

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005238.D
 Acq On : 24 Apr 2019 05:25
 Operator : JU/SJ
 Sample : K2455-06 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.258	719	726	735	rBV2	1479739	2576611	6.75%	0.941%
2	7.346	735	741	751	rVB	299866	453109	1.19%	0.166%
3	7.599	777	784	790	rBV	2209122	3434871	9.00%	1.255%
4	8.128	863	874	882	rVV2	515747	980093	2.57%	0.358%
5	8.693	964	970	974	rBV2	415075	677412	1.77%	0.248%
6	8.857	994	998	1007	rVB	494732	953410	2.50%	0.348%
7	9.269	1062	1068	1075	rVB	410074	677000	1.77%	0.247%
8	9.799	1148	1158	1164	rBV3	942515	2325704	6.09%	0.850%
9	9.863	1164	1169	1174	rBV	921366	1906850	5.00%	0.697%
10	9.981	1185	1189	1197	rVB3	218933	468060	1.23%	0.171%
11	10.069	1197	1204	1213	rBV3	235155	500401	1.31%	0.183%
12	10.363	1244	1254	1257	rVV	3309420	5735053	15.03%	2.095%
13	10.416	1257	1263	1271	rVB	10688021	17987259	47.13%	6.572%
14	11.298	1404	1413	1418	rBV6	173910	441056	1.16%	0.161%
15	11.404	1426	1431	1435	rBV2	368572	592195	1.55%	0.216%
16	11.551	1451	1456	1468	rVB	343195	737738	1.93%	0.270%
17	11.810	1494	1500	1507	rVV	919954	1552937	4.07%	0.567%
18	11.922	1516	1519	1528	rVB3	270395	531938	1.39%	0.194%
19	12.040	1529	1539	1547	rVB	21871465	38164596	100.00%	13.944%
20	12.257	1564	1576	1586	rBV	11026437	18242441	47.80%	6.665%
21	13.057	1706	1712	1727	rBV2	1764320	3740587	9.80%	1.367%
22	13.257	1739	1746	1760	rVB	1988623	4060163	10.64%	1.483%
23	13.392	1762	1769	1770	rBV	4720590	6524985	17.10%	2.384%
24	13.551	1787	1796	1801	rBV	5588393	10026430	26.27%	3.663%
25	13.604	1801	1805	1810	rVV	3282508	4900547	12.84%	1.791%
26	13.645	1810	1812	1814	rVV2	416230	521273	1.37%	0.190%
27	13.681	1814	1818	1824	rVV	2768026	4132951	10.83%	1.510%
28	13.787	1831	1836	1840	rVV	2559564	3946078	10.34%	1.442%
29	13.822	1840	1842	1847	rVB	667421	768011	2.01%	0.281%
30	13.951	1853	1864	1873	rVB2	4487175	7256789	19.01%	2.651%
31	14.163	1894	1900	1903	rBV	634909	851002	2.23%	0.311%
32	14.234	1903	1912	1918	rVV4	3862293	7862984	20.60%	2.873%
33	14.292	1918	1922	1925	rVV2	762132	1151651	3.02%	0.421%
34	14.328	1925	1928	1932	rVV	762138	950992	2.49%	0.347%

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

35	14.445	1942	1948	1957	rVB	804936	1807705	4.74%	0.660%
36	14.639	1971	1981	1988	rBV3	1253265	2626914	6.88%	0.960%
37	14.716	1988	1994	1998	rVB	1067013	1485748	3.89%	0.543%
38	14.839	2009	2015	2022	rBV2	1347756	2816898	7.38%	1.029%
39	14.910	2023	2027	2031	rVV	758024	1055783	2.77%	0.386%
40	15.004	2038	2043	2045	rBV2	452634	632523	1.66%	0.231%
41	15.028	2045	2047	2051	rVV	342194	451780	1.18%	0.165%
42	15.110	2056	2061	2067	rVB2	876461	1463393	3.83%	0.535%
43	15.175	2067	2072	2075	rBV	355159	569153	1.49%	0.208%
44	15.228	2076	2081	2086	rVB2	1189609	1851747	4.85%	0.677%
45	15.287	2086	2091	2096	rBV2	3027967	4610909	12.08%	1.685%
46	15.410	2109	2112	2116	rVV3	445216	558811	1.46%	0.204%
47	15.581	2136	2141	2146	rBV2	496822	873658	2.29%	0.319%
48	15.698	2156	2161	2165	rBV2	854699	1313261	3.44%	0.480%
49	15.728	2165	2166	2175	rVB3	318563	582182	1.53%	0.213%
50	15.981	2201	2209	2212	rBV3	359496	729750	1.91%	0.267%
51	16.292	2253	2262	2267	rVV2	835475	2077286	5.44%	0.759%
52	16.339	2267	2270	2276	rVV	844193	1225060	3.21%	0.448%
53	16.439	2283	2287	2293	rVB2	449458	676256	1.77%	0.247%
54	16.651	2319	2323	2329	rVB2	356358	550401	1.44%	0.201%
55	16.798	2341	2348	2353	rBV	621210	1067865	2.80%	0.390%
56	16.986	2374	2380	2383	rBV	4121843	6094791	15.97%	2.227%
57	17.028	2383	2387	2393	rVV	9189237	13366423	35.02%	4.884%
58	17.086	2393	2397	2398	rVV	471440	598197	1.57%	0.219%
59	17.116	2398	2402	2408	rVV	2009928	2677205	7.01%	0.978%
60	17.181	2408	2413	2418	rVB2	279278	479577	1.26%	0.175%
61	17.569	2475	2479	2485	rVB2	290635	452234	1.18%	0.165%
62	17.710	2496	2503	2510	rVB2	211672	561845	1.47%	0.205%
63	17.863	2524	2529	2533	rBV	2293165	3171994	8.31%	1.159%
64	17.910	2533	2537	2546	rVB	2507088	3395246	8.90%	1.241%
65	17.992	2546	2551	2556	rBV	745248	1016314	2.66%	0.371%
66	18.057	2556	2562	2566	rVV2	2129828	3753754	9.84%	1.372%
67	18.098	2566	2569	2574	rVB	1154892	1536424	4.03%	0.561%
68	18.375	2612	2616	2620	rVV	932946	1192278	3.12%	0.436%
69	18.622	2654	2658	2663	rVV3	302613	466992	1.22%	0.171%
70	18.798	2683	2688	2692	rBV2	771677	1294520	3.39%	0.473%
71	18.857	2692	2698	2701	rVV3	545501	1021805	2.68%	0.373%

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72	18.933	2707	2711	2720	rBV3	511089	1029184	2.70%	0.376%
73	19.057	2727	2732	2740	rBV	2487063	3697735	9.69%	1.351%
74	19.210	2754	2758	2763	rVB	938702	1240304	3.25%	0.453%
75	19.427	2785	2795	2804	rBV	3584099	6083965	15.94%	2.223%
76	19.757	2847	2851	2861	rBV2	452683	896759	2.35%	0.328%
77	19.904	2869	2876	2877	rVV3	490149	826718	2.17%	0.302%
78	19.927	2877	2880	2885	rVB	941714	1385759	3.63%	0.506%
79	20.033	2893	2898	2903	rVV	886541	1194847	3.13%	0.437%
80	20.092	2903	2908	2912	rVV	622287	847235	2.22%	0.310%
81	20.227	2928	2931	2935	rVV	478757	677451	1.78%	0.248%
82	20.274	2935	2939	2948	rVB	620656	1006517	2.64%	0.368%
83	20.898	3041	3045	3048	rBV	400034	456311	1.20%	0.167%
84	21.216	3091	3099	3103	rBV2	5275843	9071157	23.77%	3.314%
85	21.251	3103	3105	3112	rVB	1377230	1662920	4.36%	0.608%
86	21.416	3129	3133	3139	rVB2	412037	584657	1.53%	0.214%
87	21.769	3189	3193	3197	rVV	553461	811249	2.13%	0.296%
88	21.992	3228	3231	3238	rVB	499132	678235	1.78%	0.248%
89	22.304	3280	3284	3290	rVB	462587	621413	1.63%	0.227%
90	22.763	3357	3362	3366	rBV	645655	1466351	3.84%	0.536%
91	22.804	3366	3369	3374	rVB2	921957	1323743	3.47%	0.484%
92	22.927	3387	3390	3398	rVB	313215	530005	1.39%	0.194%
93	23.227	3436	3441	3445	rBV	469896	816432	2.14%	0.298%
94	23.274	3446	3449	3452	rVV	300507	461337	1.21%	0.169%
95	23.316	3452	3456	3461	rVV	794320	1427909	3.74%	0.522%
96	23.363	3461	3464	3467	rVV	419199	621009	1.63%	0.227%
97	23.415	3467	3473	3481	rVB2	3259012	5949631	15.59%	2.174%
98	23.998	3567	3572	3578	rVB	366868	674511	1.77%	0.246%
99	24.727	3692	3696	3704	rVB2	299951	560976	1.47%	0.205%
100	25.586	3836	3842	3853	rVB4	484417	1351300	3.54%	0.494%

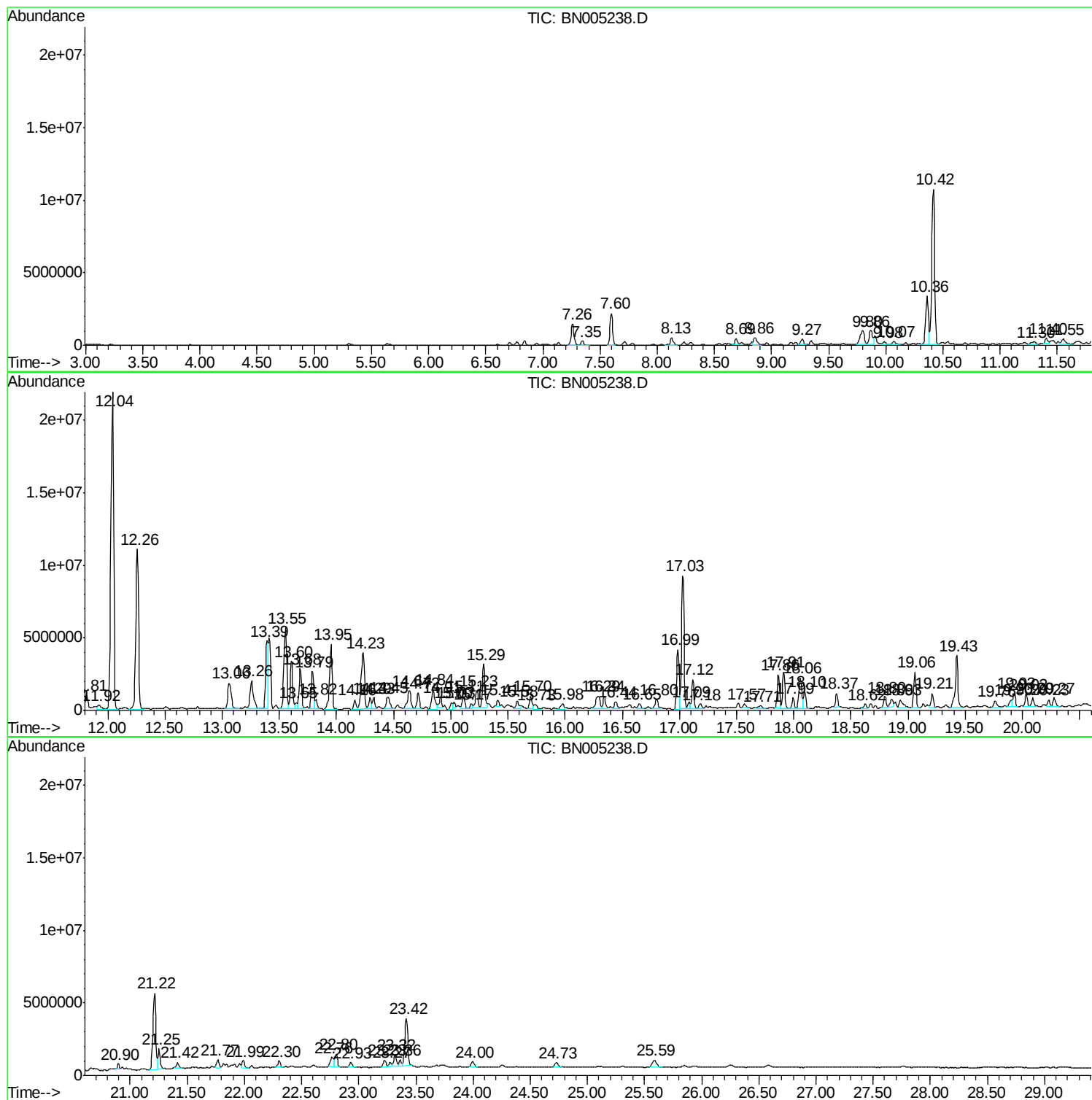
Sum of corrected areas: 273695479

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Instrument :
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ClientSampleId :
GAHQ8

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

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



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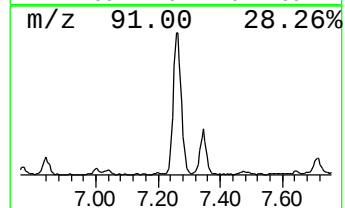
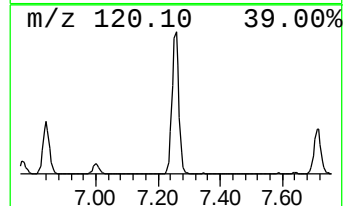
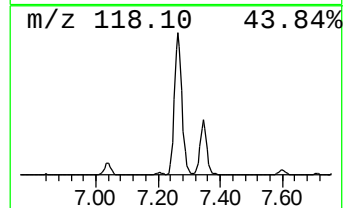
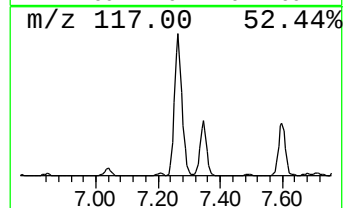
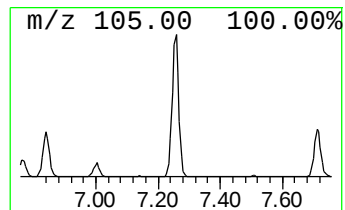
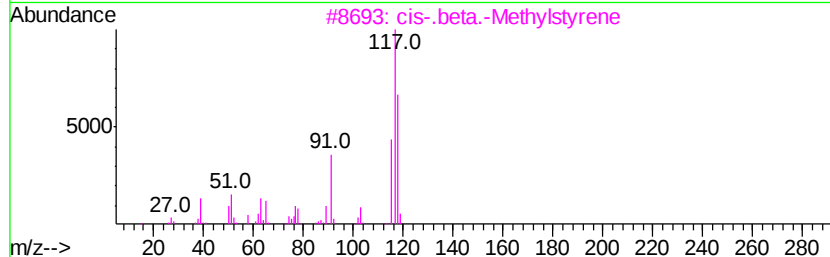
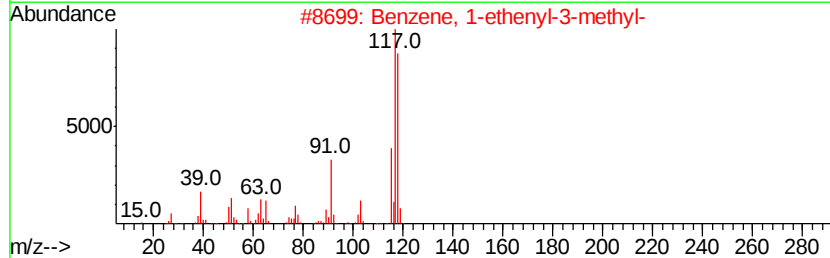
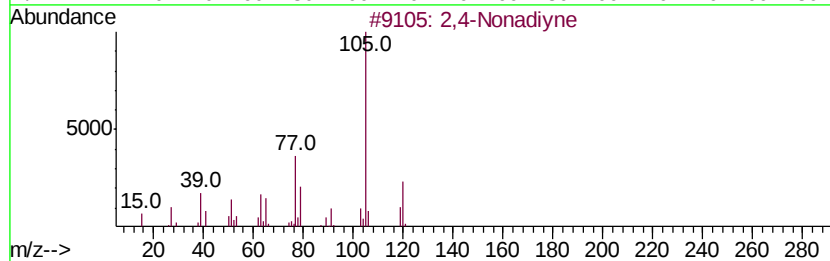
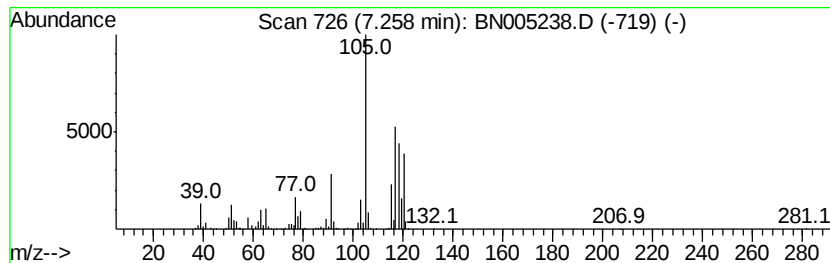
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4-Nonadiyne Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	15.00 ng/ul	2576610	1,4-Dichlorobenzene-d4	7.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne		120	C9H12	063621-15-8	80
2	Benzene, 1-ethenyl-3-methyl-		118	C9H10	000100-80-1	50
3	cis-.beta.-Methylstyrene		118	C9H10	000766-90-5	46
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	46
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	46



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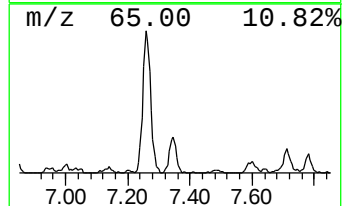
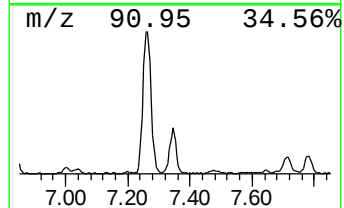
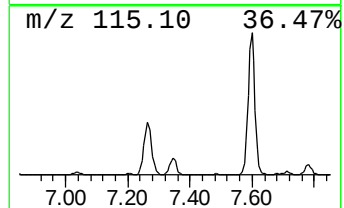
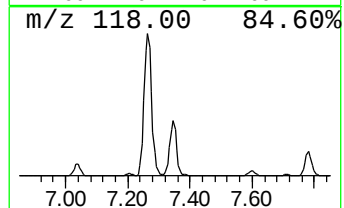
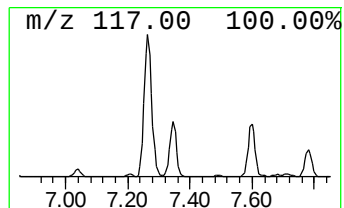
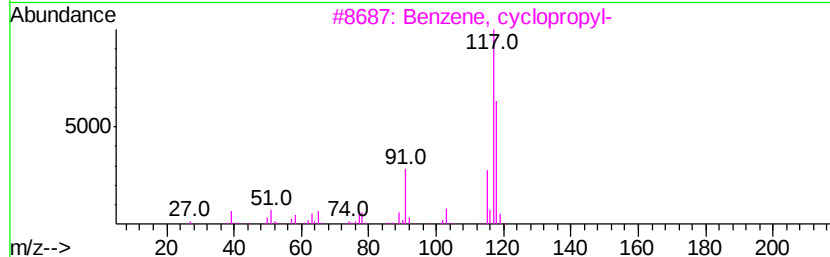
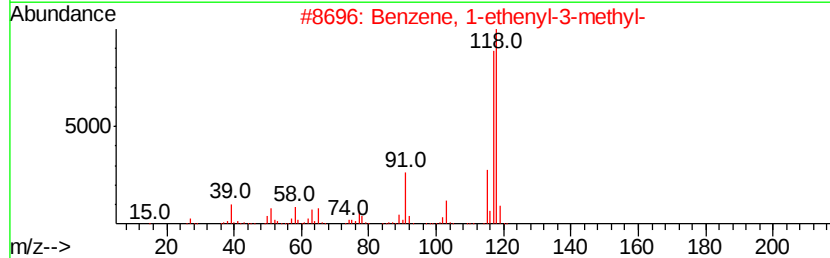
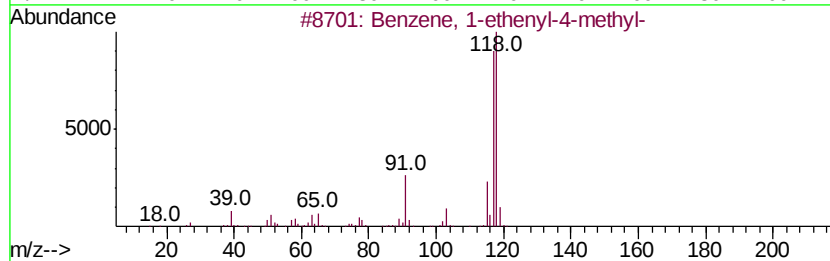
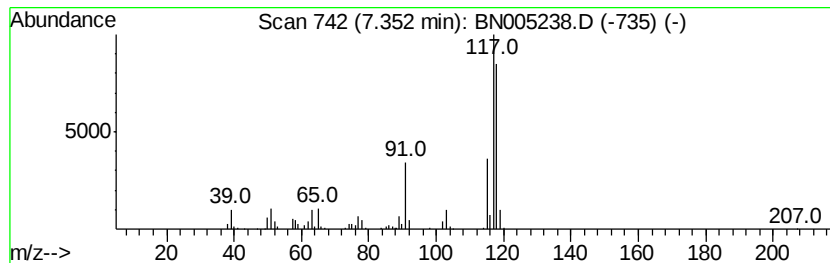
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-ethenyl-4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	2.64 ng/ul	453109	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	93



