

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
 Data File : BN009685.D
 Acq On : 10 Feb 2020 15:00
 Operator : CG/JU
 Sample : L1324-16ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT71ME

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	5.470	416	422	436	rBV2	539488	1144035	2.45%	0.351%
2	6.628	615	619	623	rVV	413916	647288	1.39%	0.199%
3	6.969	671	677	685	rVB	426535	647084	1.39%	0.199%
4	7.093	691	698	705	rBV2	1283959	2266124	4.85%	0.696%
5	7.428	749	755	765	rBV	601929	938125	2.01%	0.288%
6	7.952	834	844	854	rBV	4710729	7292261	15.61%	2.240%
7	8.140	870	876	886	rVB	496714	779917	1.67%	0.240%
8	8.569	944	949	959	rVV	430061	848260	1.82%	0.261%
9	9.287	1062	1071	1077	rVV2	359146	686537	1.47%	0.211%
10	9.622	1112	1128	1134	rBV3	889881	2148006	4.60%	0.660%
11	9.687	1134	1139	1144	rBV	739728	1424210	3.05%	0.437%
12	9.816	1156	1161	1168	rVB	474896	804121	1.72%	0.247%
13	10.181	1216	1223	1226	rBV	881865	1542947	3.30%	0.474%
14	10.252	1226	1235	1241	rVV2	24281913	46700978	100.00%	14.345%
15	10.340	1241	1250	1259	rVV4	551309	1412764	3.03%	0.434%
16	11.575	1455	1460	1466	rBV2	378368	656337	1.41%	0.202%
17	11.857	1498	1508	1516	rVB	12195515	19808876	42.42%	6.085%
18	12.081	1533	1546	1556	rBV	7943704	12525402	26.82%	3.847%
19	12.887	1677	1683	1697	rBV2	1212436	2227964	4.77%	0.684%
20	13.222	1733	1740	1742	rBV	1650913	2596800	5.56%	0.798%
21	13.387	1758	1768	1773	rBV	2950270	5310436	11.37%	1.631%
22	13.440	1773	1777	1782	rVV	1894817	2723083	5.83%	0.836%
23	13.493	1782	1786	1787	rVV	996742	1233328	2.64%	0.379%
24	13.516	1787	1790	1798	rVV	1896520	2998958	6.42%	0.921%
25	13.622	1803	1808	1812	rVV	1345820	2095343	4.49%	0.644%
26	13.787	1824	1836	1850	rBV2	7684994	12741494	27.28%	3.914%
27	14.063	1876	1883	1889	rVV2	1409953	2740198	5.87%	0.842%
28	14.134	1889	1895	1898	rVV	741467	1136612	2.43%	0.349%
29	14.304	1915	1924	1931	rBV2	410492	990388	2.12%	0.304%
30	14.475	1943	1953	1958	rBV2	987034	1954454	4.19%	0.600%
31	14.557	1962	1967	1971	rVB	660032	862797	1.85%	0.265%
32	14.687	1983	1989	1995	rBV2	866801	1886651	4.04%	0.580%
33	14.951	2029	2034	2040	rVB2	1166647	1825099	3.91%	0.561%
34	15.069	2049	2054	2059	rVB2	2194998	3130405	6.70%	0.962%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.128	2059	2064	2076	rVB	5487130	8449229	18.09%	2.595%
36	15.228	2076	2081	2083	rBV2	445636	657593	1.41%	0.202%
37	15.328	2094	2098	2103	rBV2	356045	607248	1.30%	0.187%
38	15.422	2109	2114	2118	rBV	520233	831164	1.78%	0.255%
39	15.540	2128	2134	2138	rBV	1426566	1986362	4.25%	0.610%
40	15.575	2138	2140	2149	rVB2	340302	613992	1.31%	0.189%
41	15.822	2175	2182	2185	rBV2	377679	739275	1.58%	0.227%
42	16.134	2227	2235	2240	rBV	1088319	2138604	4.58%	0.657%
43	16.187	2240	2244	2249	rVB	687300	988603	2.12%	0.304%
44	16.281	2255	2260	2266	rVB	678790	976335	2.09%	0.300%
45	16.493	2292	2296	2303	rVB3	441414	661234	1.42%	0.203%
46	16.640	2314	2321	2331	rVB	1615484	2736485	5.86%	0.841%
47	16.828	2347	2353	2355	rBV	1191028	1809824	3.88%	0.556%
48	16.881	2355	2362	2366	rVV	16767054	25963508	55.60%	7.975%
49	16.928	2366	2370	2372	rVV	1430093	2058655	4.41%	0.632%
50	16.957	2372	2375	2381	rVV	4088806	5369591	11.50%	1.649%
51	17.022	2381	2386	2392	rVV2	350442	665582	1.43%	0.204%
52	17.351	2437	2442	2446	rVV2	617795	845043	1.81%	0.260%
53	17.404	2446	2451	2458	rVB2	778787	1207111	2.58%	0.371%
54	17.545	2467	2475	2483	rVB2	545184	1127719	2.41%	0.346%
55	17.704	2496	2502	2506	rVV	3263500	4664964	9.99%	1.433%
56	17.751	2506	2510	2516	rVB	3725454	4819688	10.32%	1.480%
57	17.828	2518	2523	2528	rBV	1185875	1620809	3.47%	0.498%
58	17.892	2528	2534	2538	rBV2	4525574	7614084	16.30%	2.339%
59	17.934	2538	2541	2551	rVB	2223026	2882558	6.17%	0.885%
60	18.204	2574	2587	2592	rBV	1677901	2714455	5.81%	0.834%
61	18.510	2635	2639	2642	rVV	521844	701047	1.50%	0.215%
62	18.634	2650	2660	2664	rBV2	1658129	2754976	5.90%	0.846%
63	18.692	2664	2670	2673	rVV2	1151373	2152782	4.61%	0.661%
64	18.728	2673	2676	2679	rVV	757211	965539	2.07%	0.297%
65	18.775	2679	2684	2685	rVV	445472	649174	1.39%	0.199%
66	18.792	2685	2687	2692	rVV	502612	720095	1.54%	0.221%
67	18.898	2699	2705	2710	rBV	7502731	9795468	20.97%	3.009%
68	19.045	2726	2730	2736	rVB	2323969	3091049	6.62%	0.949%
69	19.234	2756	2762	2763	rBV	1778217	2283690	4.89%	0.701%
70	19.263	2763	2767	2777	rVB	9175233	13274226	28.42%	4.077%
71	19.592	2818	2823	2834	rBV3	812367	1675335	3.59%	0.515%

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72	19.733	2841	2847	2848	rBV2	842526	1166363	2.50%	0.358%
73	19.763	2849	2852	2858	rVB	2017313	2772768	5.94%	0.852%
74	19.869	2865	2870	2875	rVB	1807037	2273054	4.87%	0.698%
75	19.922	2875	2879	2883	rBV	1150426	1436965	3.08%	0.441%
76	20.063	2899	2903	2907	rVV	877645	1255804	2.69%	0.386%
77	20.110	2907	2911	2921	rVB	1303009	1949260	4.17%	0.599%
78	20.481	2969	2974	2978	rBV3	323592	702584	1.50%	0.216%
79	20.681	3005	3008	3012	rVV	708216	1093448	2.34%	0.336%
80	20.722	3012	3015	3018	rVV	1031884	1236461	2.65%	0.380%
81	20.757	3018	3021	3022	rVV	541737	611060	1.31%	0.188%
82	20.775	3022	3024	3038	rVB4	928573	1667166	3.57%	0.512%
83	21.028	3061	3067	3072	rBV2	4851499	8527612	18.26%	2.619%
84	21.075	3072	3075	3086	rVB	3428892	4345569	9.31%	1.335%
85	21.245	3097	3104	3117	rVB5	690879	1511854	3.24%	0.464%
86	21.580	3155	3161	3166	rVV	931423	1715755	3.67%	0.527%
87	21.628	3166	3169	3175	rVV2	532994	957212	2.05%	0.294%
88	21.686	3176	3179	3182	rVV2	357683	619848	1.33%	0.190%
89	21.722	3182	3185	3188	rVV2	476138	645399	1.38%	0.198%
90	21.763	3188	3192	3194	rVV2	549288	762575	1.63%	0.234%
91	21.792	3194	3197	3202	rVV2	793701	1037794	2.22%	0.319%
92	22.545	3318	3325	3334	rBV2	1448145	4140100	8.87%	1.272%
93	22.692	3345	3350	3359	rVB	616426	1048248	2.24%	0.322%
94	22.975	3392	3398	3402	rBV	973579	1728831	3.70%	0.531%
95	23.022	3402	3406	3409	rVV	1096761	1859505	3.98%	0.571%
96	23.063	3409	3413	3420	rVV	2311276	3849127	8.24%	1.182%
97	23.151	3423	3428	3433	rVV	1144575	2024770	4.34%	0.622%
98	23.951	3558	3564	3575	rVB	305262	729360	1.56%	0.224%
99	25.210	3771	3778	3790	rVB	592339	1560780	3.34%	0.479%
100	25.833	3878	3884	3892	rBV	345634	792297	1.70%	0.243%

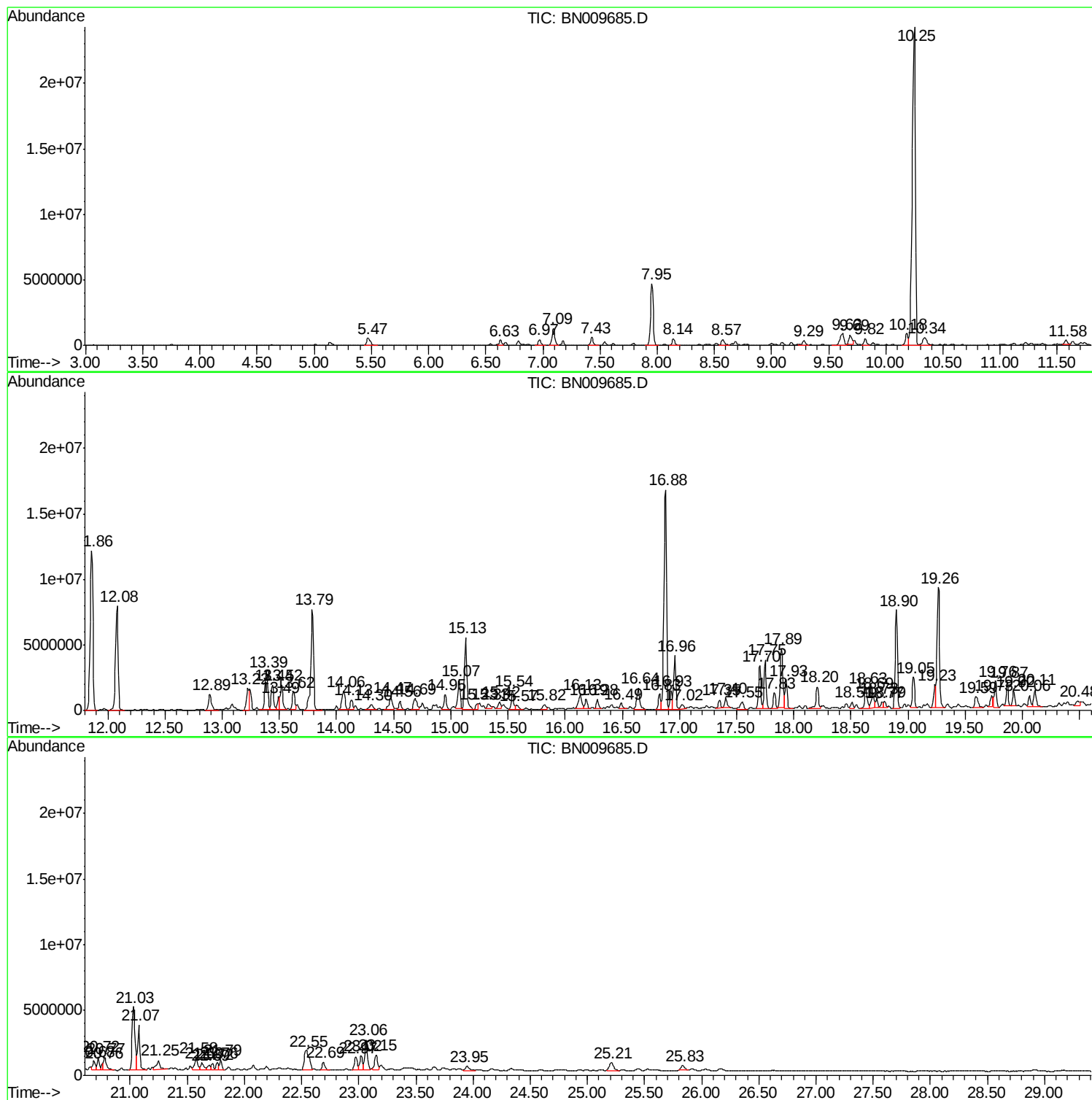
Sum of corrected areas: 325561947

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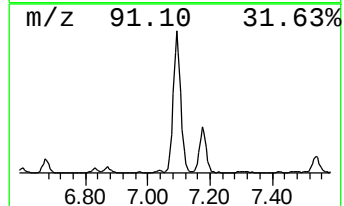
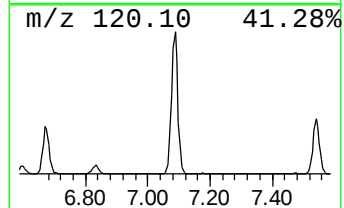
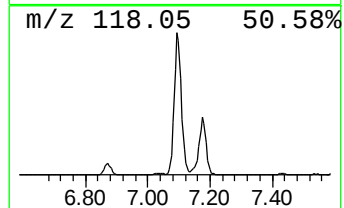
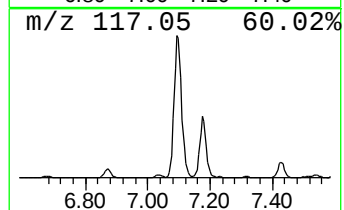
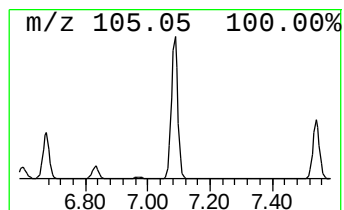
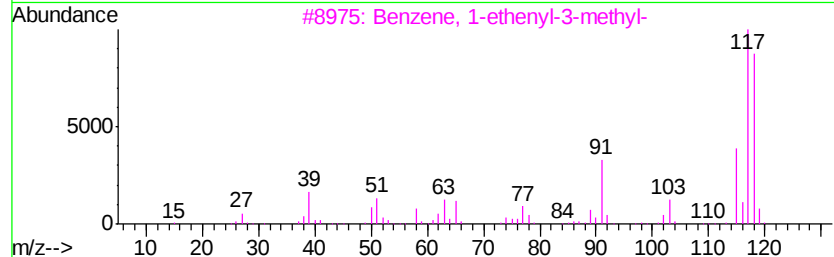
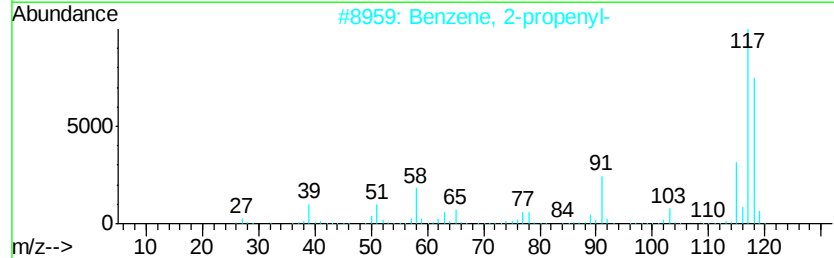
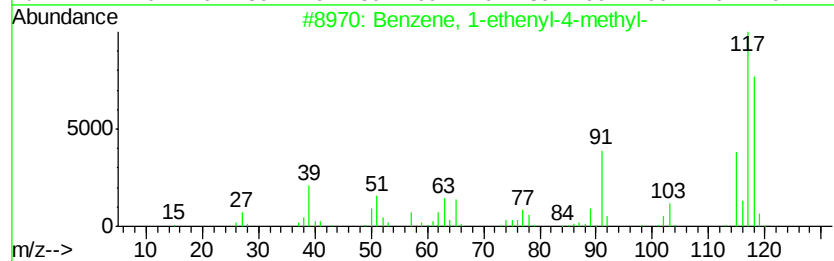
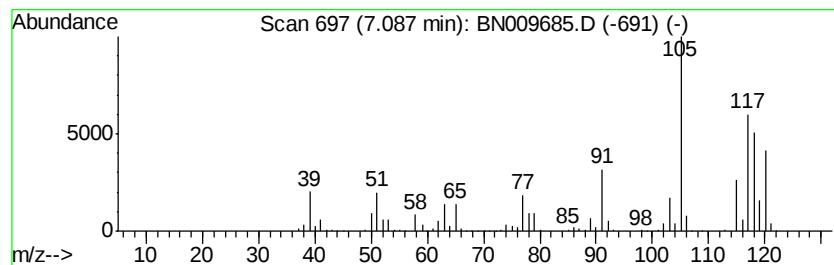
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-ethenyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	48.31 ng/ul	2266120	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	60



