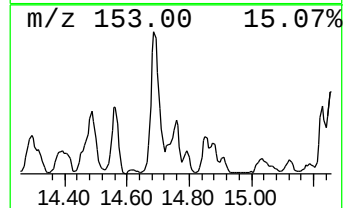
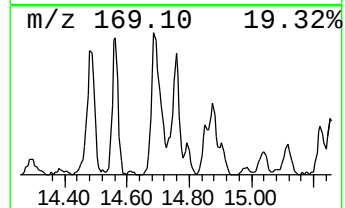
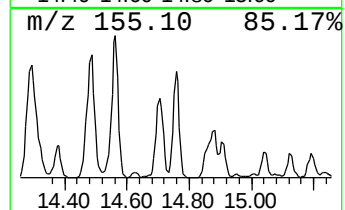
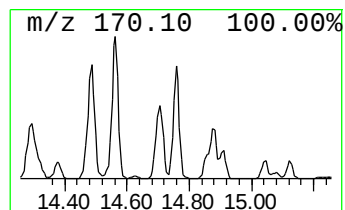
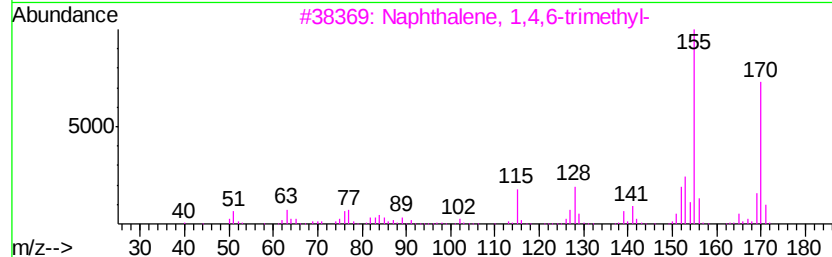
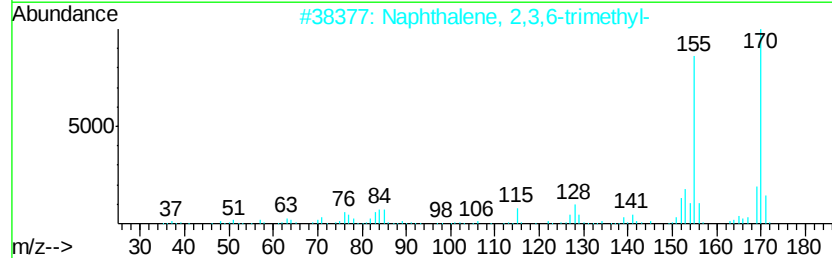
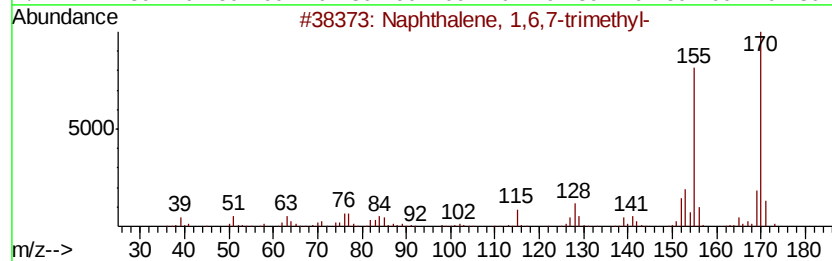
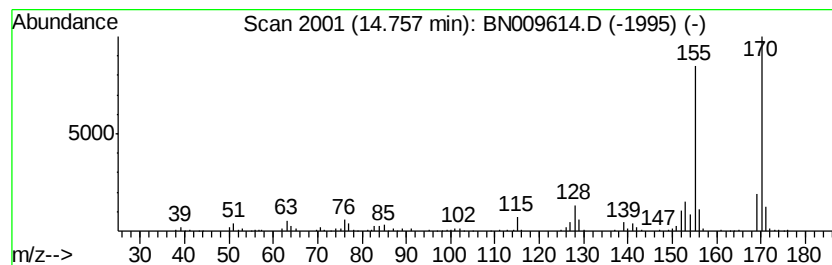
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.70 ng/ul	577675	Acenaphthene-d10	14.07

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

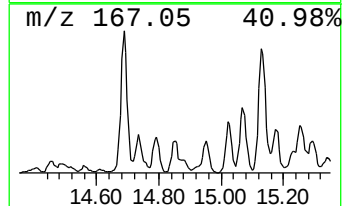
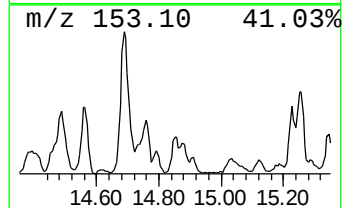
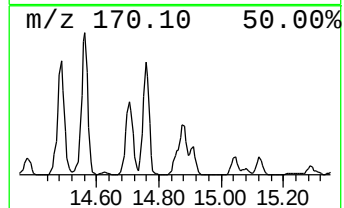
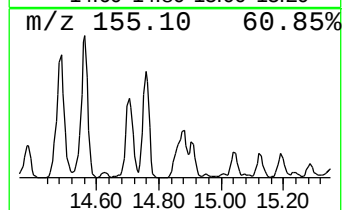
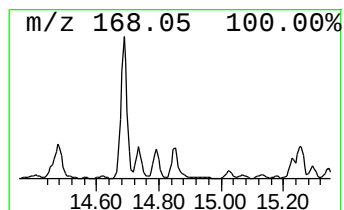
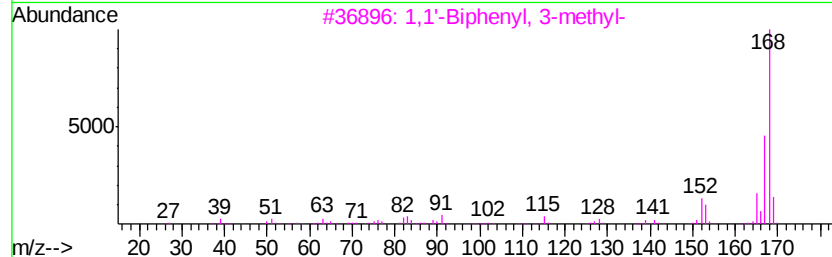
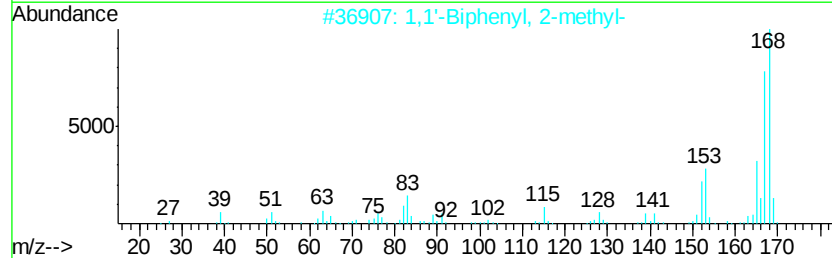
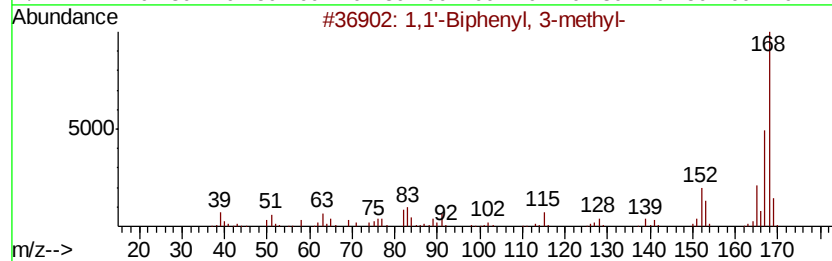
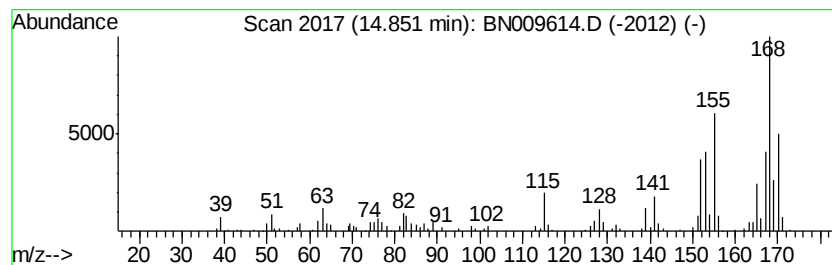
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,1'-Biphenyl, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.06 ng/ul	309846	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6	89
2	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	64
3	1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6	50
4	Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4	43
5	Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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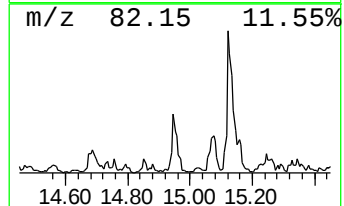
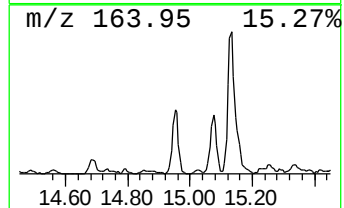
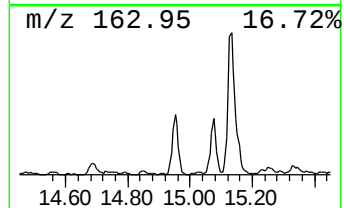
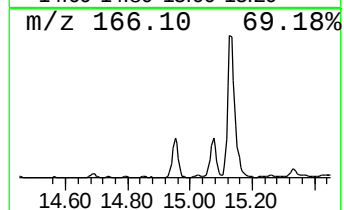
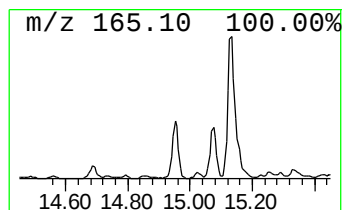
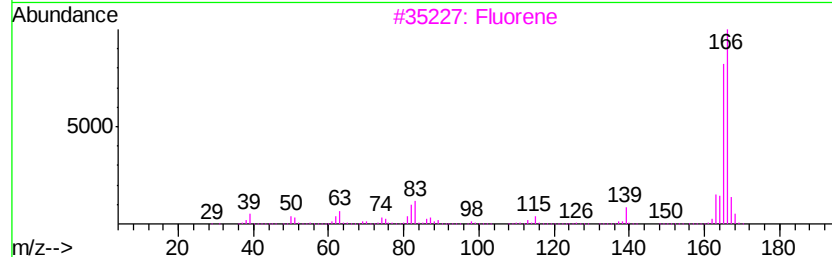
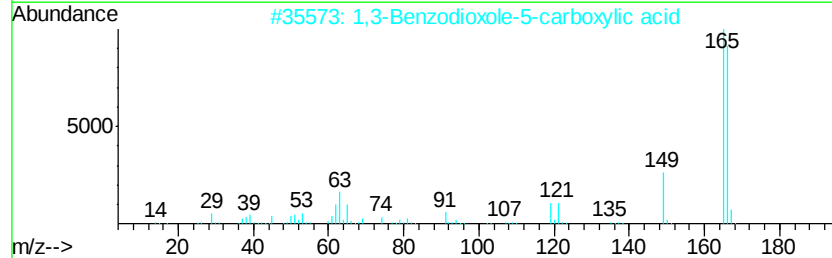
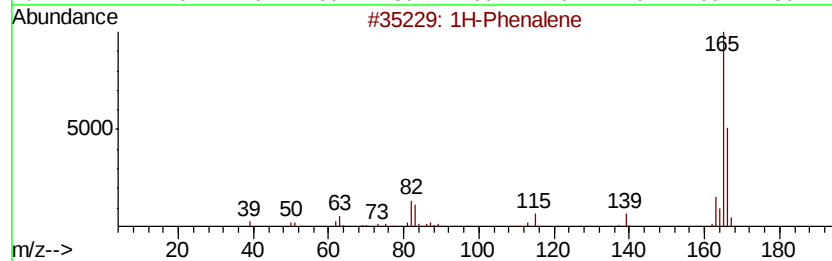
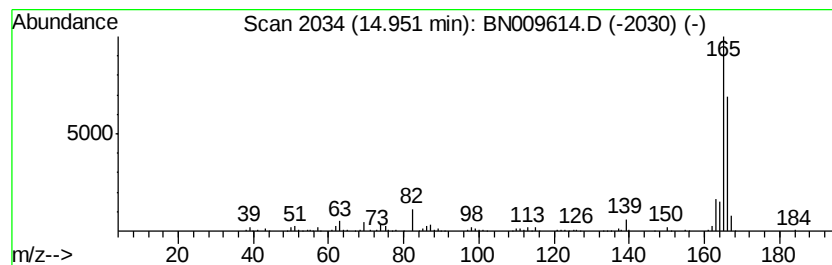
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1H-Phenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	6.97 ng/ul	706220	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenylene	166	C13H10	000203-80-5	78