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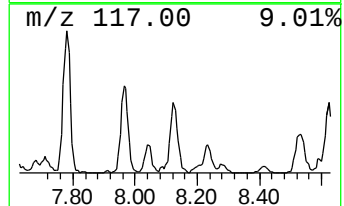
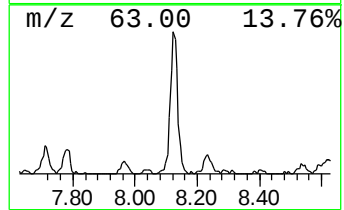
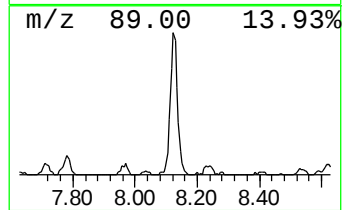
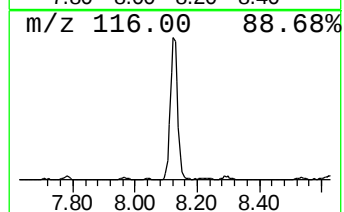
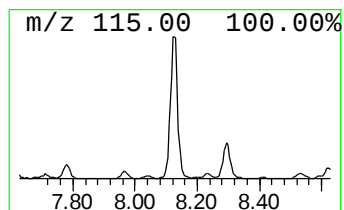
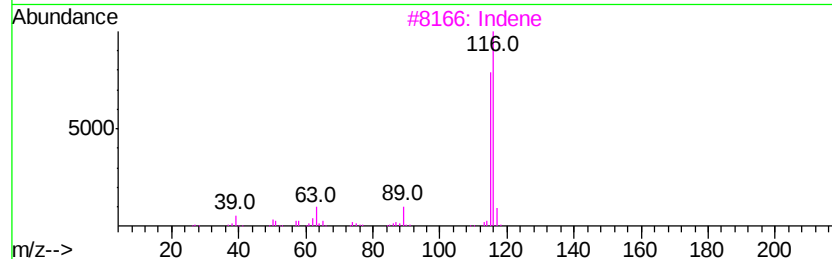
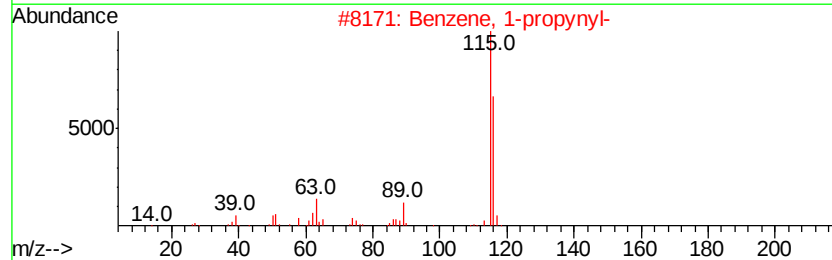
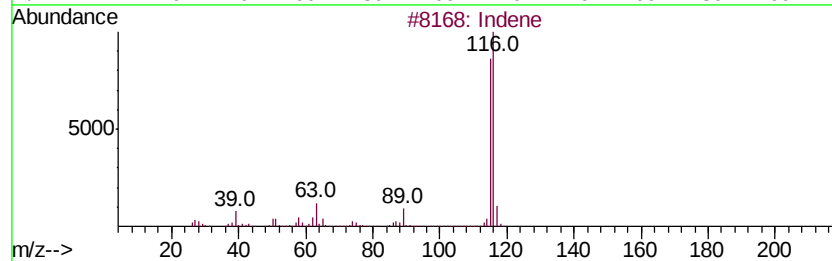
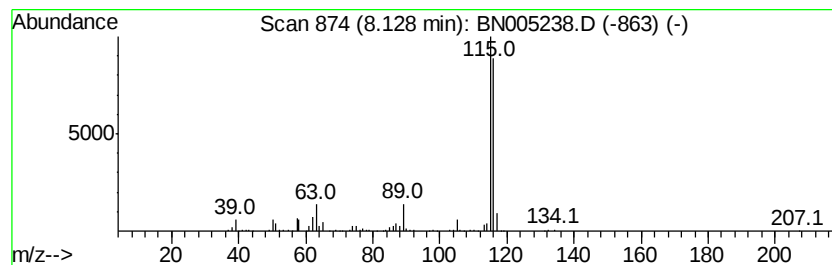
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	5.71 ng/ul	980093	1,4-Dichlorobenzene-d4	7.60

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

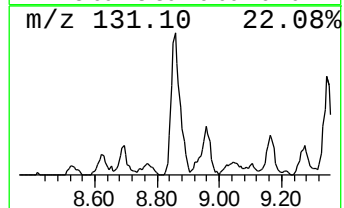
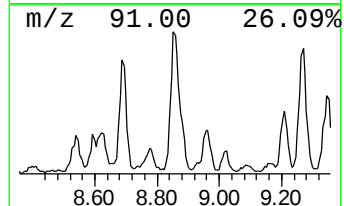
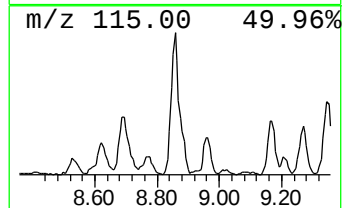
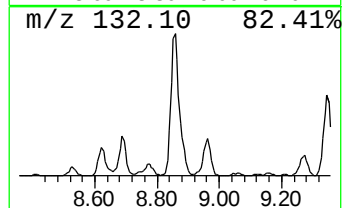
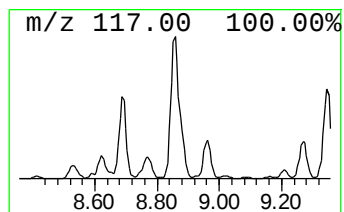
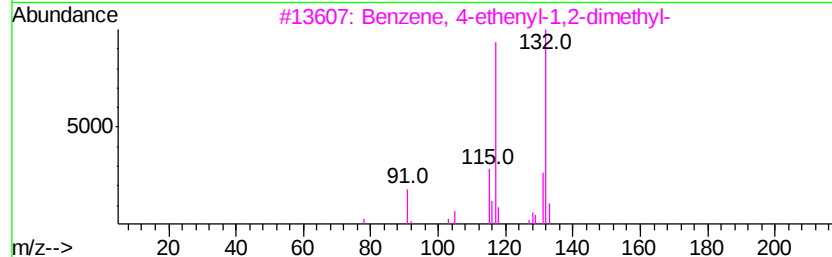
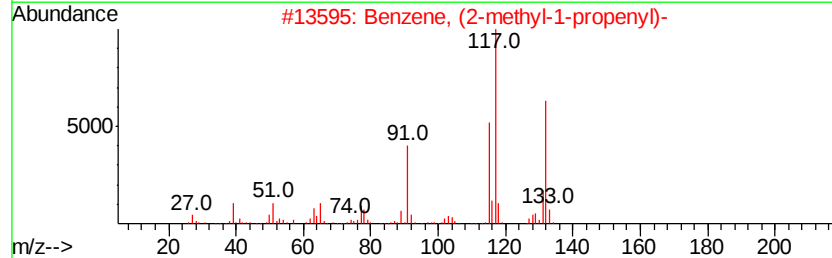
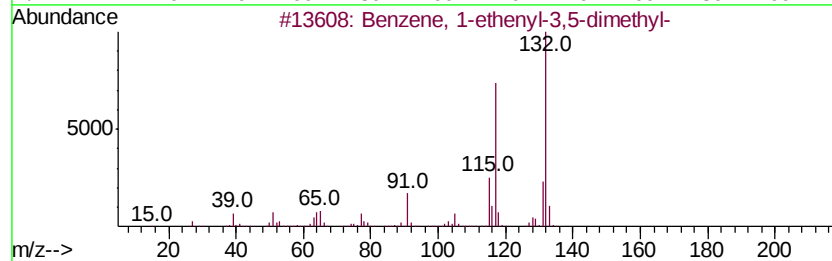
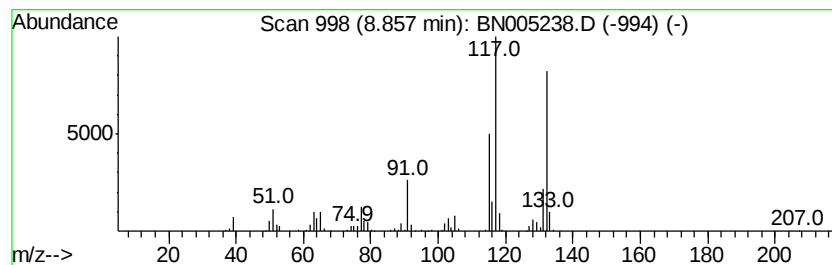
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	5.55 ng/ul	953410	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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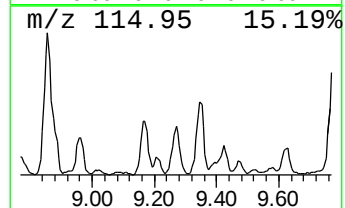
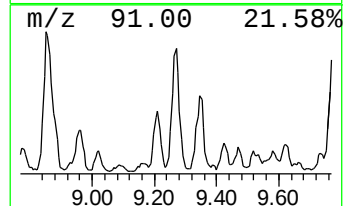
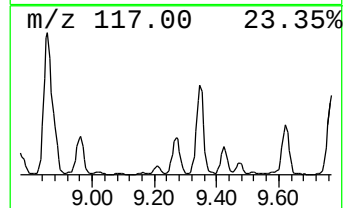
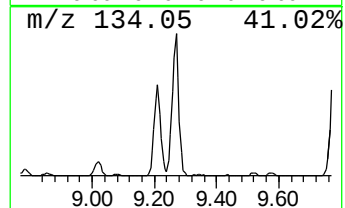
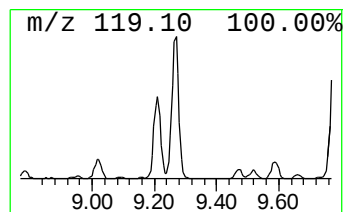
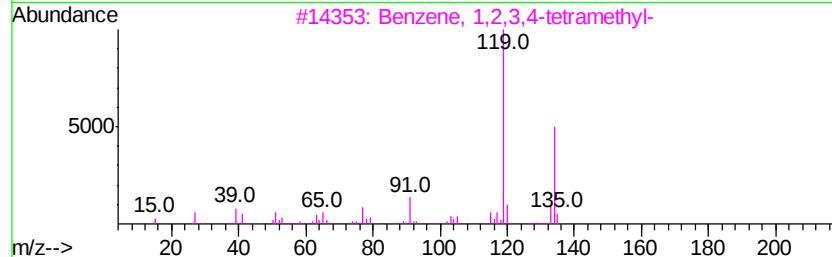
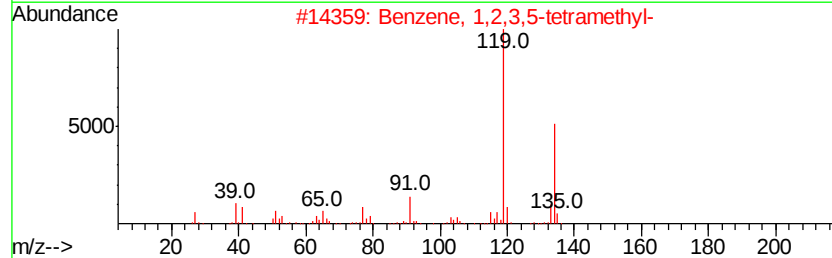
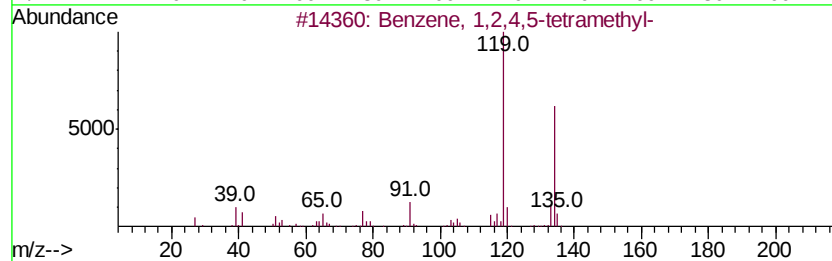
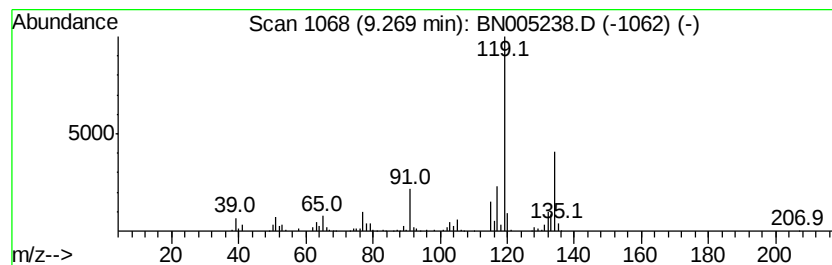
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.36 ng/ul	677000	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
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Instrument :
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ClientSampleId :
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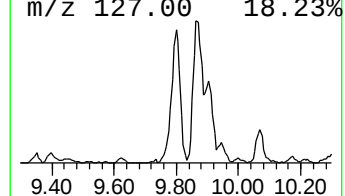
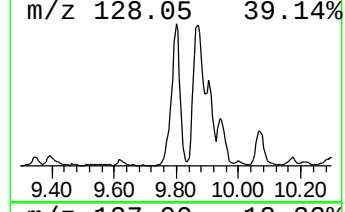
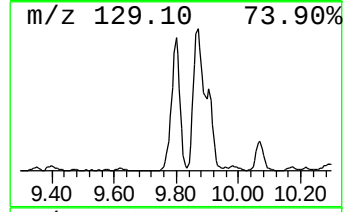
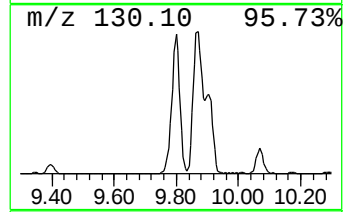
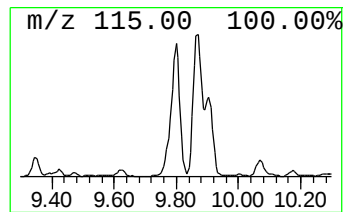
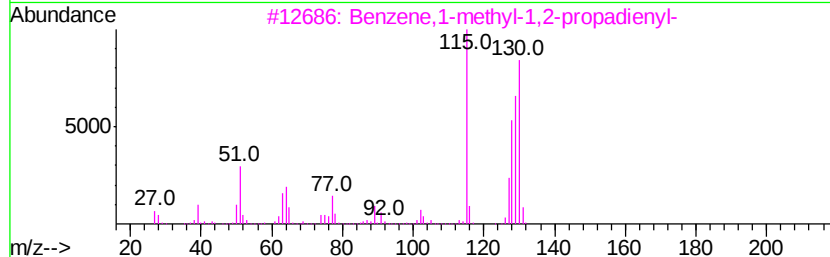
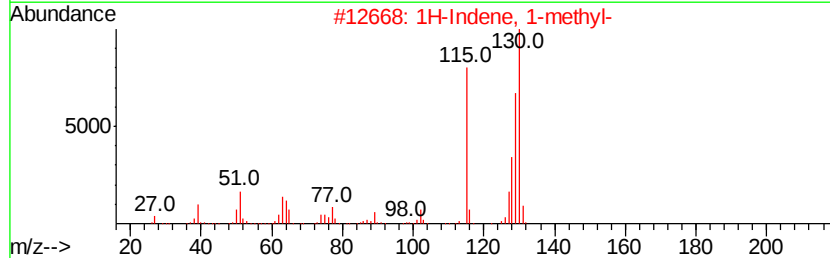
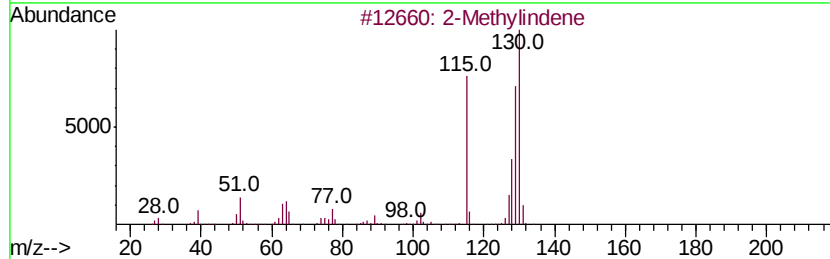
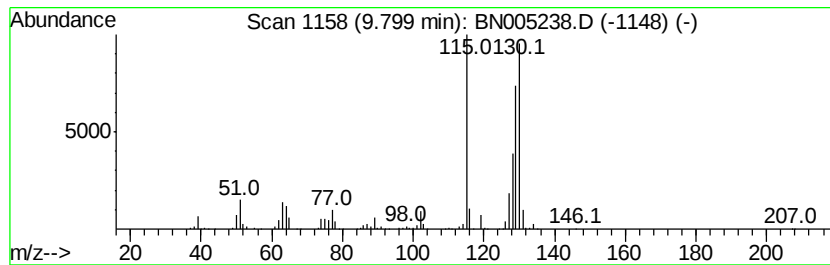
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	8.11 ng/ul	2325700	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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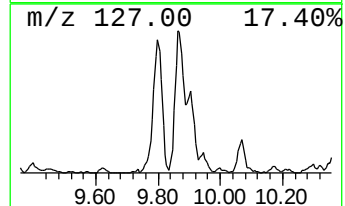
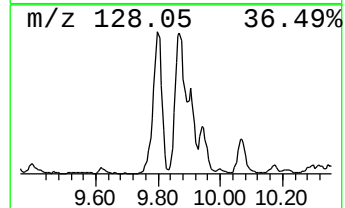
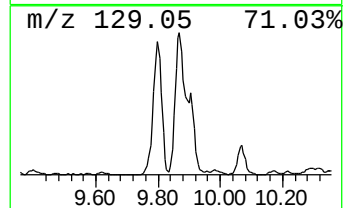
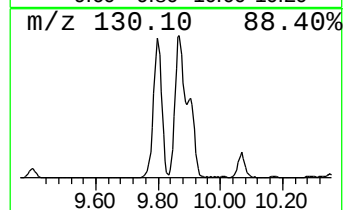
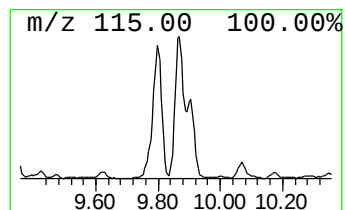
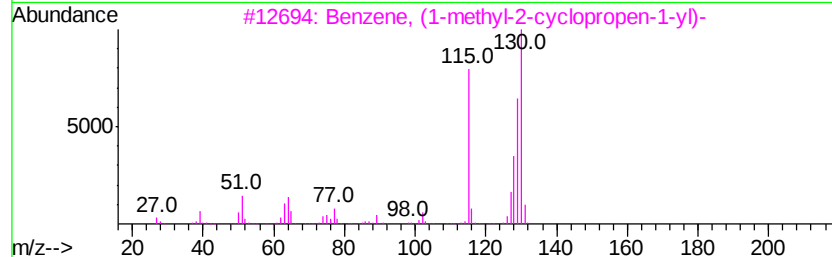
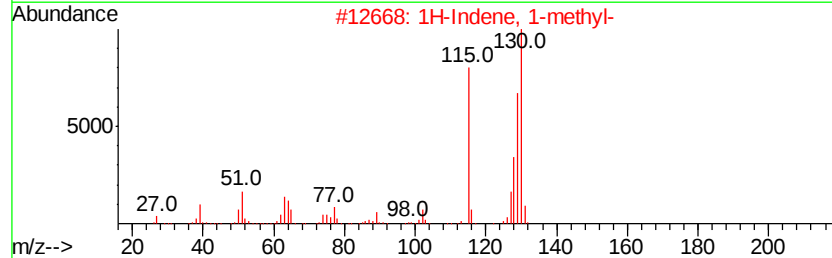
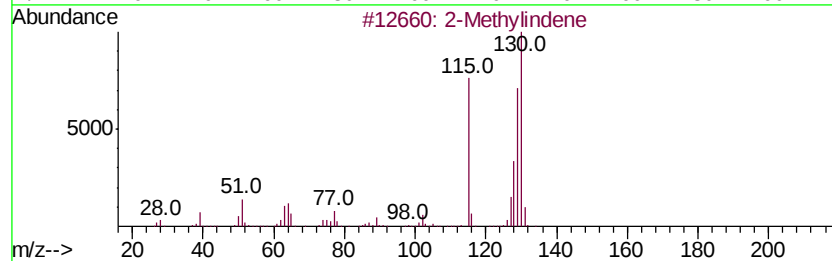
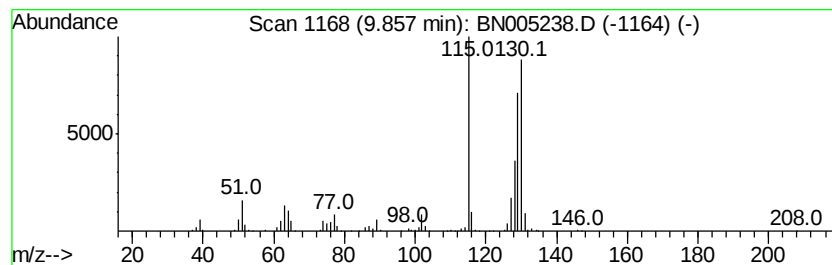
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-butylnyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	6.65 ng/ul	1906850	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	93
5		2-Methylindene	130	C10H10	002177-47-1	93



