

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005195.D
 Acq On : 23 Apr 2019 03:55
 Operator : JU/SJ
 Sample : K2402-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH8

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.775	637	644	651	rVV	1506735	2357482	3.98%	0.421%
2	6.946	666	673	679	rBV	1217114	1832809	3.09%	0.327%
3	7.134	695	705	713	rBV	1498646	2326665	3.92%	0.415%
4	7.257	720	726	734	rVV2	818906	1369219	2.31%	0.244%
5	7.599	776	784	791	rBV	2066272	3221851	5.43%	0.575%
6	8.122	864	873	883	rBV	2444187	3950534	6.66%	0.705%
7	8.293	896	902	910	rVB	1427993	2231522	3.76%	0.398%
8	8.734	972	977	989	rVB	1440834	2425891	4.09%	0.433%
9	9.451	1090	1099	1107	rVB	1132957	1946338	3.28%	0.347%
10	9.799	1143	1158	1164	rBV3	1039084	2581946	4.36%	0.461%
11	9.863	1164	1169	1174	rBV	853424	1722709	2.91%	0.307%
12	9.981	1183	1189	1198	rVB	1786593	2996079	5.05%	0.535%
13	10.363	1246	1254	1257	rBV	3109893	5573849	9.40%	0.994%
14	10.428	1257	1265	1271	rVB2	29609760	59283461	100.00%	10.576%
15	10.493	1271	1276	1280	rBV	1083905	1884320	3.18%	0.336%
16	12.040	1529	1539	1545	rBV	19051870	32549707	54.91%	5.807%
17	12.257	1564	1576	1586	rVB	13013703	21512720	36.29%	3.838%
18	13.057	1706	1712	1722	rBV	4128274	6500311	10.96%	1.160%
19	13.257	1740	1746	1758	rVB	921279	2185377	3.69%	0.390%