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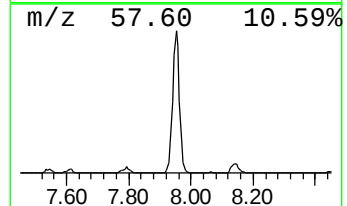
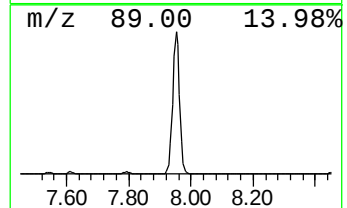
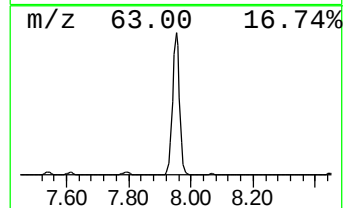
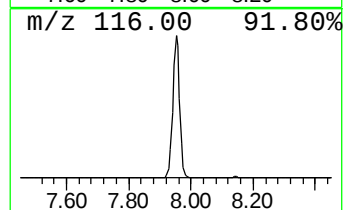
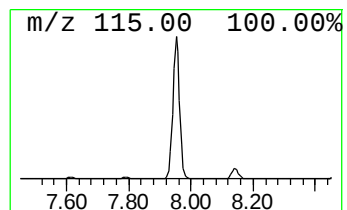
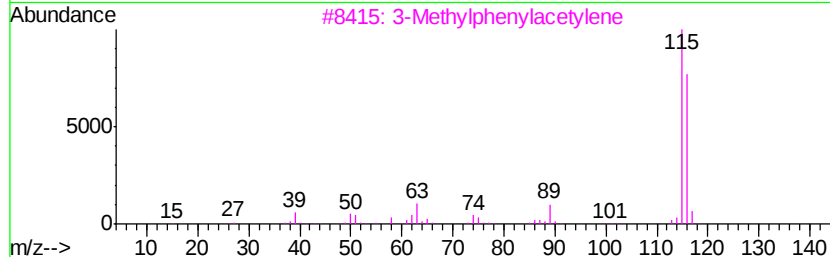
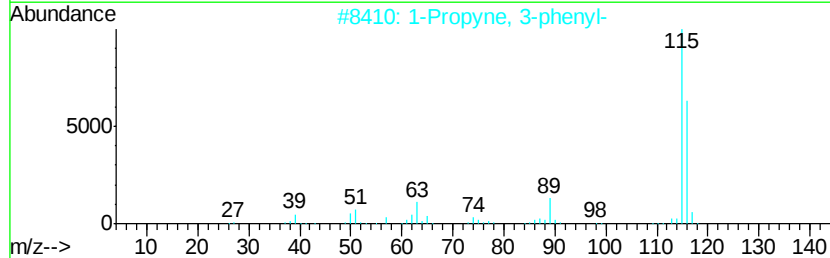
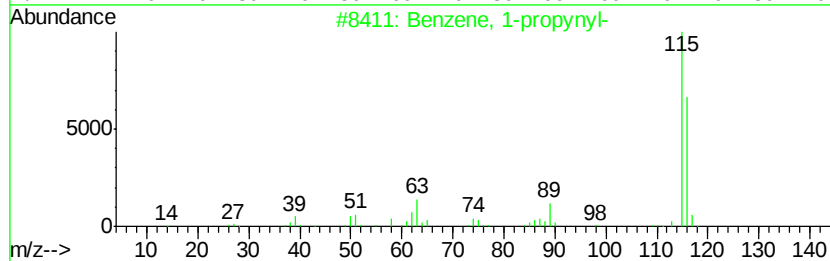
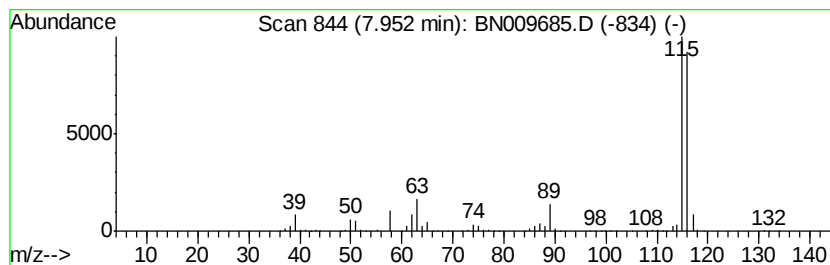
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	155.47 ng/ul	7292260	1,4-Dichlorobenzene-d4	7.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Indene	116	C9H8	000095-13-6	91



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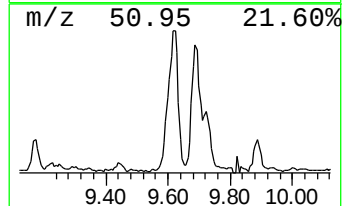
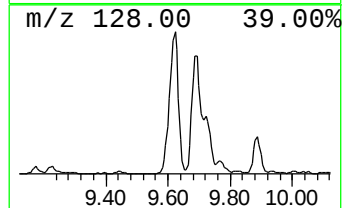
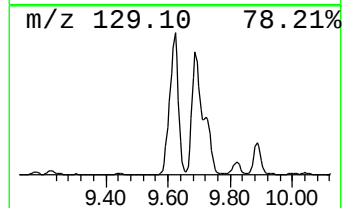
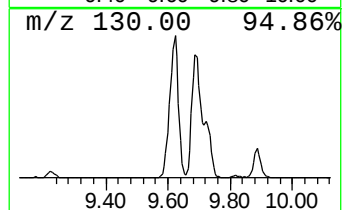
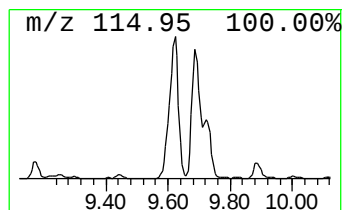
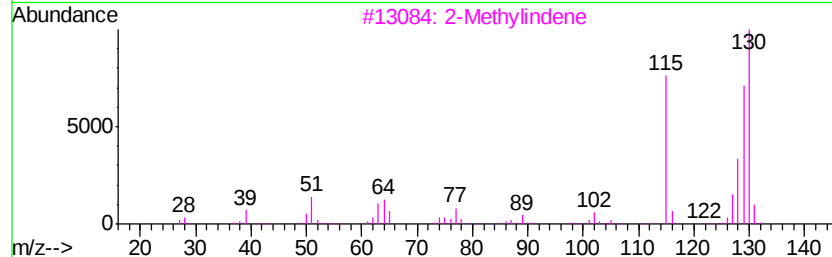
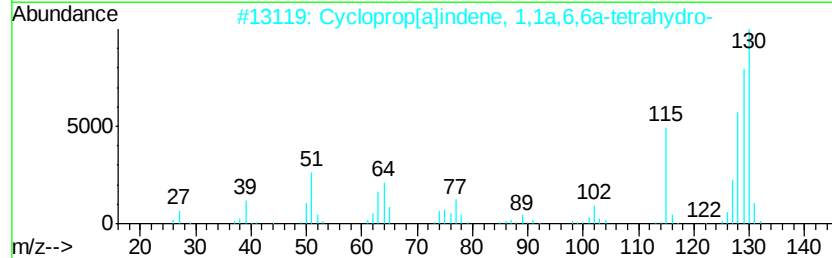
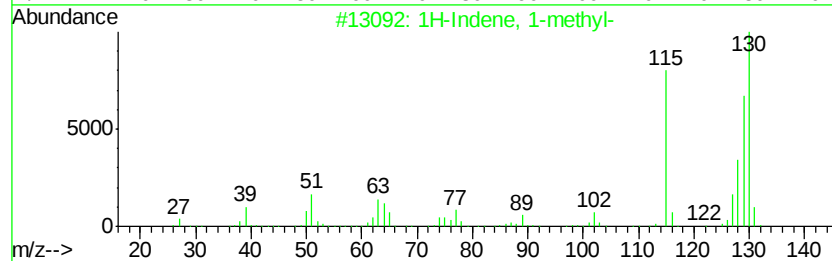
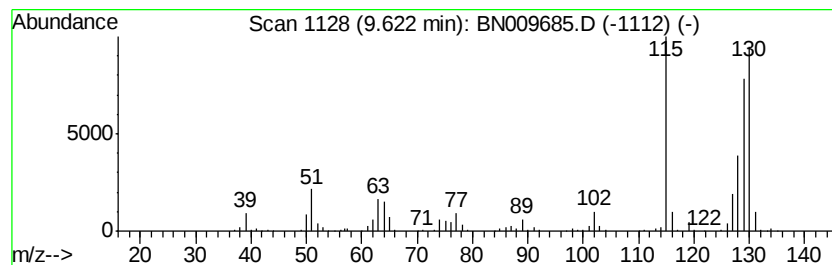
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	27.84 ng/ul	2148010	Napthalene-d8	10.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
3		2-Methylindene	130	C10H10	002177-47-1	95
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