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Misc :
ALS Vial : 27 Sample Multiplier: 1

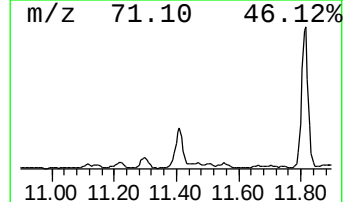
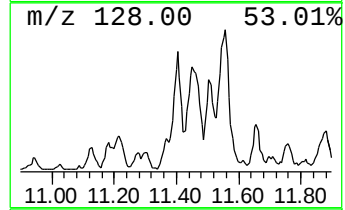
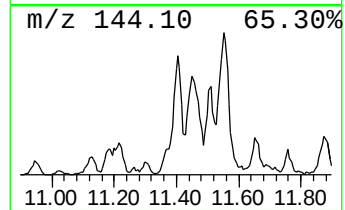
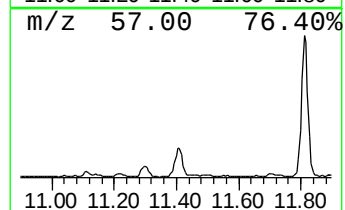
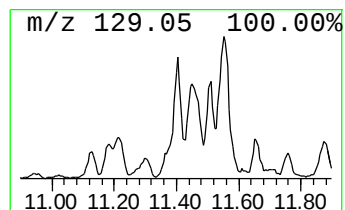
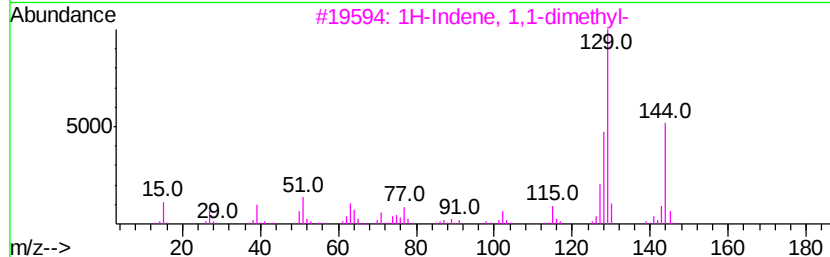
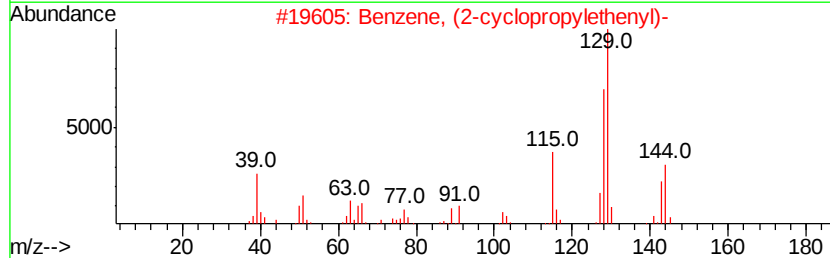
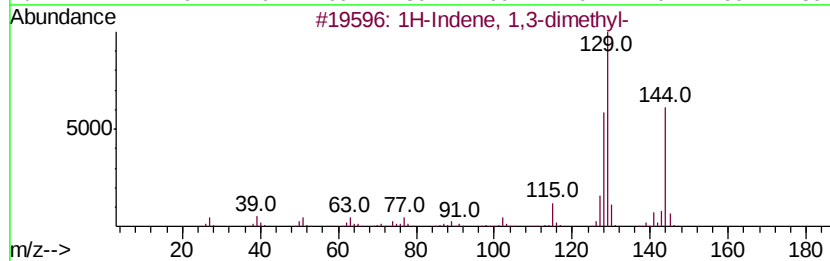
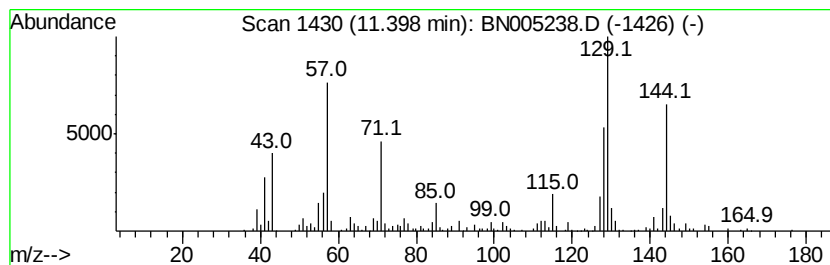
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1H-Indene, 1,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.07 ng/ul	592195	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2 83
2	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6 64
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0 64
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0 64
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6 60



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Acq On : 24 Apr 2019 05:25
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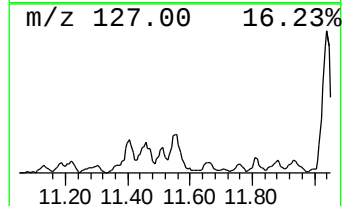
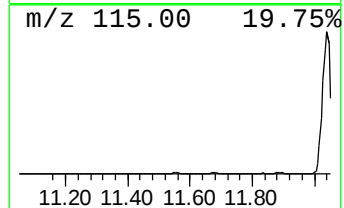
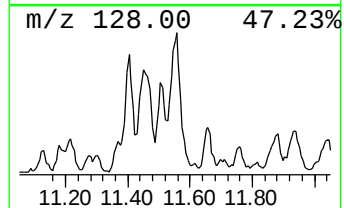
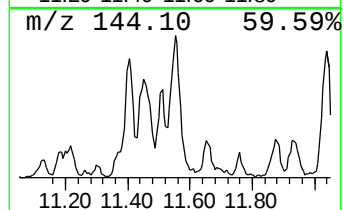
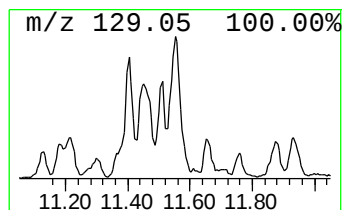
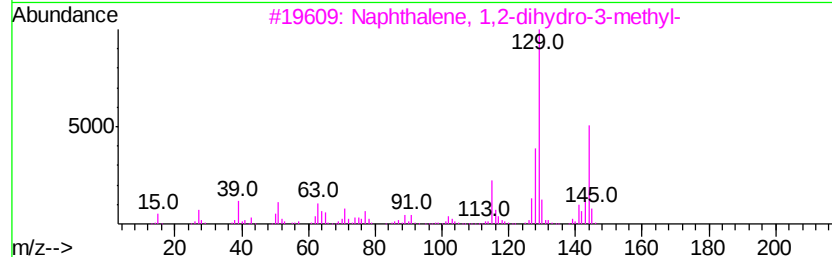
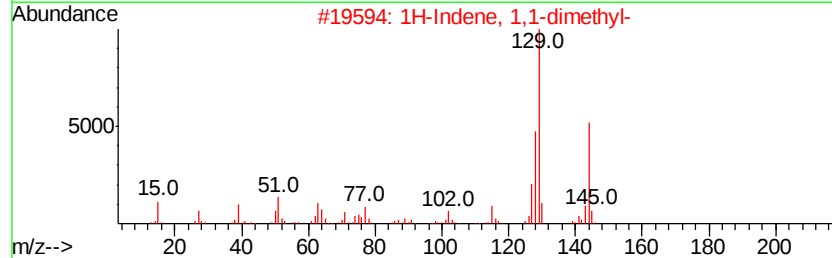
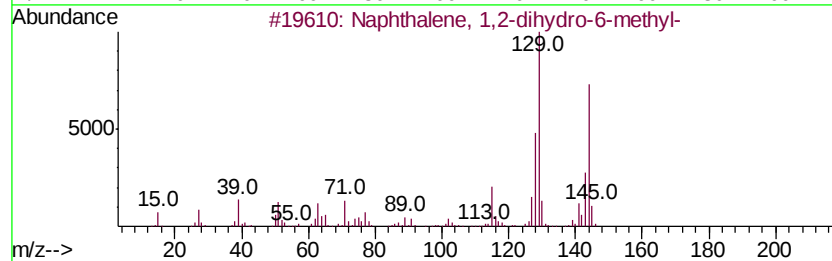
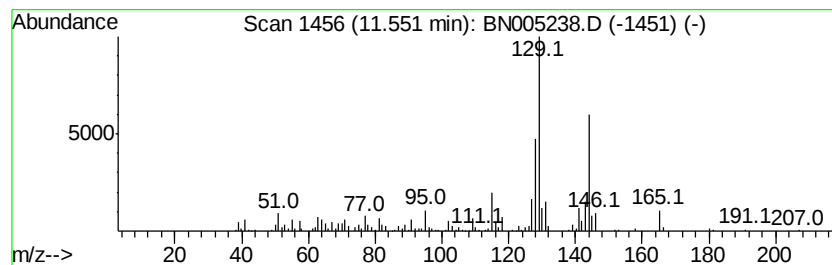
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1,2-dihydro-6-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.57 ng/ul	737738	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	93
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
3		Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	90
4		1H-Cyclopropa[blnaphthalene, 1a,...	144	C11H12	006571-72-8	90
5		Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
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ClientSampleId :
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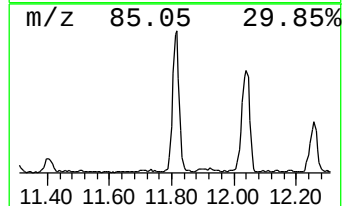
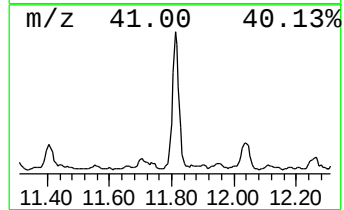
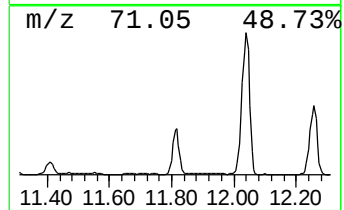
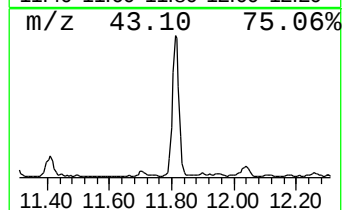
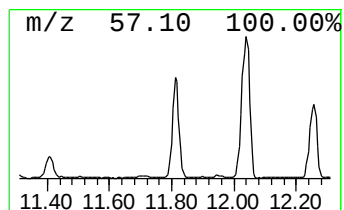
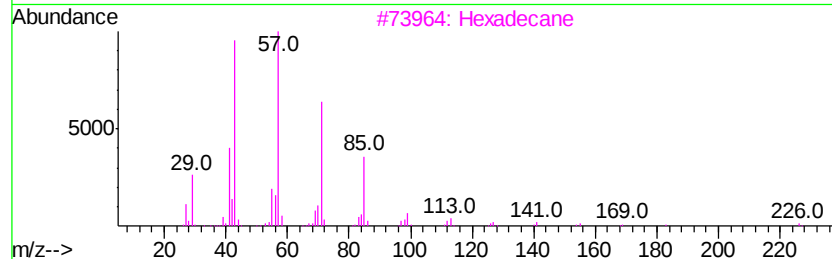
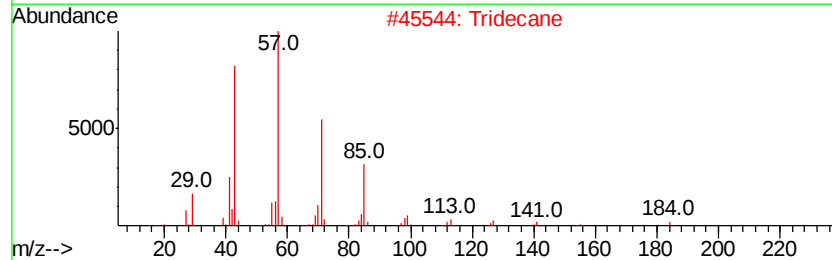
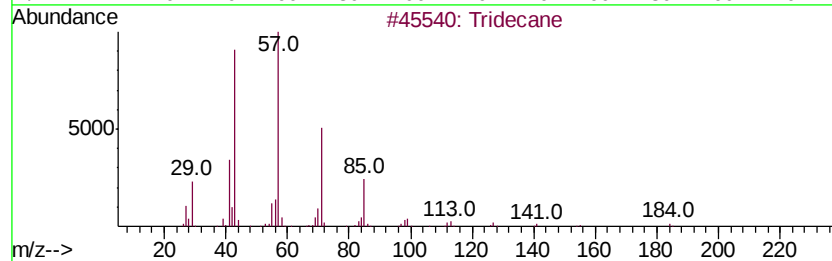
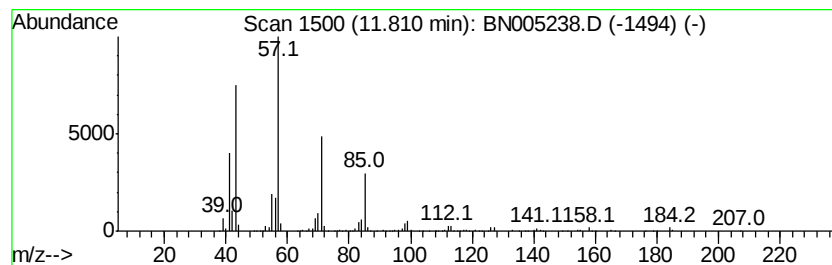
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.42 ng/ul	1552940	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	95
3			Hexadecane	226	C16H34	000544-76-3	91
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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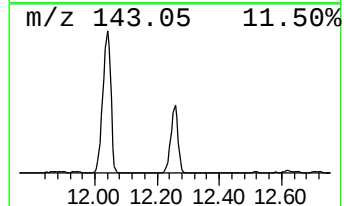
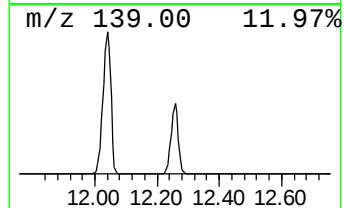
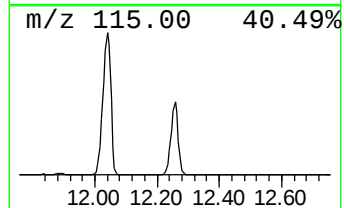
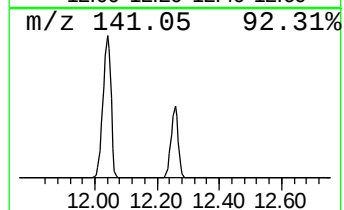
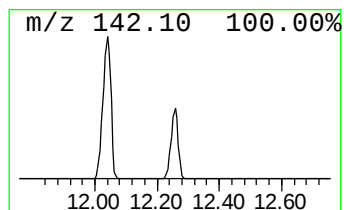
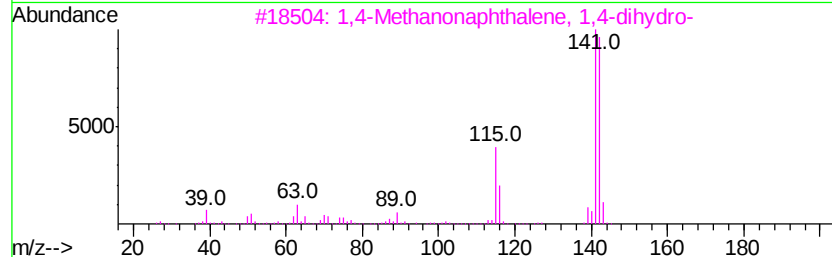
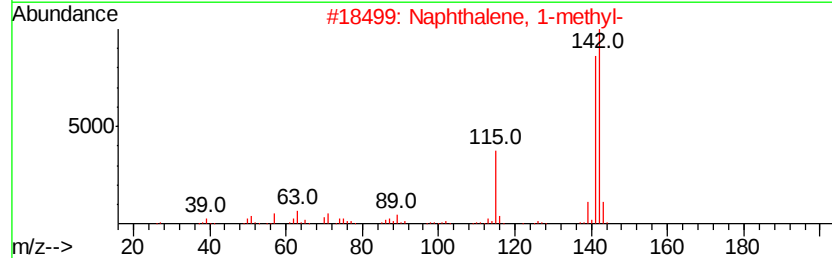
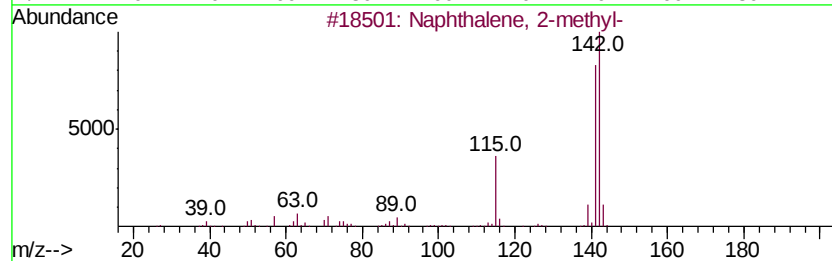
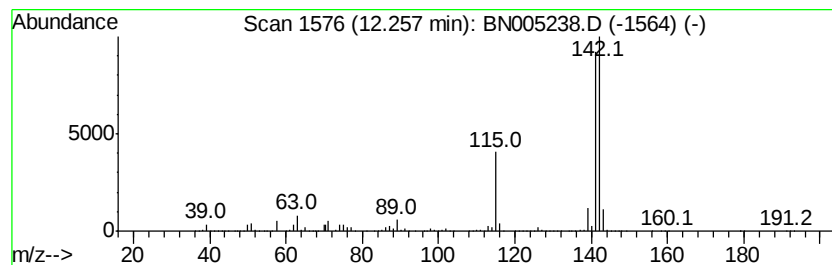
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	63.62 ng/ul	18242400	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