20	13.387	1762	1768	1770	rBV	2973193	4477093	7.55%	0.799%
21	13.551	1788	1796	1801	rBV	5724286	9855898	16.63%	1.758%
22	13.604	1801	1805	1809	rVV	3288399	4393486	7.41%	0.784%
23	13.651	1809	1813	1815	rVV	2698136	3556633	6.00%	0.635%
24	13.687	1815	1819	1825	rVB2	2395463	4230636	7.14%	0.755%
25	13.787	1831	1836	1840	rBV	2621931	4078158	6.88%	0.728%
26	13.922	1852	1859	1861	rBV	3450215	5704325	9.62%	1.018%
27	13.951	1861	1864	1872	rVB	8005262	11028196	18.60%	1.967%
28	14.228	1903	1911	1918	rVV4	5313864	10680637	18.02%	1.905%
29	14.292	1918	1922	1925	rVV	1729853	2455014	4.14%	0.438%
30	14.328	1925	1928	1932	rVV	868437	1134049	1.91%	0.202%
31	14.428	1940	1945	1957	rVB2	1079644	2305719	3.89%	0.411%
32	14.634	1970	1980	1988	rBV2	2016229	3934511	6.64%	0.702%
33	14.716	1989	1994	1998	rVB	1294873	1731503	2.92%	0.309%
34	14.851	2010	2017	2023	rBV3	1168046	2974142	5.02%	0.531%

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35	14.910	2023	2027	2031	rVB	914589	1171662	1.98%	0.209%
36	15.028	2045	2047	2050	rVV	675885	871538	1.47%	0.155%
37	15.110	2056	2061	2067	rVB2	1241864	2055675	3.47%	0.367%
38	15.228	2076	2081	2086	rVB	5295888	7438008	12.55%	1.327%
39	15.286	2086	2091	2099	rBV	9295672	14307558	24.13%	2.552%
40	15.581	2136	2141	2145	rBV	990881	1522198	2.57%	0.272%