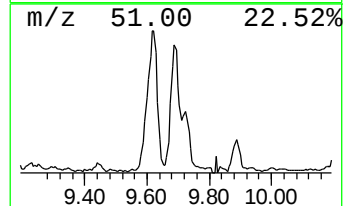
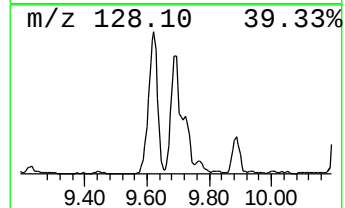
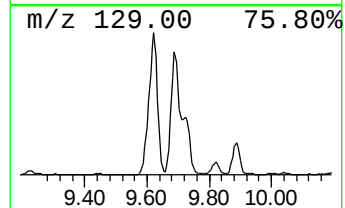
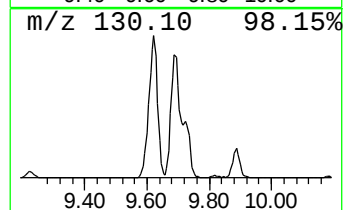
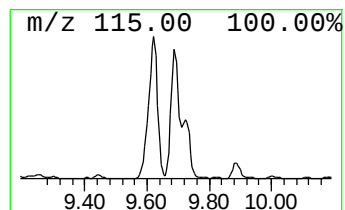
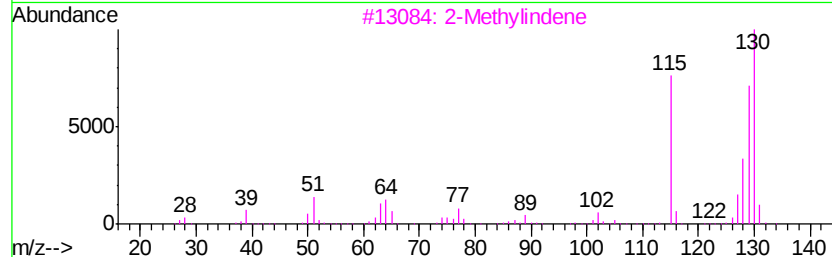
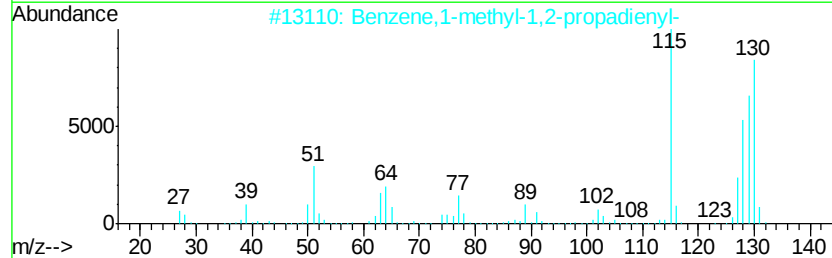
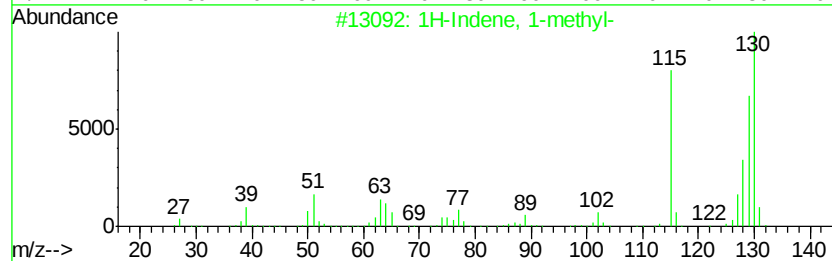
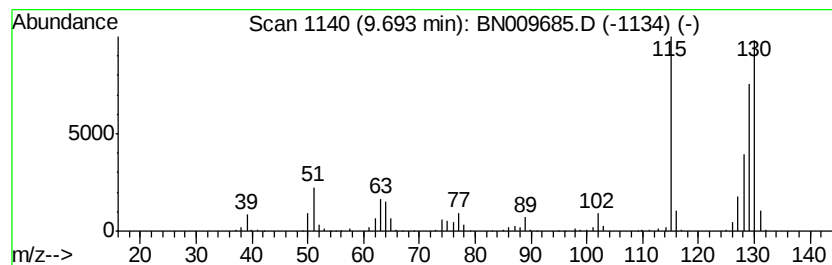
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene,1-methyl-1,2-propad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	18.46 ng/ul	1424210	Naphthalene-d8	10.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3		2-Methylindene	130	C10H10	002177-47-1	95
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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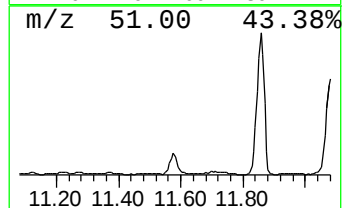
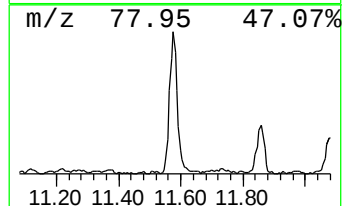
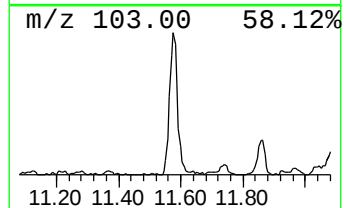
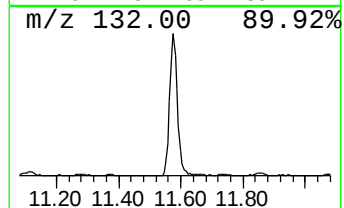
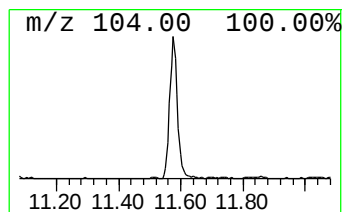
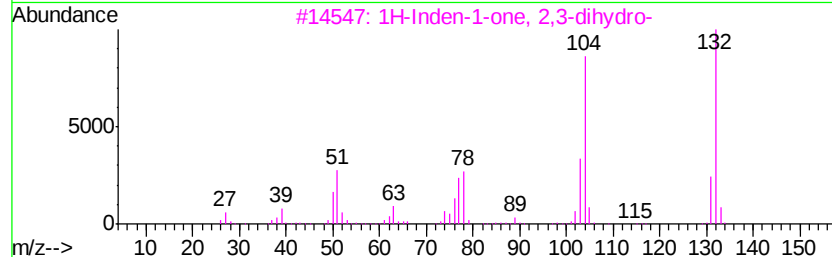
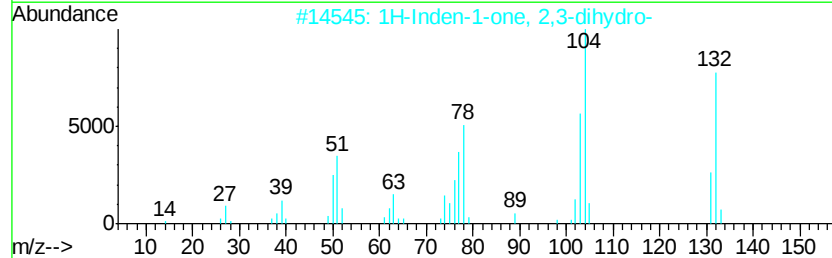
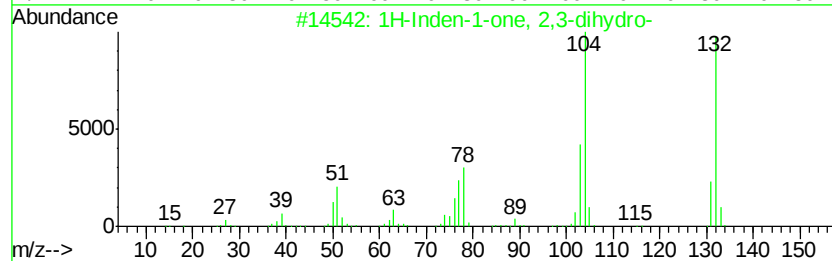
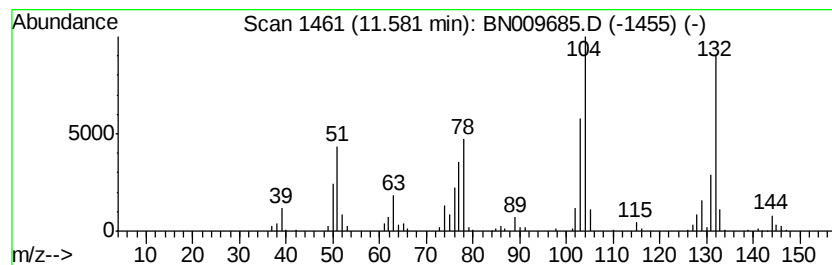
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	8.51 ng/ul	656337	Napthalene-d8	10.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
4		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	81
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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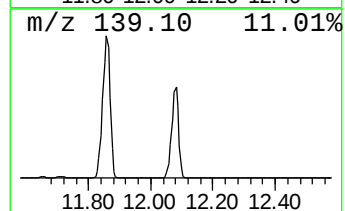
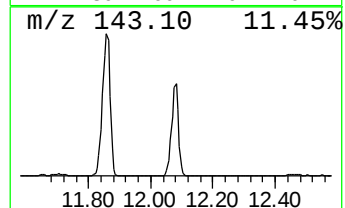
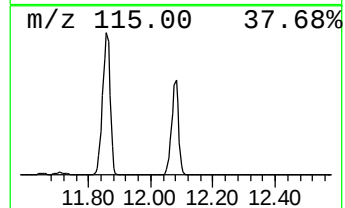
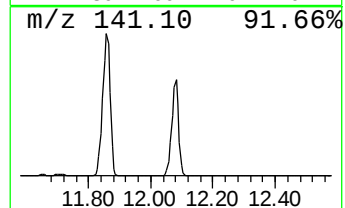
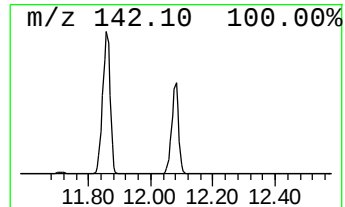
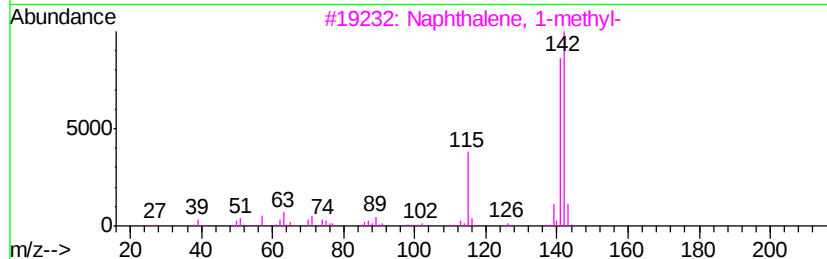
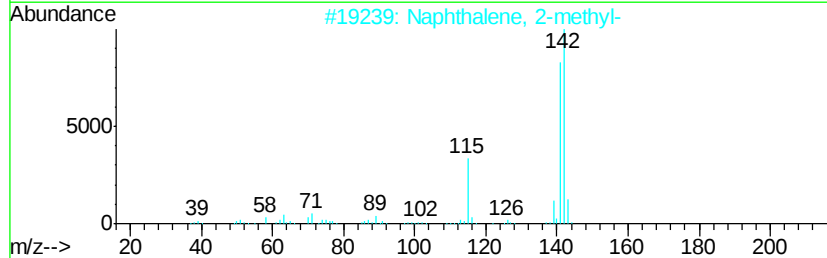
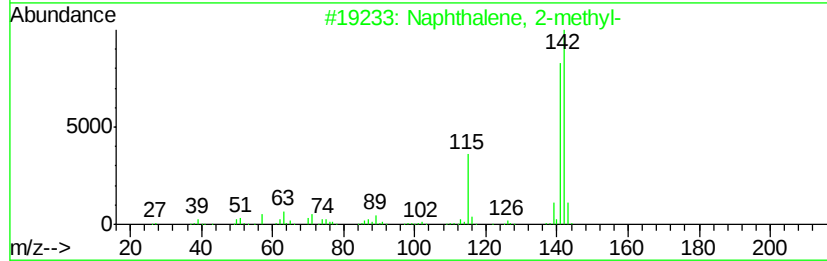
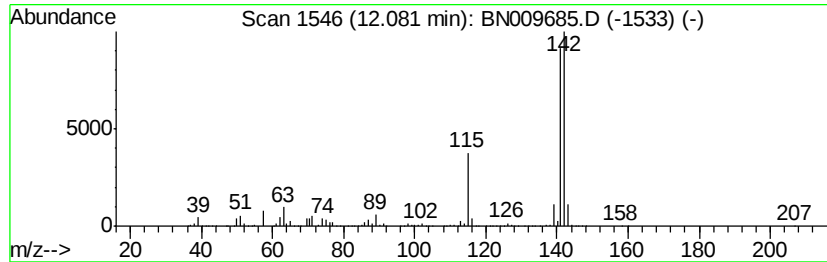
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	162.36 ng/ul	12525400	Naphthalene-d8	10.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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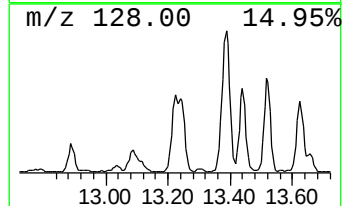
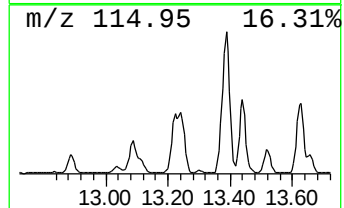
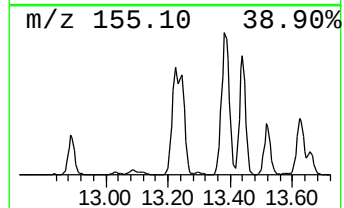
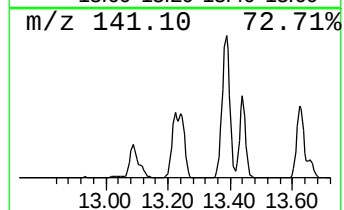
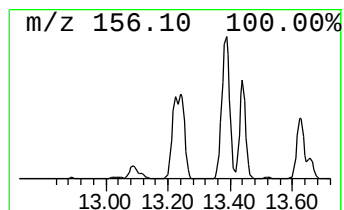
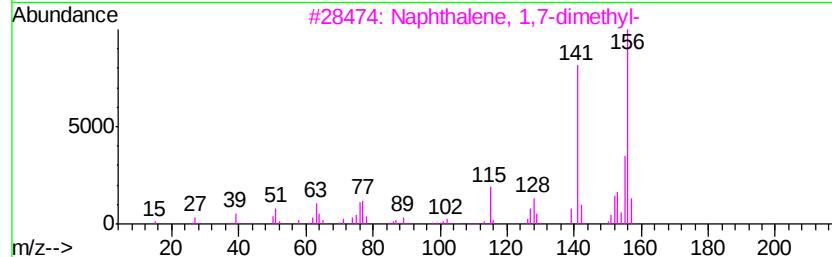
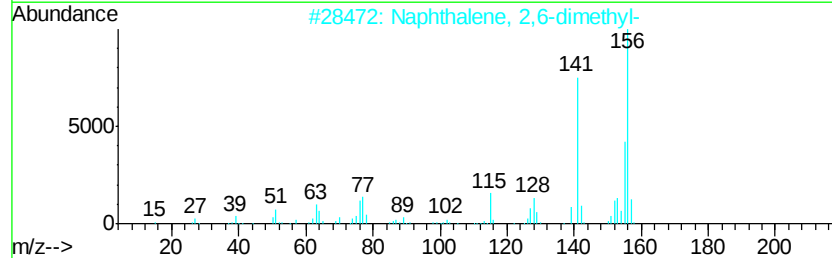
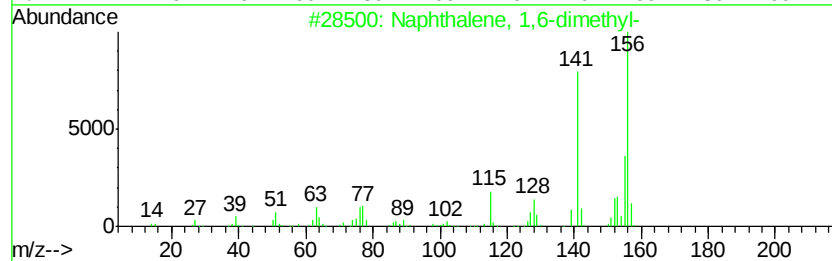
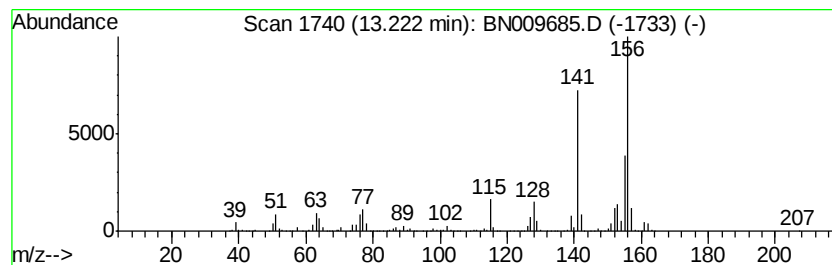
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	18.95 ng/ul	2596800	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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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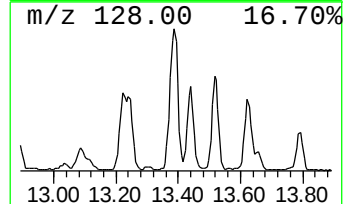
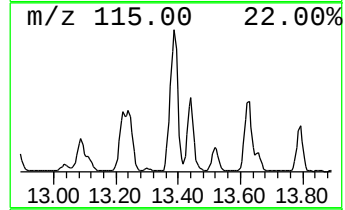
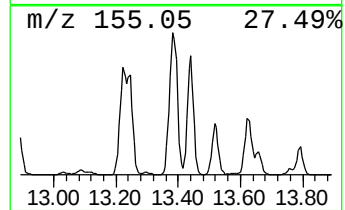
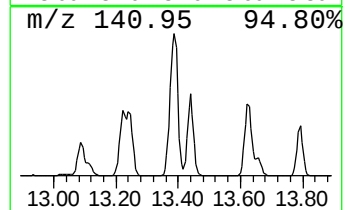
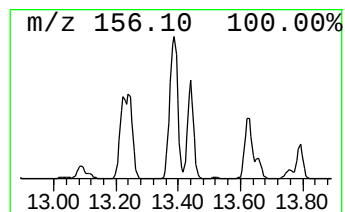
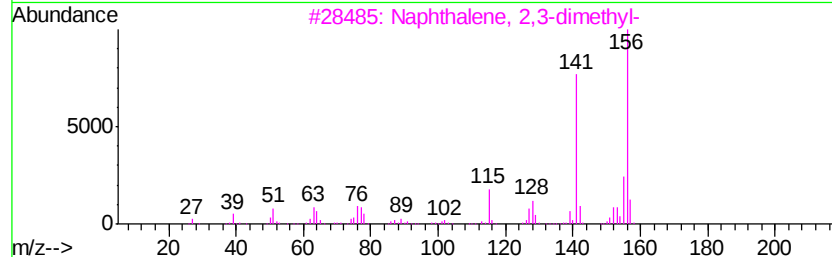
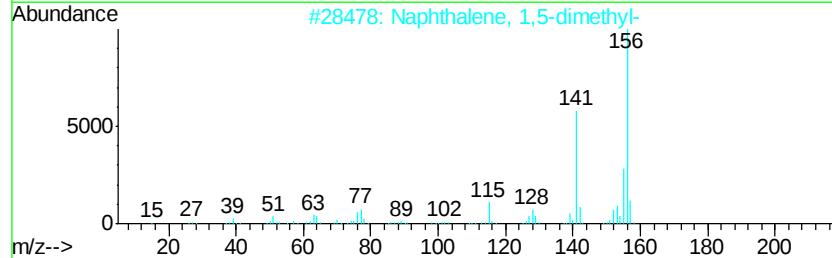
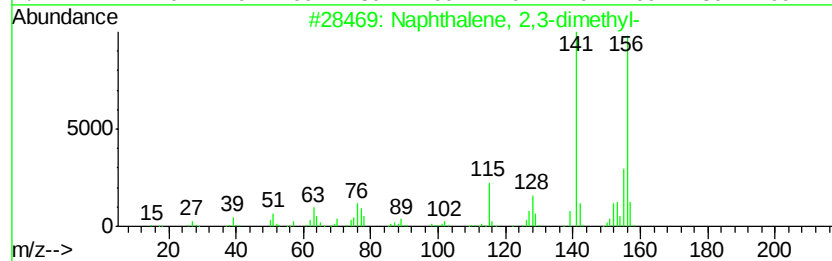
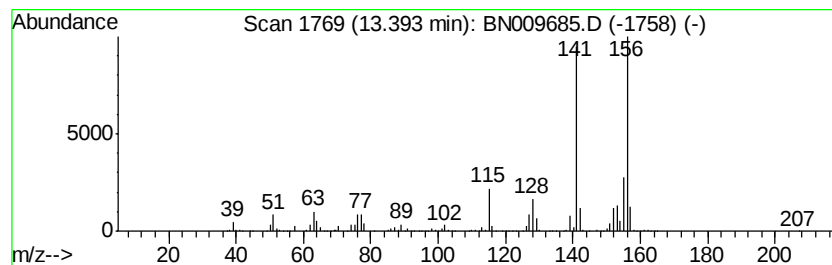
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	38.76 ng/ul	5310440	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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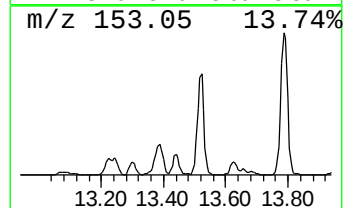
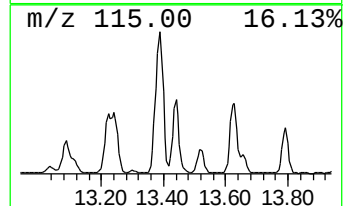
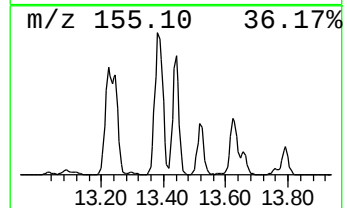
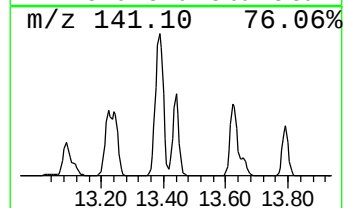
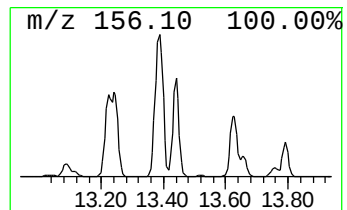
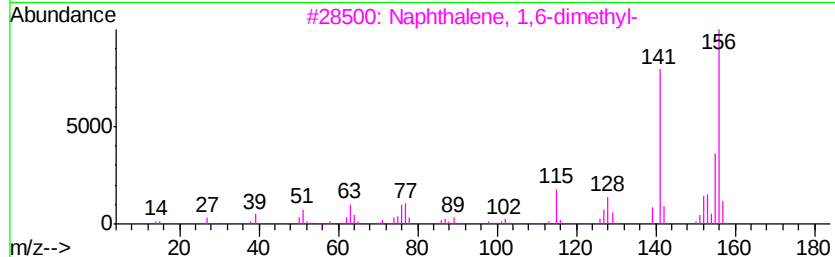
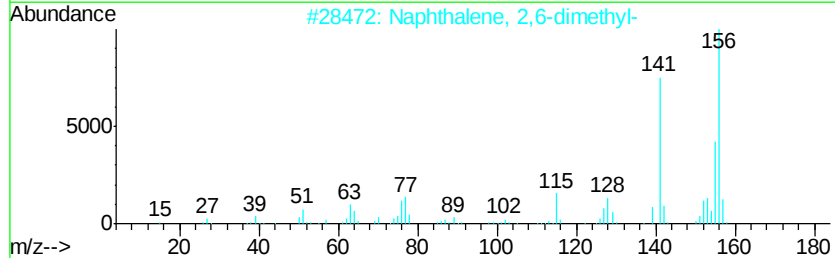
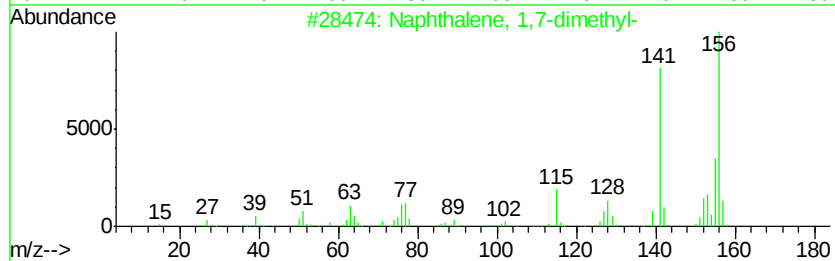
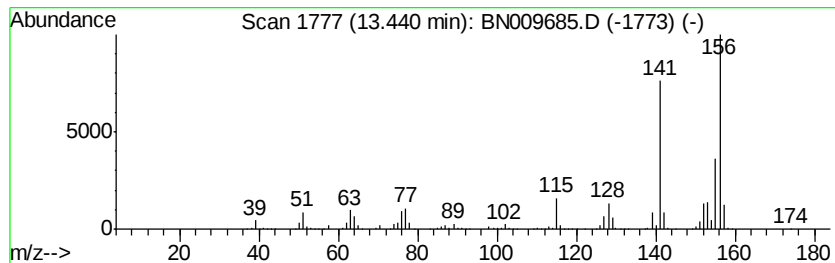
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	19.88 ng/ul	2723080	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

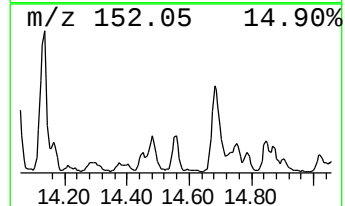
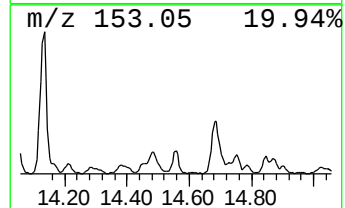
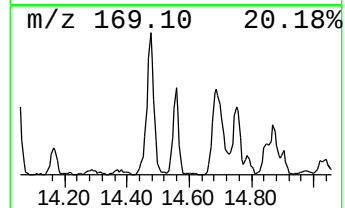
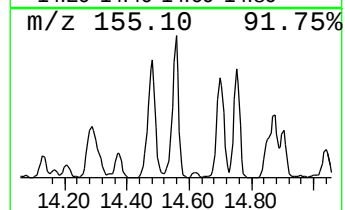
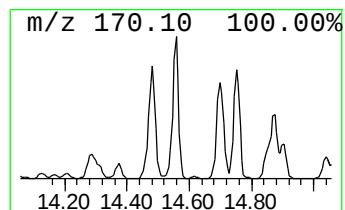
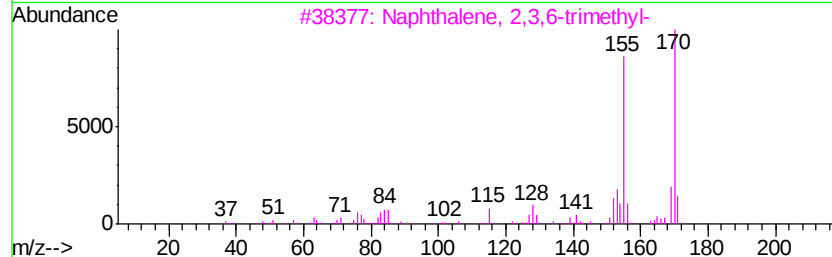
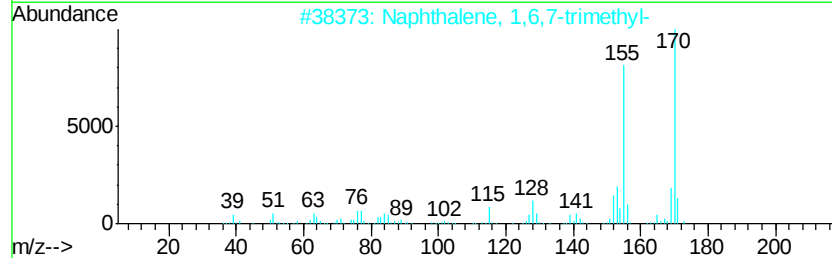
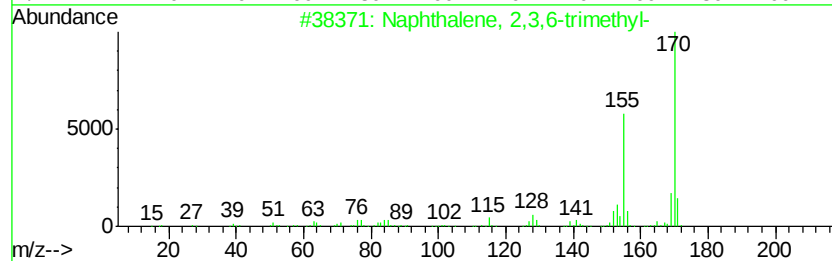
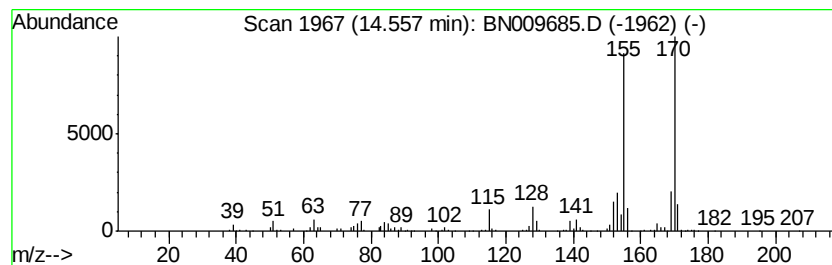
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.30 ng/ul	862797	Acenaphthene-d10	14.07