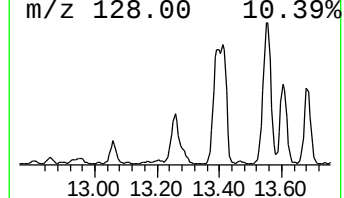
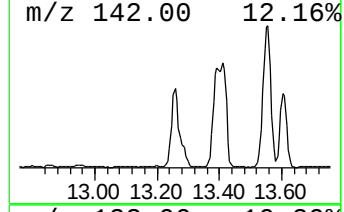
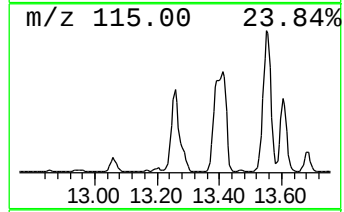
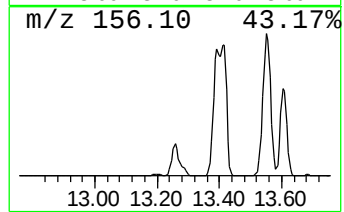
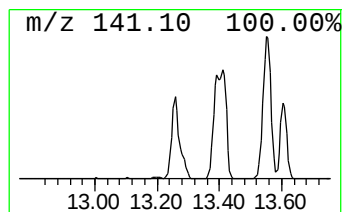
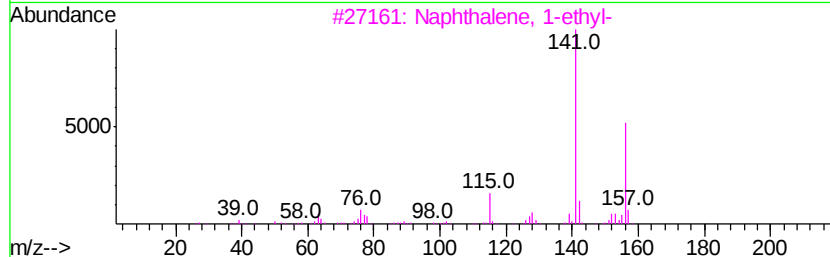
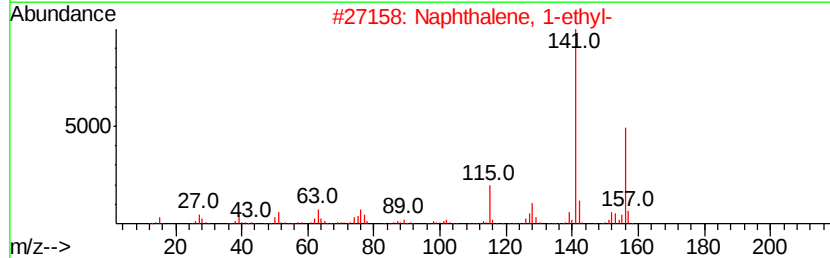
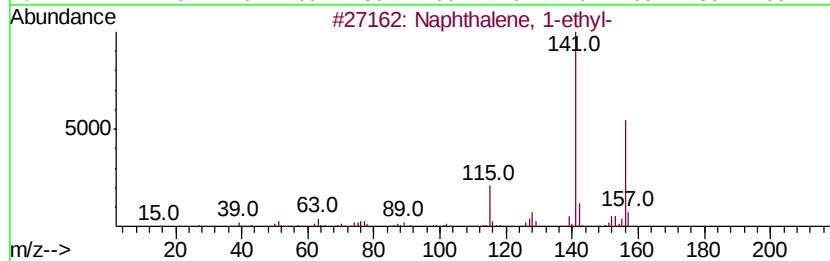
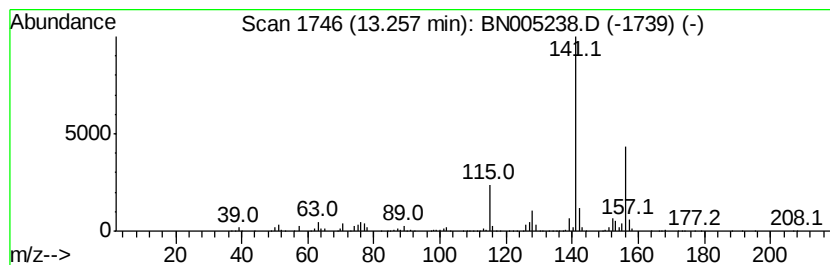
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	10.33 ng/ul	4060160	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

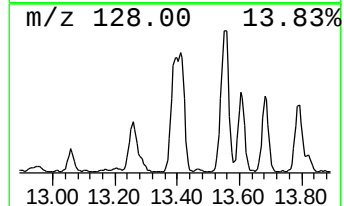
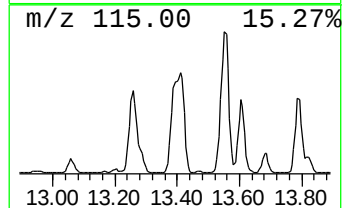
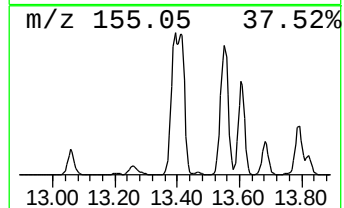
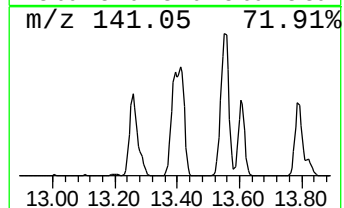
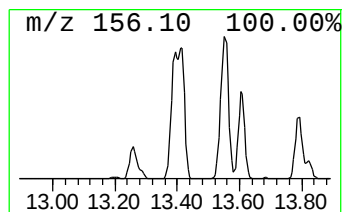
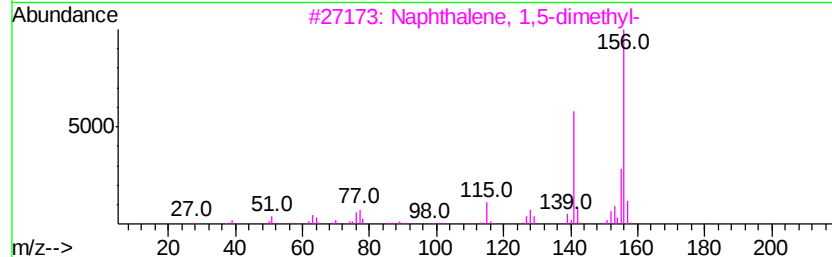
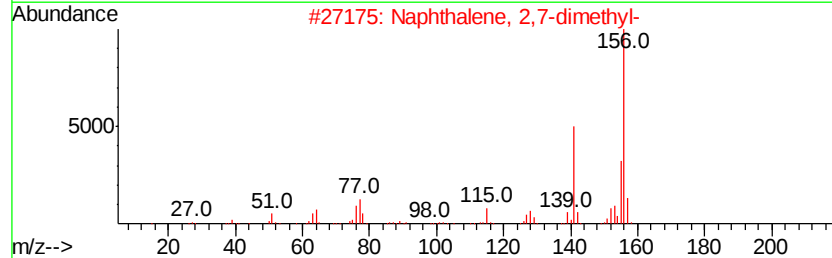
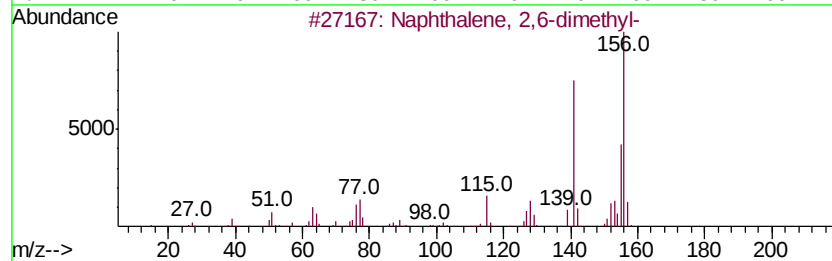
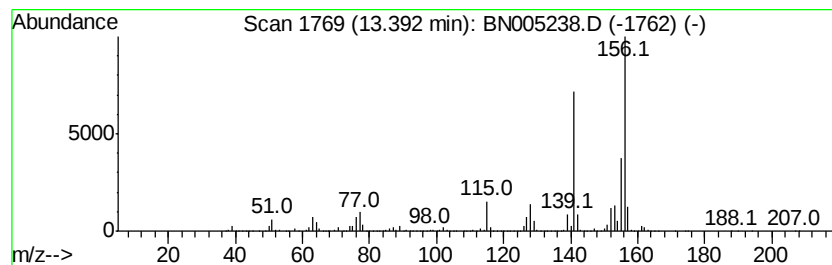
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	16.60 ng/ul	6524990	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

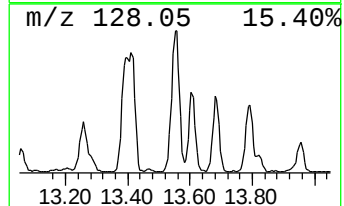
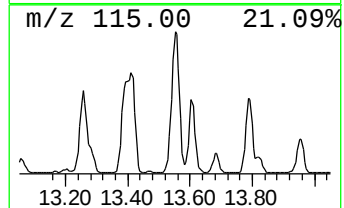
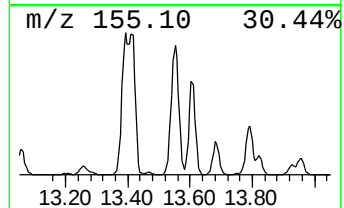
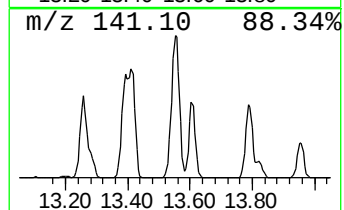
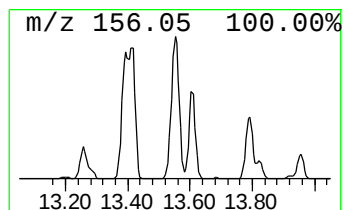
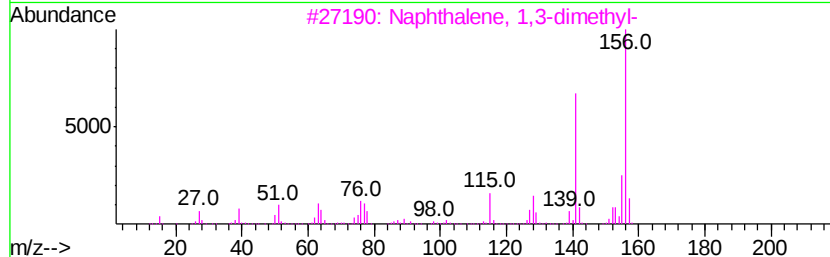
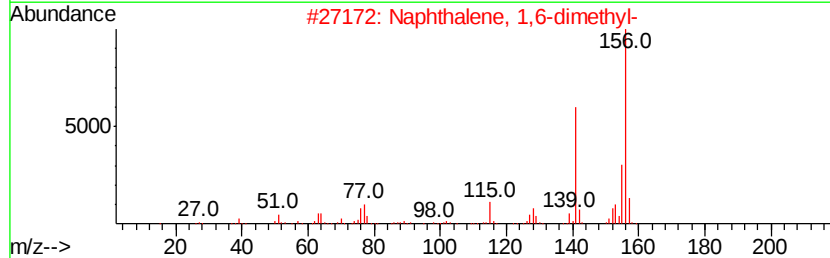
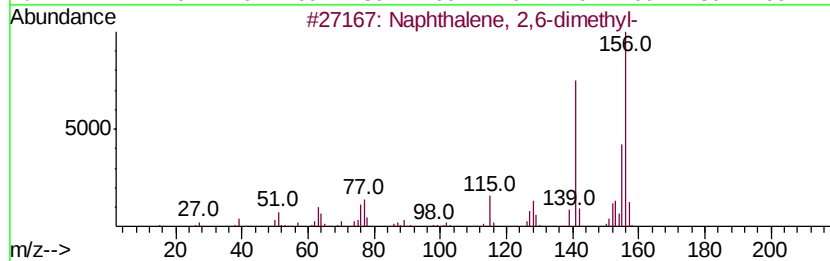
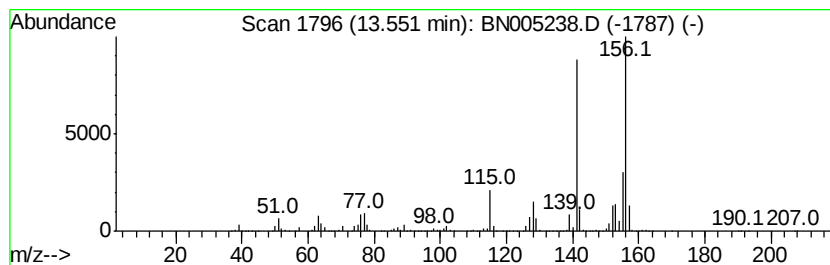
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	25.50 ng/ul	10026400	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
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Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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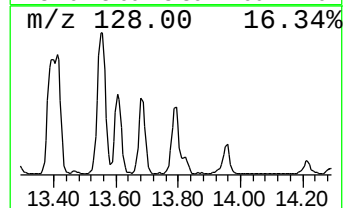
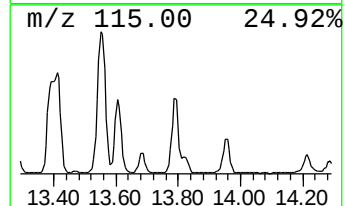
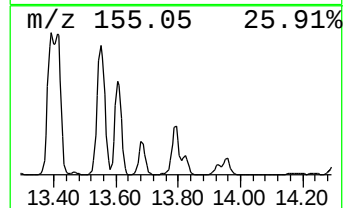
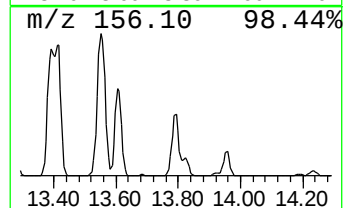
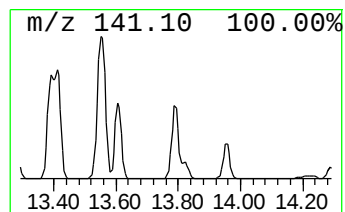
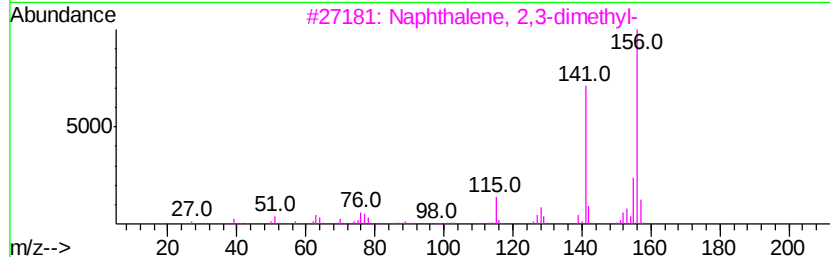
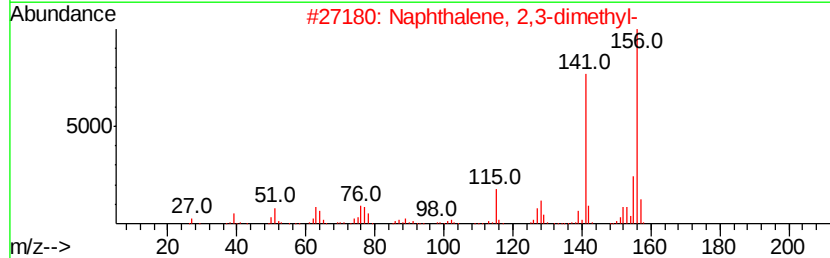
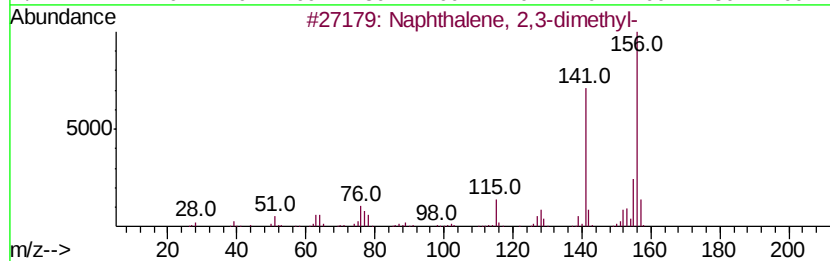
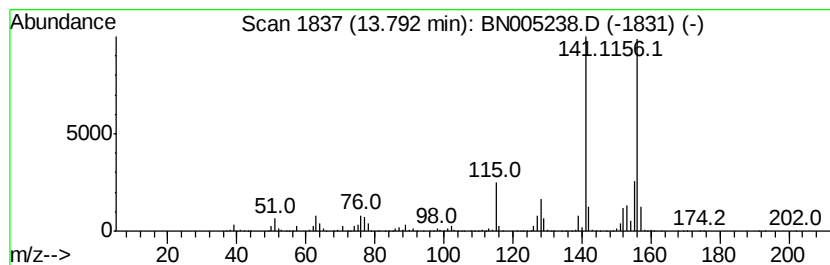
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	10.04 ng/ul	3946080	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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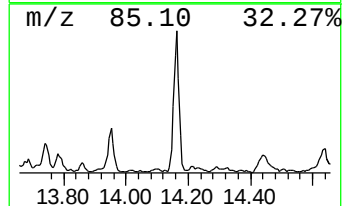
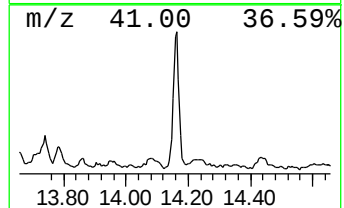
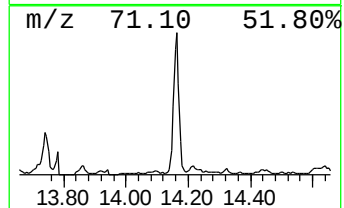
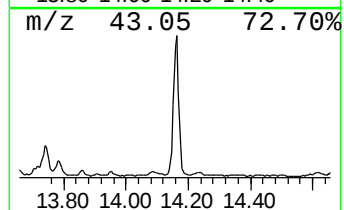
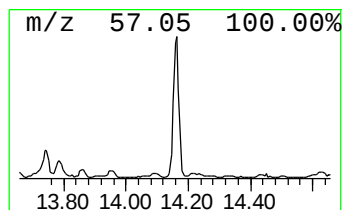
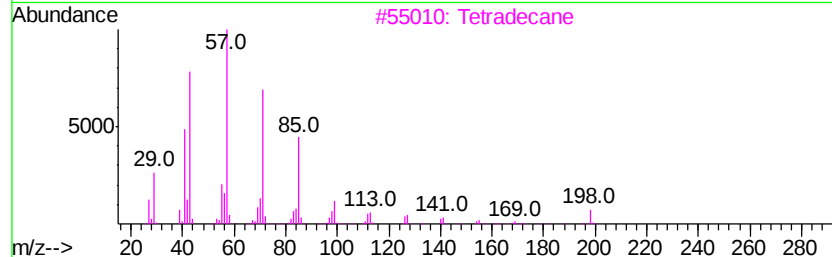
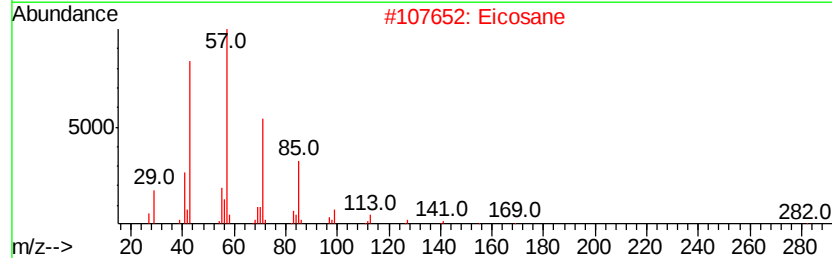
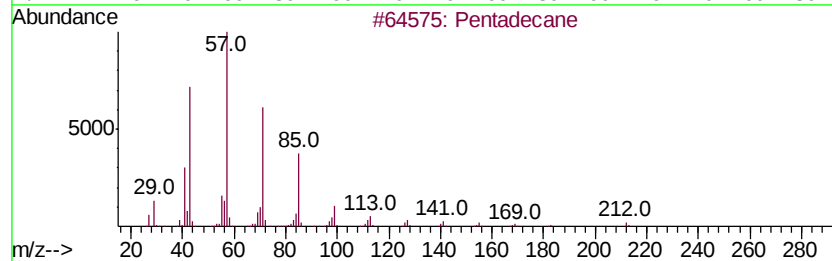
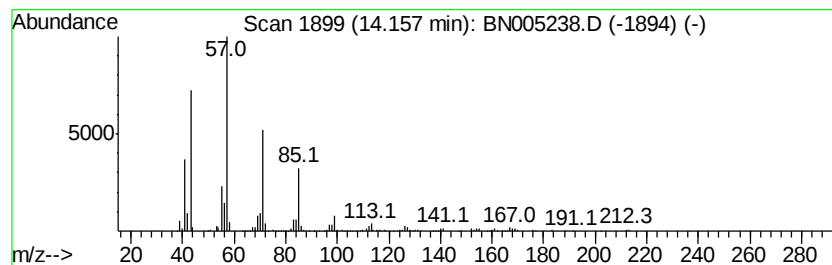
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.16 ng/ul	851002	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Eicosane	282	C20H42	000112-95-8	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Tridecane	184	C13H28	000629-50-5	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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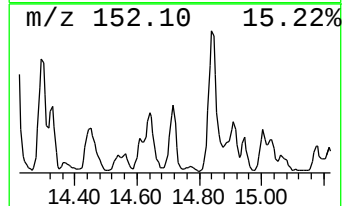
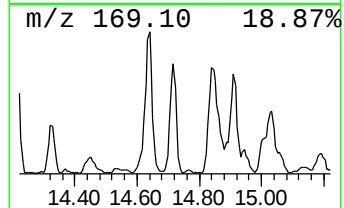
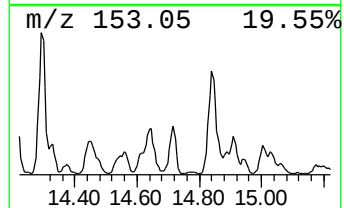
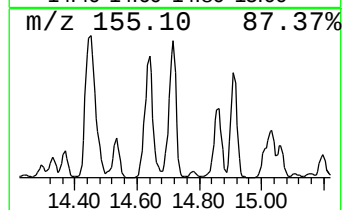
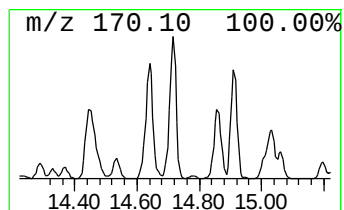
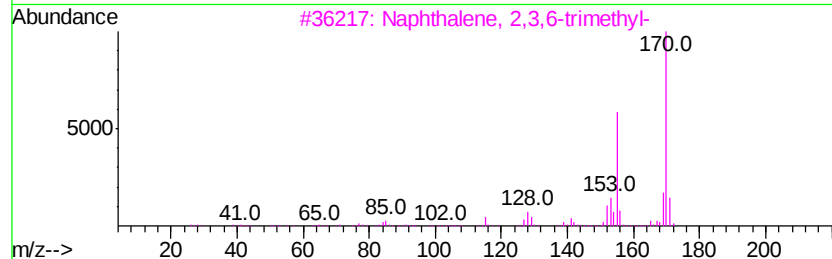
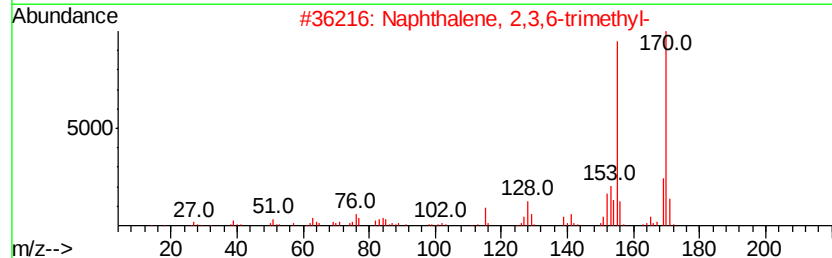
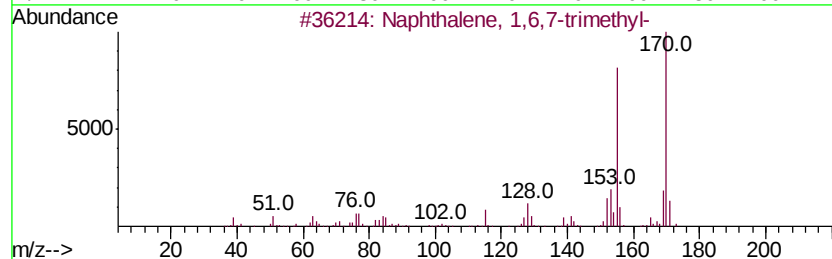
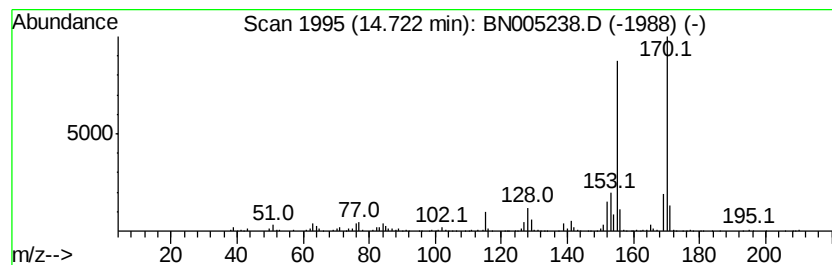
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.78 ng/ul	1485750	Acenaphthene-d10	14.23