2			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
3			Fluorene	166	C13H10	000086-73-7	52
4			Fluorene	166	C13H10	000086-73-7	50
5			Fluorene	166	C13H10	000086-73-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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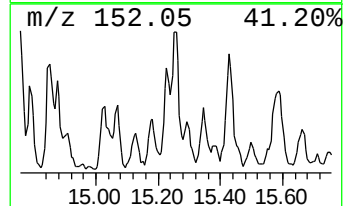
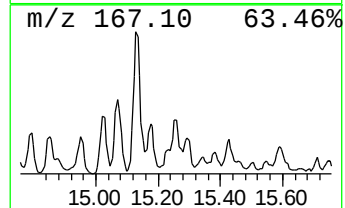
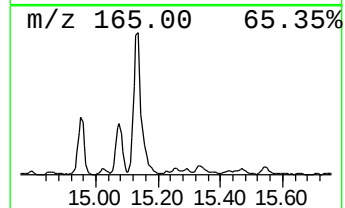
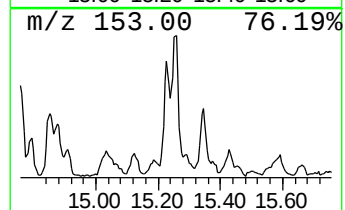
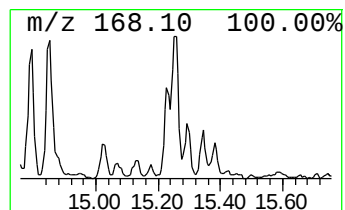
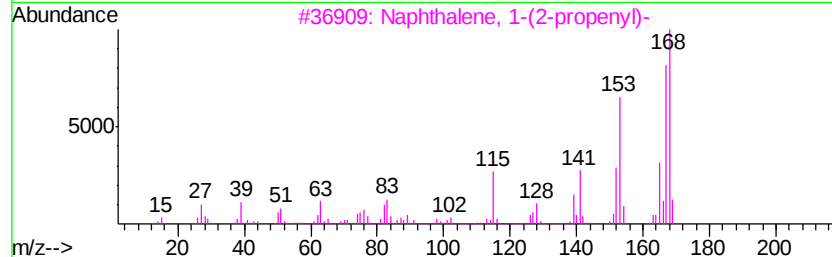
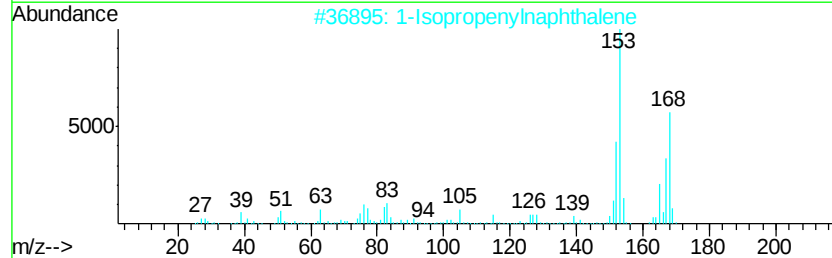
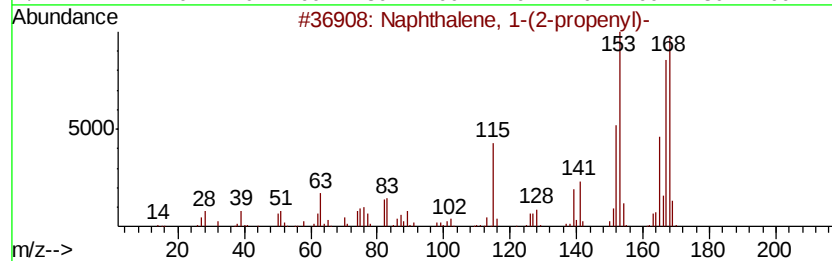
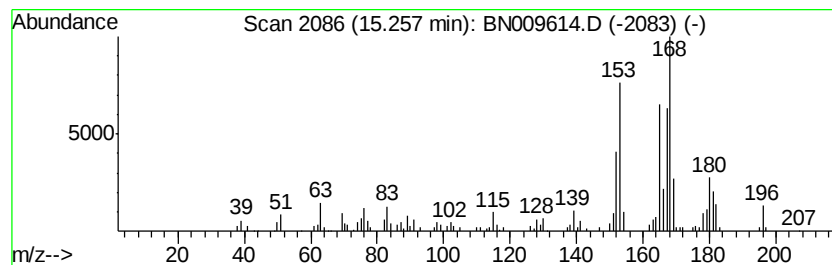
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1-(2-propenyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.06 ng/ul	209017	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	70
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	60
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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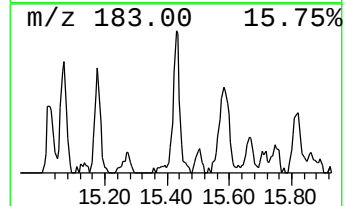
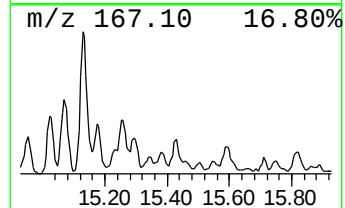
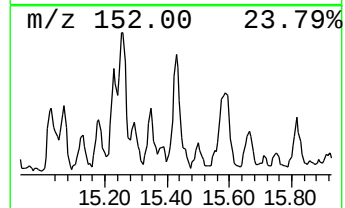
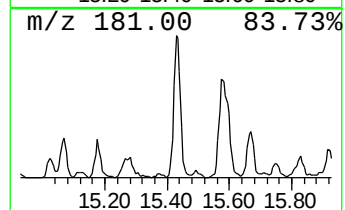
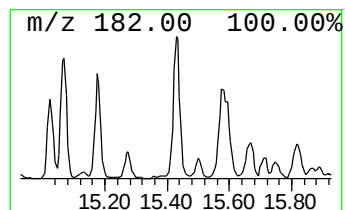
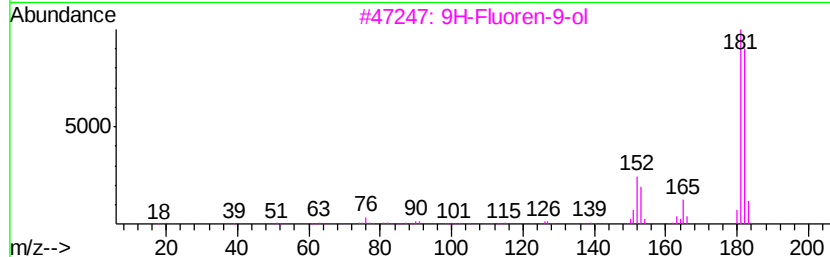
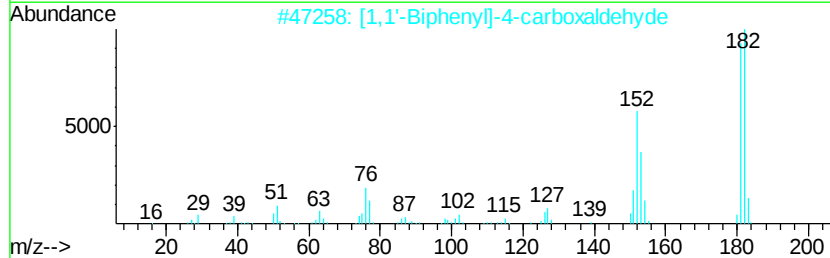
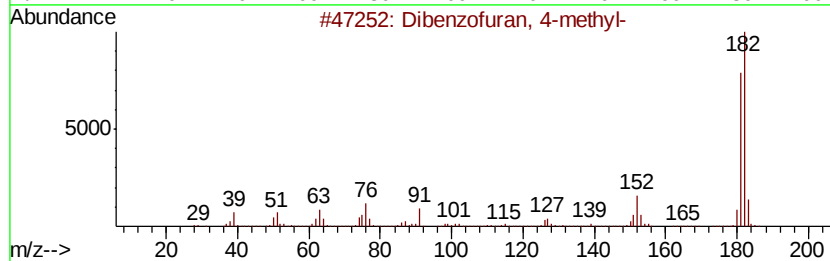
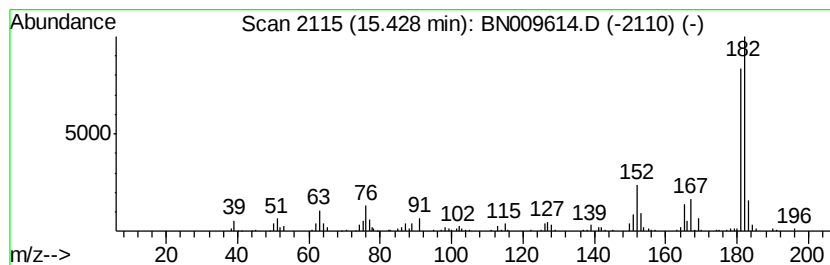
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.01 ng/ul	406290	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
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Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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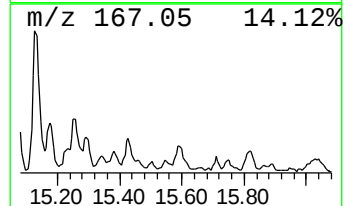
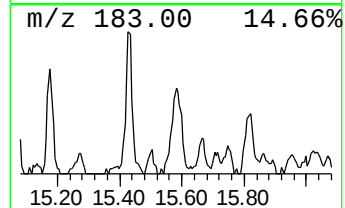
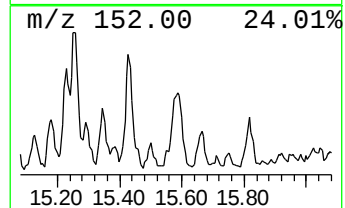
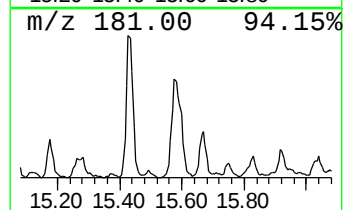
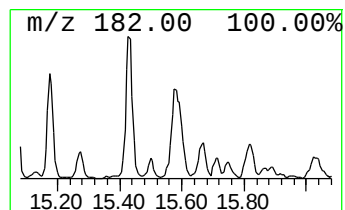
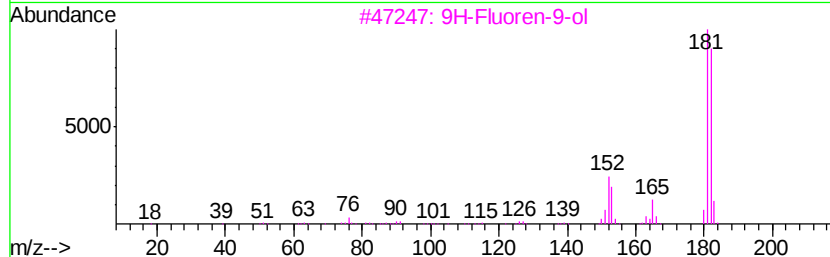