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

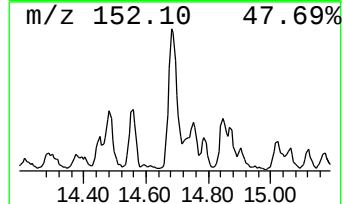
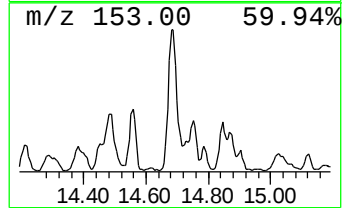
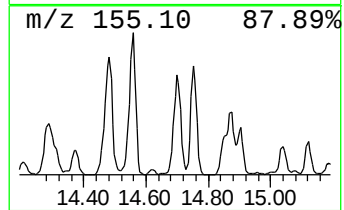
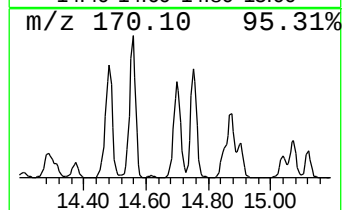
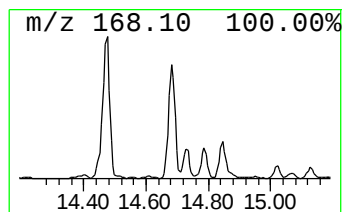
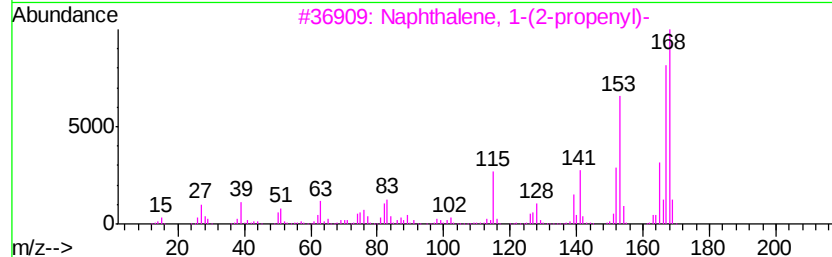
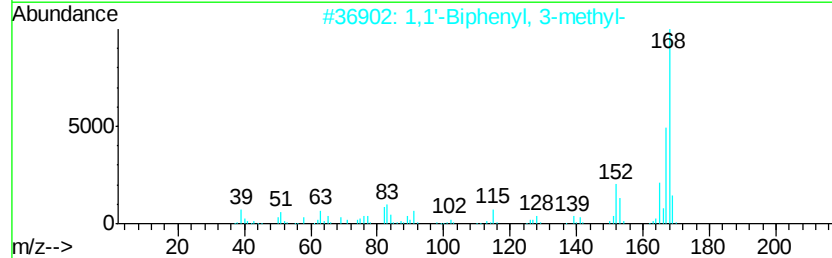
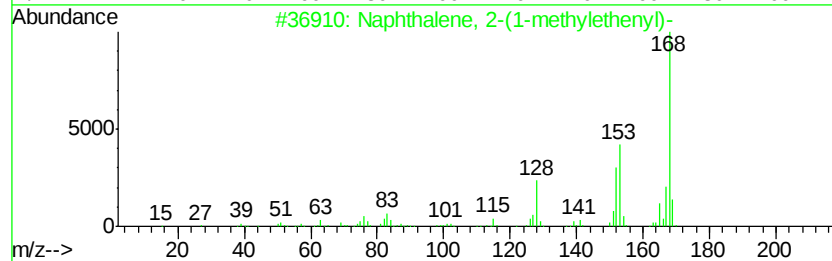
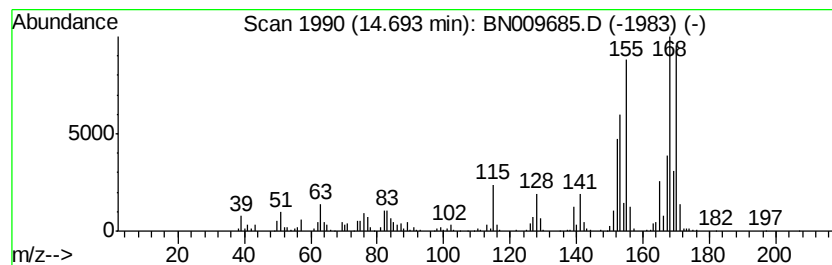
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	13.77 ng/ul	1886650	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenvl)-	168	C13H12	003710-23-4	52
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
3		Naphthalene, 1-(2-propenvl)-	168	C13H12	002489-86-3	43
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

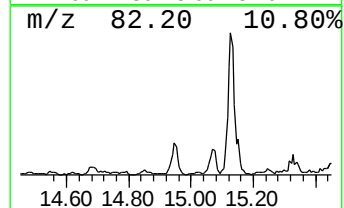
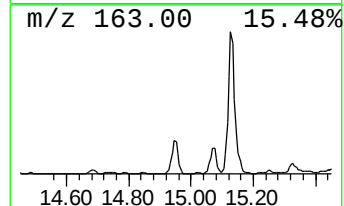
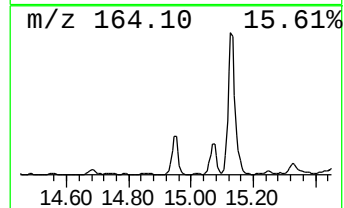
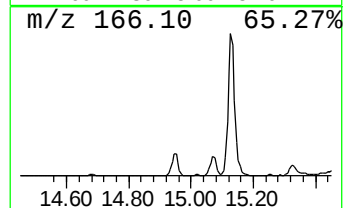
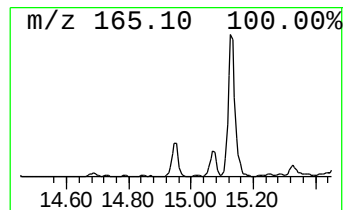
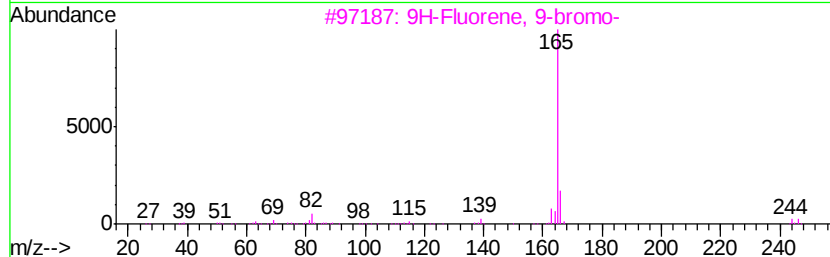
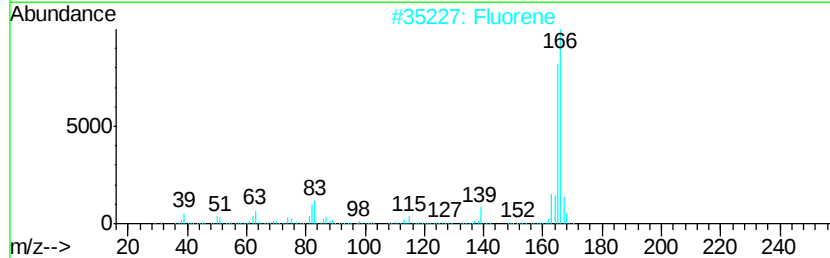
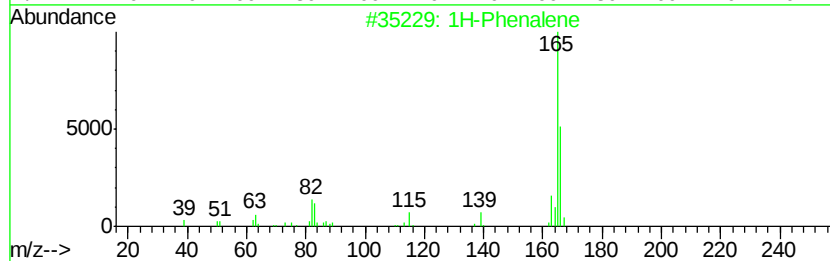
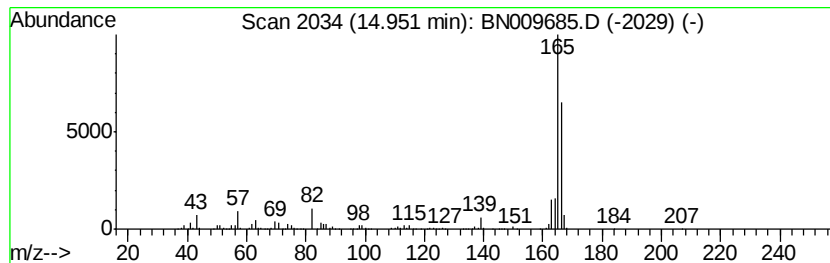
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Phenalene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	13.32 ng/ul	1825100	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	72
2		Fluorene	166	C13H10	000086-73-7	70
3		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
4		3-Trifluoromethylbenzhdyrvl chlo...	270	C14H10ClF3	067240-79-3	33
5		Fluorene	166	C13H10	000086-73-7	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