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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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Sample : K2455-06 10X
Misc :
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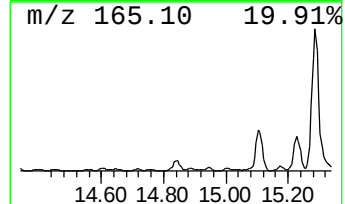
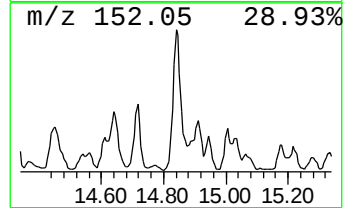
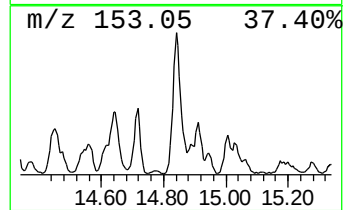
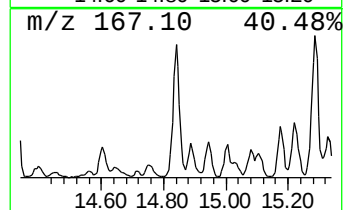
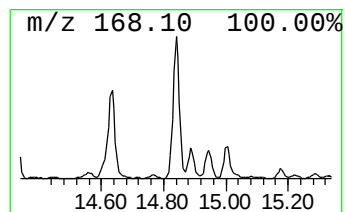
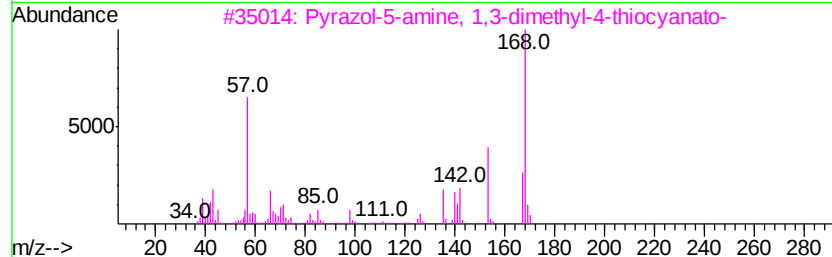
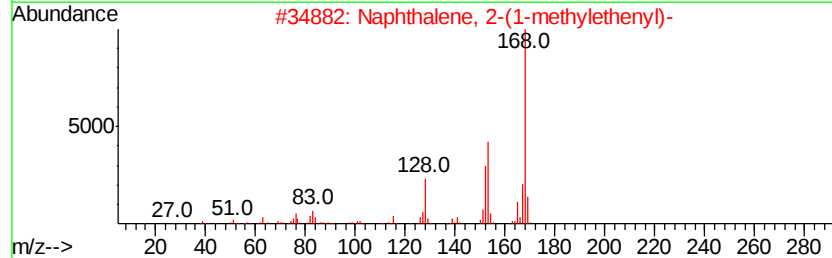
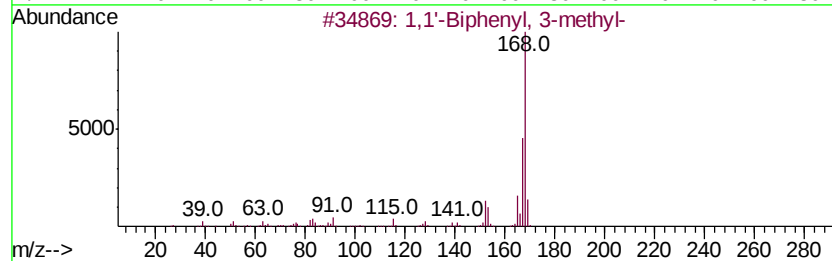
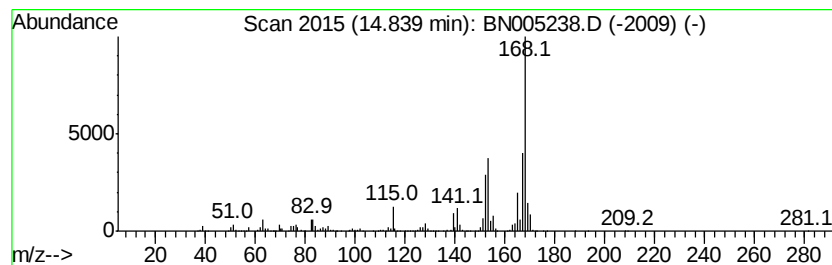
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.16 ng/ul	2816900	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 87
2		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 58
3		Pyrazol-5-amine, 1,3-dimethyl-4-...	168 C6H8N4S	019688-92-7 52
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 52
5		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 50



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Sample : K2455-06 10X
Misc :
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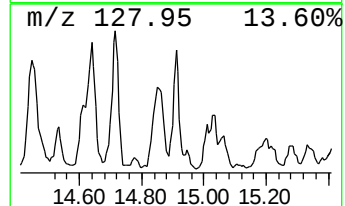
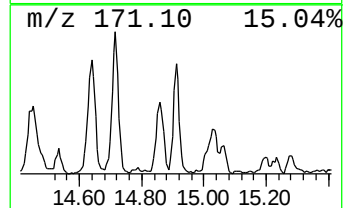
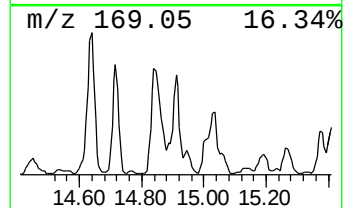
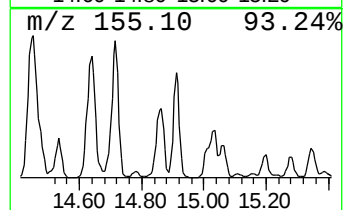
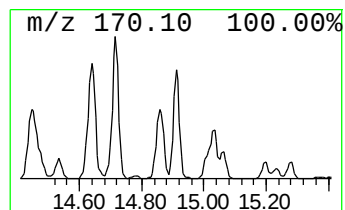
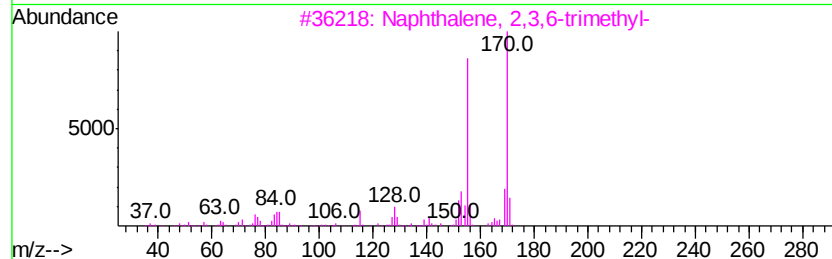
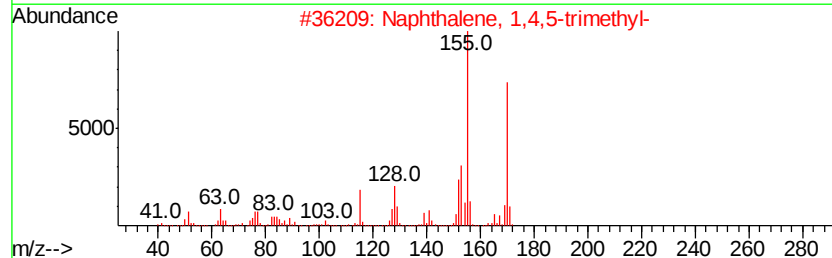
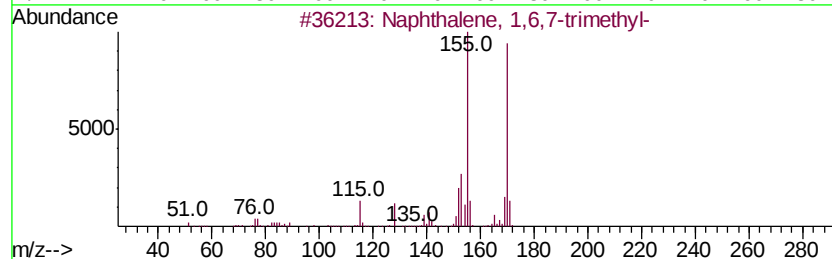
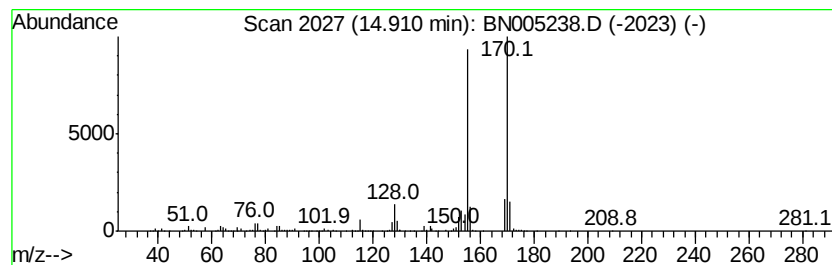
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Azulene, 4,6,8-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.69 ng/ul	1055780	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 87
2		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 87
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 87
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 86
5		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
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Operator : JU/SJ
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Misc :
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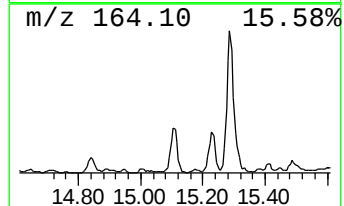
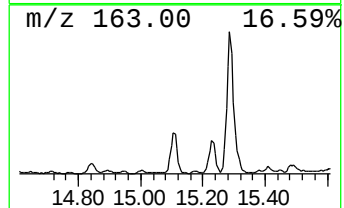
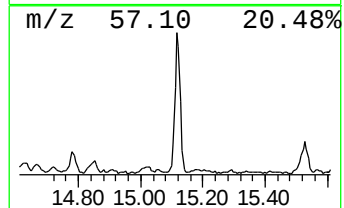
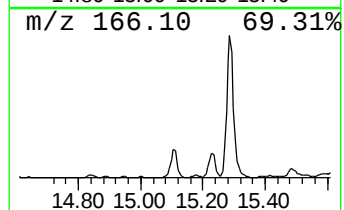
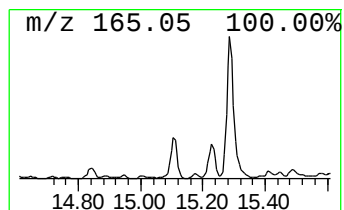
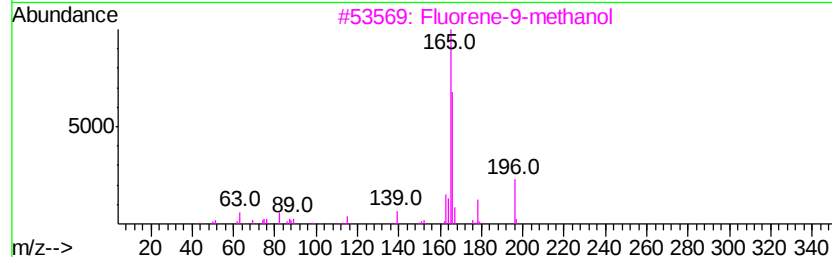
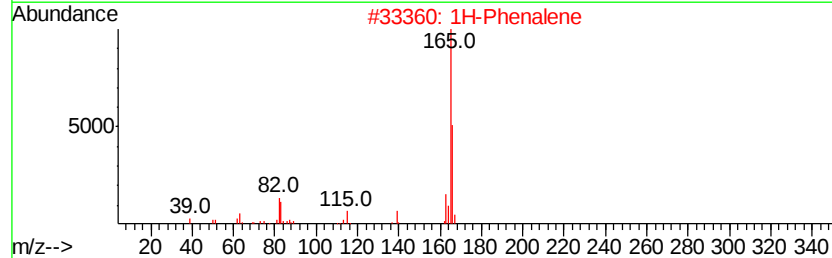
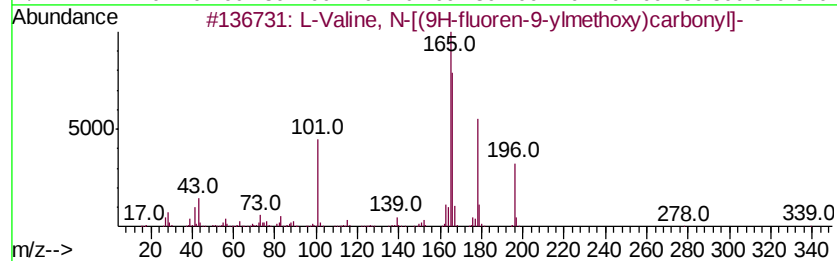
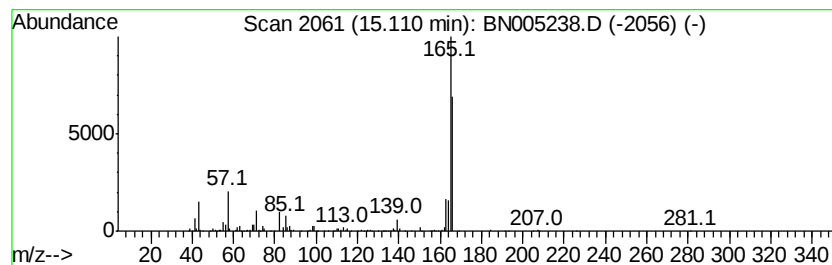
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 L-Valine, N-[(9H-fluoren-9-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.72 ng/ul	1463390	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			L-Valine, N-[(9H-fluoren-9-ylmet...	339	C20H21N04	068858-20-8	72
2			1H-Phenylene	166	C13H10	000203-80-5	64
3			Fluorene-9-methanol	196	C14H12O	024324-17-2	64
4			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
5			Fluorene-9-methanol	196	C14H12O	024324-17-2	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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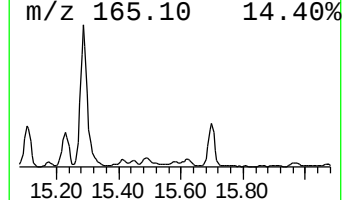
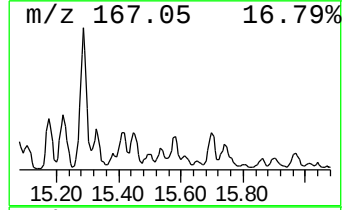
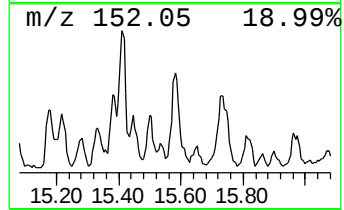
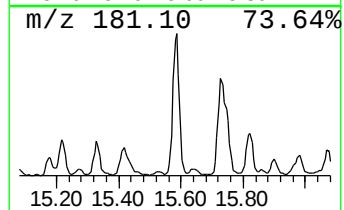
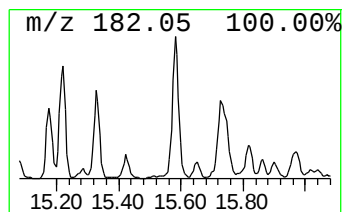
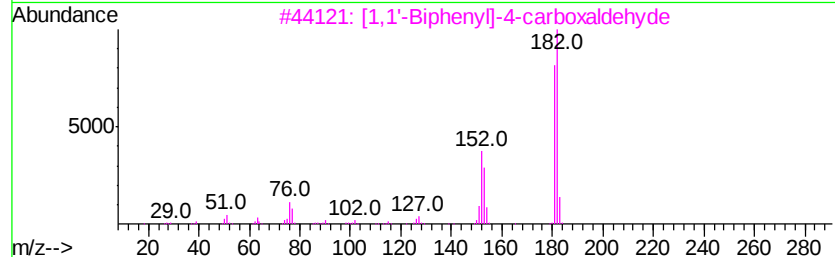
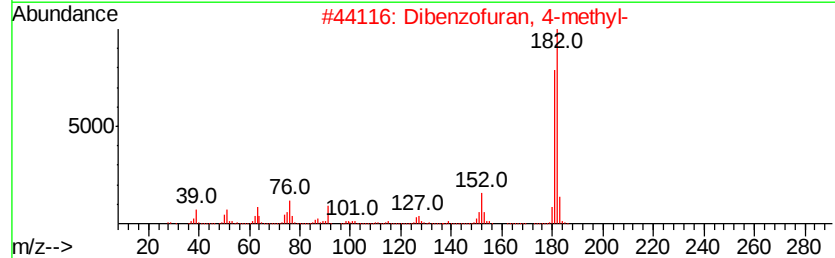
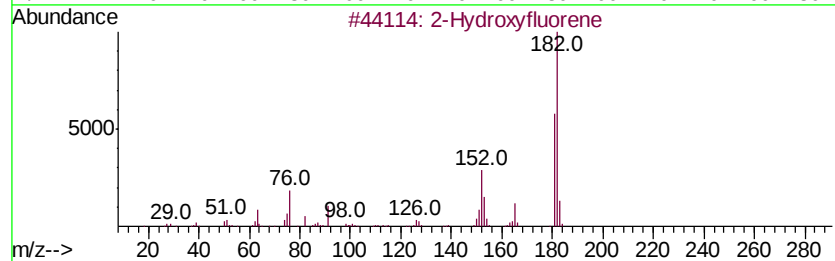
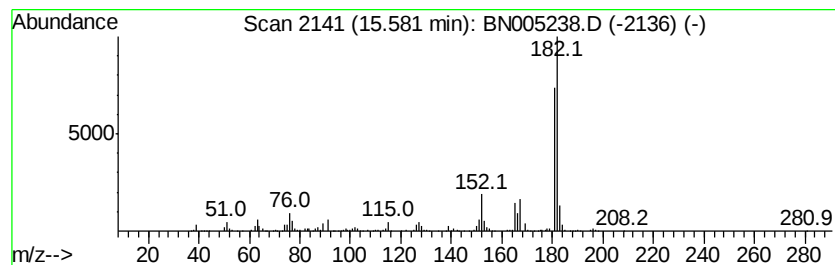
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 2-Hydroxyfluorene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.22 ng/ul	873658	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxyfluorene	182	C13H10O	002443-58-5	86
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
5			2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55