41	15.698	2156	2161	2164	rBV	1370120	2040122	3.44%	0.364%
42	15.981	2202	2209	2212	rBV3	399140	868769	1.47%	0.155%
43	16.292	2255	2262	2267	rBV	1852689	3582926	6.04%	0.639%
44	16.339	2267	2270	2276	rVB	1286069	1806128	3.05%	0.322%
45	16.439	2282	2287	2293	rVB	1161443	1733942	2.92%	0.309%
46	16.645	2318	2322	2329	rVB3	581734	1080224	1.82%	0.193%
47	16.798	2342	2348	2353	rBV	3084656	4719473	7.96%	0.842%
48	16.986	2374	2380	2383	rBV	5751985	8977553	15.14%	1.602%
49	17.039	2383	2389	2393	rVV	28022677	44772558	75.52%	7.987%
50	17.086	2393	2397	2399	rVV	4288669	5760274	9.72%	1.028%
51	17.122	2399	2403	2408	rVB	7824550	10656225	17.98%	1.901%
52	17.516	2465	2470	2474	rBV2	1092292	1489143	2.51%	0.266%
53	17.563	2474	2478	2485	rVB2	1456496	2163606	3.65%	0.386%
54	17.710	2498	2503	2510	rVB2	1025787	1909759	3.22%	0.341%
55	17.863	2524	2529	2533	rBV	5515835	7765692	13.10%	1.385%
56	17.910	2533	2537	2545	rVB	6224951	8658311	14.60%	1.545%
57	17.992	2546	2551	2556	rBV	2051980	2831104	4.78%	0.505%
58	18.057	2556	2562	2566	rVV2	7754381	13825075	23.32%	2.466%
59	18.092	2566	2568	2578	rVB	3644569	4720551	7.96%	0.842%
60	18.375	2611	2616	2620	rBV	2773491	3981151	6.72%	0.710%
61	18.622	2655	2658	2662	rVV2	700004	1051753	1.77%	0.188%
62	18.675	2663	2667	2670	rVV	901663	1363329	2.30%	0.243%