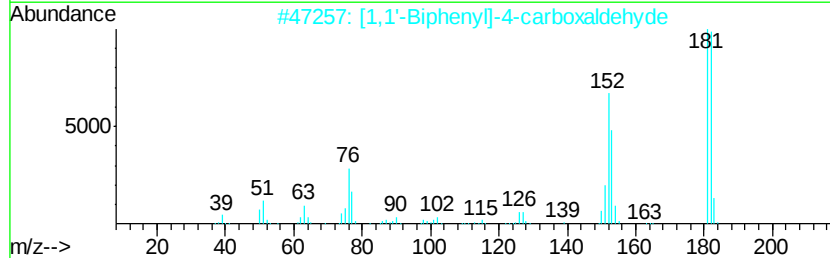
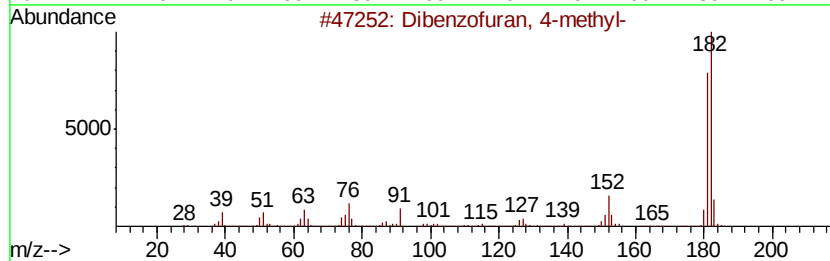
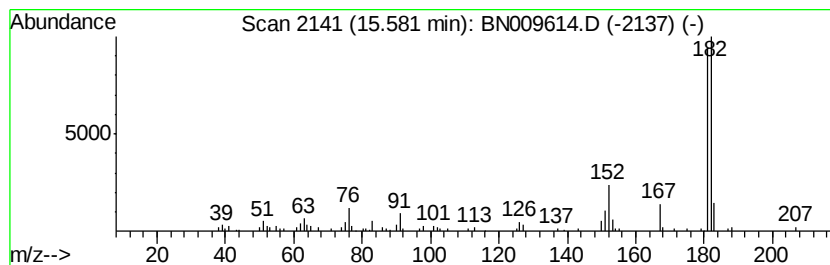
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.17 ng/ul	351482	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

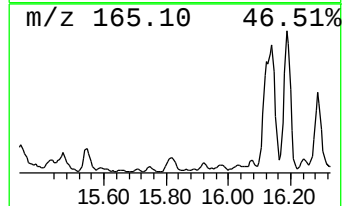
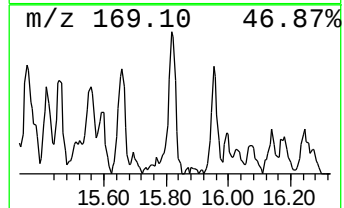
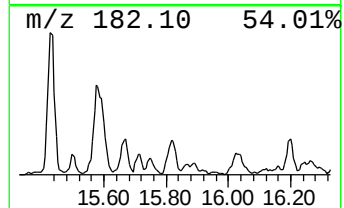
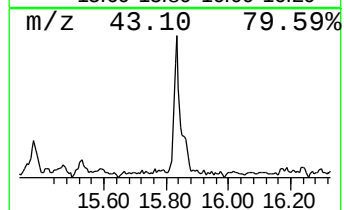
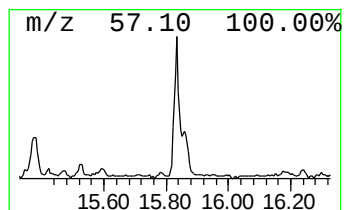
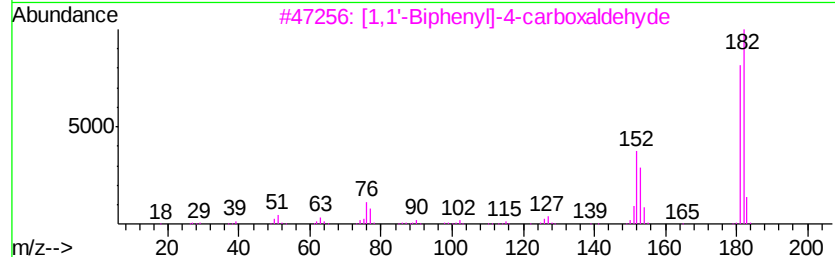
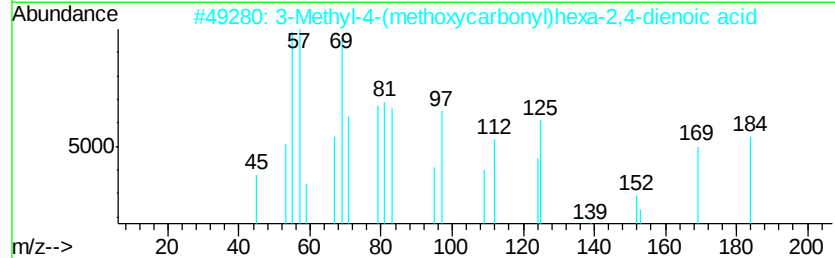
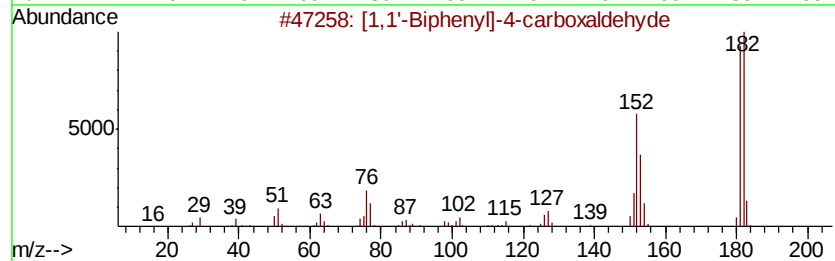
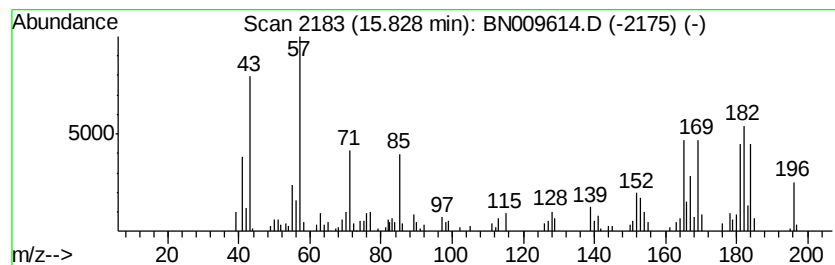
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.83	2.91 ng/ul	322886	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	35
2		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	35
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	20
4		2-Hydroxyfluorene	182	C13H10O	002443-58-5	18
5		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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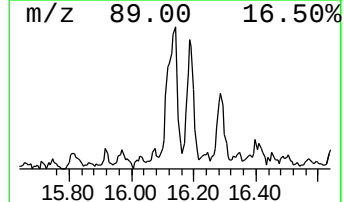
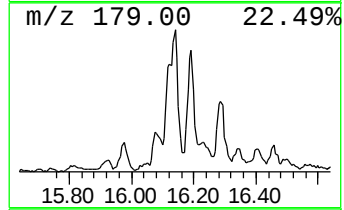
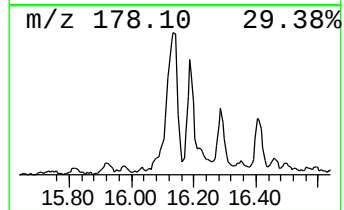
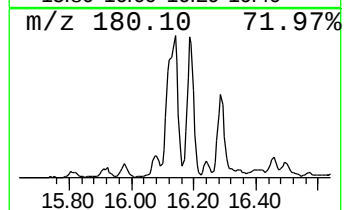
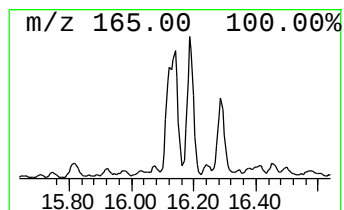
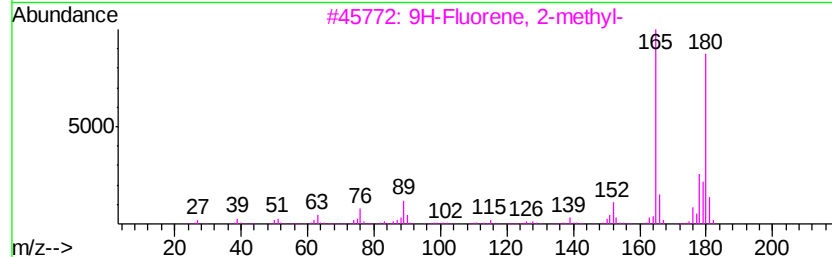
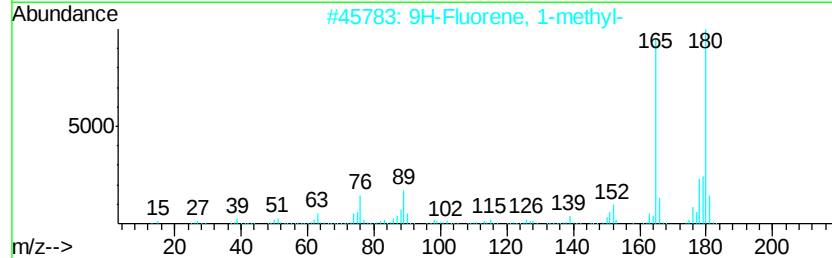
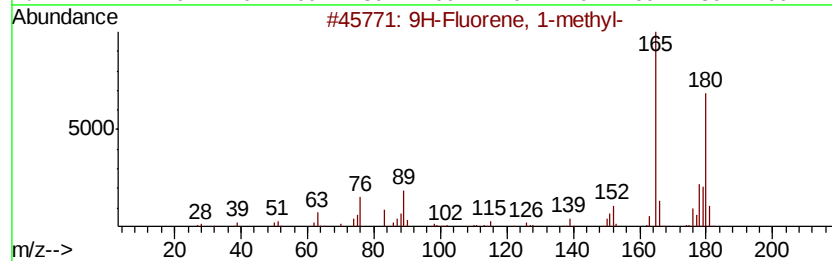
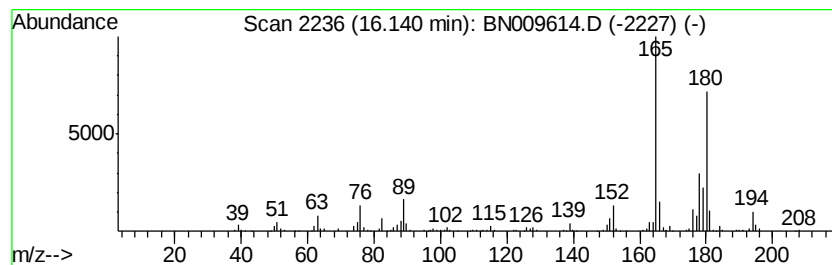
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	10.26 ng/ul	1137320	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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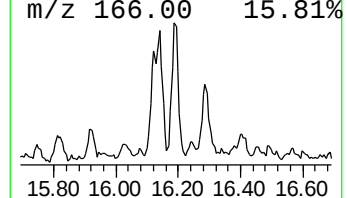
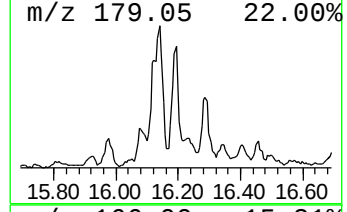
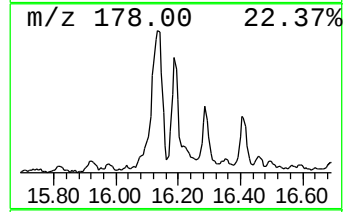
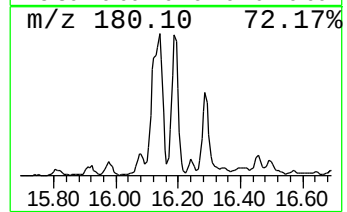
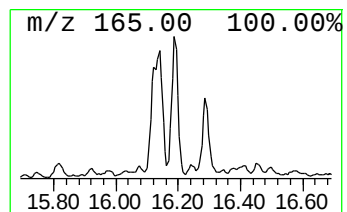
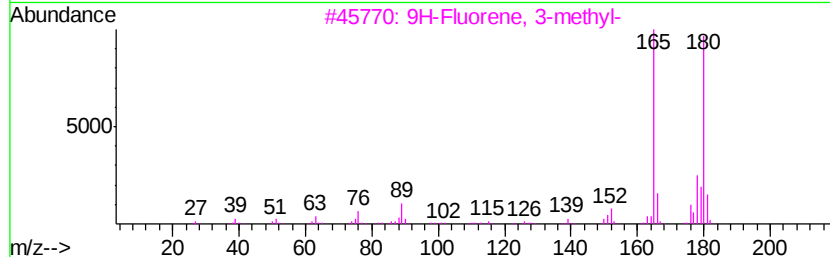
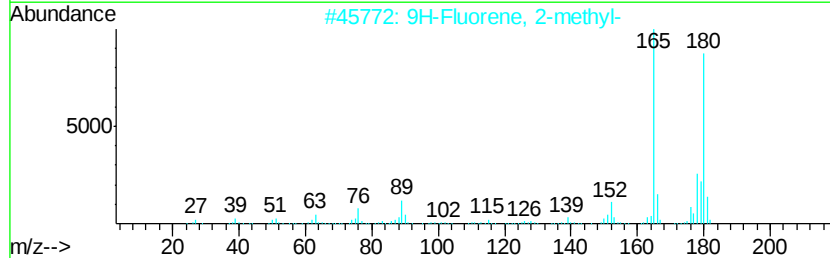
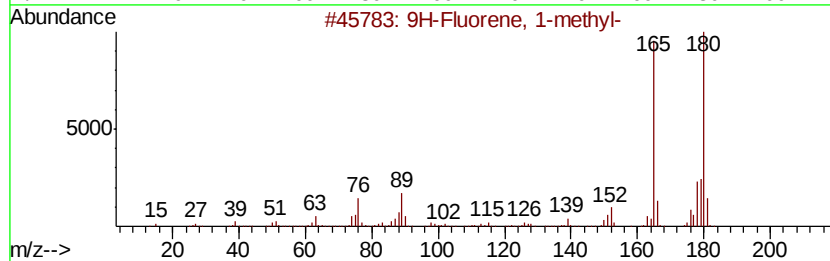