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Misc :
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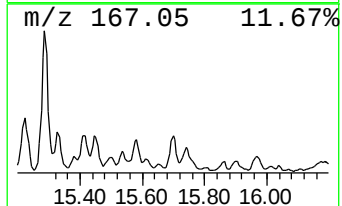
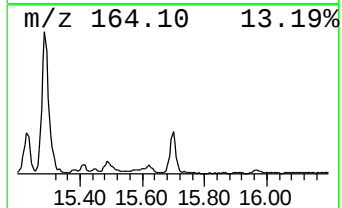
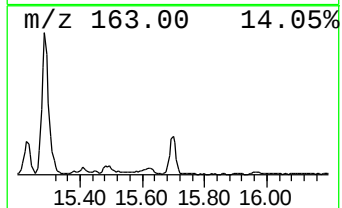
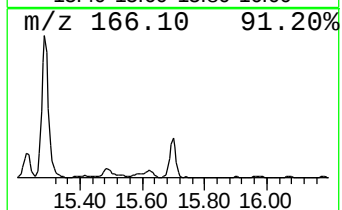
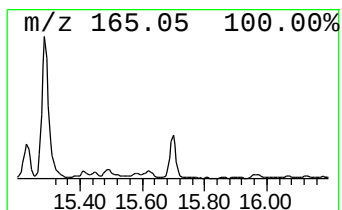
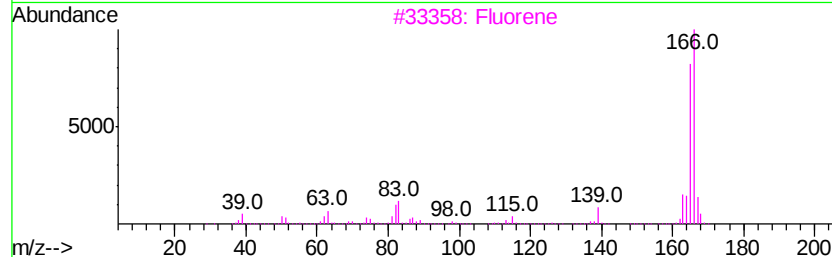
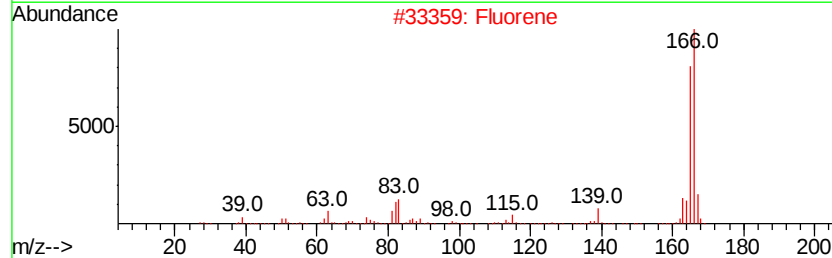
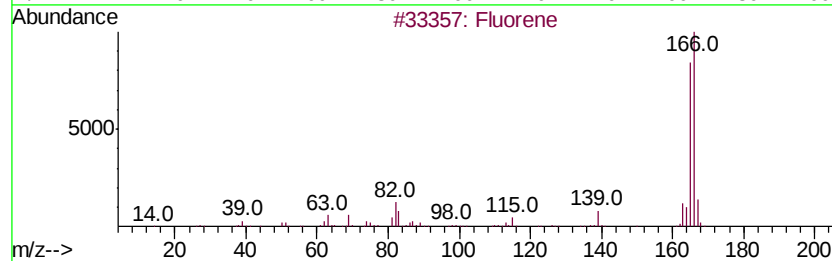
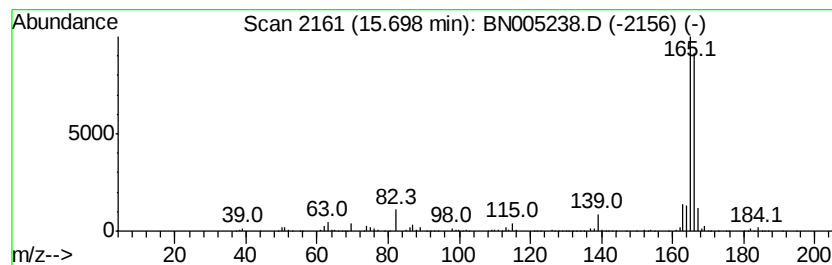
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.31 ng/ul	1313260	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene	166	C13H10	000086-73-7	90
2			Fluorene	166	C13H10	000086-73-7	76
3			Fluorene	166	C13H10	000086-73-7	76
4			Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	72
5			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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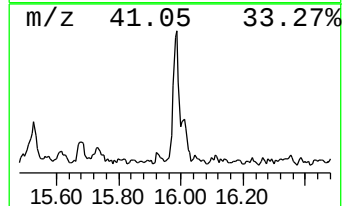
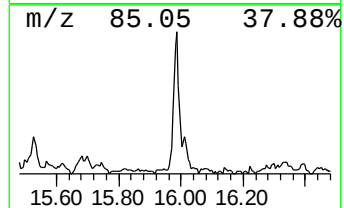
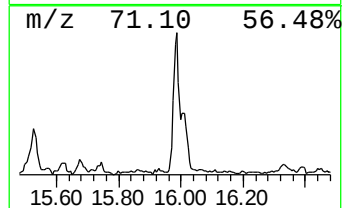
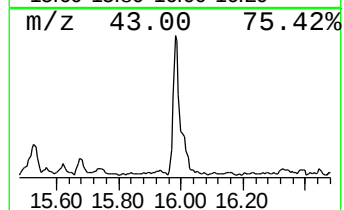
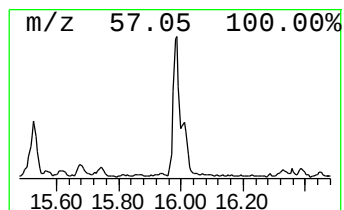
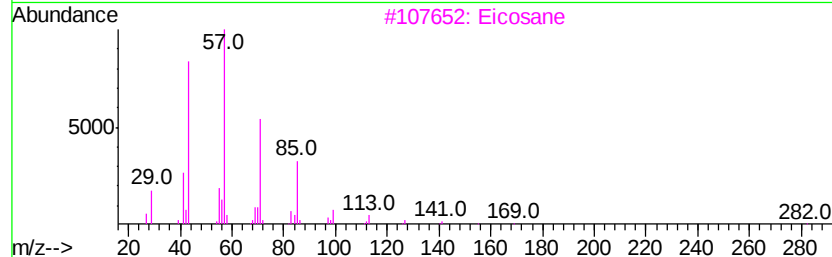
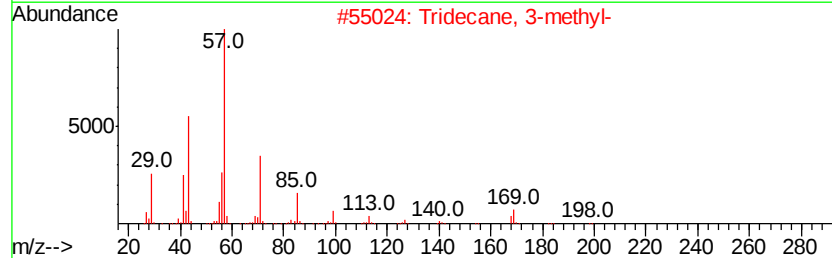
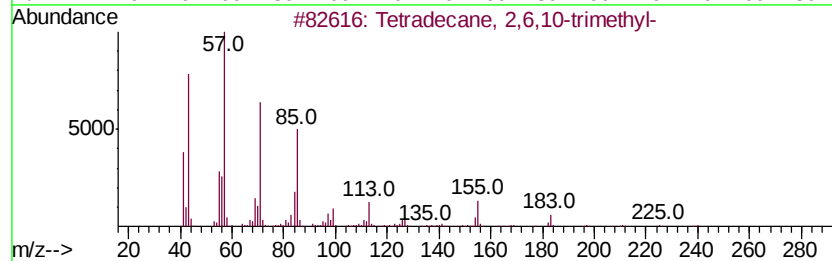
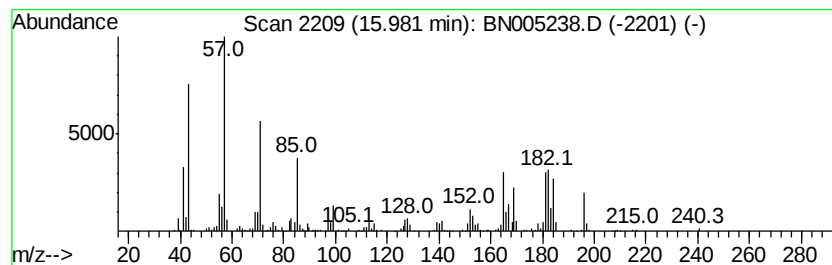
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.39 ng/ul	729750	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	42
3			Eicosane	282	C20H42	000112-95-8	35
4			Dodecane	170	C12H26	000112-40-3	35
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

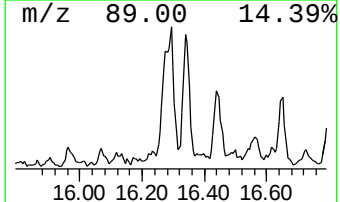
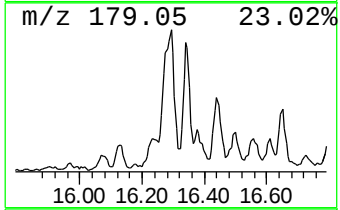
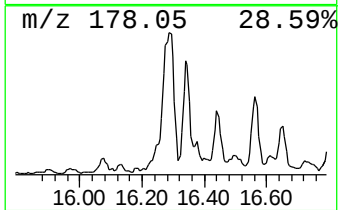
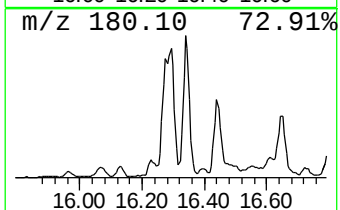
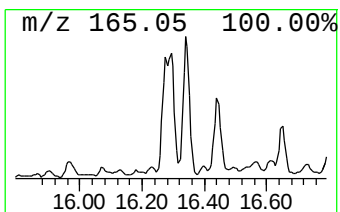
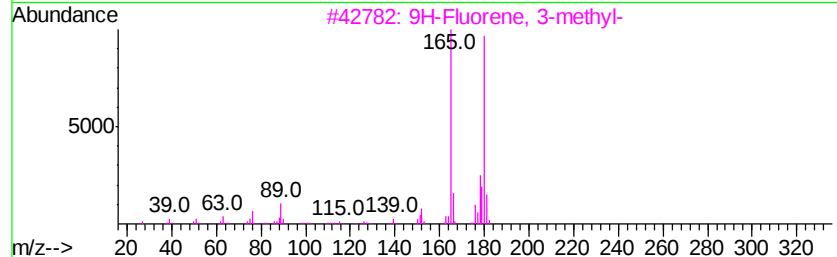
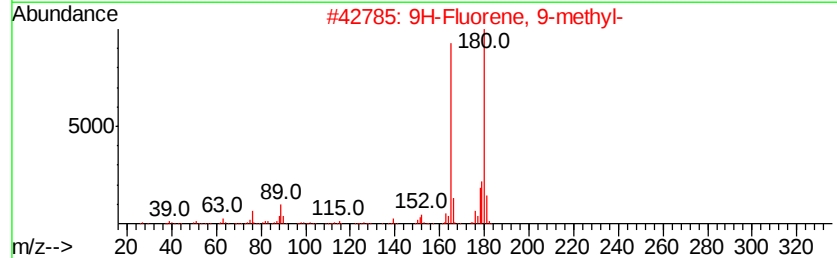
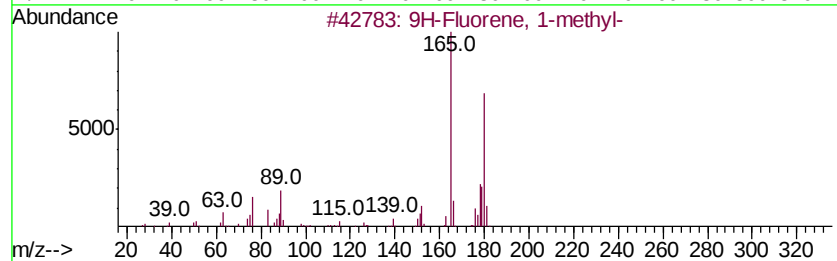
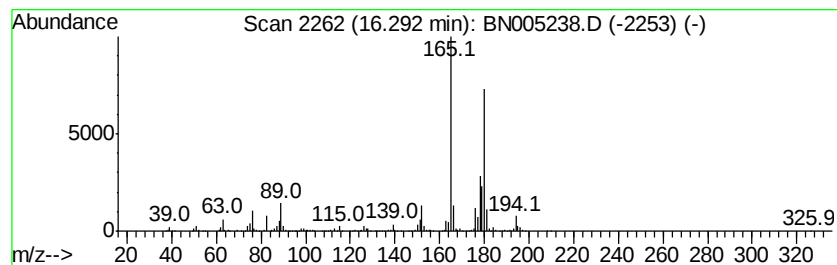
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.82 ng/ul	2077290	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