63	18.792	2682	2687	2692	rBV2	2517425	4082798	6.89%	0.728%
64	18.857	2692	2698	2701	rBV3	1555259	2738502	4.62%	0.489%
65	18.886	2701	2703	2707	rVB	1078479	1145925	1.93%	0.204%
66	18.933	2707	2711	2713	rBV	720617	1101799	1.86%	0.197%
67	19.063	2726	2733	2741	rBV	13474922	18941385	31.95%	3.379%
68	19.210	2754	2758	2763	rVB	2880894	3689117	6.22%	0.658%
69	19.398	2784	2790	2791	rBV2	4751155	6449408	10.88%	1.151%
70	19.427	2791	2795	2804	rVB	17126190	25519963	43.05%	4.553%
71	19.510	2804	2809	2814	rVB3	518811	902820	1.52%	0.161%

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72	19.757	2846	2851	2862	rVB	1530302	3272638	5.52%	0.584%
73	19.892	2869	2874	2877	rVV3	1452800	2746367	4.63%	0.490%
74	19.927	2877	2880	2885	rVB	3408389	4513806	7.61%	0.805%
75	20.033	2893	2898	2902	rVV	2792430	3742968	6.31%	0.668%
76	20.086	2903	2907	2912	rVV	2315156	2910053	4.91%	0.519%
77	20.227	2927	2931	2935	rBV	1672771	2093320	3.53%	0.373%
78	20.274	2935	2939	2944	rVB	2240652	2953384	4.98%	0.527%
79	20.851	3034	3037	3041	rVB	1020661	1182381	1.99%	0.211%
80	20.892	3041	3044	3047	rVV	1592983	1783941	3.01%	0.318%
81	20.927	3047	3050	3052	rVV	961894	1115553	1.88%	0.199%
82	20.957	3052	3055	3066	rVB3	1159761	2242356	3.78%	0.400%