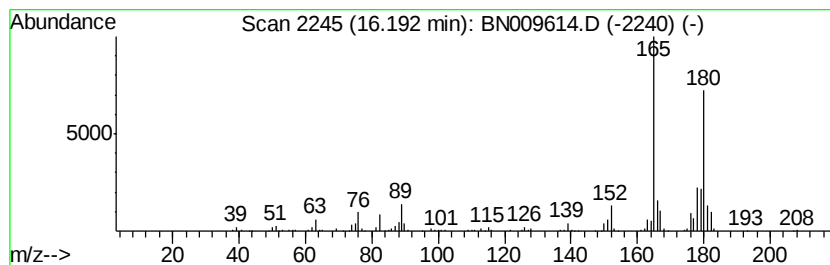
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	6.37 ng/ul	706241	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

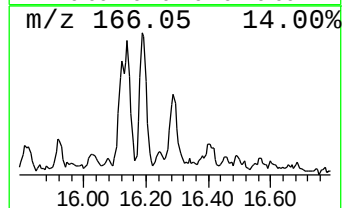
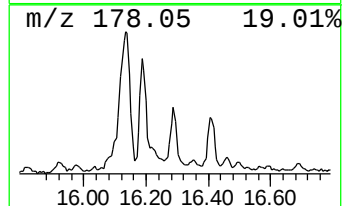
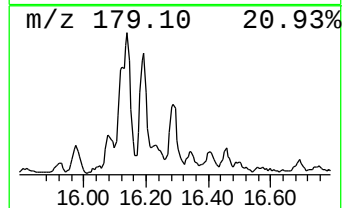
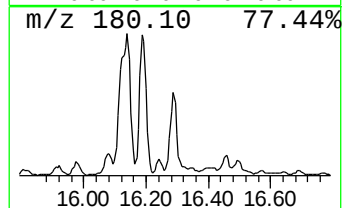
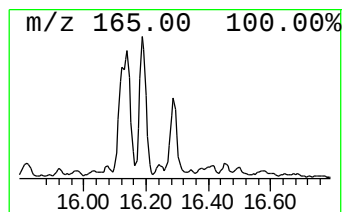
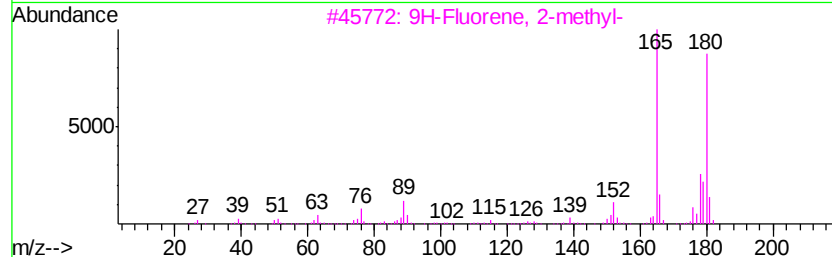
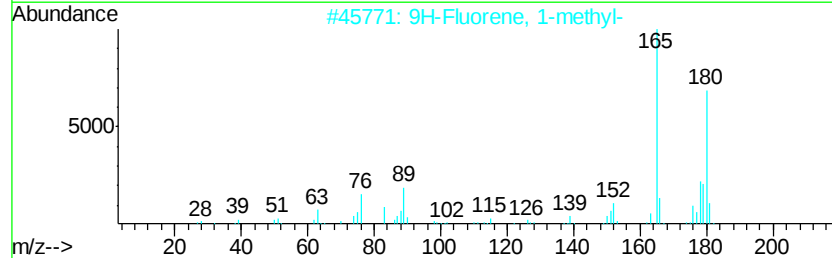
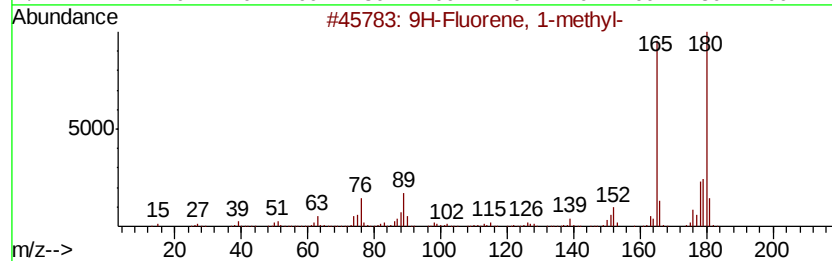
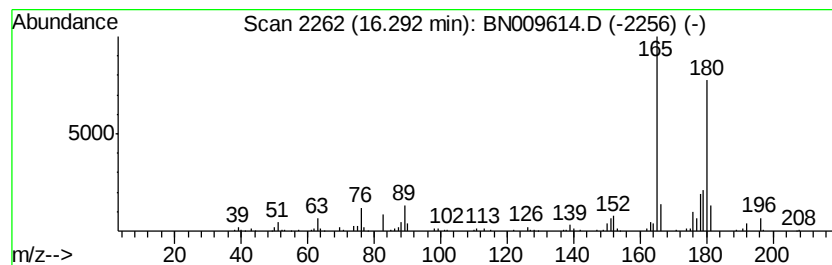
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 9H-Fluorene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.29	3.62 ng/ul	401875	Phenanthrene-d10		16.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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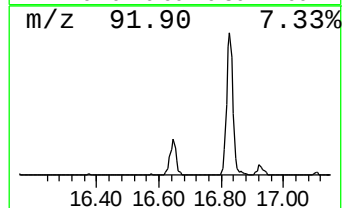
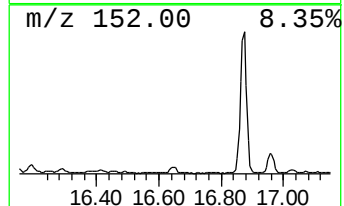
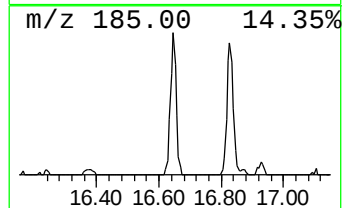
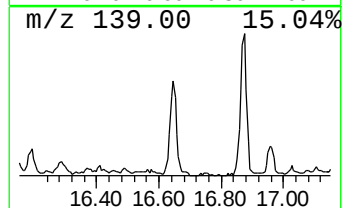
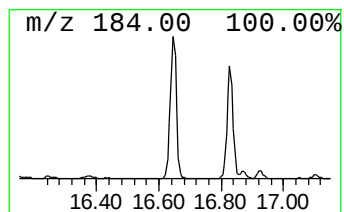
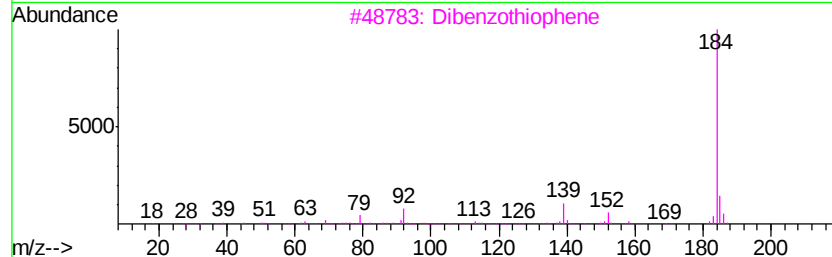
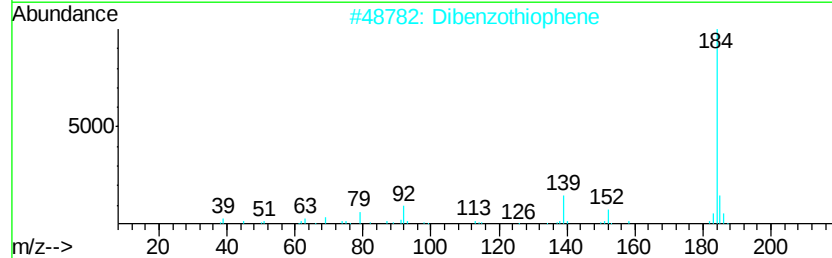
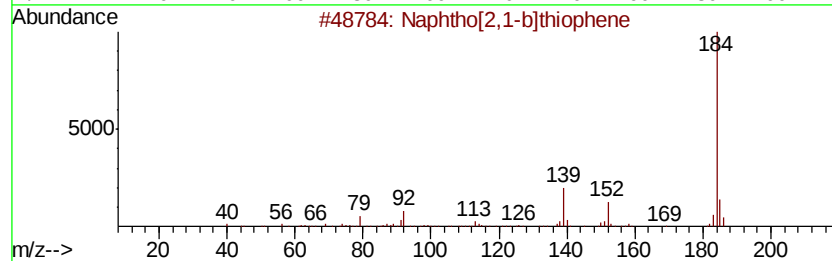
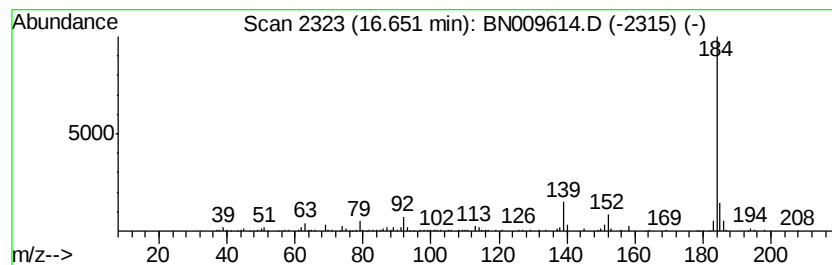
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphtho[2,1-b]thiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.84 ng/ul	426226	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5			Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
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Misc :
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Instrument :
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ClientSampleId :
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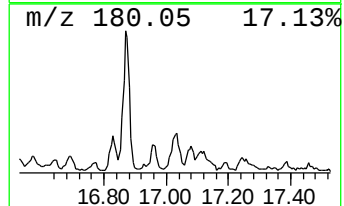
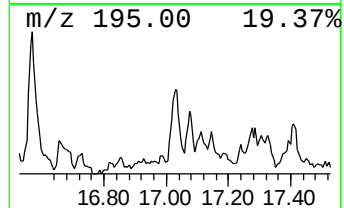
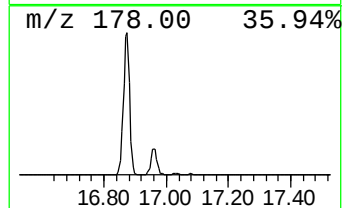
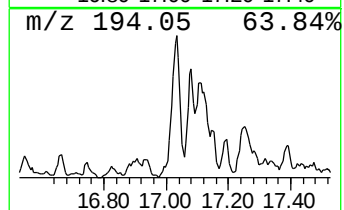
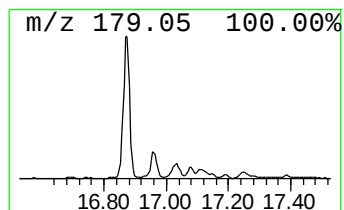
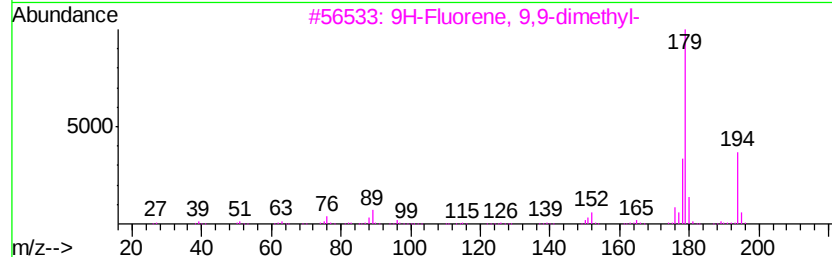