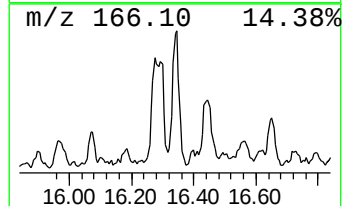
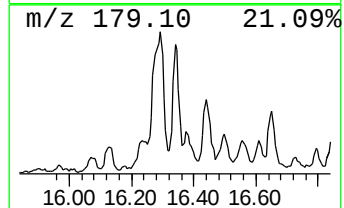
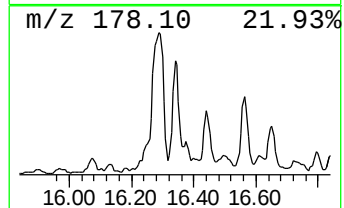
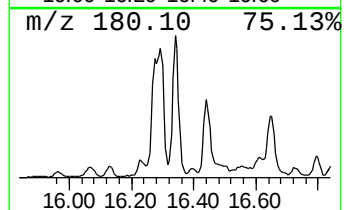
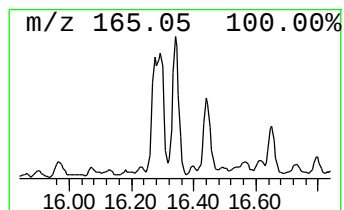
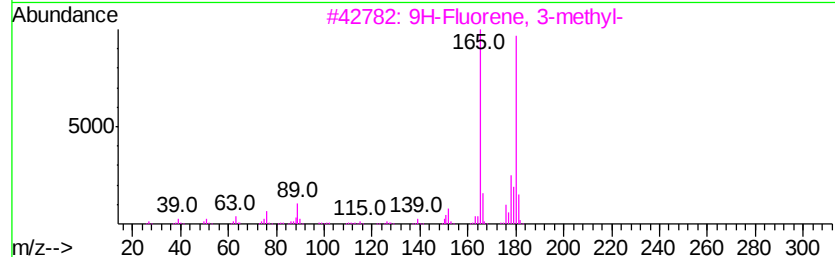
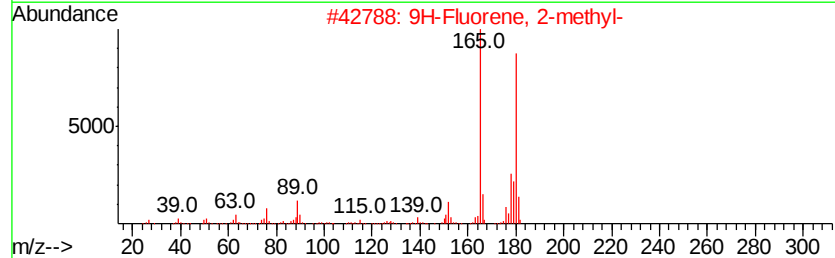
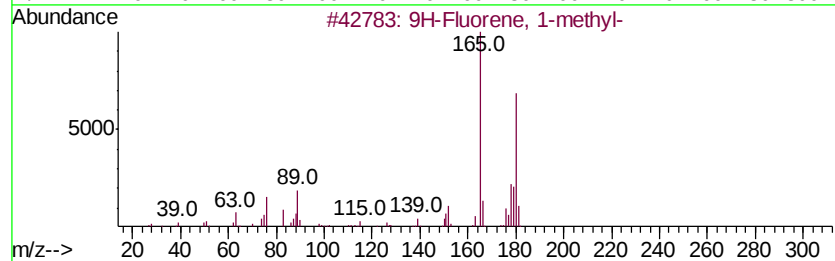
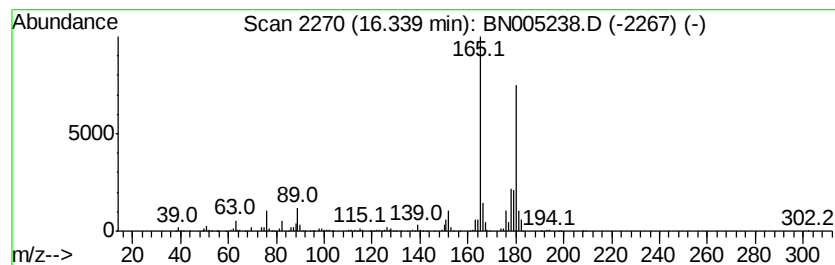
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluorene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.02 ng/ul	1225060	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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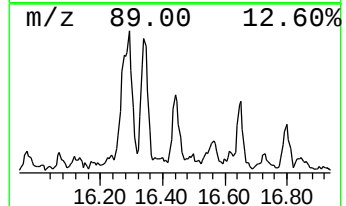
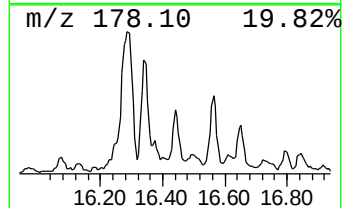
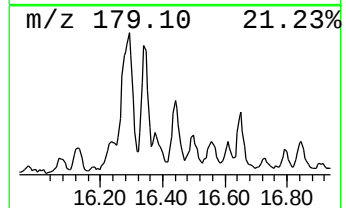
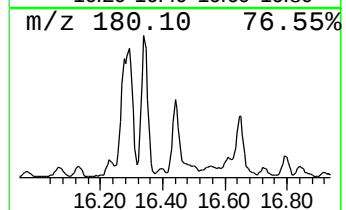
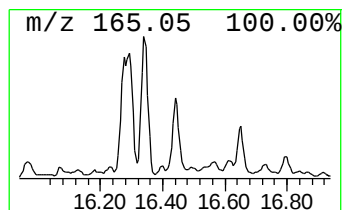
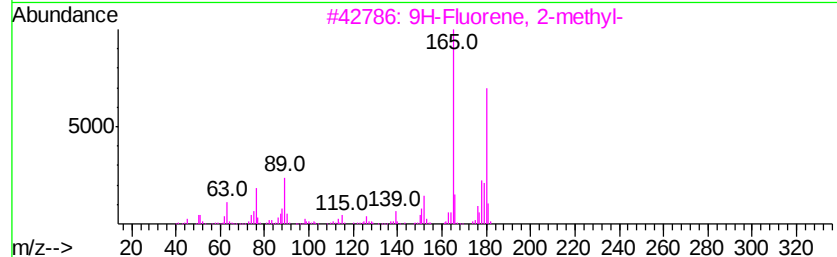
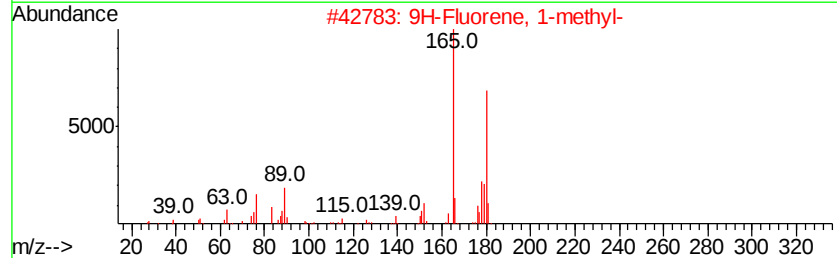
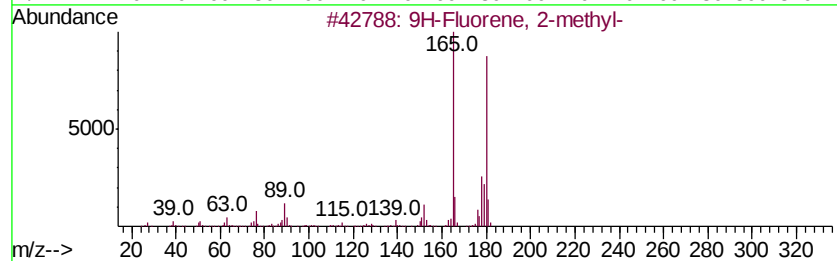
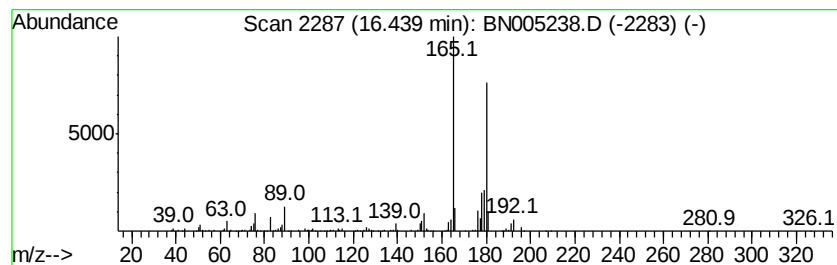
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluorene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.22 ng/ul	676256	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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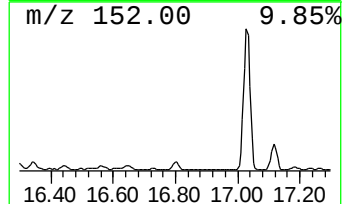
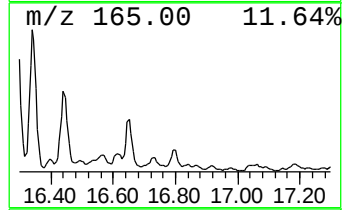
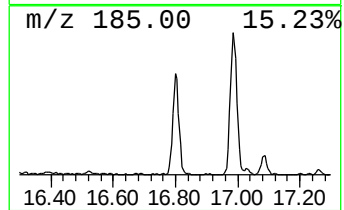
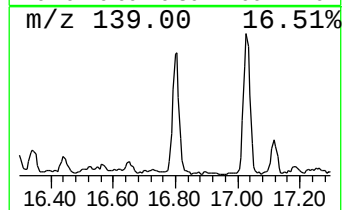
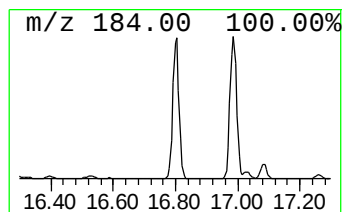
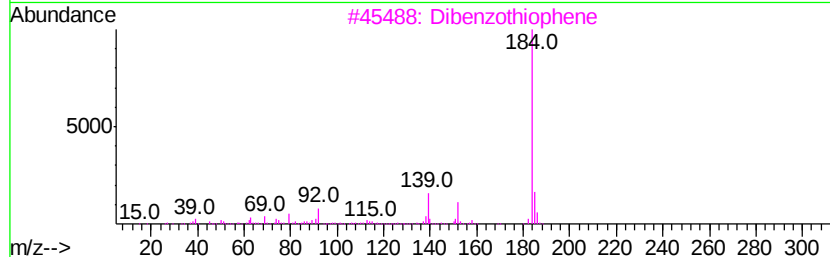
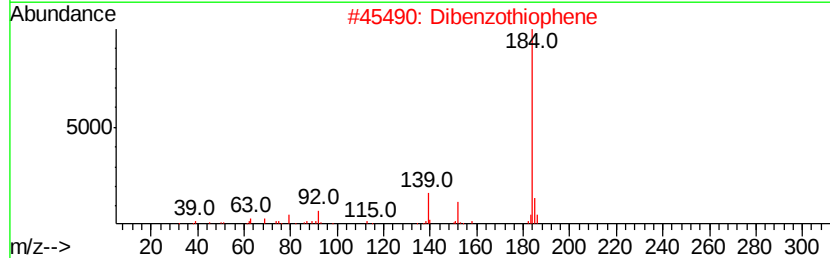
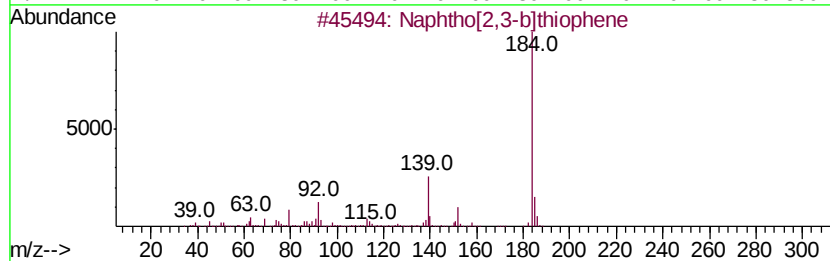
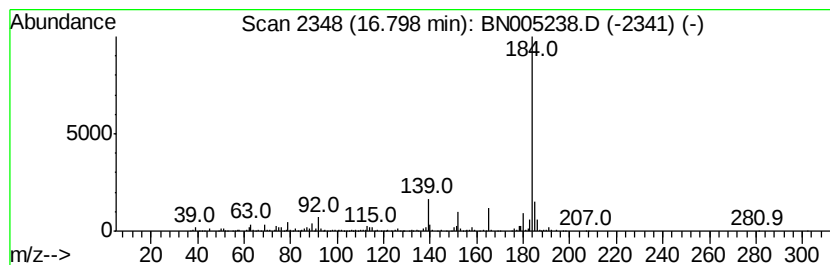
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphtho[2,3-b]thiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.50 ng/ul	1067870	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2		Dibenzothiophene	184	C12H8S	000132-65-0	91
3		Dibenzothiophene	184	C12H8S	000132-65-0	90
4		Dibenzothiophene	184	C12H8S	000132-65-0	90
5		Dibenzothiophene	184	C12H8S	000132-65-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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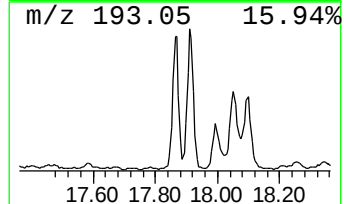
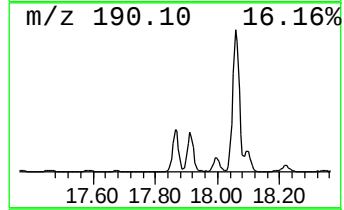
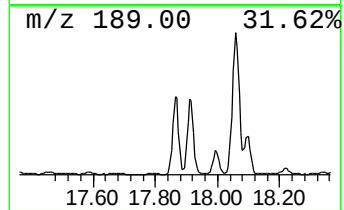
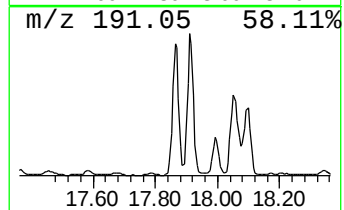
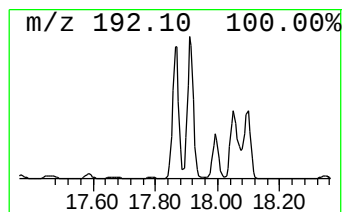
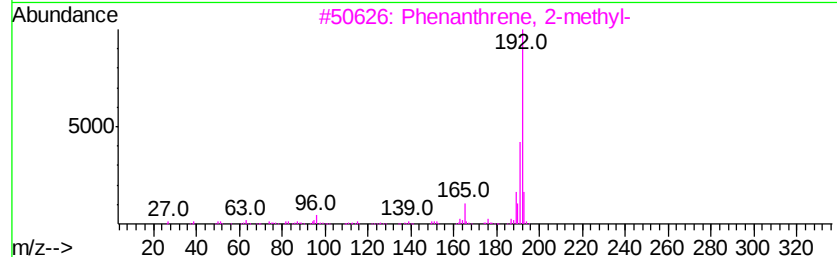
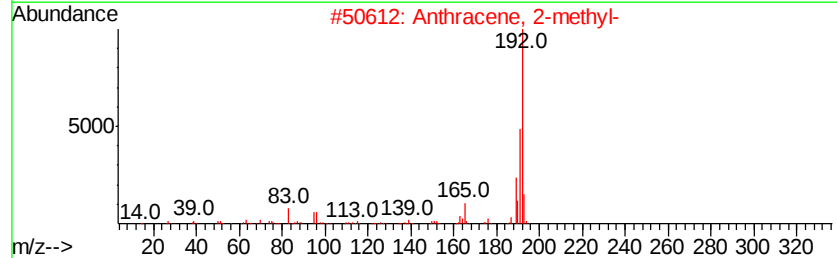
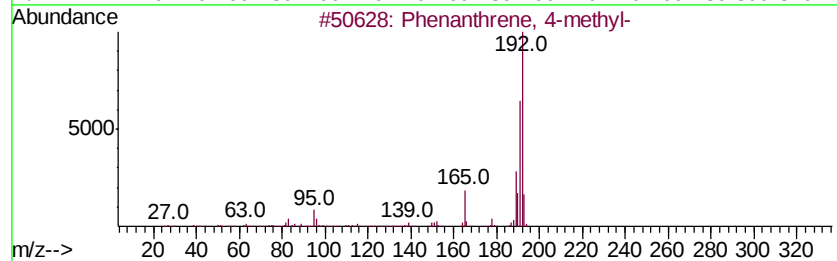
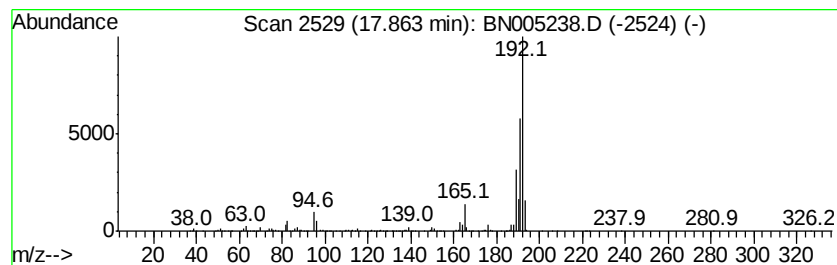
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	10.41 ng/ul	3171990	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
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Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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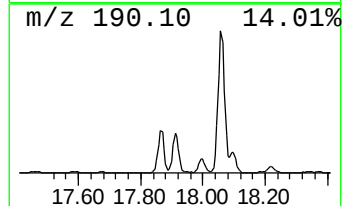
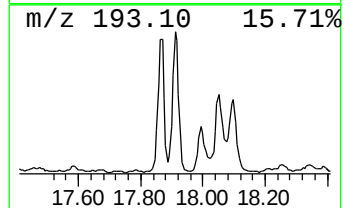
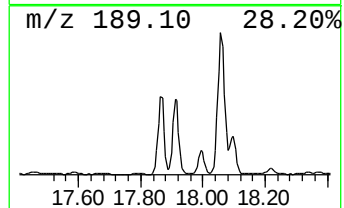
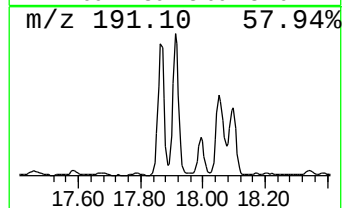
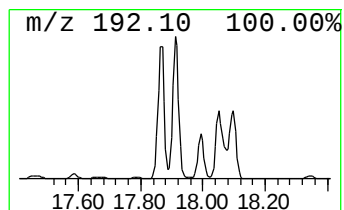
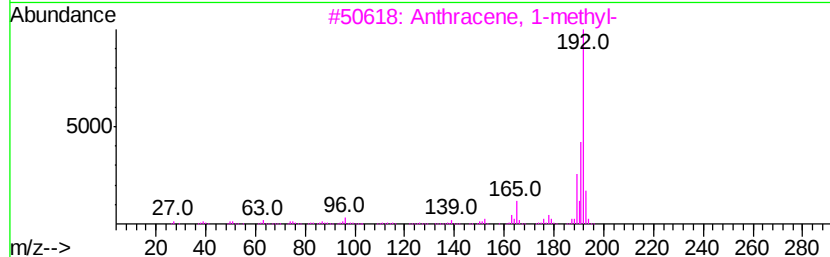
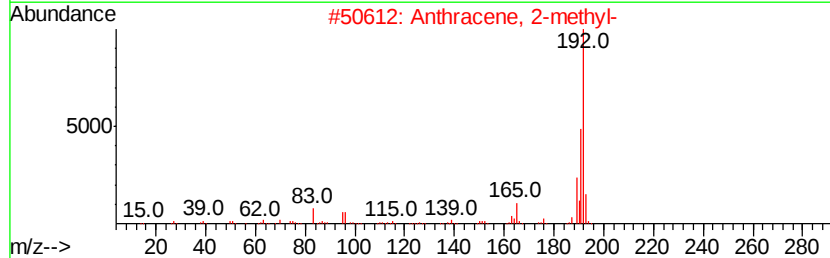
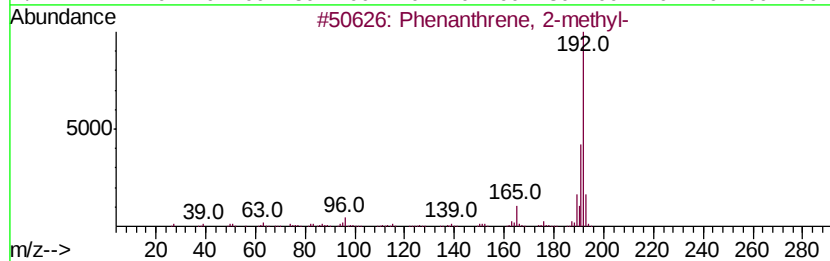
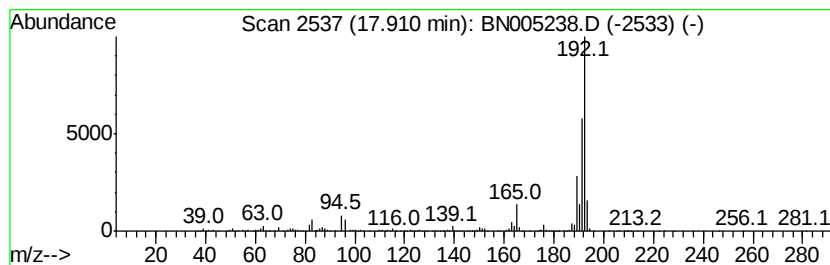
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	11.14 ng/ul	3395250	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	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\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8

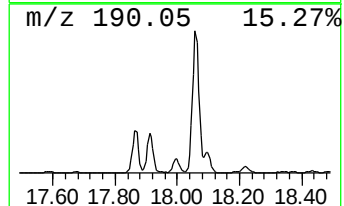
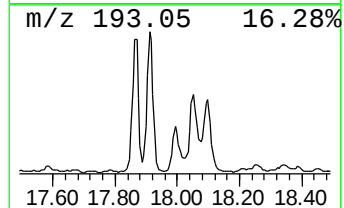
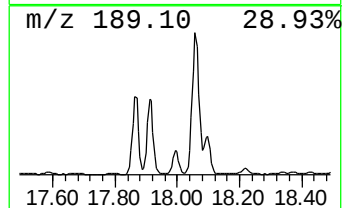
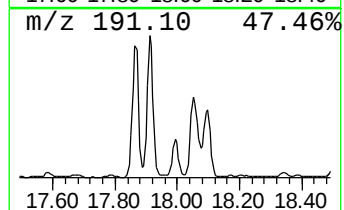
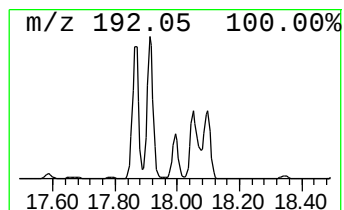
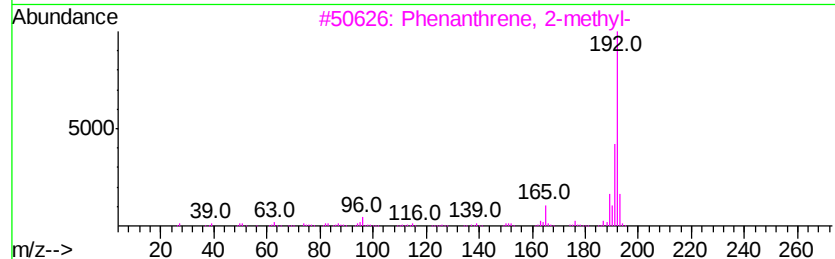
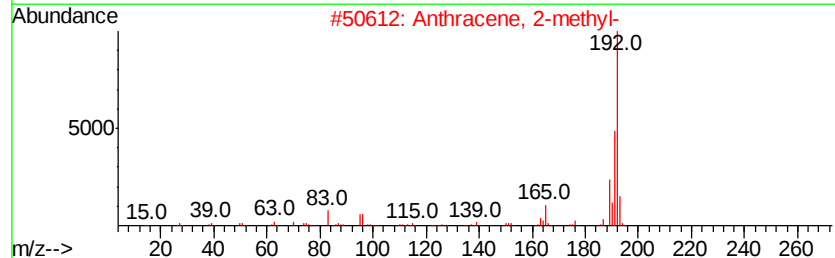
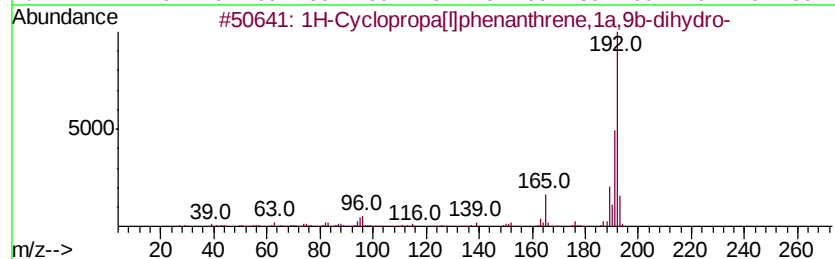
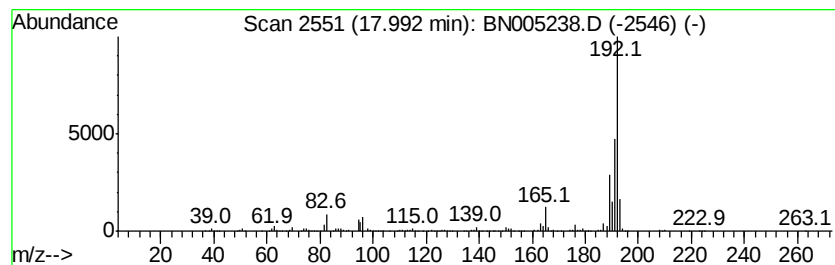
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1H-Cyclopropa[l]phenanthren... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.34 ng/ul	1016310	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