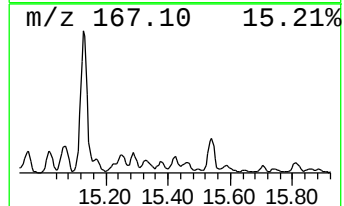
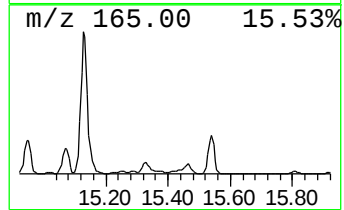
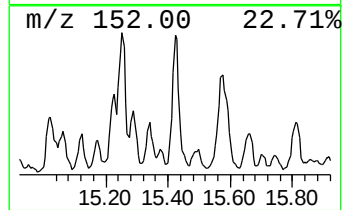
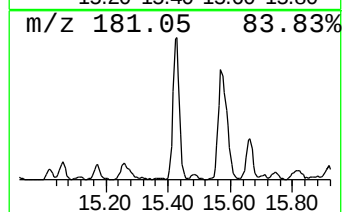
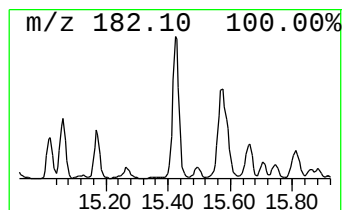
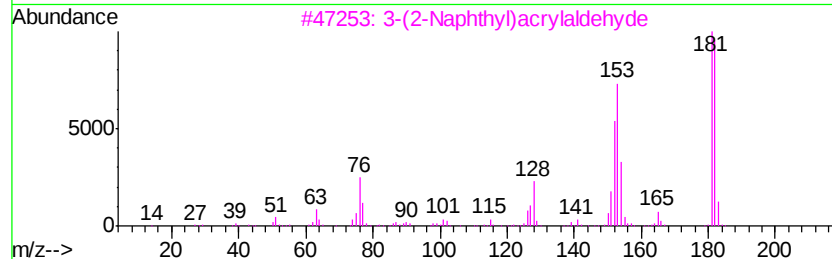
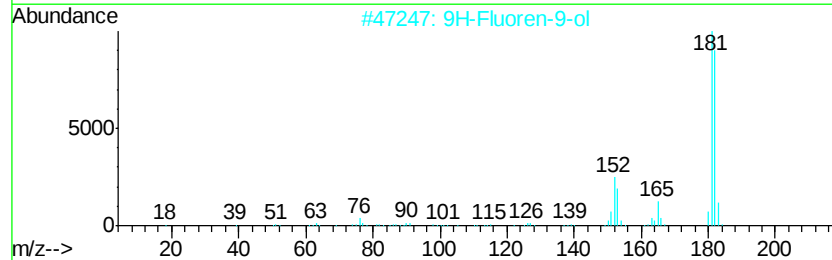
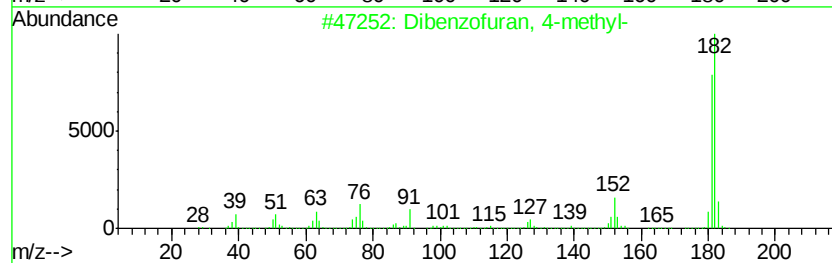
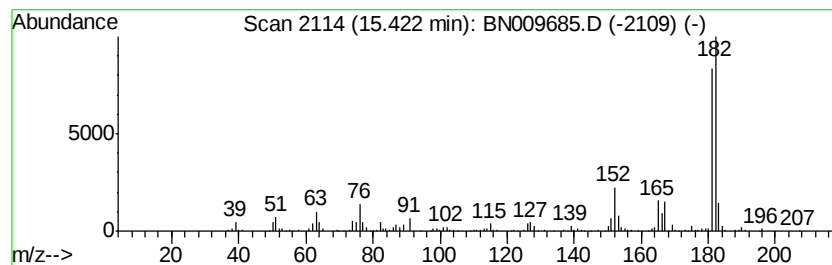
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.07 ng/ul	831164	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5			2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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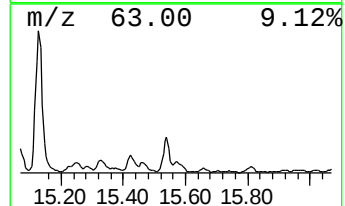
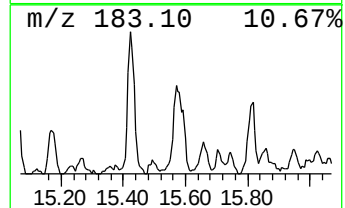
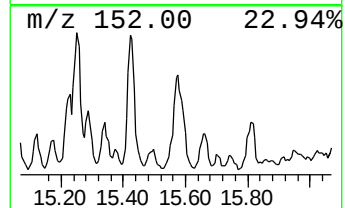
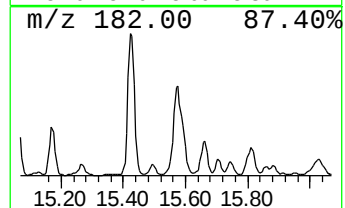
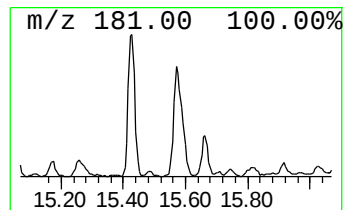
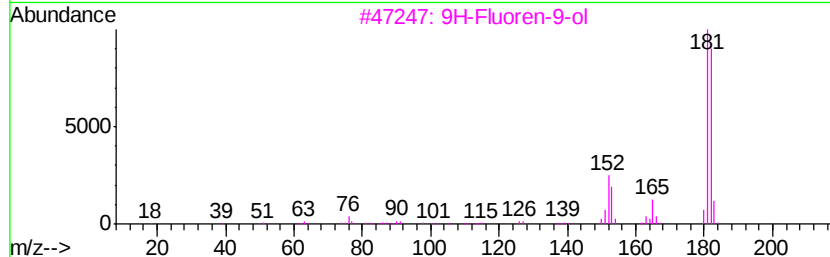
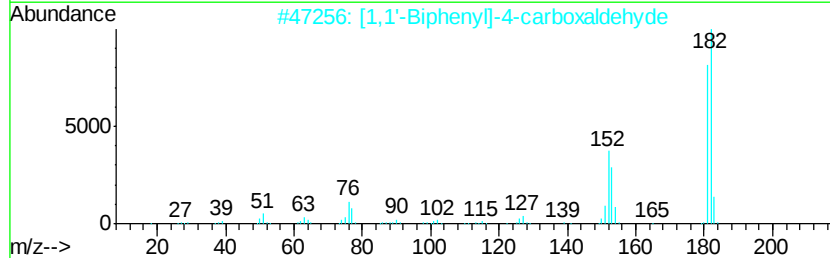
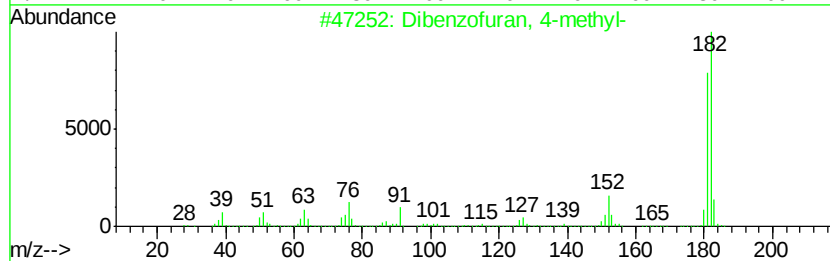
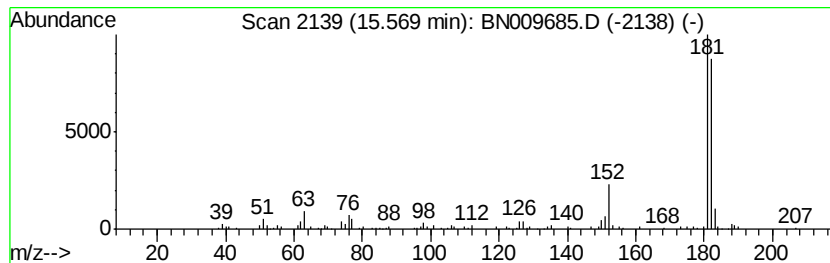
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	6.79 ng/ul	613992	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
4			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
5			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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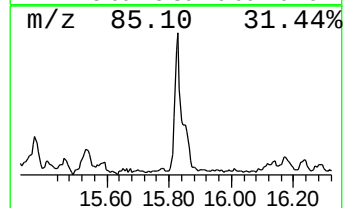
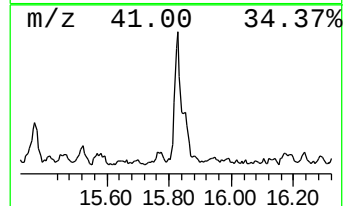
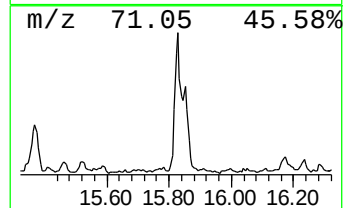
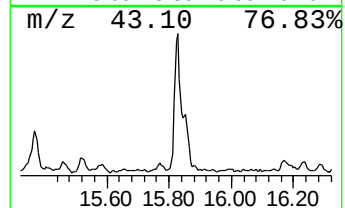
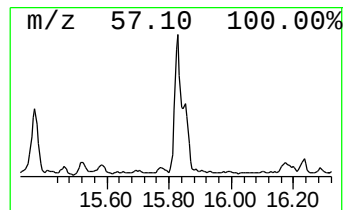
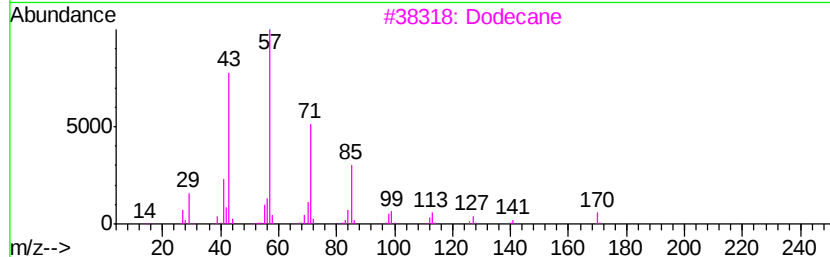
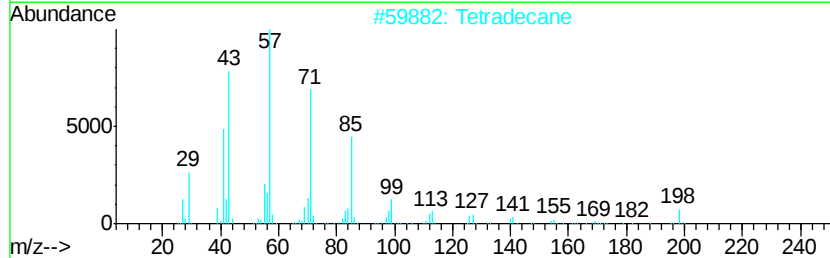
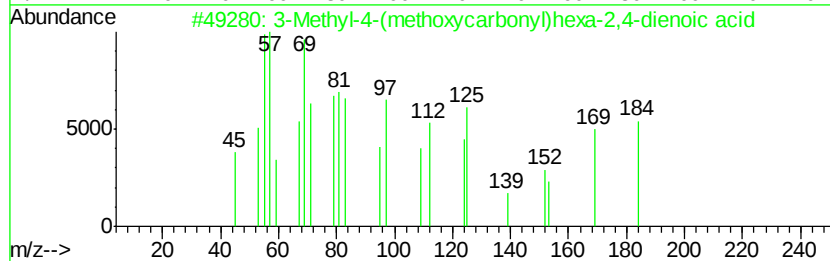
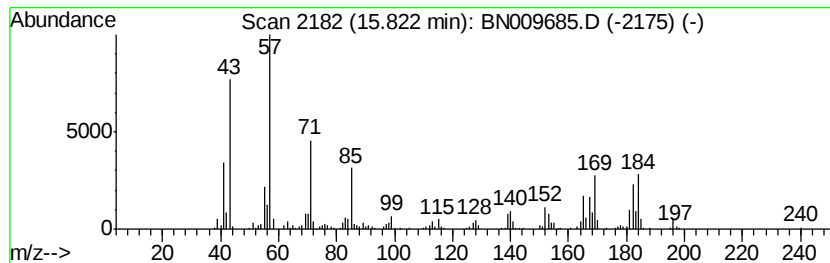
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 3-Methyl-4-(methoxycarbonyl... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	8.17 ng/ul	739275	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	70
2			Tetradecane	198	C14H30	000629-59-4	47
3			Dodecane	170	C12H26	000112-40-3	42
4			Dodecane	170	C12H26	000112-40-3	38
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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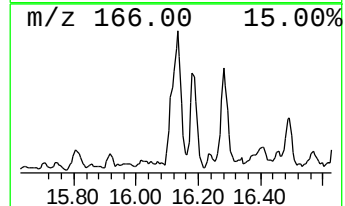
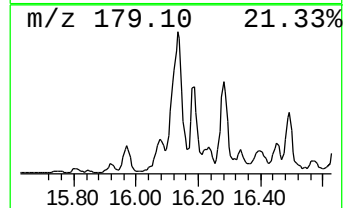
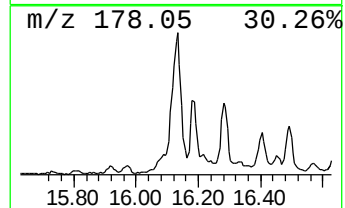
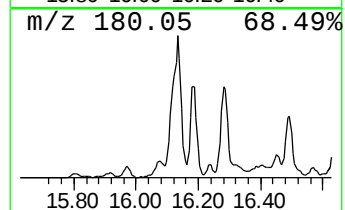
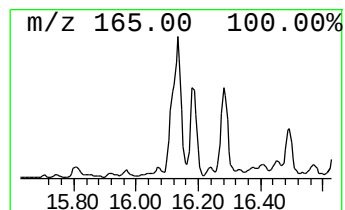
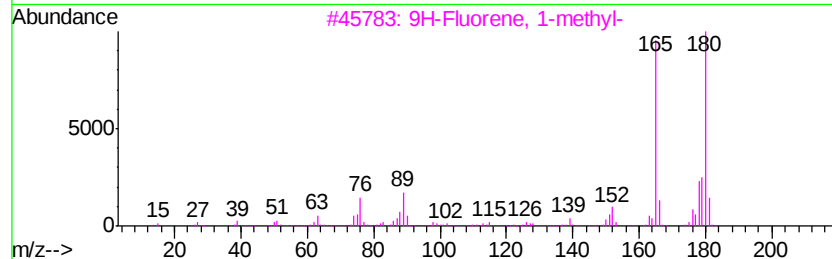
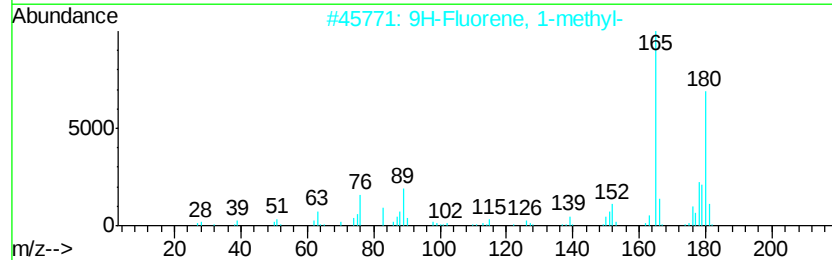
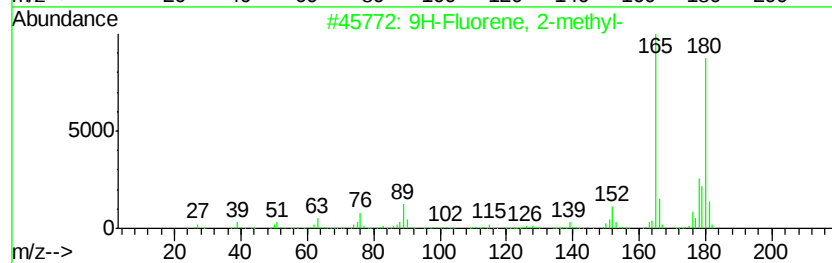
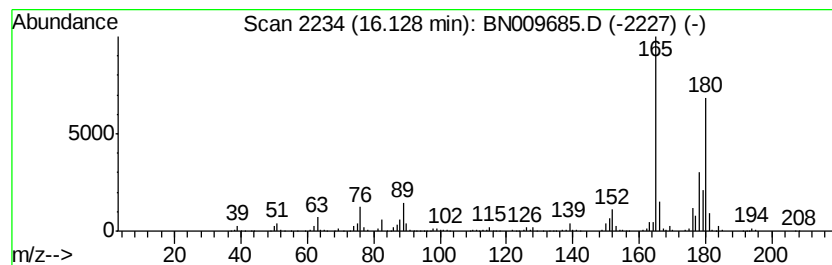
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	23.63 ng/ul	2138600	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

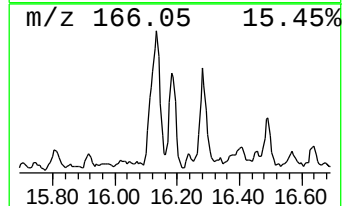
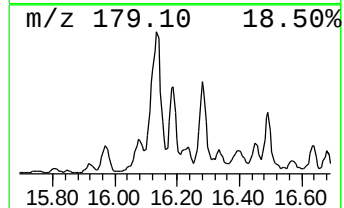
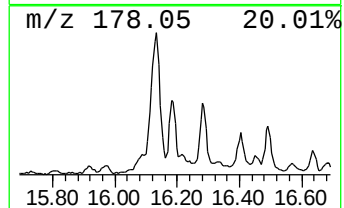
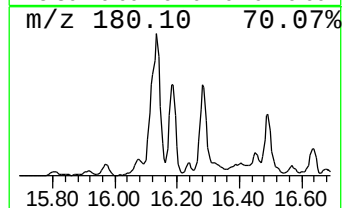
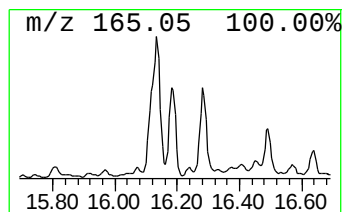
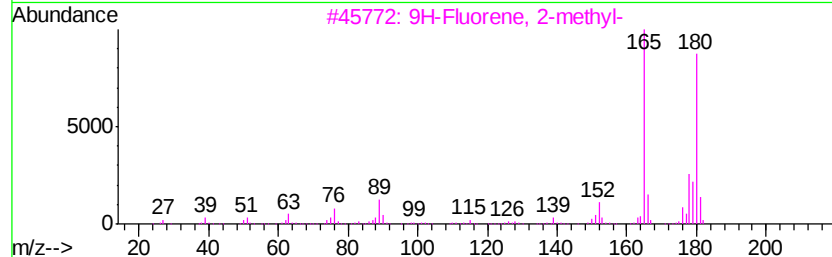
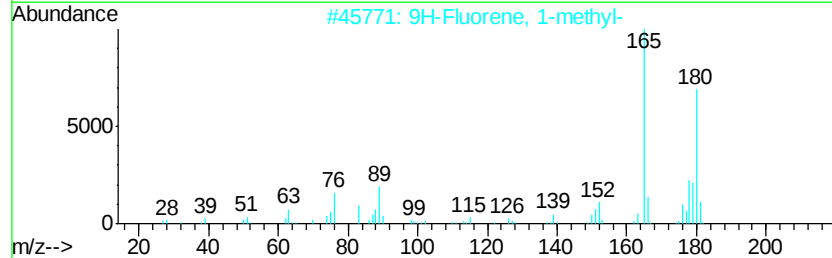
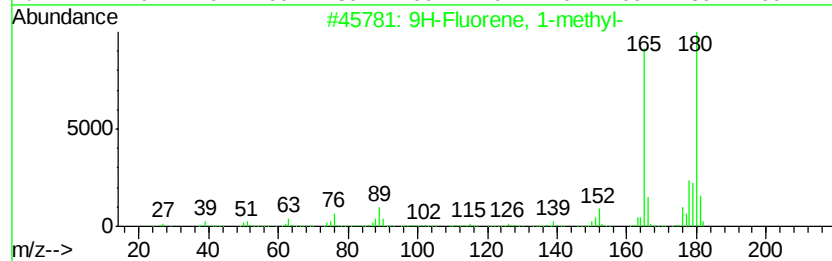
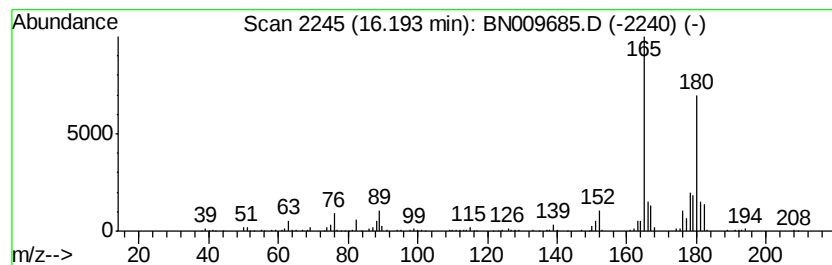
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9H-Fluorene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	10.92 ng/ul	988603	Phenanthrene-d10	16.83