83	21.198	3091	3096	3102	rBV2	8985271	19426304	32.77%	3.466%
84	21.245	3102	3104	3112	rVB	5819787	7602216	12.82%	1.356%
85	21.763	3189	3192	3197	rVV	1682415	2249038	3.79%	0.401%
86	21.810	3197	3200	3204	rVB	816328	931409	1.57%	0.166%
87	21.951	3221	3224	3227	rBV	814115	1128502	1.90%	0.201%
88	21.986	3227	3230	3235	rVB2	1306728	1740497	2.94%	0.311%
89	22.304	3281	3284	3288	rVB2	775435	945979	1.60%	0.169%
90	22.763	3355	3362	3366	rBV2	2601943	6228599	10.51%	1.111%
91	22.921	3385	3389	3397	rVB	811169	1365571	2.30%	0.244%
92	23.221	3434	3440	3444	rBV	2099554	3886524	6.56%	0.693%
93	23.268	3444	3448	3452	rVV2	2754121	4935435	8.33%	0.880%
94	23.315	3452	3456	3461	rVV	3879838	6323775	10.67%	1.128%
95	23.410	3467	3472	3477	rVB	3629530	6295325	10.62%	1.123%
96	23.998	3567	3572	3578	rBV	690094	1209733	2.04%	0.216%
97	24.245	3610	3614	3627	rVB2	610217	1346875	2.27%	0.240%
98	24.727	3691	3696	3702	rVB2	571387	1105132	1.86%	0.197%
99	25.580	3833	3841	3852	rVB	1584958	4347220	7.33%	0.776%
100	26.239	3947	3953	3964	rVB	857657	2223319	3.75%	0.397%

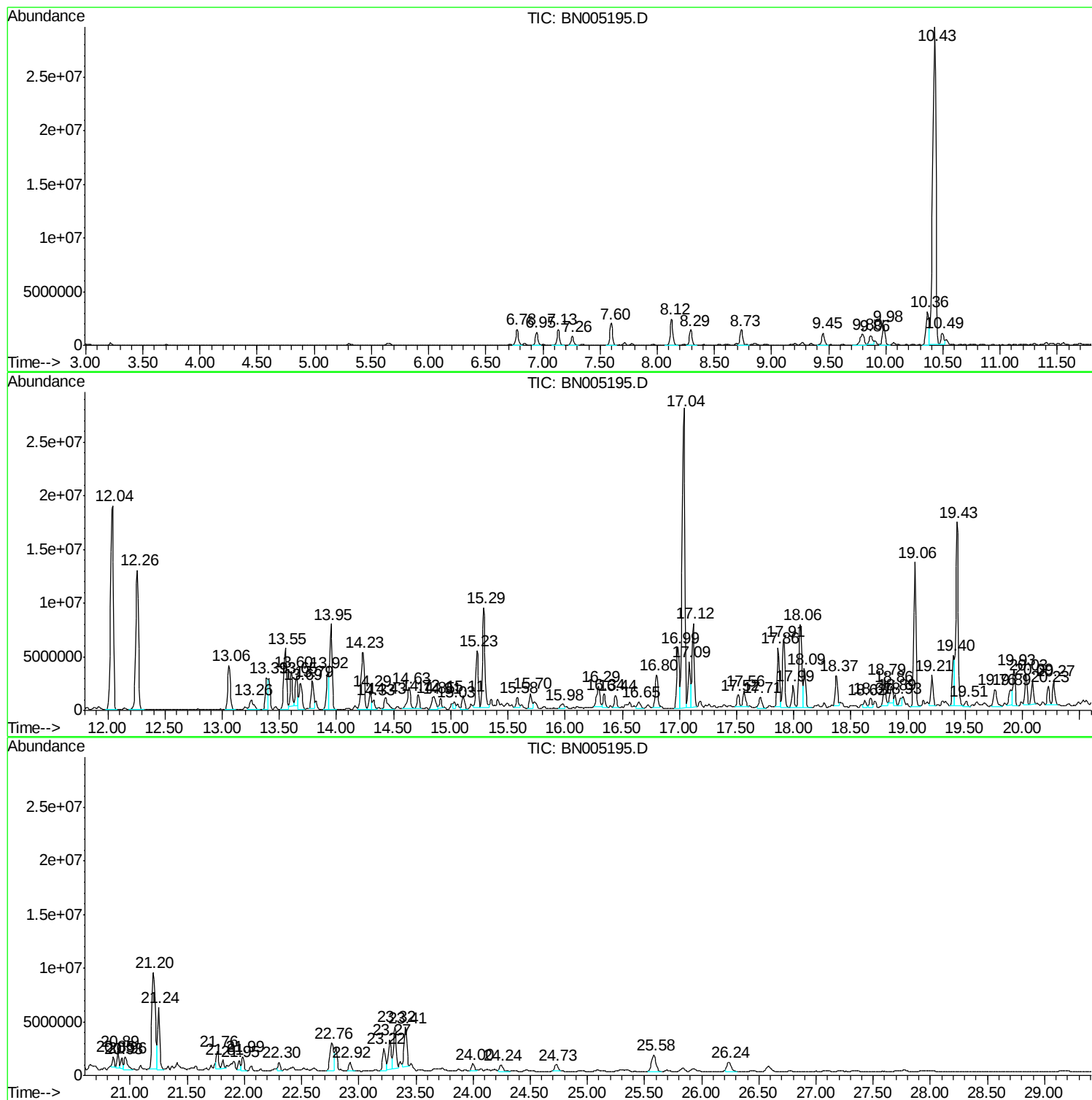
Sum of corrected areas: 560537034

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

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



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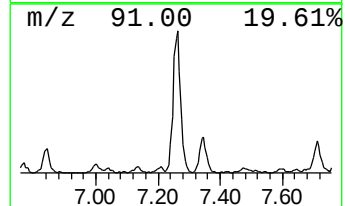