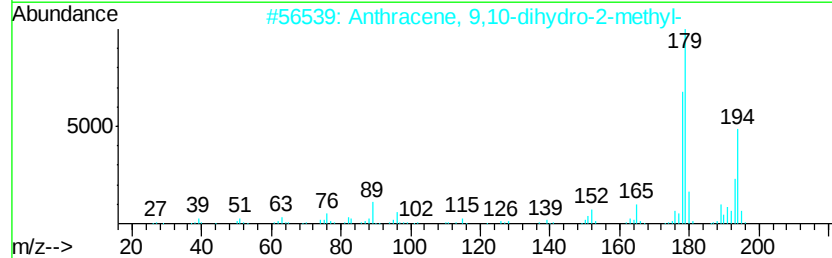
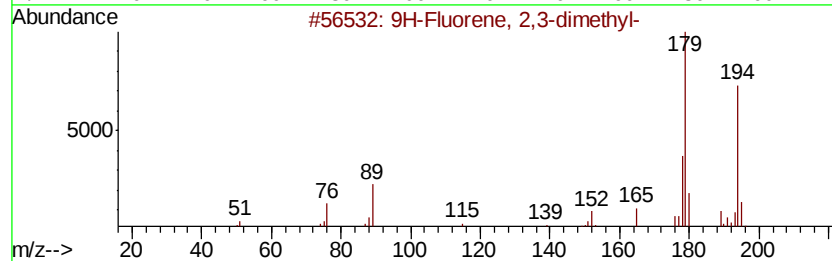
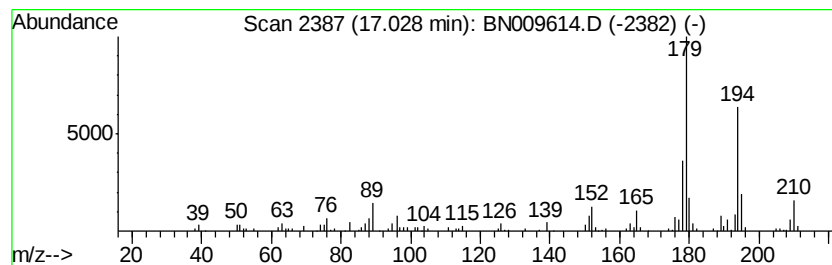
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 9H-Fluorene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	3.08 ng/ul	342014	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	91
2			Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	89
3			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	74
4			.alpha.-Methylstilbene	194	C15H14	000779-51-1	72
5			9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
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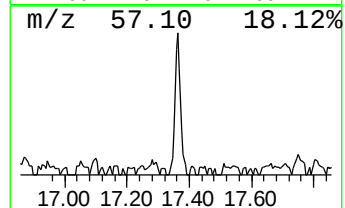
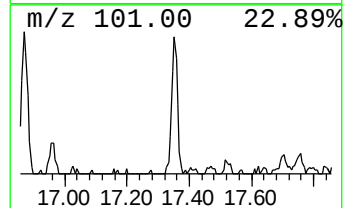
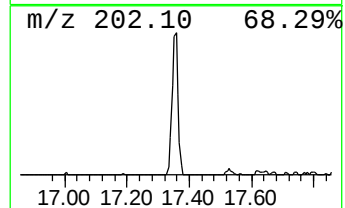
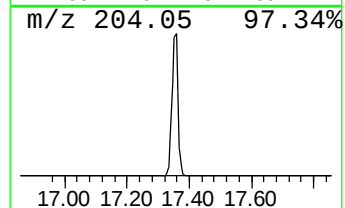
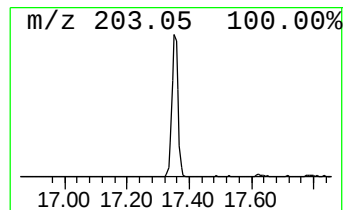
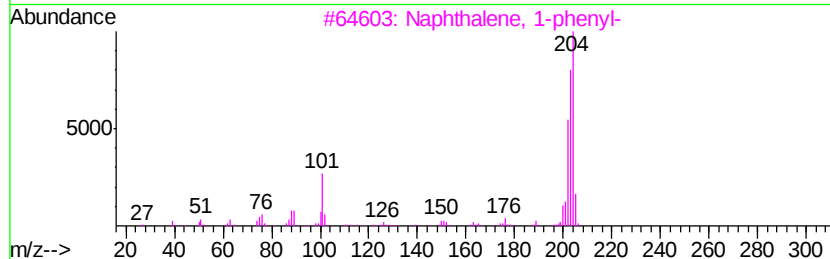
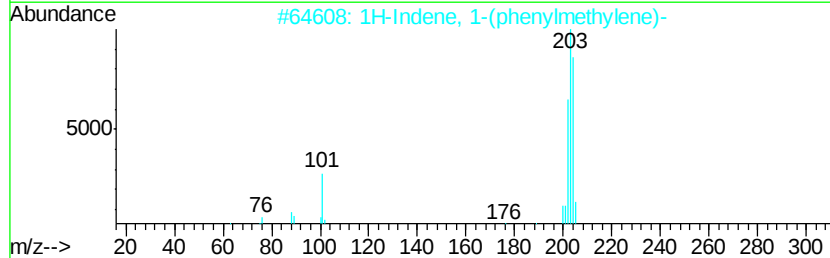
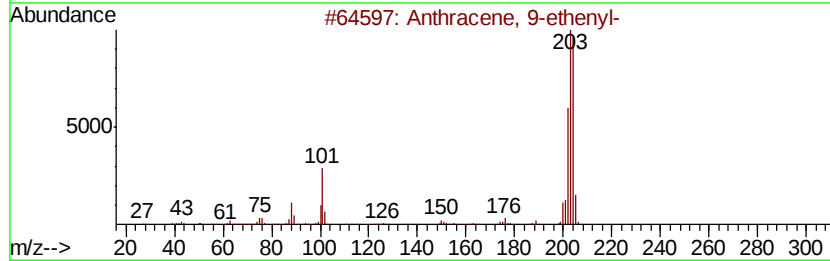
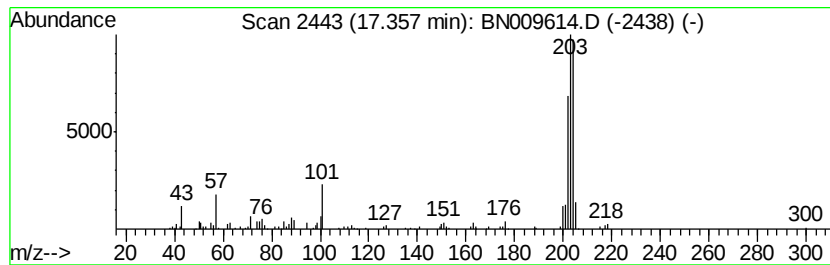
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Anthracene, 9-ethenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.61 ng/ul	289193	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
2		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	81
4		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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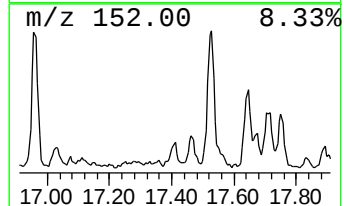
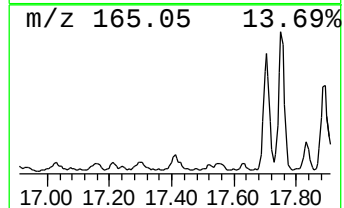
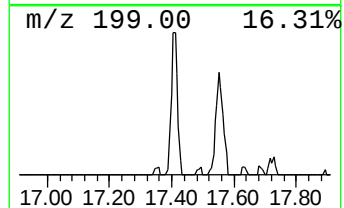
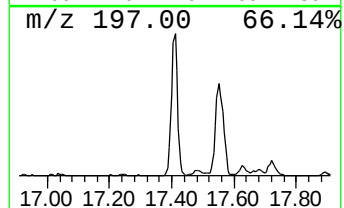
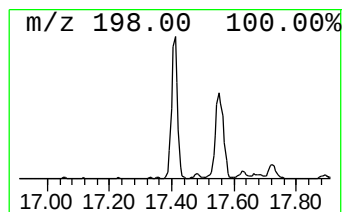
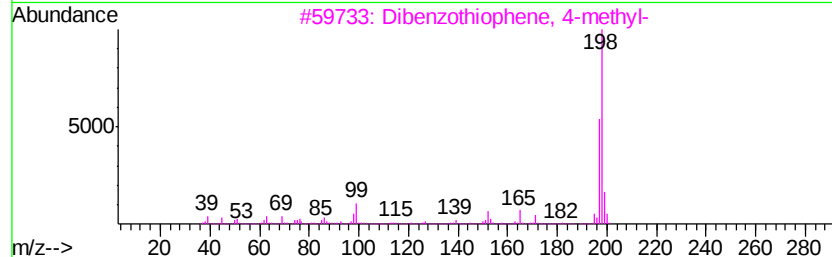
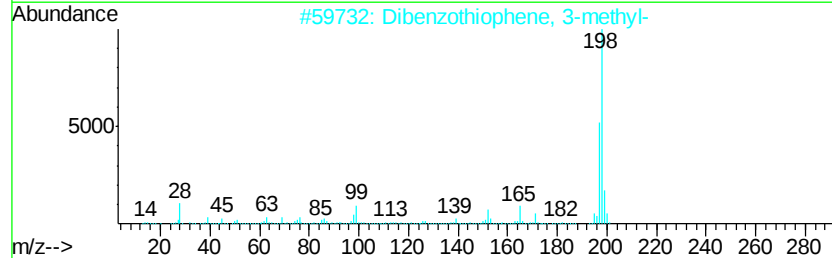
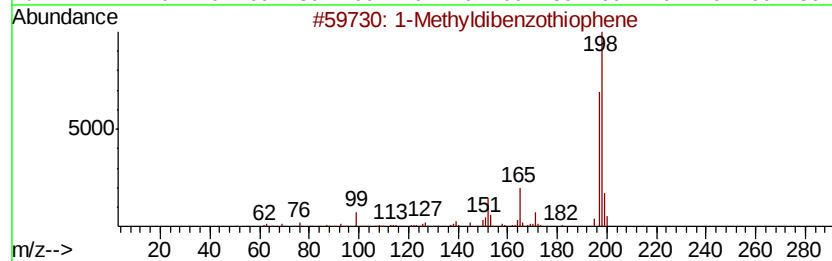
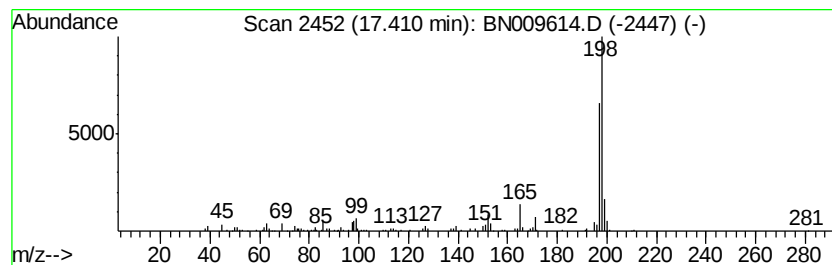
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1-Methyldibenzothiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	3.13 ng/ul	346574	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