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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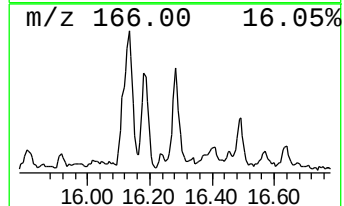
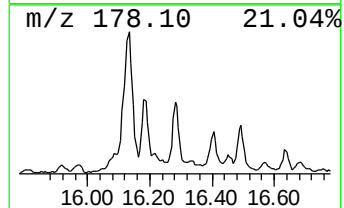
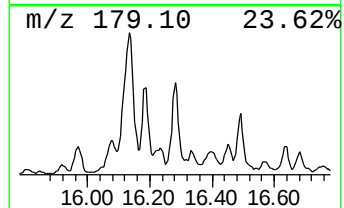
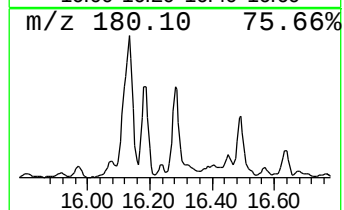
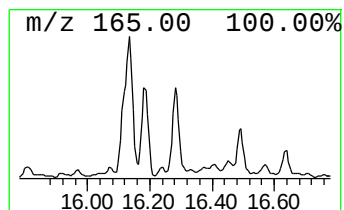
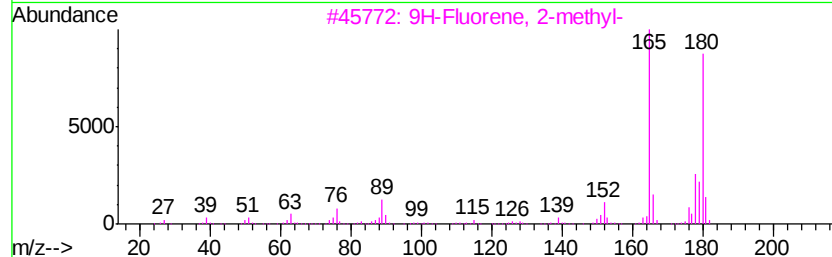
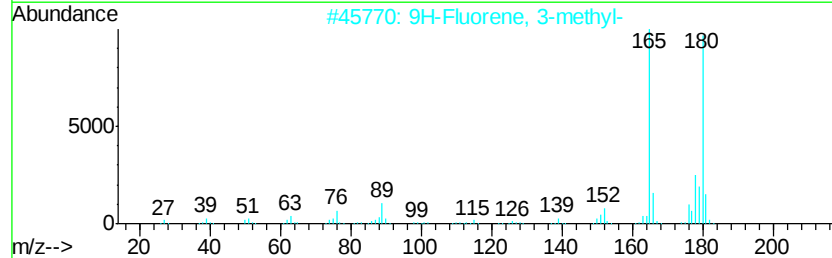
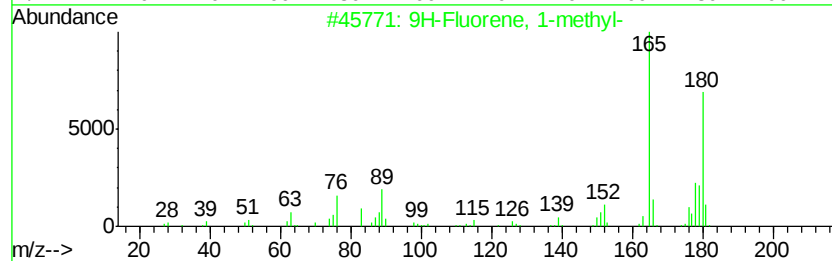
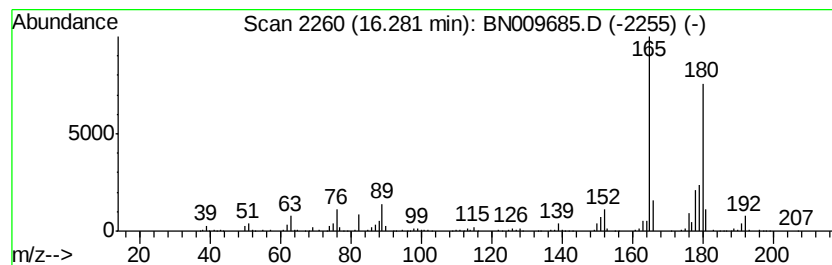
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9H-Fluorene, 9-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	10.79 ng/ul	976335	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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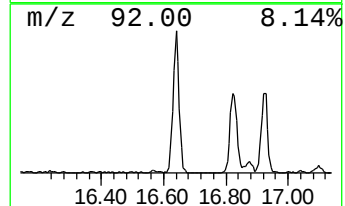
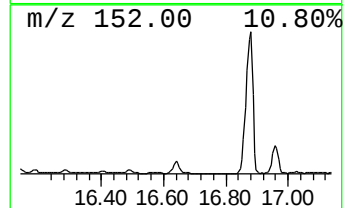
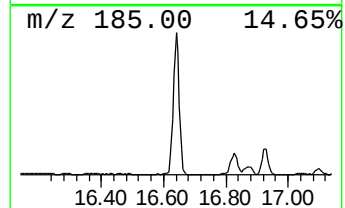
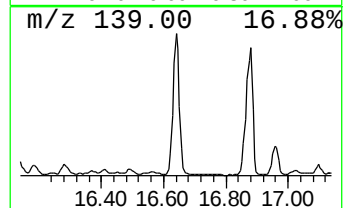
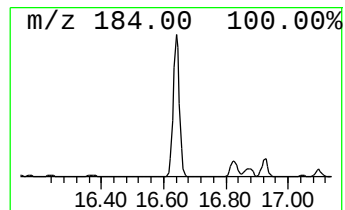
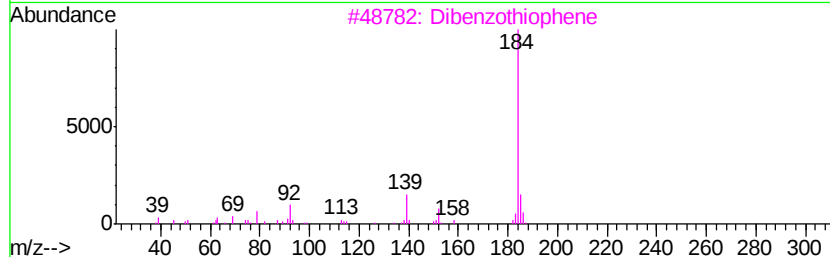
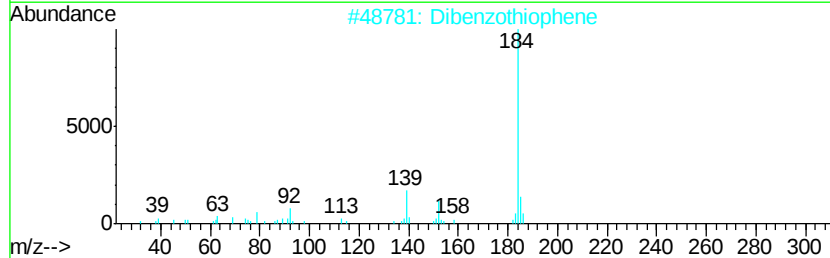
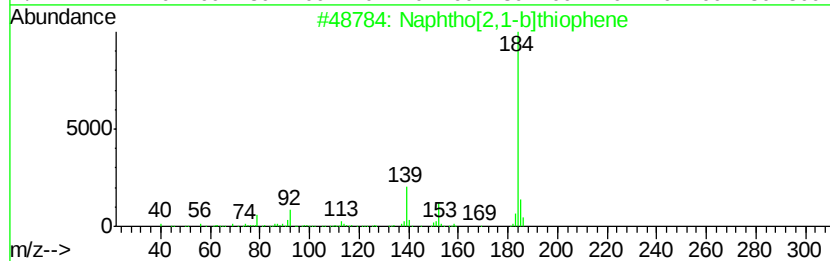
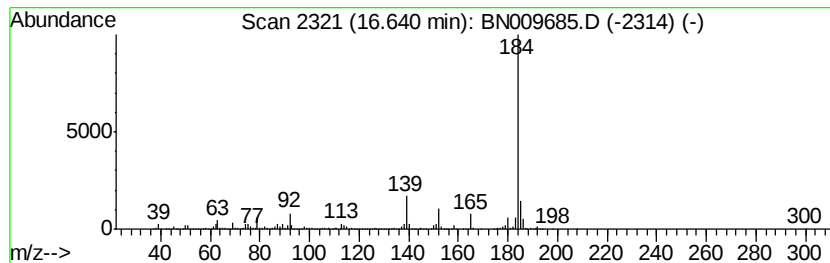
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	30.24 ng/ul	2736490	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	94
5		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
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Instrument :
BNA_N
ClientSampleId :
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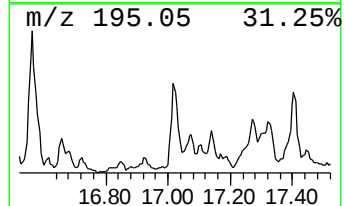
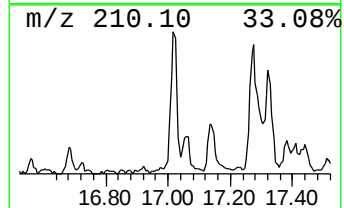
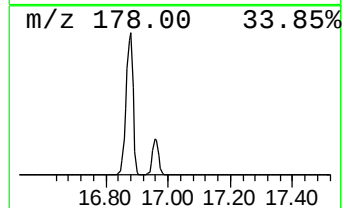
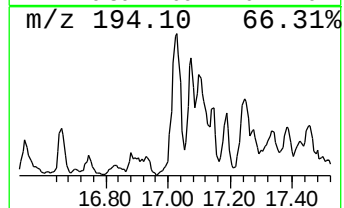
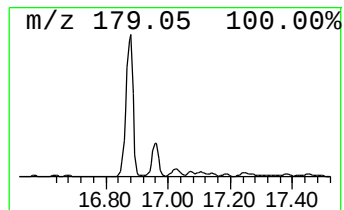
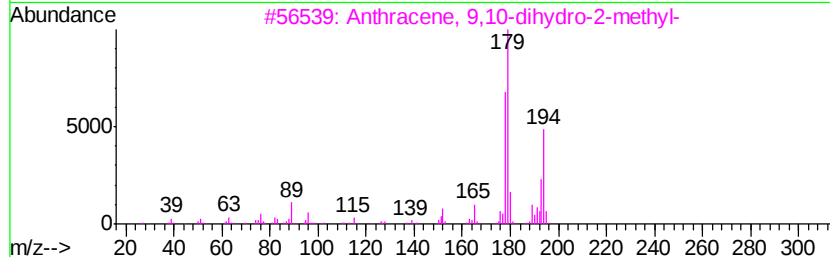
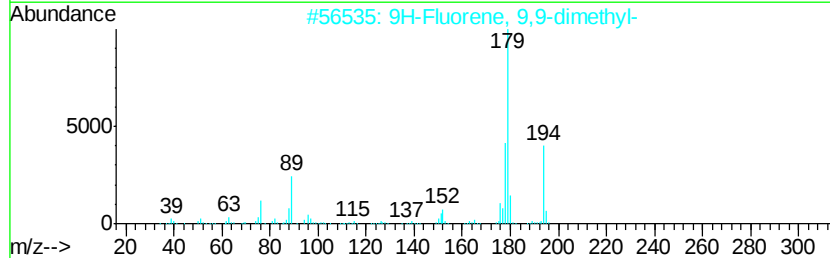
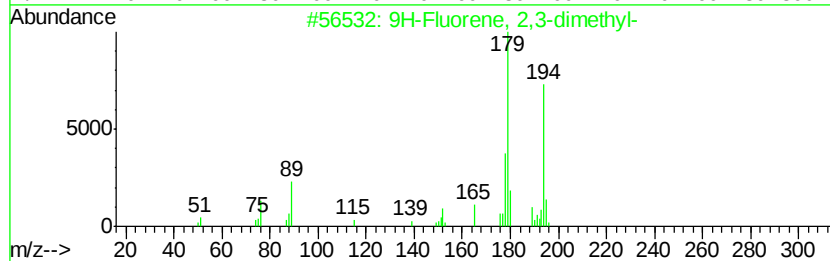
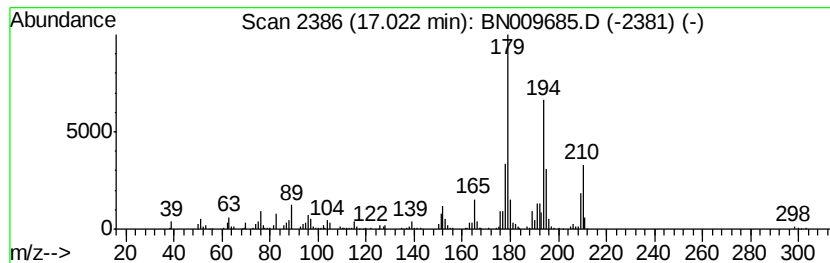
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluorene, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	7.36 ng/ul	665582	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	70
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
3		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	60
4		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	52
5		.alpha.-Methylstilbene	194	C15H14	000779-51-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
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Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
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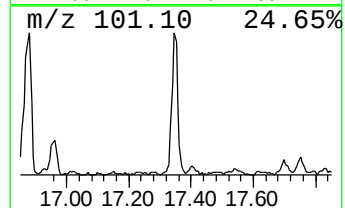
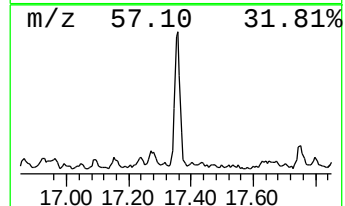
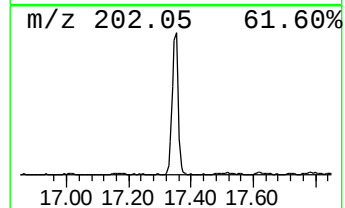
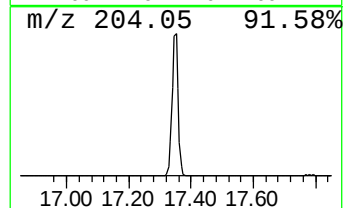
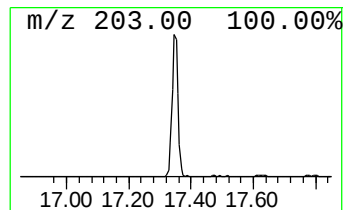
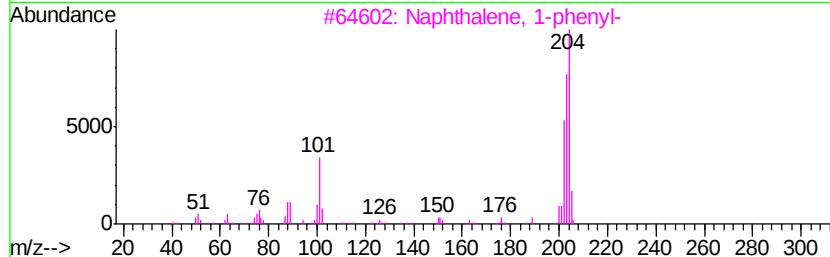
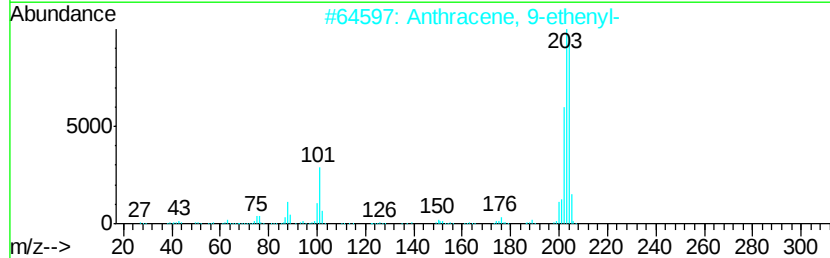
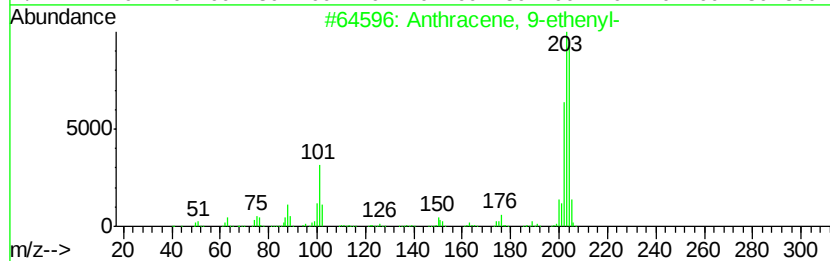
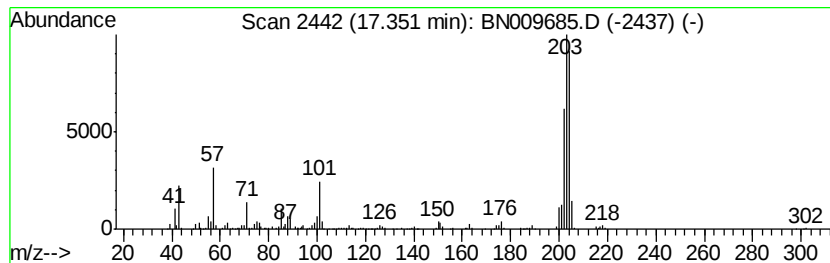
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Anthracene, 9-ethenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	9.34 ng/ul	845043	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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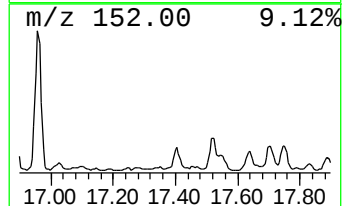
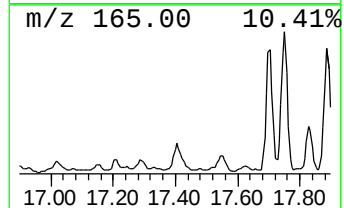
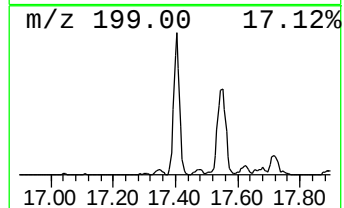
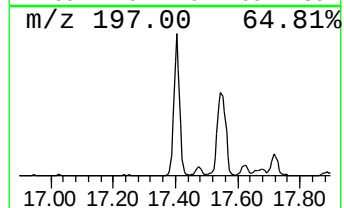
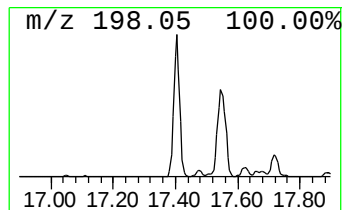
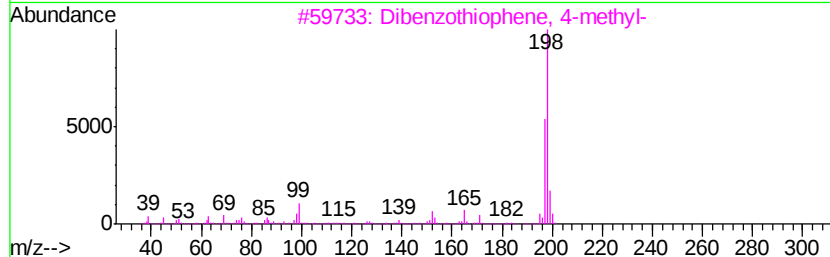
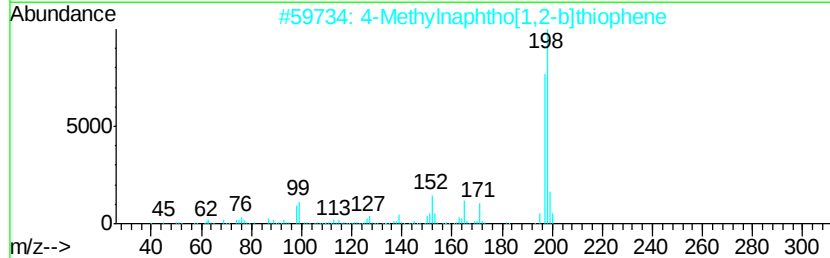
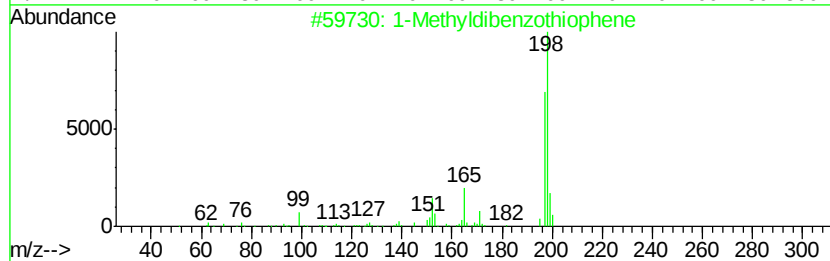
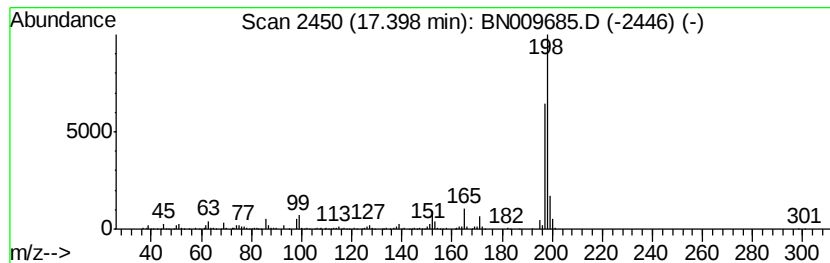
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1-Methyldibenzothiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	13.34 ng/ul	1207110	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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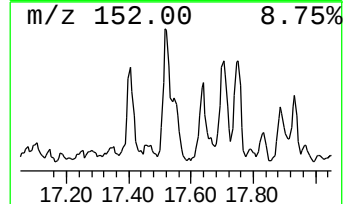
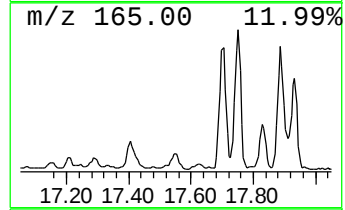
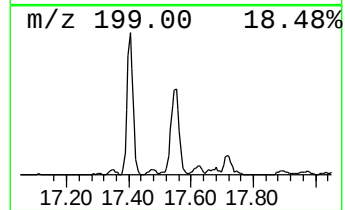
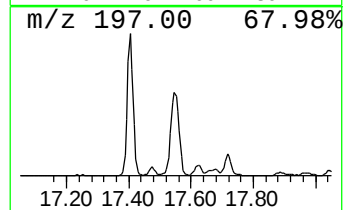
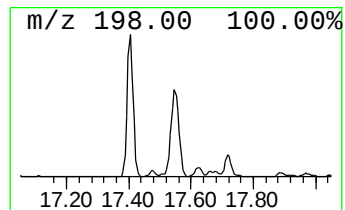
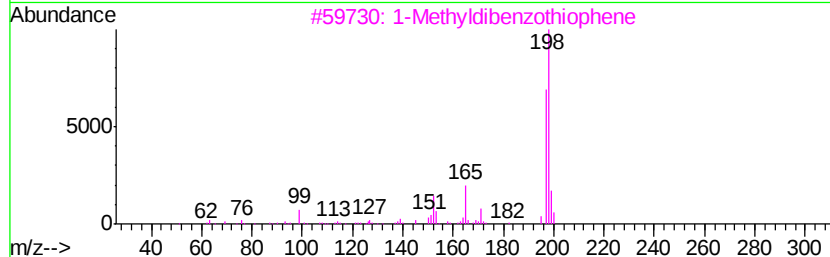
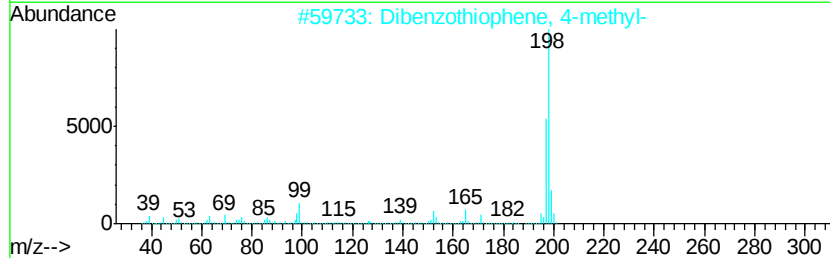
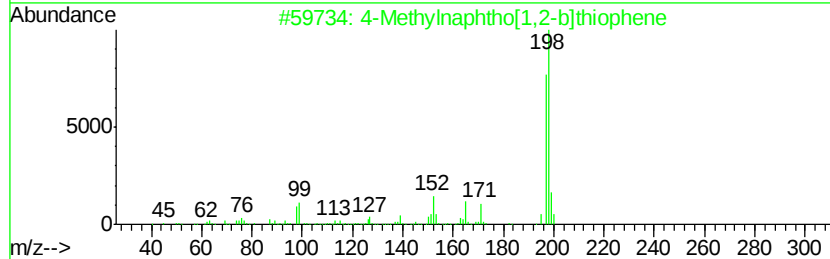
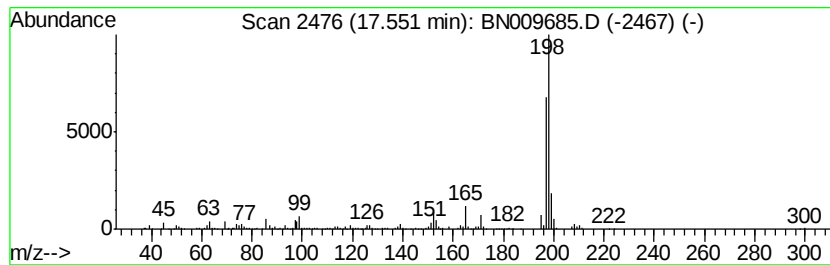
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	12.46 ng/ul	1127720	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
3		1-Methyl dibenzothiophene	198	C13H10S	031317-07-4	93
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