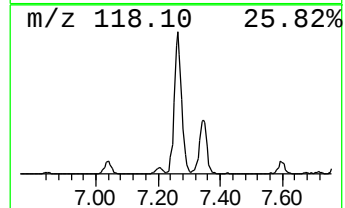
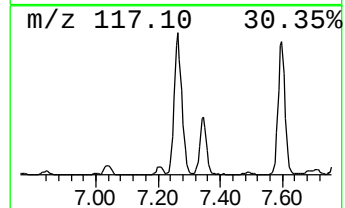
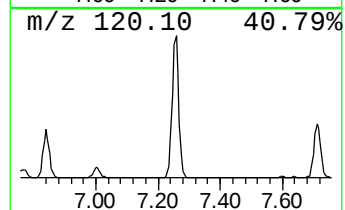
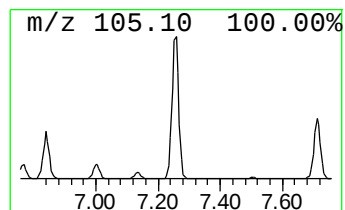
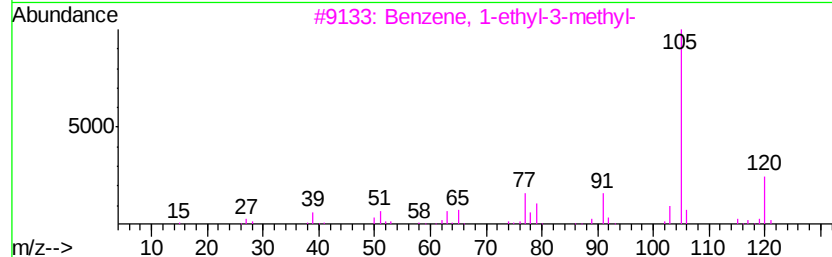
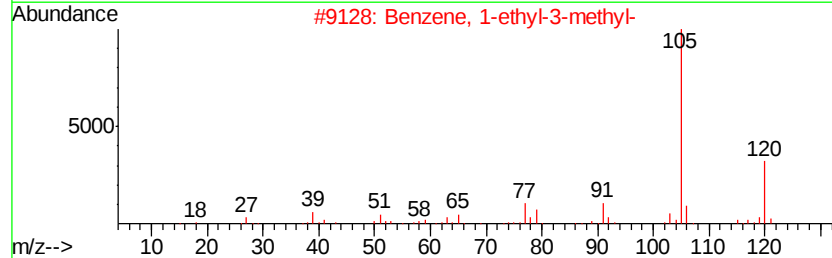
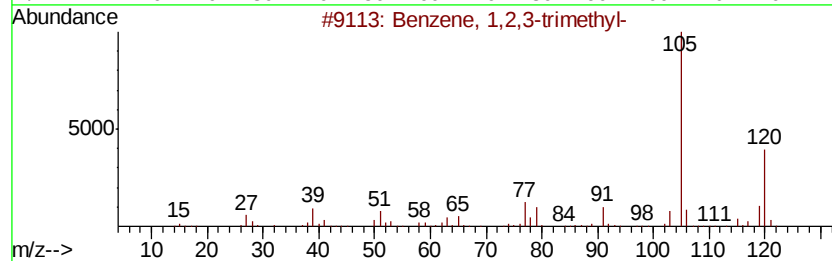
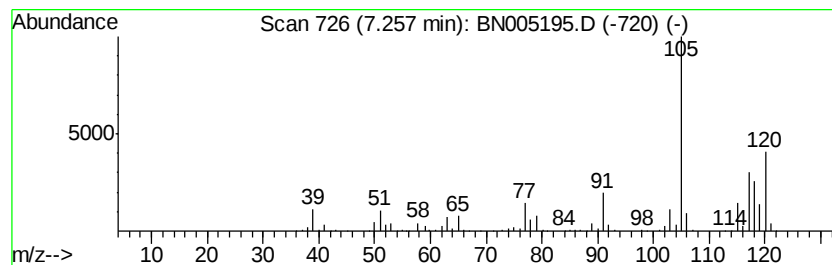
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	8.50 ng/ul	1369220	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5		2,4-Nonadiyne	120	C9H12	063621-15-8	60



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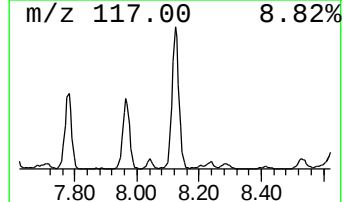
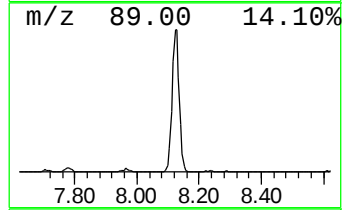
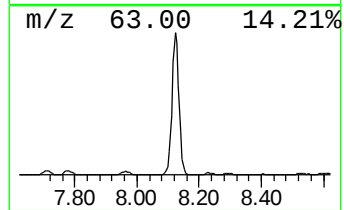
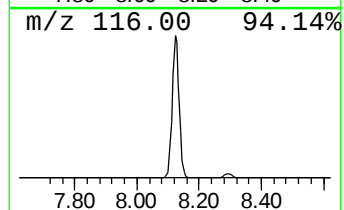
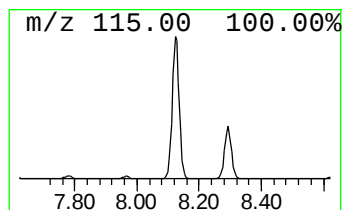
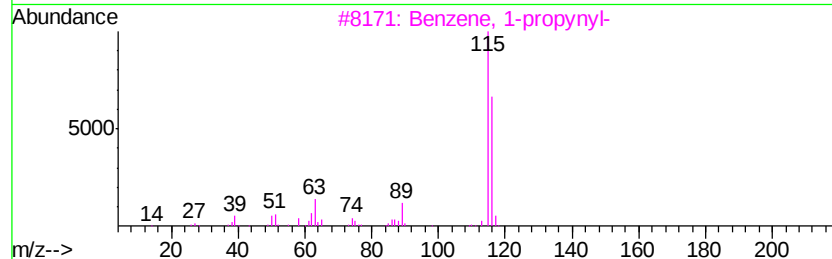
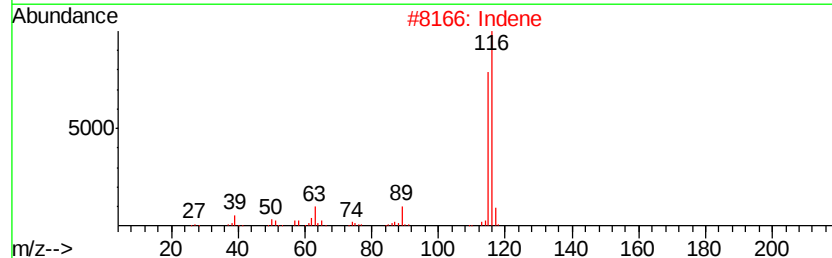
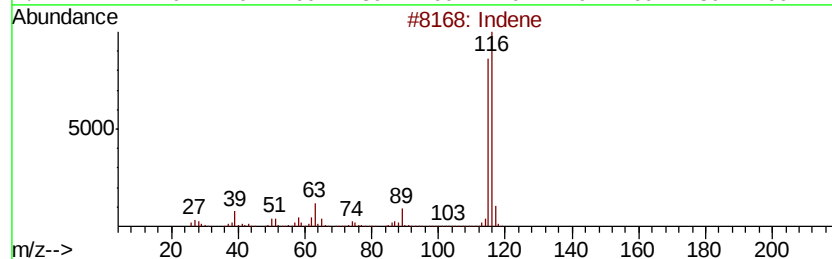
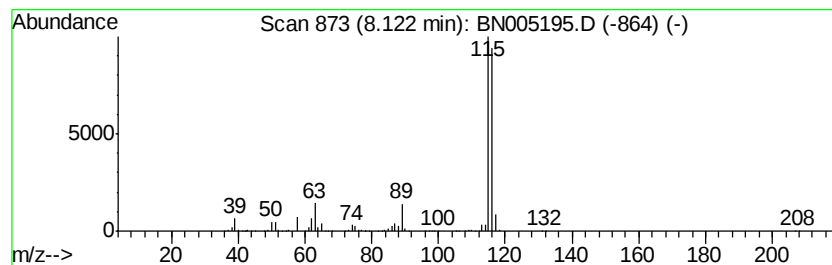
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	24.52 ng/ul	3950530	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	93
2		Indene	116	C9H8	000095-13-6	93
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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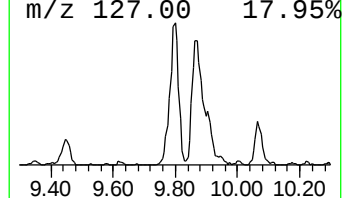
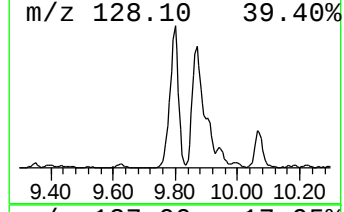