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Sample : L1323-03DL 10X
Misc :
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Instrument :
BNA_N
ClientSampleId :
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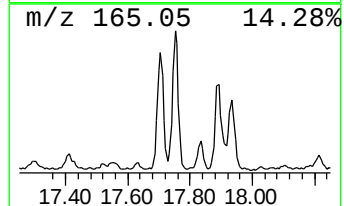
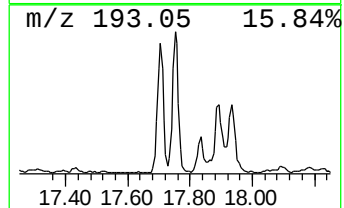
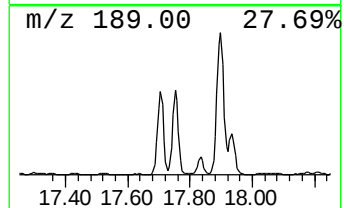
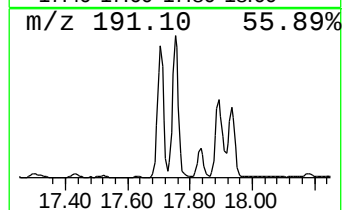
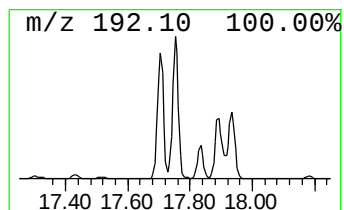
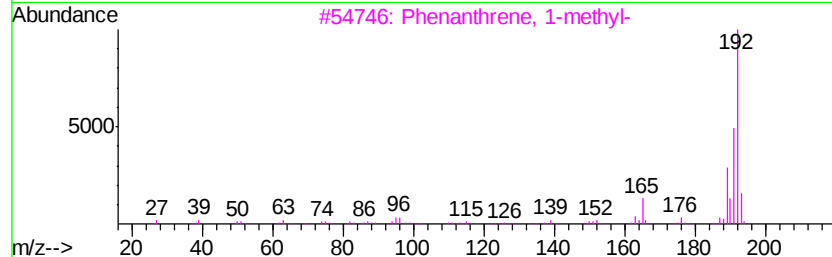
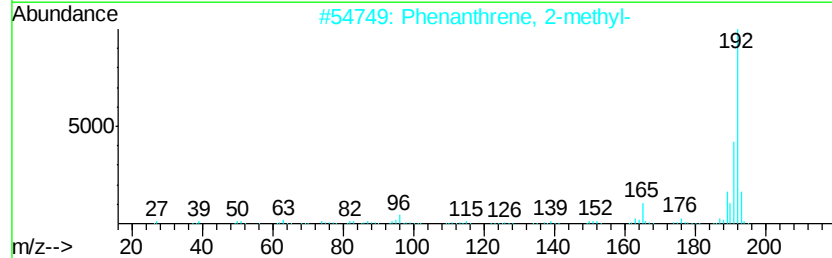
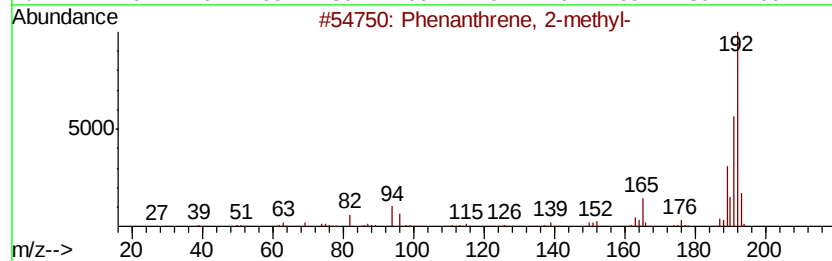
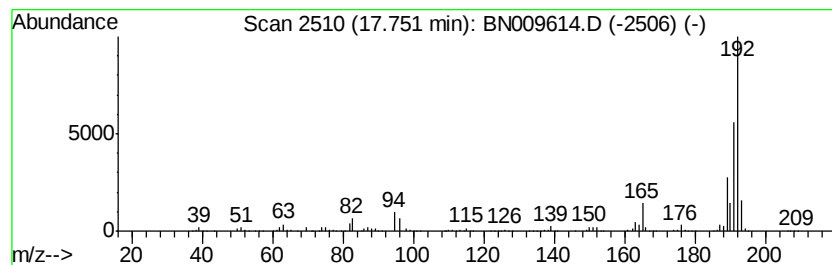
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	19.62 ng/ul	2175980	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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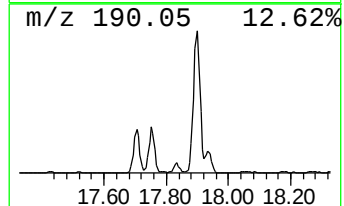
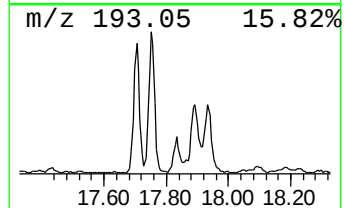
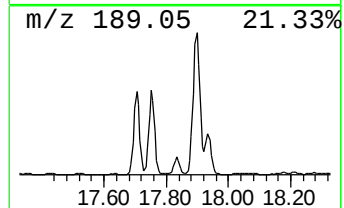
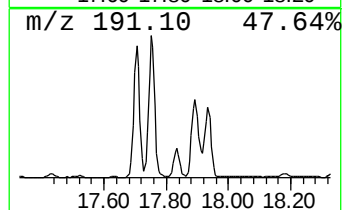
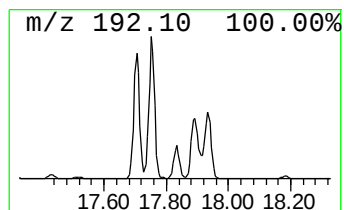
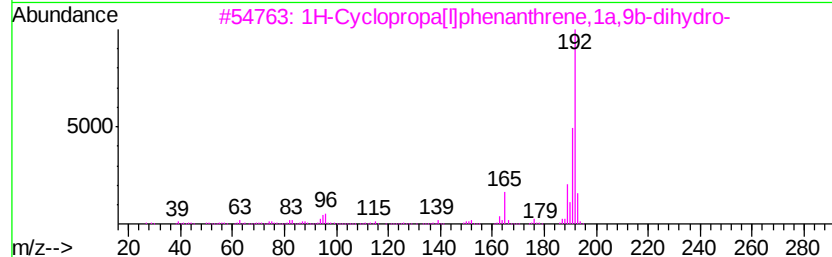
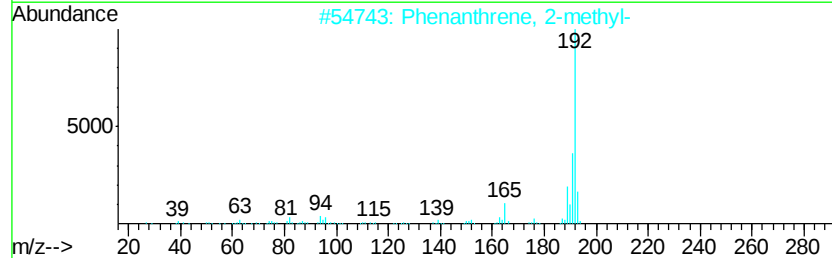
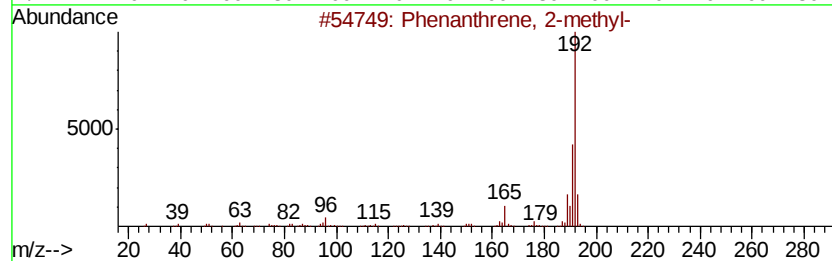
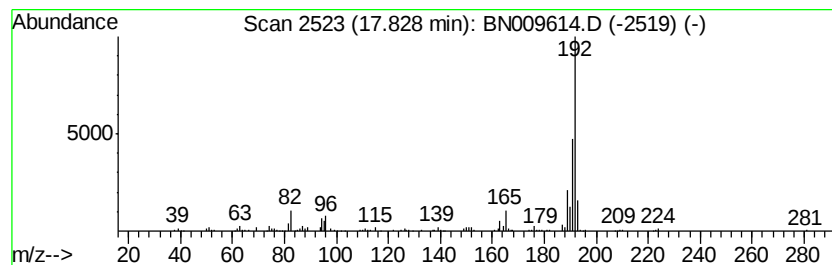
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.35 ng/ul	482619	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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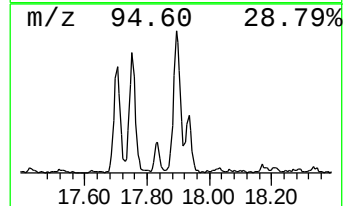
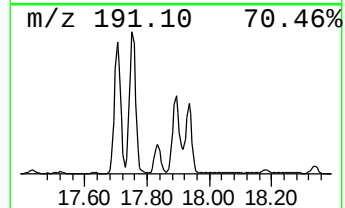
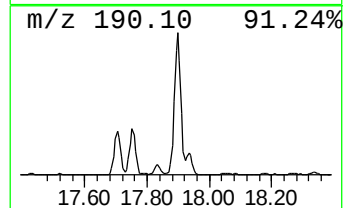
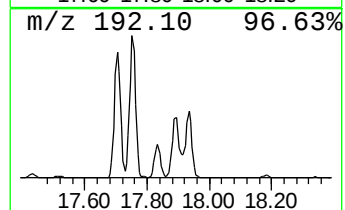
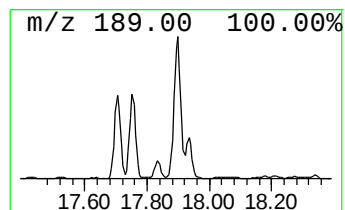
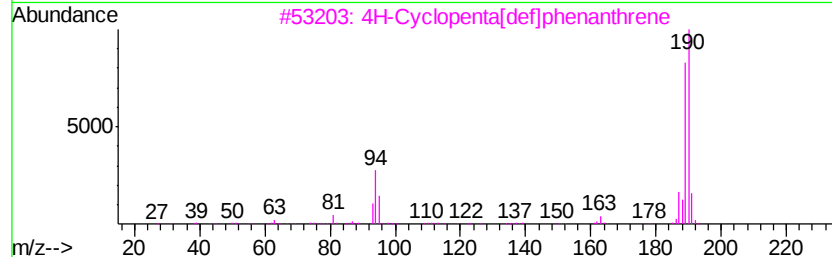
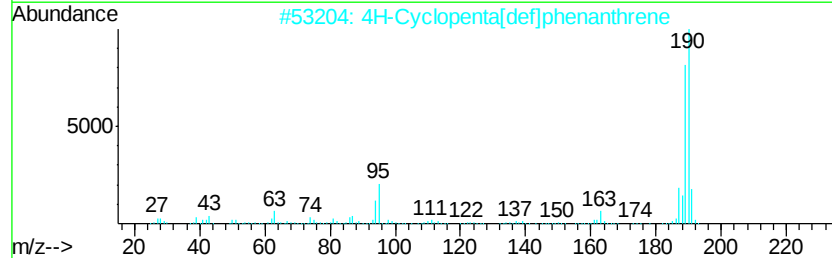
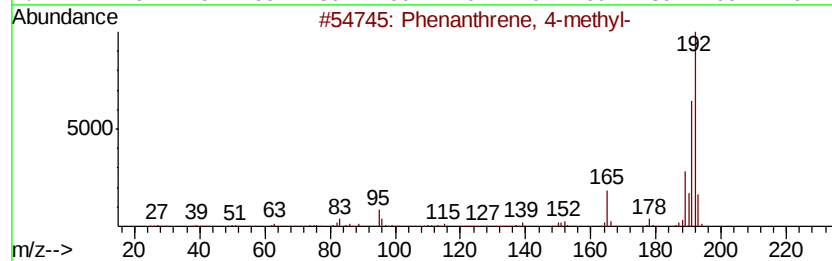
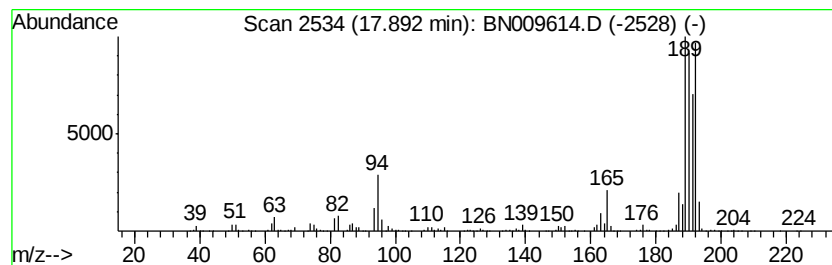
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	19.63 ng/ul	2177030	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		1H-Cyclopropa[all]phenanthrene, 1a,...	192	C15H12	000949-41-7	42
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT43DL