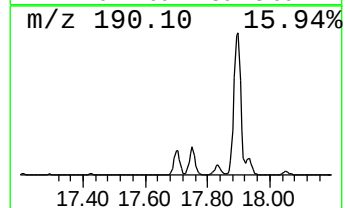
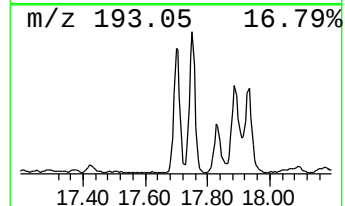
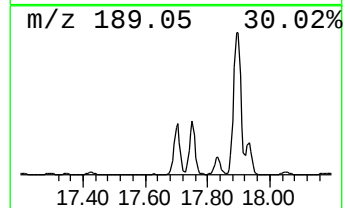
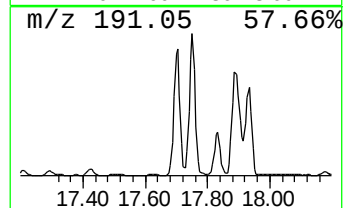
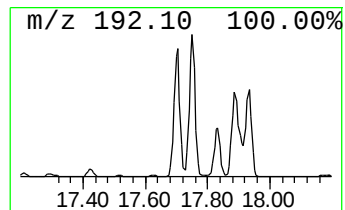
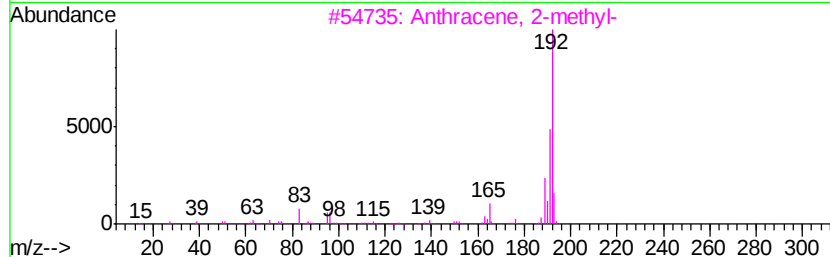
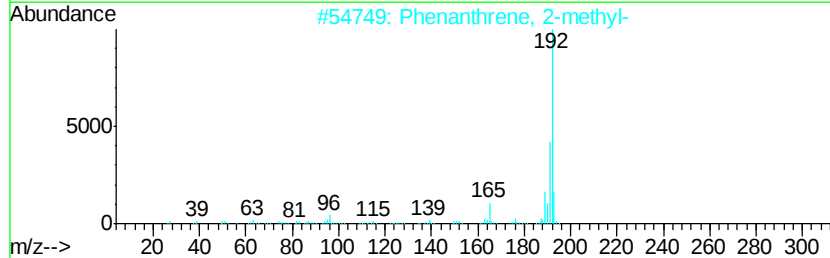
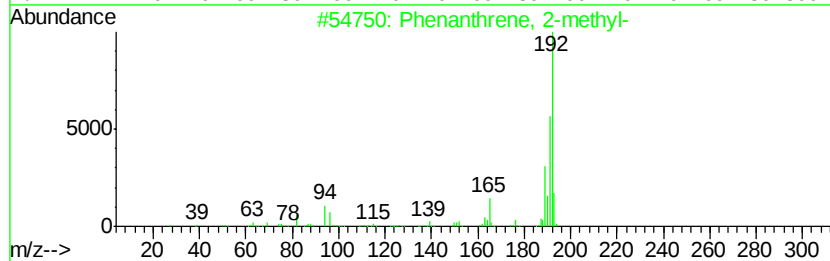
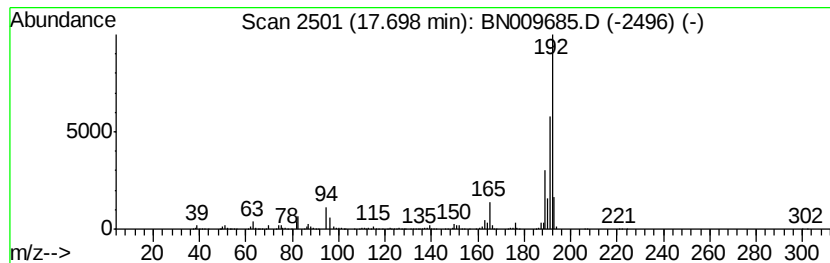
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	51.55 ng/ul	4664960	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	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

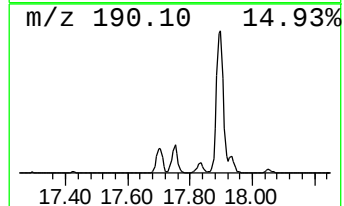
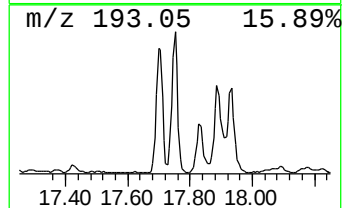
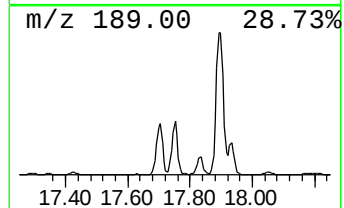
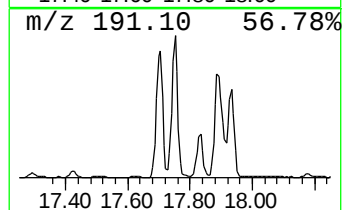
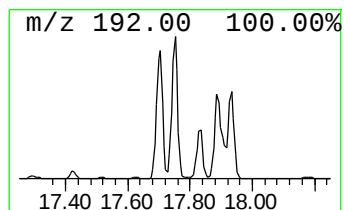
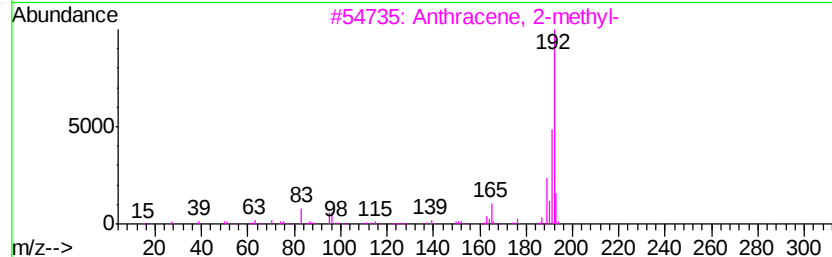
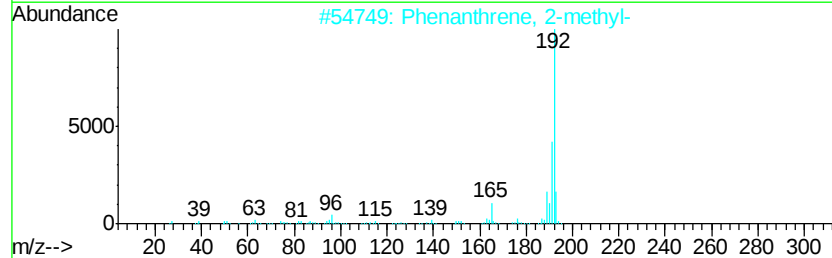
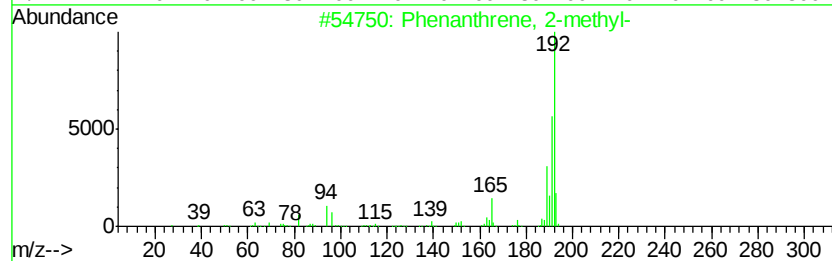
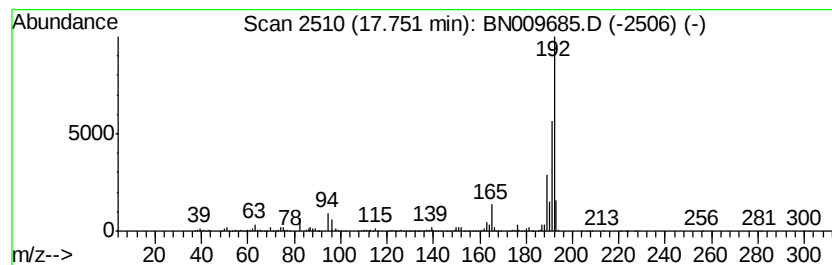
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	53.26 ng/ul	4819690	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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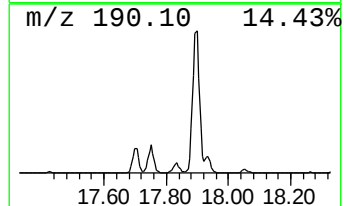
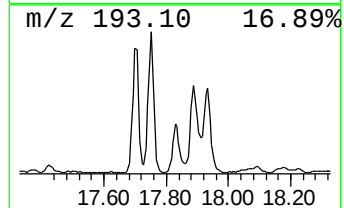
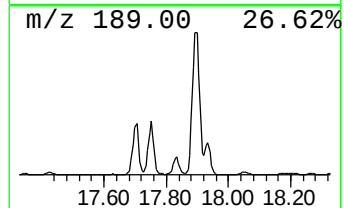
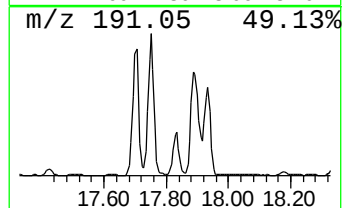
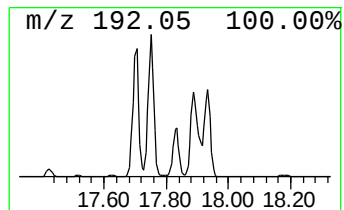
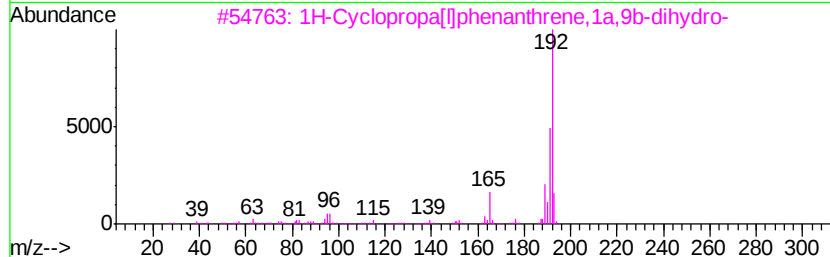
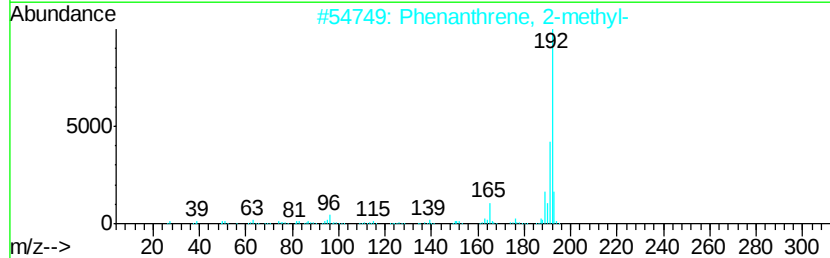
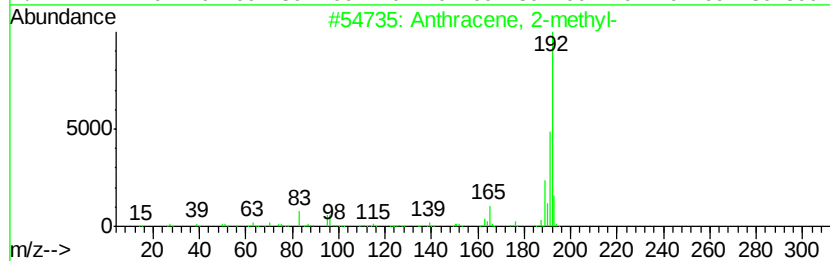
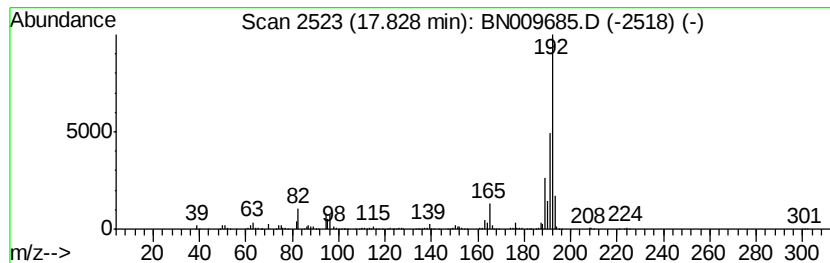
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	17.91 ng/ul	1620810	Phenanthrene-d10	16.83