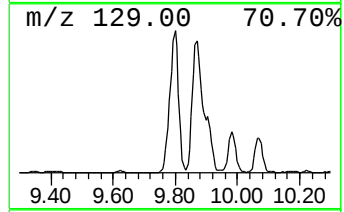
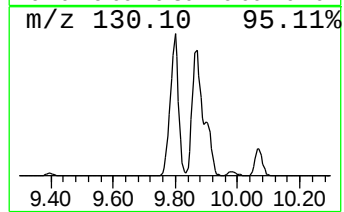
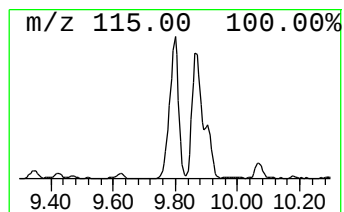
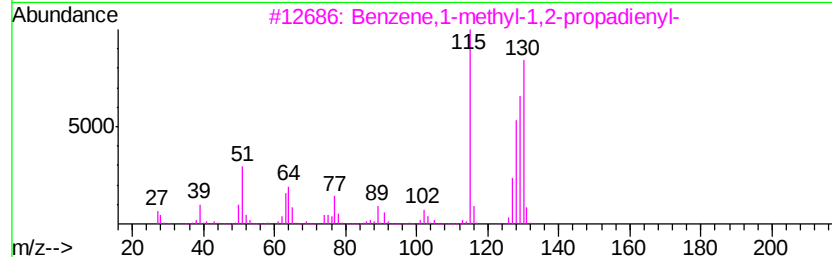
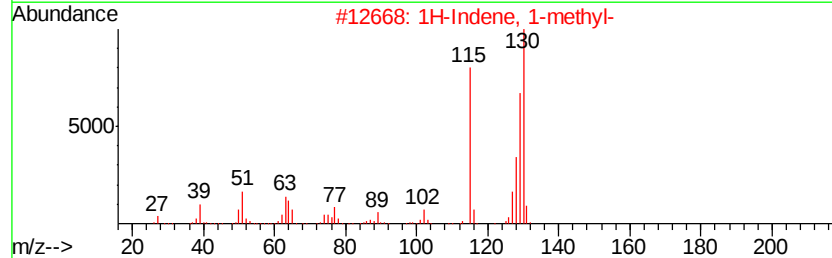
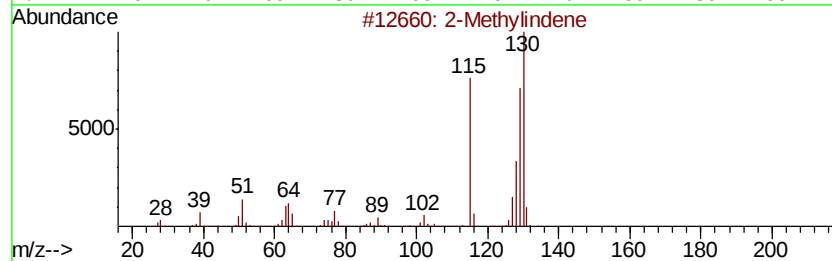
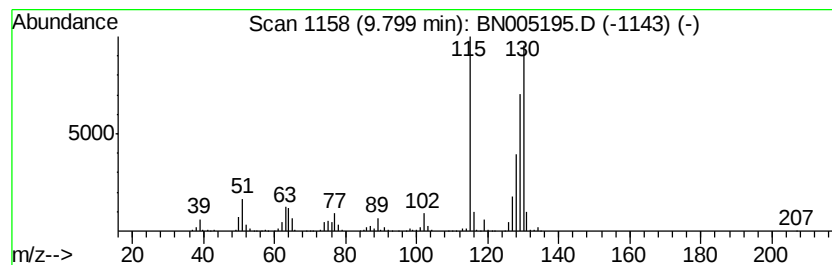
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TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	9.26 ng/ul	2581950	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	96
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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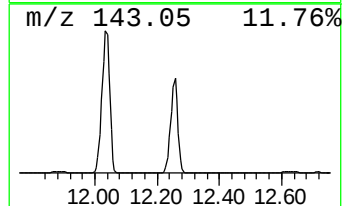
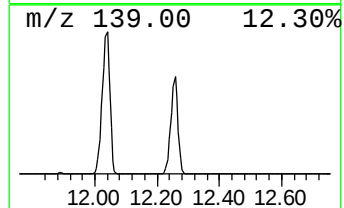
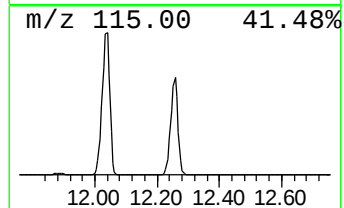
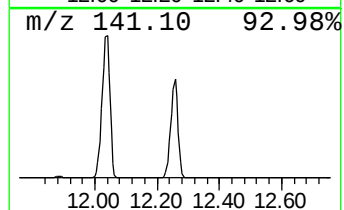
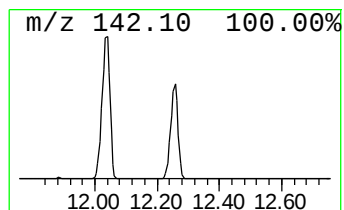
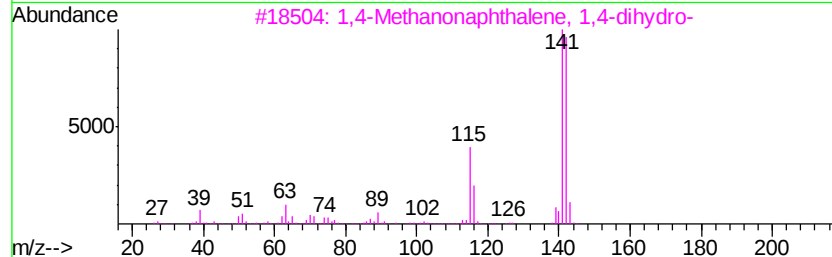
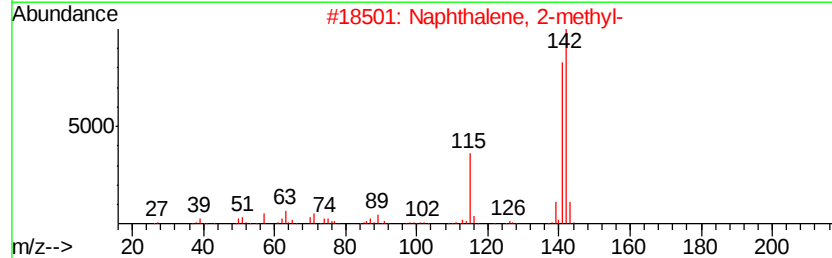
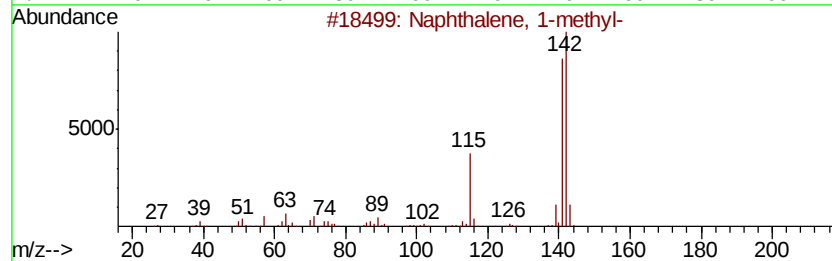
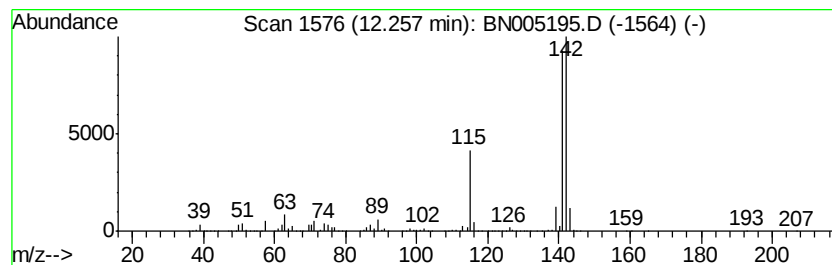
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	77.19 ng/ul	21512700	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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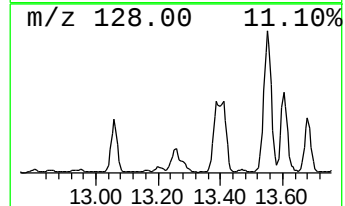
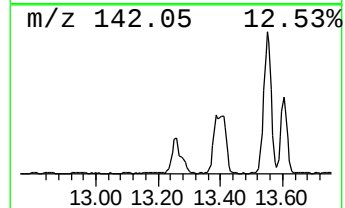
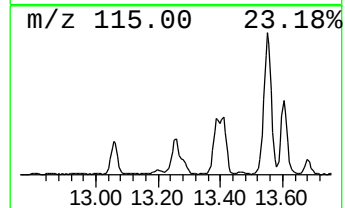