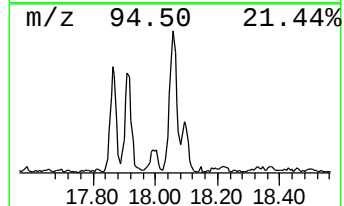
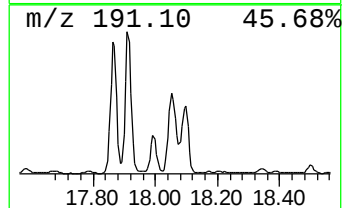
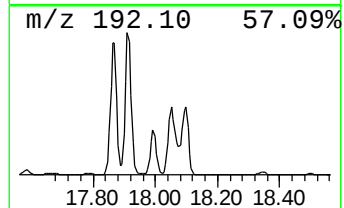
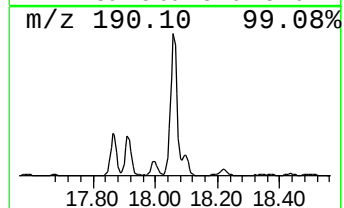
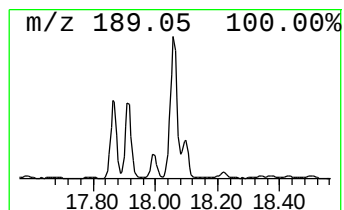
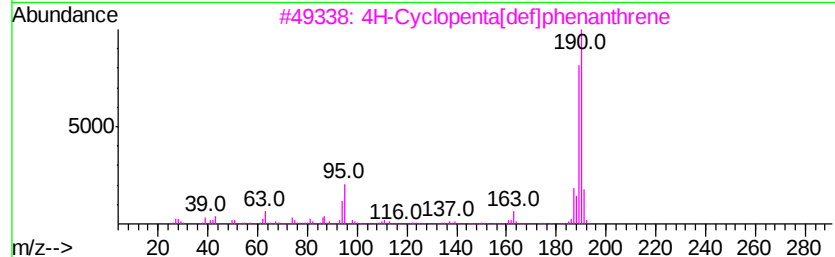
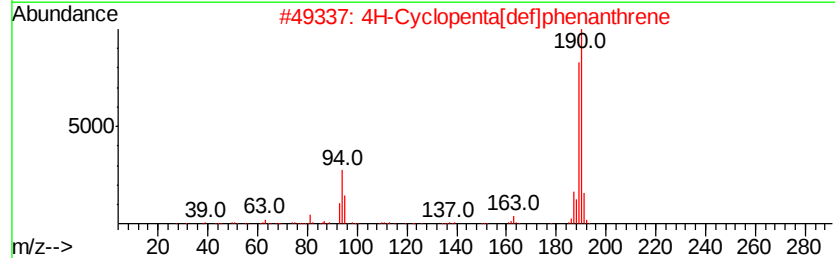
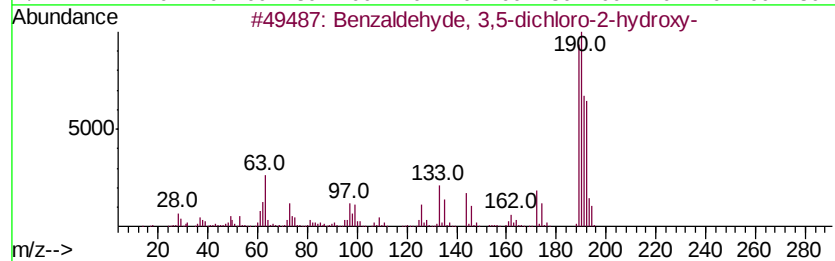
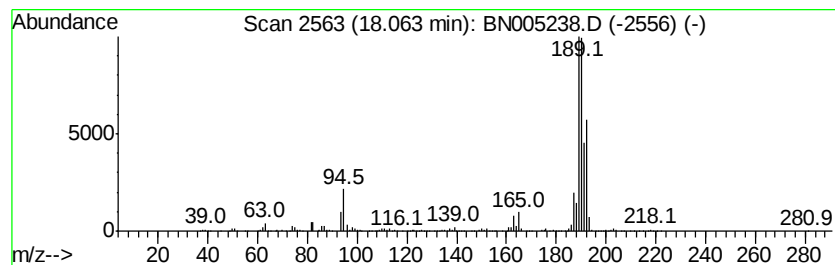
Instrument :
BNA_N
ClientSampleId :
GAHQ8

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

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

Peak Number 31 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.06	12.32 ng/ul	3753750	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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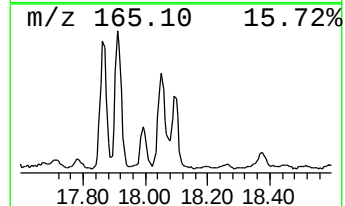
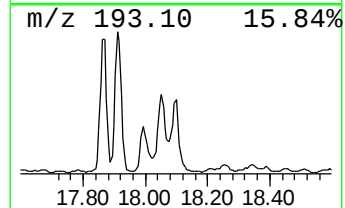
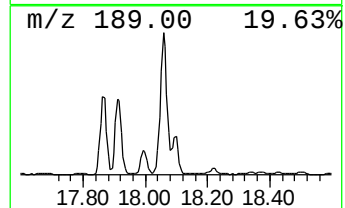
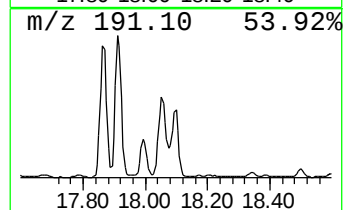
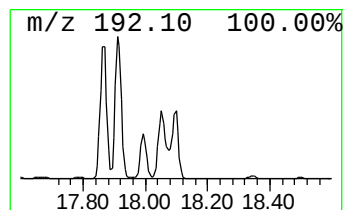
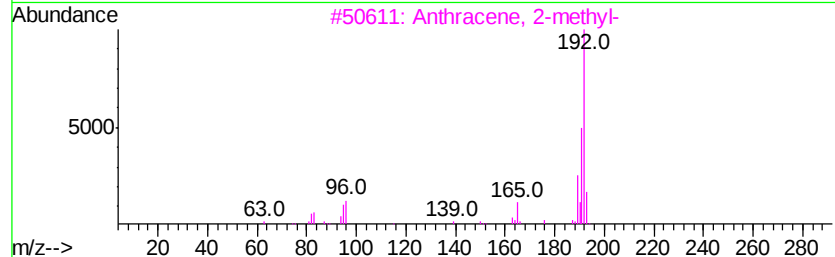
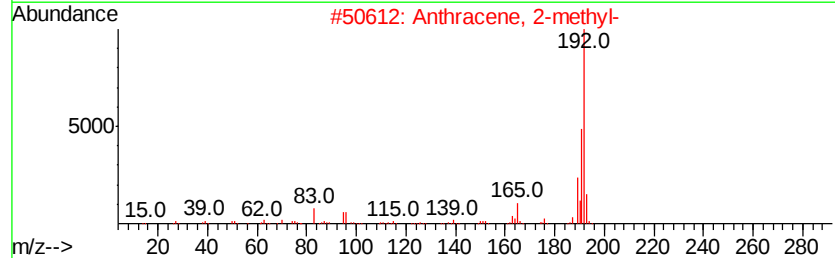
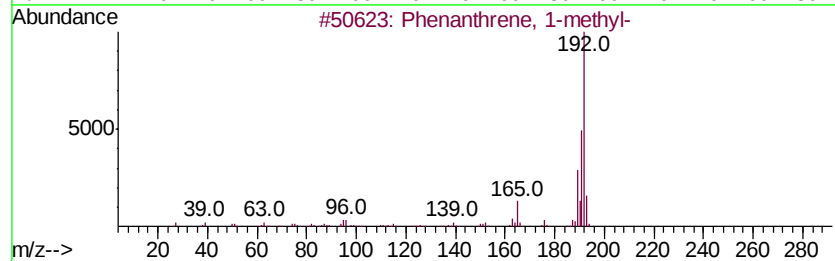
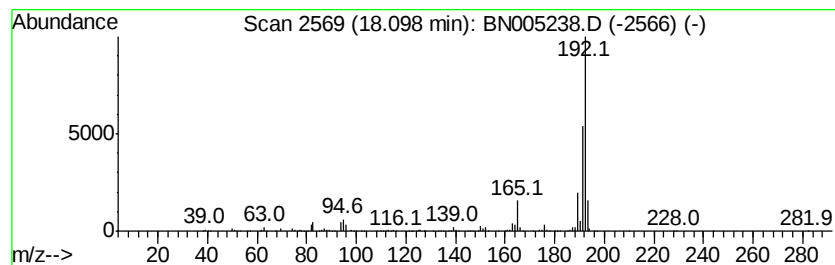
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	5.04 ng/ul	1536420	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
Operator : JU/SJ
Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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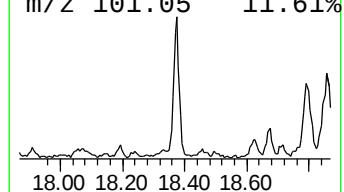
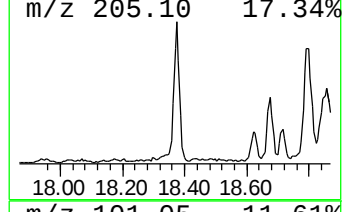
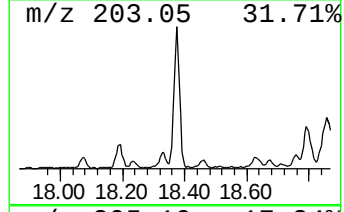
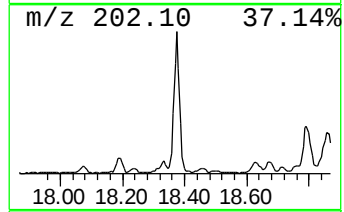
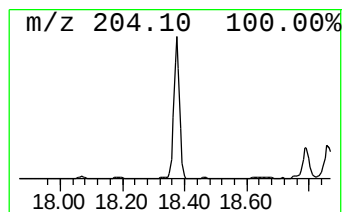
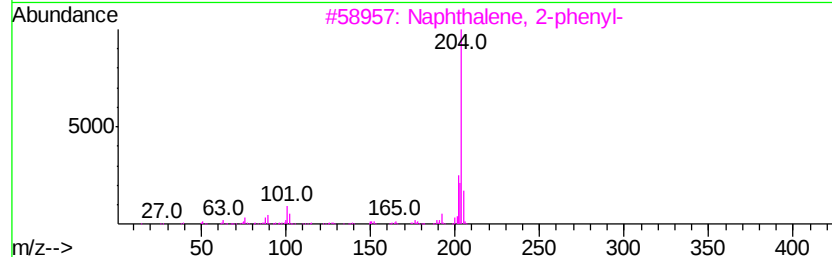
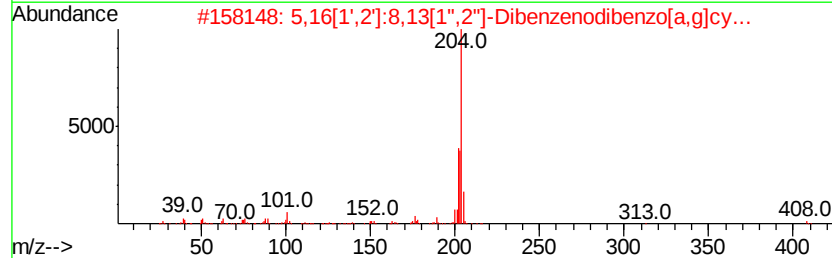
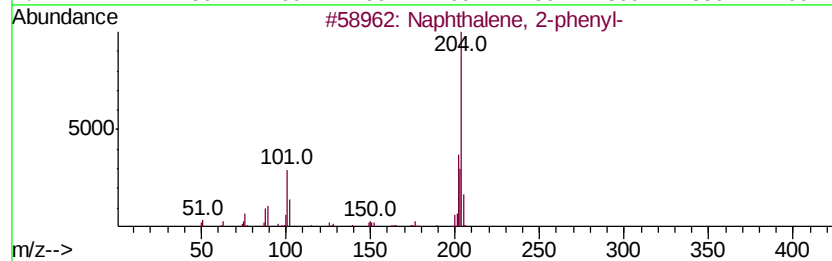
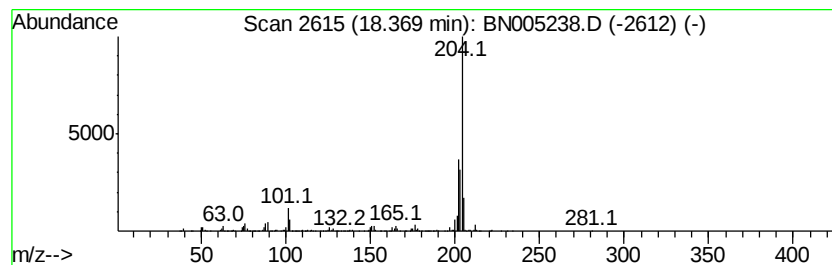
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Naphthalene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.91 ng/ul	1192280	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		2-Phenylnaphthalene	204	C16H12	035465-71-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005238.D
Acq On : 24 Apr 2019 05:25
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Sample : K2455-06 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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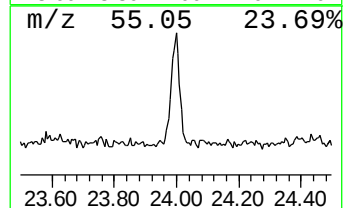
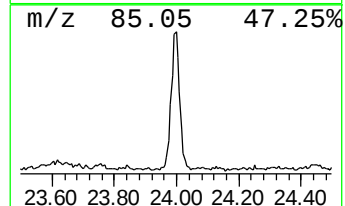
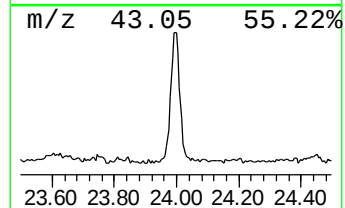
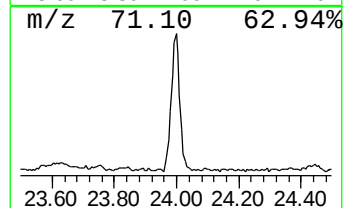
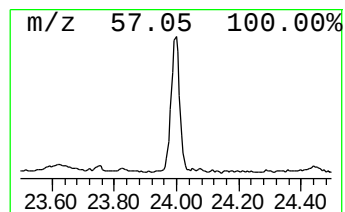
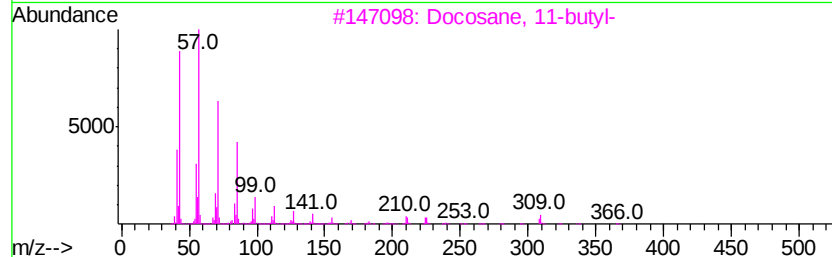
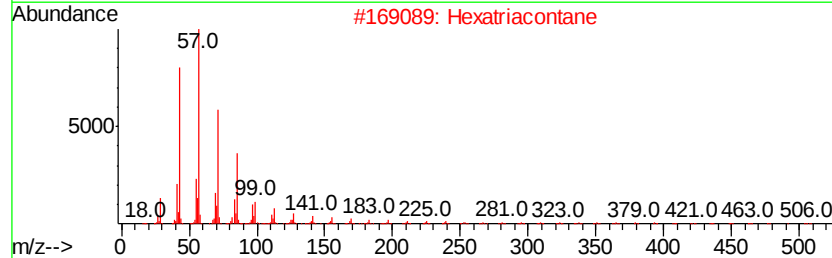
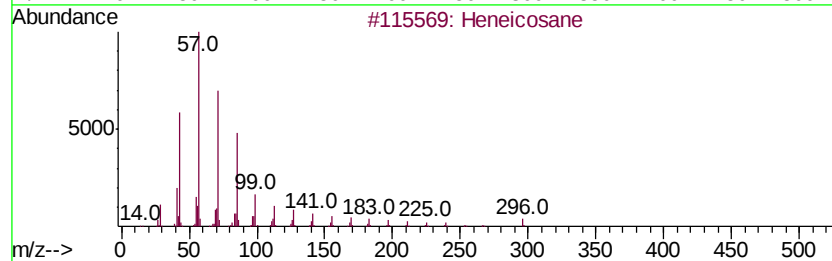
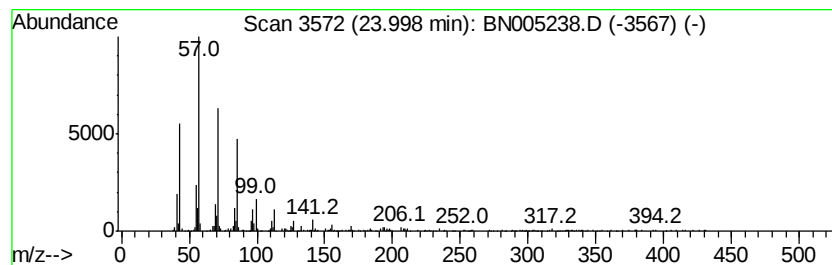
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.27 ng/ul	674511	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexatriacontane	507	C36H74	000630-06-8	91
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4			Octacosane	394	C28H58	000630-02-4	89
5			Heptacosane	380	C27H56	000593-49-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
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 Acq On : 24 Apr 2019 05:25
 Operator : JU/SJ
 Sample : K2455-06 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4-Nonadiyne	7.26	15.0	ng/ul	2576610	1	7.60	3434870	20.0
Benzene, 1-etheny...	7.35	2.6	ng/ul	453109	1	7.60	3434870	20.0
Indene	8.13	5.7	ng/ul	980093	1	7.60	3434870	20.0
Benzene, 1-etheny...	8.86	5.5	ng/ul	953410	1	7.60	3434870	20.0
Benzene, 1,2,4,5-...	9.27	2.4	ng/ul	677000	2	10.36	5735050	20.0
2-Methylindene	9.80	8.1	ng/ul	2325700	2	10.36	5735050	20.0
Benzene, 1-butyryl-	9.86	6.7	ng/ul	1906850	2	10.36	5735050	20.0
1H-Indene, 1,3-di...	11.40	2.1	ng/ul	592195	2	10.36	5735050	20.0
Naphthalene, 1,2-...	11.55	2.6	ng/ul	737738	2	10.36	5735050	20.0
(DEL) Alkane: Str...	11.81	5.4	ng/ul	1552940	2	10.36	5735050	20.0
1,4-Methanonaphth...	12.26	63.6	ng/ul	18242400	2	10.36	5735050	20.0
Naphthalene, 1-et...	13.26	10.3	ng/ul	4060160	3	14.23	7862980	20.0
Naphthalene, 2,6-...	13.39	16.6	ng/ul	6524990	3	14.23	7862980	20.0
Naphthalene, 1,3-...	13.55	25.5	ng/ul	10026400	3	14.23	7862980	20.0
Naphthalene, 2,3-...	13.79	10.0	ng/ul	3946080	3	14.23	7862980	20.0
(DEL) Alkane: Str...	14.16	2.2	ng/ul	851002	3	14.23	7862980	20.0
Naphthalene, 1,6,...	14.72	3.8	ng/ul	1485750	3	14.23	7862980	20.0
1,1'-Biphenyl, 3-...	14.84	7.2	ng/ul	2816900	3	14.23	7862980	20.0
Azulene, 4,6,8-tr...	14.91	2.7	ng/ul	1055780	3	14.23	7862980	20.0
L-Valine, N-[(9H-...	15.11	3.7	ng/ul	1463390	3	14.23	7862980	20.0
2-Hydroxyfluorene	15.58	2.2	ng/ul	873658	3	14.23	7862980	20.0
Benzaldehyde, 2,4...	15.70	4.3	ng/ul	1313260	4	16.99	6094790	20.0
(DEL) Alkane: Str...	15.98	2.4	ng/ul	729750	4	16.99	6094790	20.0
9H-Fluorene, 1-me...	16.29	6.8	ng/ul	2077290	4	16.99	6094790	20.0
9H-Fluorene, 3-me...	16.34	4.0	ng/ul	1225060	4	16.99	6094790	20.0
9H-Fluorene, 2-me...	16.44	2.2	ng/ul	676256	4	16.99	6094790	20.0
Naphtho[2,3-b]thi...	16.80	3.5	ng/ul	1067870	4	16.99	6094790	20.0
Phenanthrene, 4-m...	17.86	10.4	ng/ul	3171990	4	16.99	6094790	20.0
Phenanthrene, 2-m...	17.91	11.1	ng/ul	3395250	4	16.99	6094790	20.0
1H-Cyclopropa[1]p...	17.99	3.3	ng/ul	1016310	4	16.99	6094790	20.0
Benzaldehyde, 3,5...	18.06	12.3	ng/ul	3753750	4	16.99	6094790	20.0
Phenanthrene, 1-m...	18.10	5.0	ng/ul	1536420	4	16.99	6094790	20.0
Naphthalene, 2-ph...	18.37	3.9	ng/ul	1192280	4	16.99	6094790	20.0
(DEL) Alkane: Str...	24.00	2.3	ng/ul	674511	6	23.42	5949630	20.0