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
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Acq On : 10 Feb 2020 15:00
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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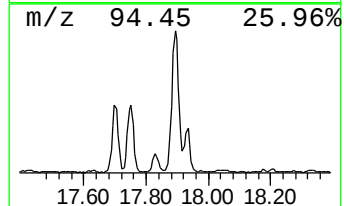
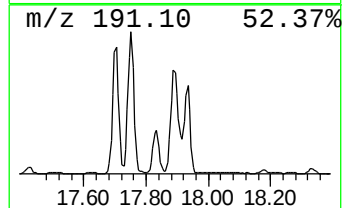
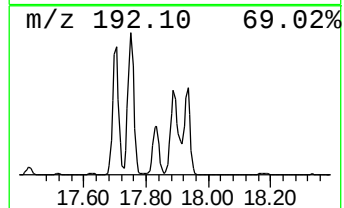
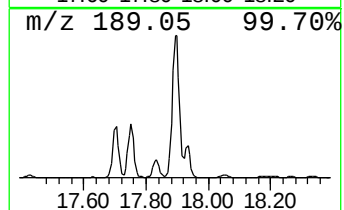
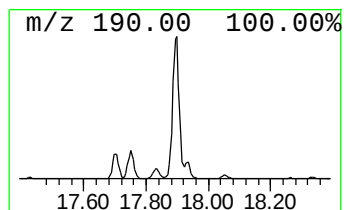
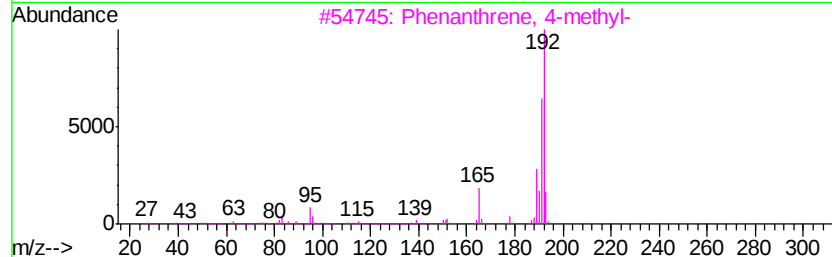
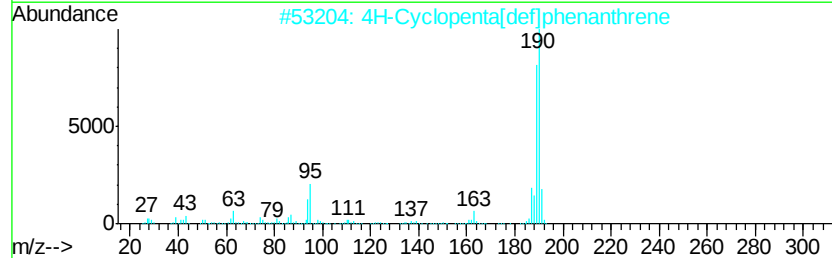
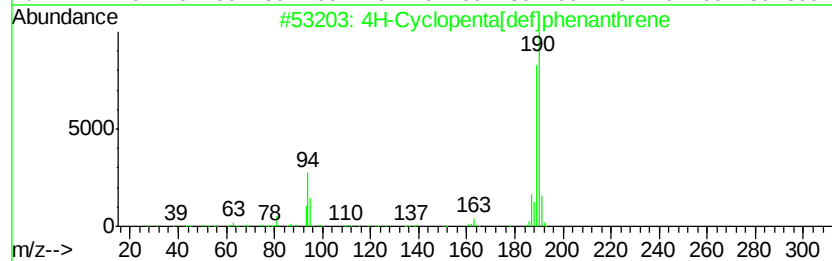
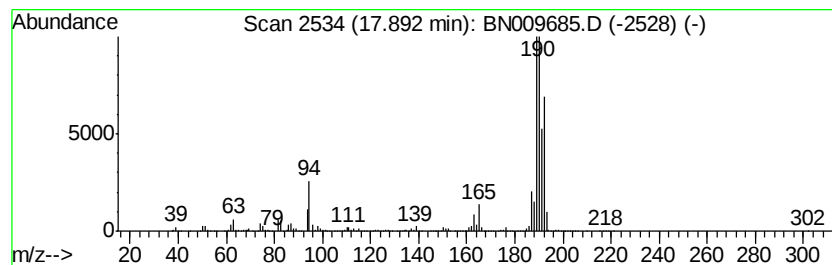
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	84.14 ng/ul	7614080	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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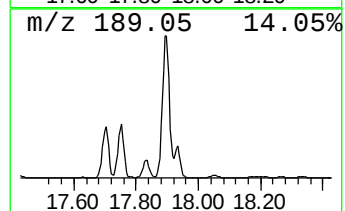
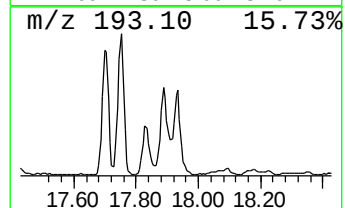
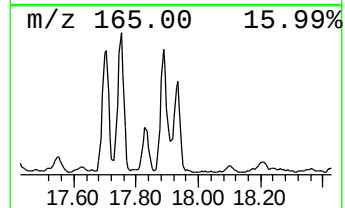
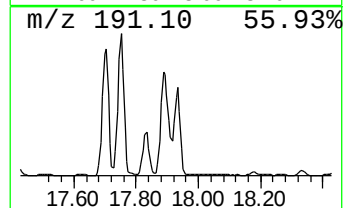
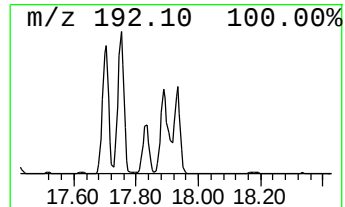
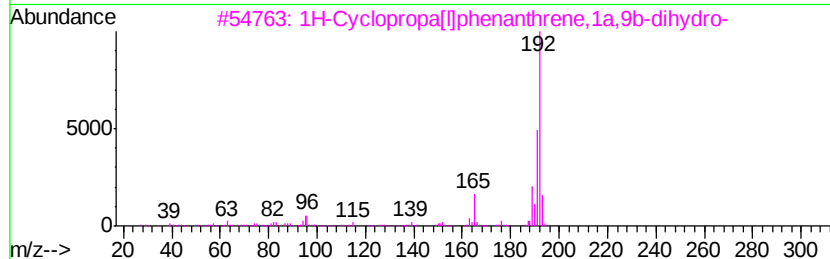
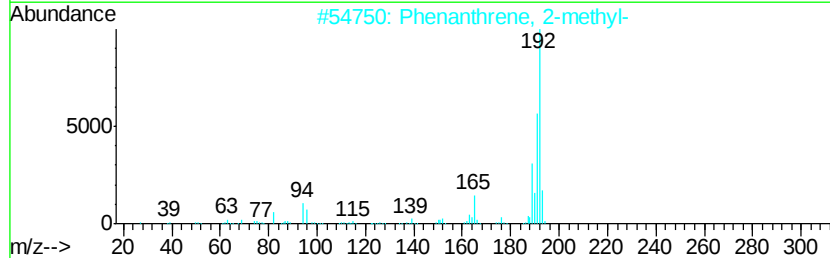
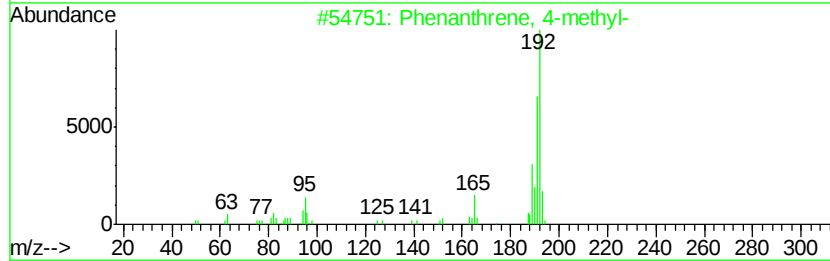
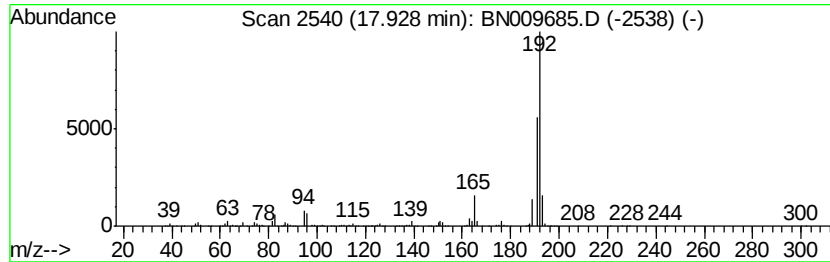
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	31.85 ng/ul	2882560	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

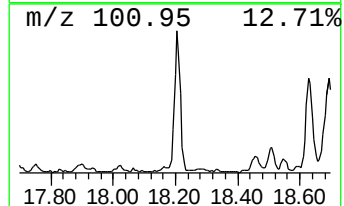
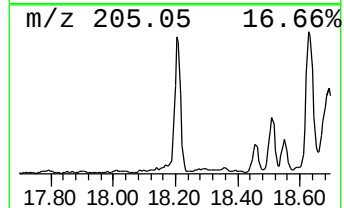
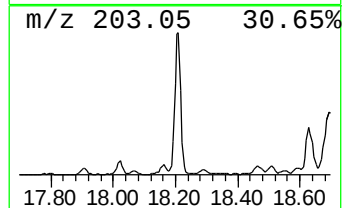
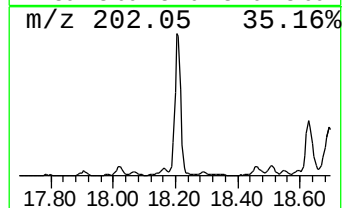
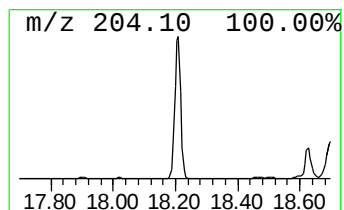
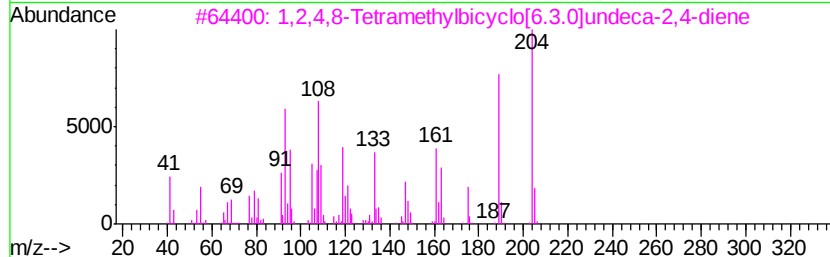
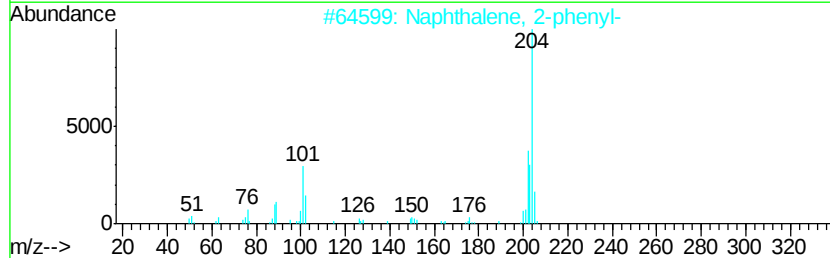
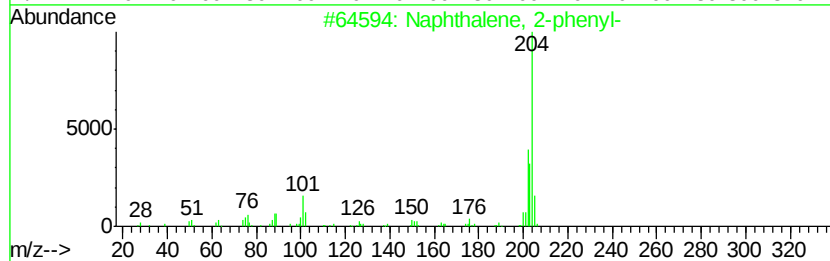
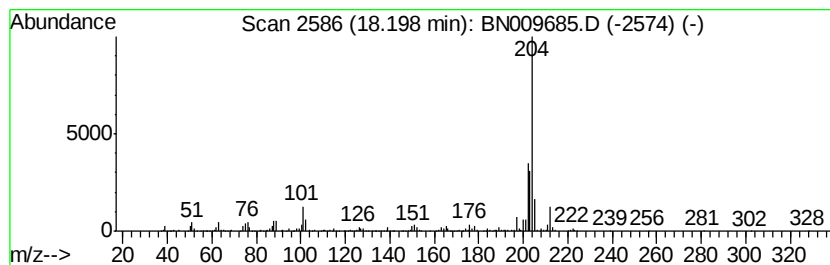
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	30.00 ng/ul	2714460	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	89
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
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Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71ME

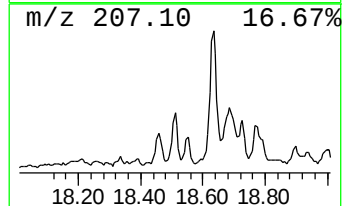
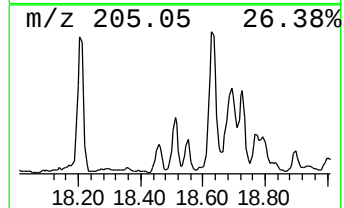
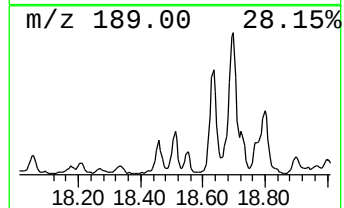
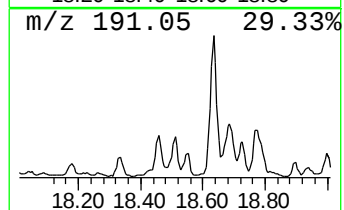
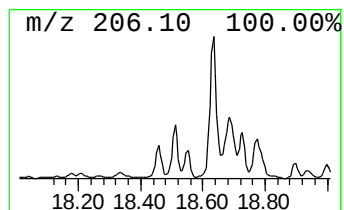
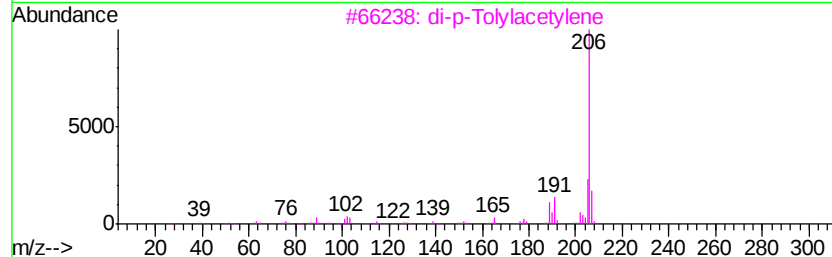
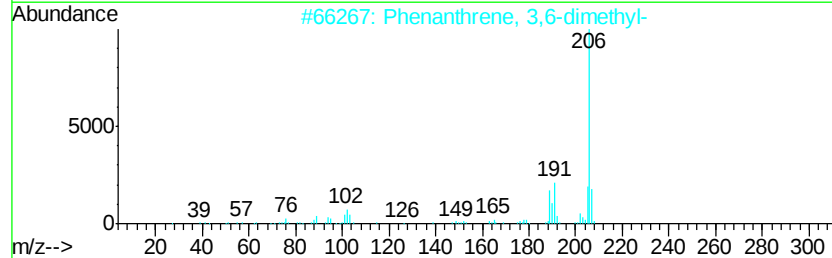
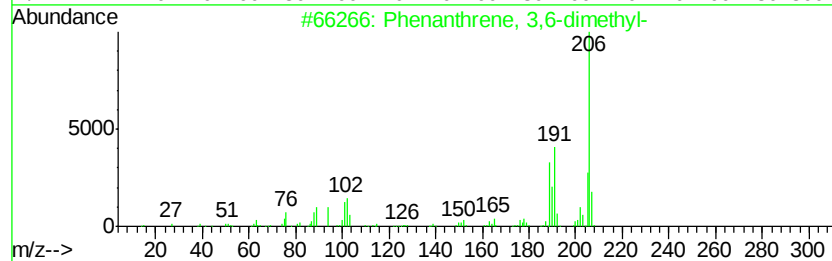
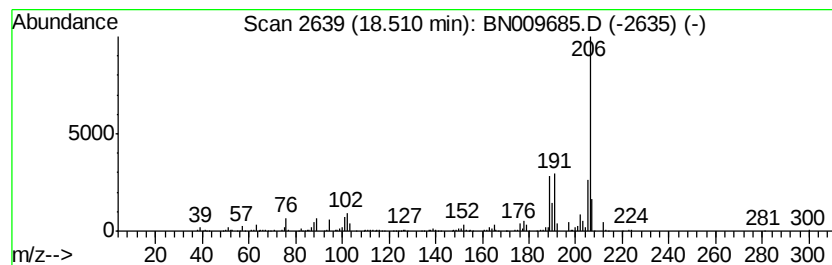
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Phenanthrene, 3,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	7.75 ng/ul	701047	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\
 Data File : BN009685.D
 Acq On : 10 Feb 2020 15:00
 Operator : CG/JU
 Sample : L1324-16ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT71ME

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
Benzene, 1-etheny...	7.09	48.3	ng/ul	2266120	1	7.43	938125	20.0
Benzene, 1-propynyl-	7.95	155.5	ng/ul	7292260	1	7.43	938125	20.0
1H-Indene, 1-methyl-	9.62	27.8	ng/ul	2148010	2	10.18	1542950	20.0
Benzene,1-methyl-...	9.69	18.5	ng/ul	1424210	2	10.18	1542950	20.0
1H-Inden-1-one, 2...	11.58	8.5	ng/ul	656337	2	10.18	1542950	20.0
Naphthalene, 1-me...	12.08	162.4	ng/ul	12525400	2	10.18	1542950	20.0
Naphthalene, 1,6-...	13.22	18.9	ng/ul	2596800	3	14.07	2740200	20.0
Naphthalene, 2,3-...	13.39	38.8	ng/ul	5310440	3	14.07	2740200	20.0
Naphthalene, 1,7-...	13.44	19.9	ng/ul	2723080	3	14.07	2740200	20.0
Naphthalene, 2,3,...	14.56	6.3	ng/ul	862797	3	14.07	2740200	20.0
Naphthalene, 2-(1...	14.69	13.8	ng/ul	1886650	3	14.07	2740200	20.0
1H-Phenalene	14.95	13.3	ng/ul	1825100	3	14.07	2740200	20.0
Dibenzofuran, 4-m...	15.42	6.1	ng/ul	831164	3	14.07	2740200	20.0
[1,1'-Biphenyl]-4...	15.57	6.8	ng/ul	613992	4	16.83	1809820	20.0
3-Methyl-4-(metho...	15.82	8.2	ng/ul	739275	4	16.83	1809820	20.0
9H-Fluorene, 2-me...	16.13	23.6	ng/ul	2138600	4	16.83	1809820	20.0
9H-Fluorene, 1-me...	16.19	10.9	ng/ul	988603	4	16.83	1809820	20.0
9H-Fluorene, 9-me...	16.28	10.8	ng/ul	976335	4	16.83	1809820	20.0
Naphtho[2,1-b]thi...	16.64	30.2	ng/ul	2736490	4	16.83	1809820	20.0
9H-Fluorene, 2,3-...	17.02	7.4	ng/ul	665582	4	16.83	1809820	20.0
Anthracene, 9-eth...	17.35	9.3	ng/ul	845043	4	16.83	1809820	20.0
1-Methyldibenzoth...	17.40	13.3	ng/ul	1207110	4	16.83	1809820	20.0
4-Methylnaphtho[1...	17.55	12.5	ng/ul	1127720	4	16.83	1809820	20.0
Phenanthrene, 2-m...	17.70	51.5	ng/ul	4664960	4	16.83	1809820	20.0
Phenanthrene, 1-m...	17.75	53.3	ng/ul	4819690	4	16.83	1809820	20.0
Anthracene, 2-met...	17.83	17.9	ng/ul	1620810	4	16.83	1809820	20.0
4H-Cyclopenta[def...	17.89	84.1	ng/ul	7614080	4	16.83	1809820	20.0
Phenanthrene, 4-m...	17.93	31.9	ng/ul	2882560	4	16.83	1809820	20.0
Naphthalene, 2-ph...	18.20	30.0	ng/ul	2714460	4	16.83	1809820	20.0
Phenanthrene, 3,6...	18.51	7.8	ng/ul	701047	4	16.83	1809820	20.0