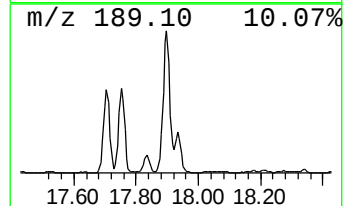
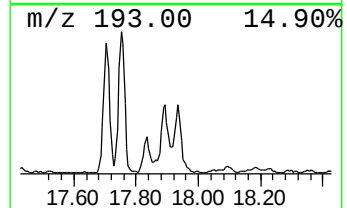
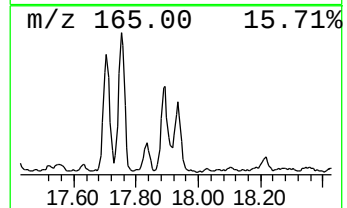
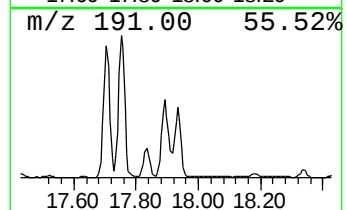
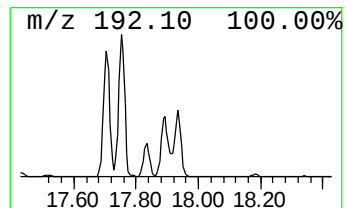
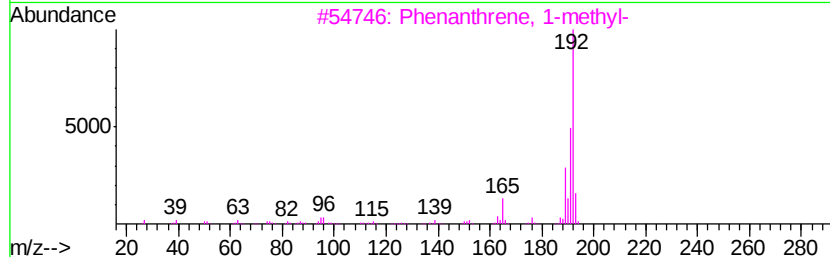
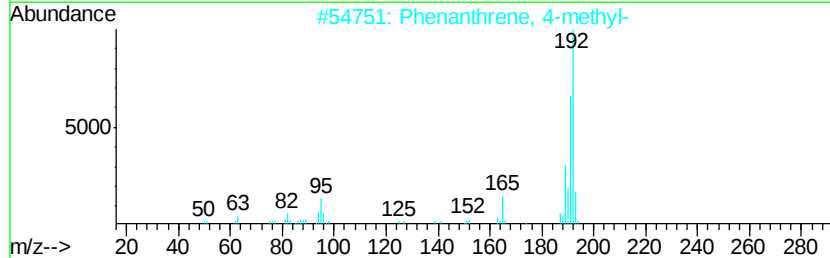
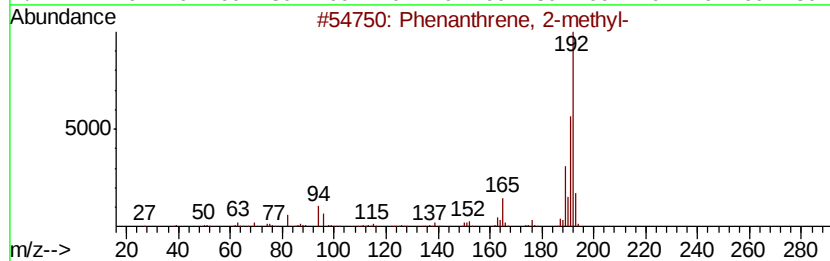
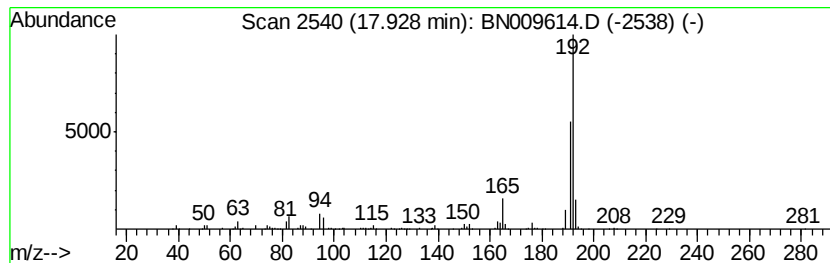
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	9.29 ng/ul	1029740	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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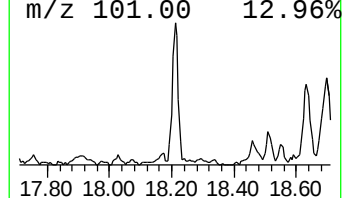
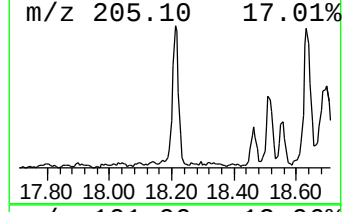
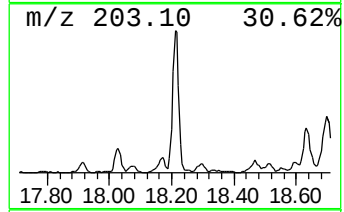
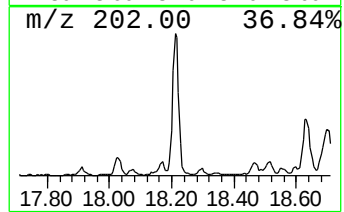
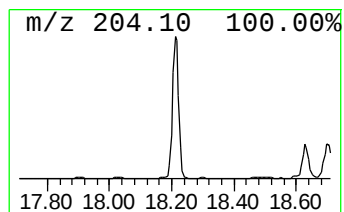
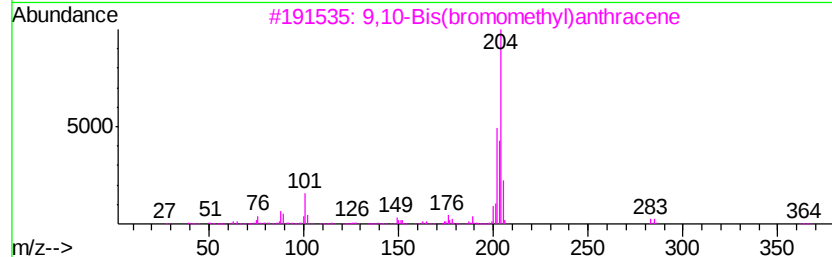
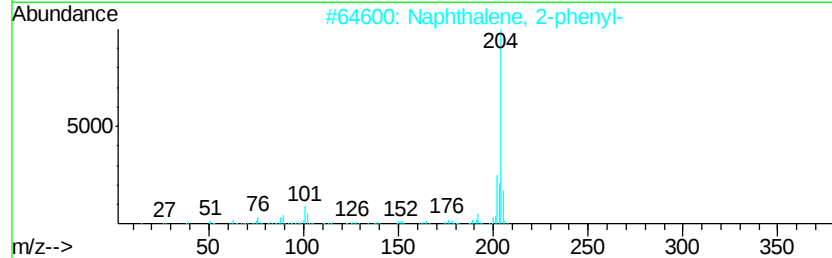
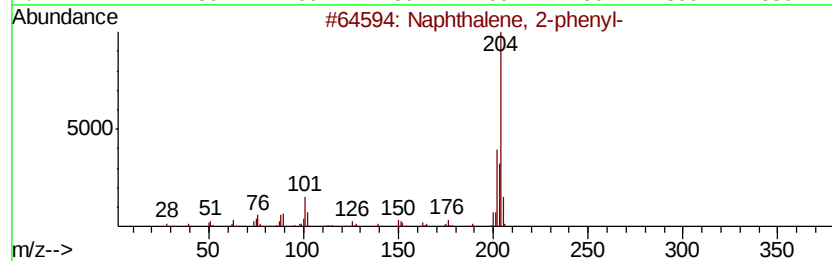
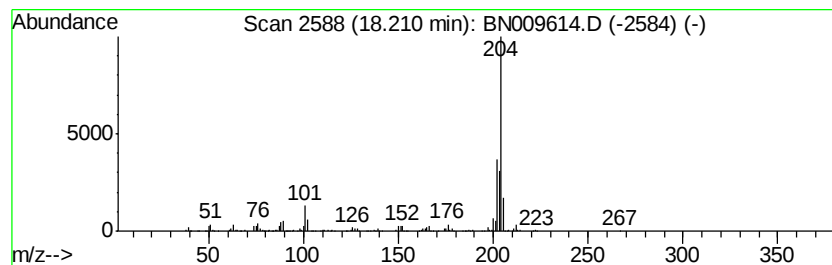
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	7.41 ng/ul	821552	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT43DL

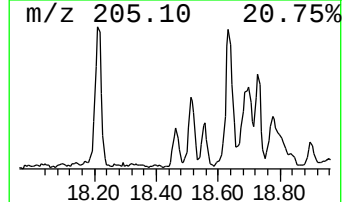
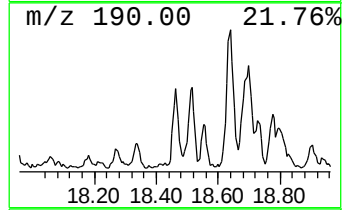
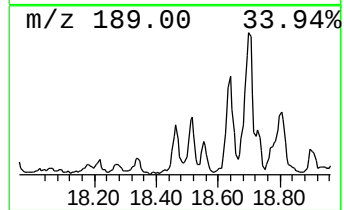
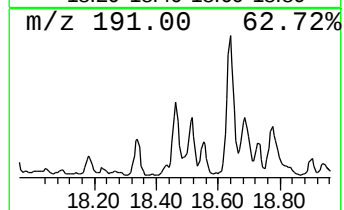
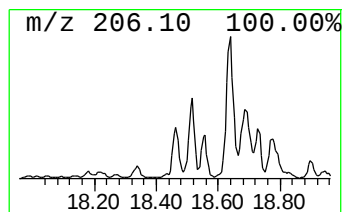
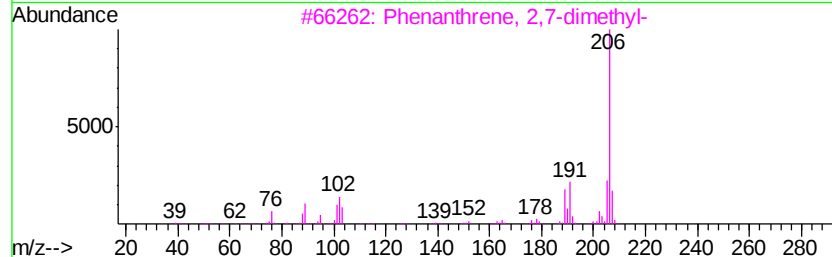
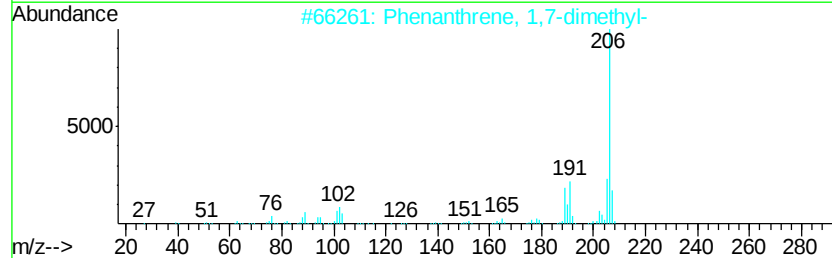
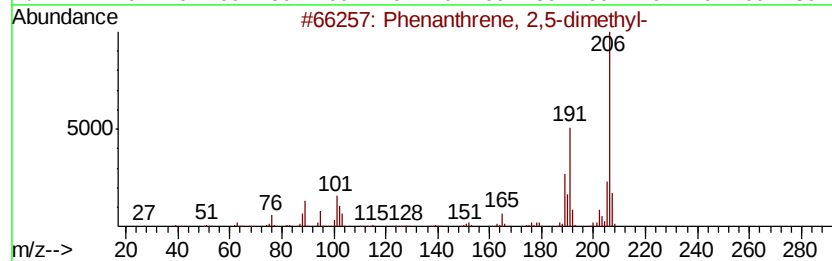
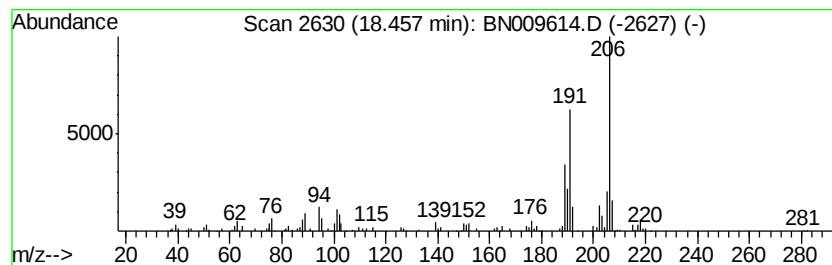
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Phenanthrene, 2,5-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.06 ng/ul	228490	Phenanthrene-d10	16.83

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	93
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009614.D
 Acq On : 06 Feb 2020 17:59
 Operator : CG/JU
 Sample : L1323-03DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT43DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.08	12.0	ng/ul	913600	2	10.19	1524240	20.0
(DEL) Alkane: Str...	12.92	2.3	ng/ul	237147	3	14.07	2025360	20.0
Naphthalene, 1-et...	13.09	2.2	ng/ul	221817	3	14.07	2025360	20.0
Naphthalene, 2,6-...	13.23	25.3	ng/ul	2559870	3	14.07	2025360	20.0
Naphthalene, 2,3-...	13.39	32.3	ng/ul	3269200	3	14.07	2025360	20.0
Naphthalene, 1,6-...	13.45	17.6	ng/ul	1785670	3	14.07	2025360	20.0
Naphthalene, 2,7-...	13.66	2.5	ng/ul	258595	3	14.07	2025360	20.0
(DEL) Alkane: Str...	14.00	2.6	ng/ul	258947	3	14.07	2025360	20.0
Naphthalene, 1,6,...	14.56	7.8	ng/ul	786105	3	14.07	2025360	20.0
Naphthalene, 2-(1...	14.69	13.2	ng/ul	1331190	3	14.07	2025360	20.0
Naphthalene, 1,4,...	14.76	5.7	ng/ul	577675	3	14.07	2025360	20.0
1,1'-Biphenyl, 3-...	14.85	3.1	ng/ul	309846	3	14.07	2025360	20.0
1H-Phenylene	14.95	7.0	ng/ul	706220	3	14.07	2025360	20.0
Naphthalene, 1-(2...	15.26	2.1	ng/ul	209017	3	14.07	2025360	20.0
Dibenzofuran, 4-m...	15.43	4.0	ng/ul	406290	3	14.07	2025360	20.0
[1,1'-Biphenyl]-4...	15.58	3.2	ng/ul	351482	4	16.83	2217890	20.0
unknown-01	15.83	2.9	ng/ul	322886	4	16.83	2217890	20.0
9H-Fluorene, 1-me...	16.14	10.3	ng/ul	1137320	4	16.83	2217890	20.0
9H-Fluorene, 2-me...	16.19	6.4	ng/ul	706241	4	16.83	2217890	20.0
9H-Fluorene, 9-me...	16.29	3.6	ng/ul	401875	4	16.83	2217890	20.0
Naphtho[2,1-b]thi...	16.65	3.8	ng/ul	426226	4	16.83	2217890	20.0
9H-Fluorene, 2,3-...	17.03	3.1	ng/ul	342014	4	16.83	2217890	20.0
Anthracene, 9-eth...	17.36	2.6	ng/ul	289193	4	16.83	2217890	20.0
1-Methyldibenzoth...	17.41	3.1	ng/ul	346574	4	16.83	2217890	20.0
Phenanthrene, 1-m...	17.75	19.6	ng/ul	2175980	4	16.83	2217890	20.0
1H-Cyclopropa[1]p...	17.83	4.3	ng/ul	482619	4	16.83	2217890	20.0
Phenanthrene, 4-m...	17.89	19.6	ng/ul	2177030	4	16.83	2217890	20.0
Phenanthrene, 2-m...	17.93	9.3	ng/ul	1029740	4	16.83	2217890	20.0
Naphthalene, 2-ph...	18.21	7.4	ng/ul	821552	4	16.83	2217890	20.0
Phenanthrene, 2,5...	18.46	2.1	ng/ul	228490	4	16.83	2217890	20.0