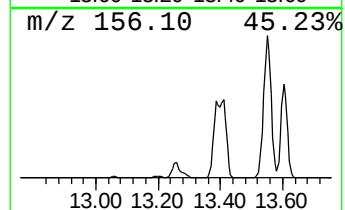
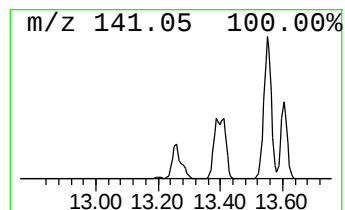
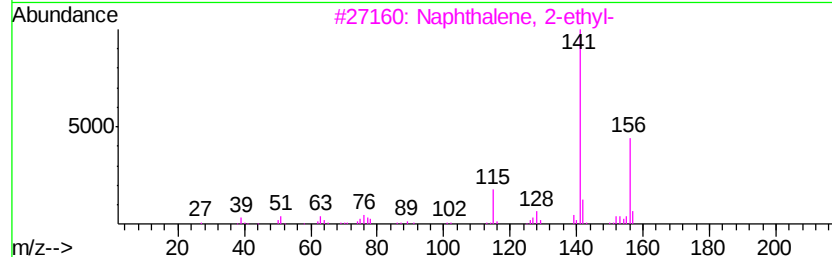
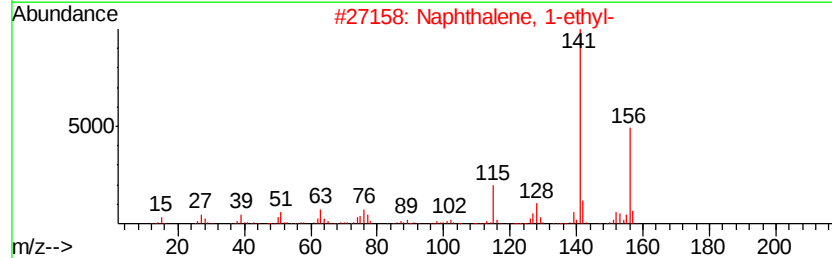
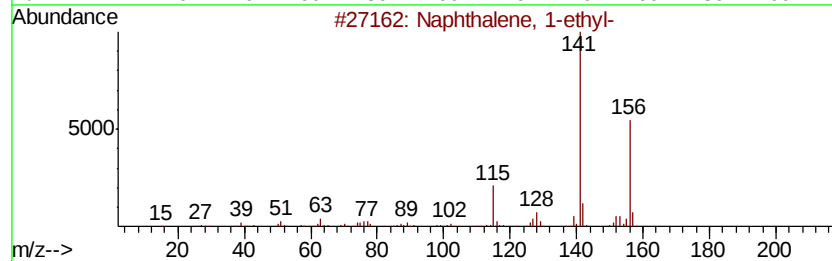
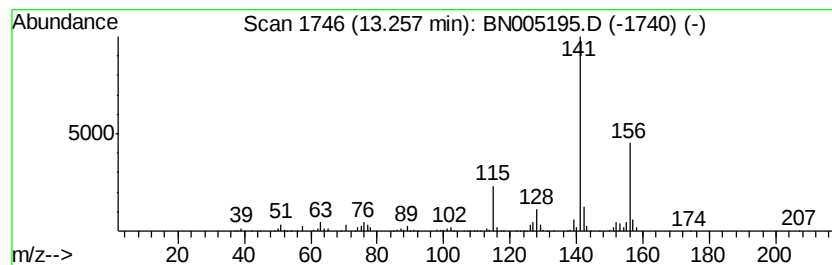
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.09 ng/ul	2185380	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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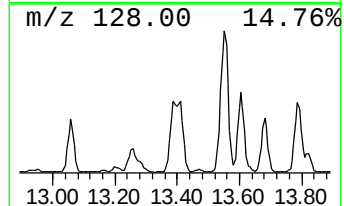
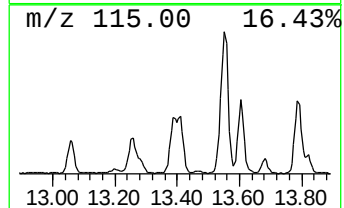
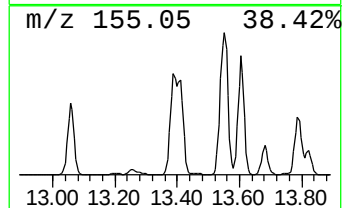
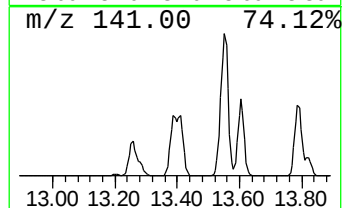
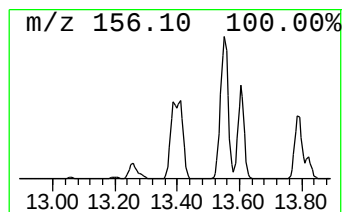
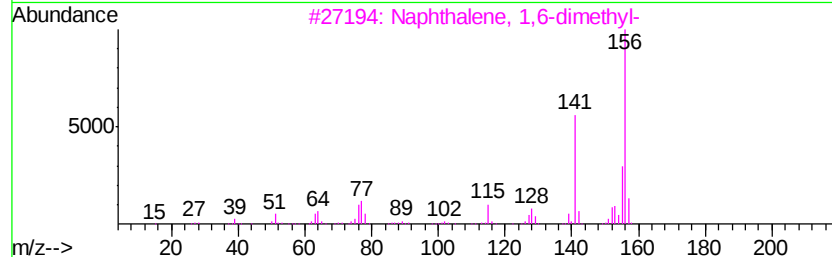
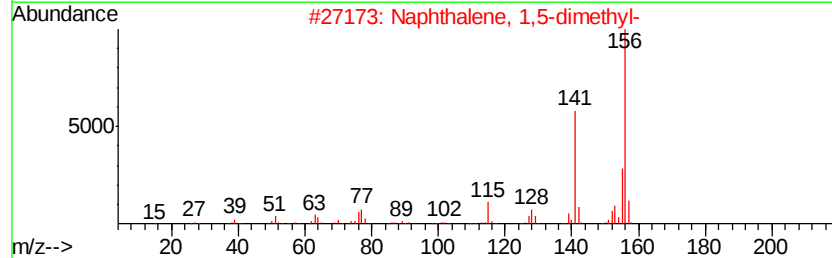
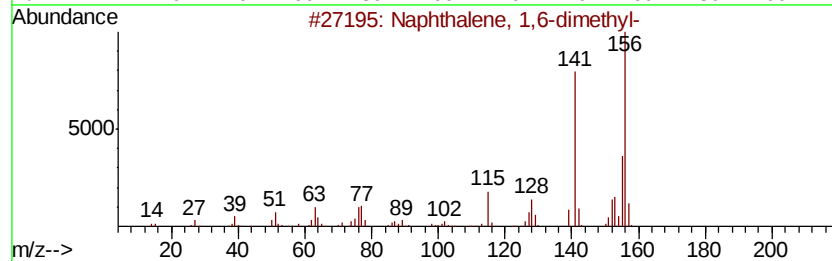
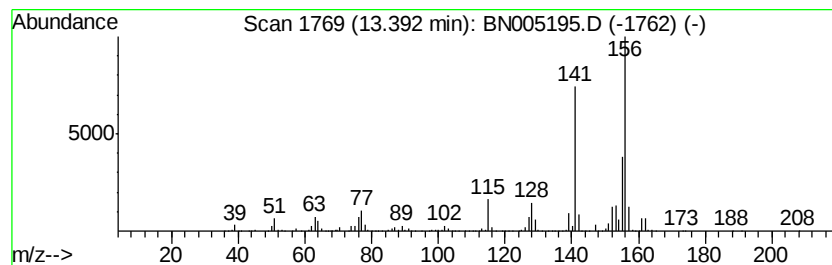
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.38 ng/ul	4477090	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
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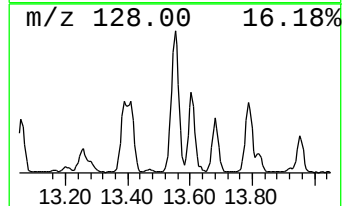
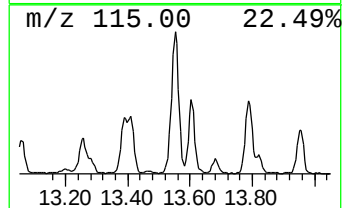
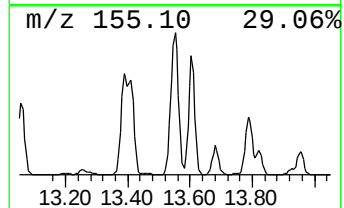
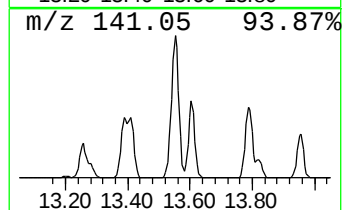
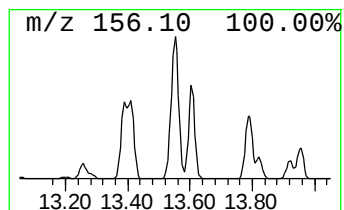
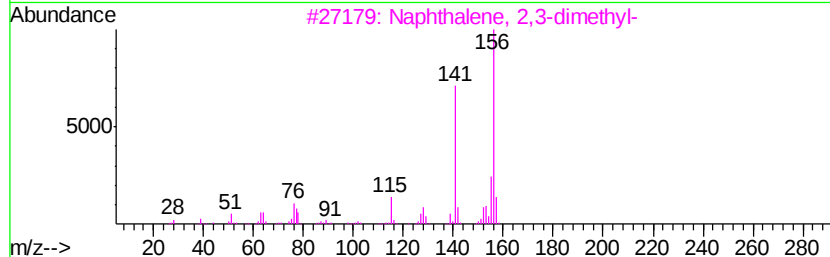
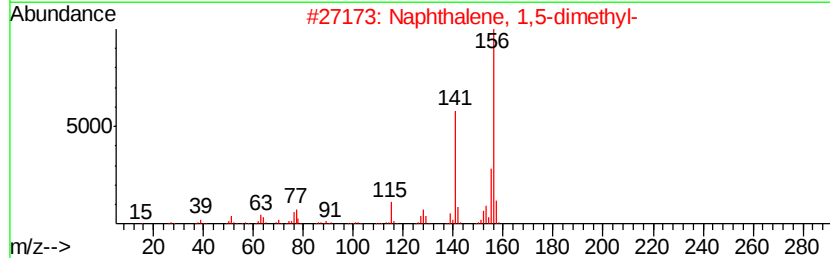
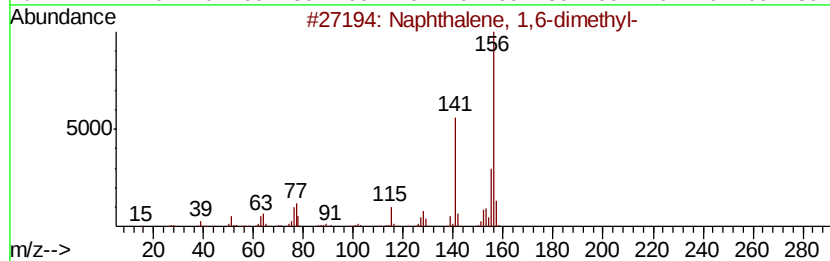
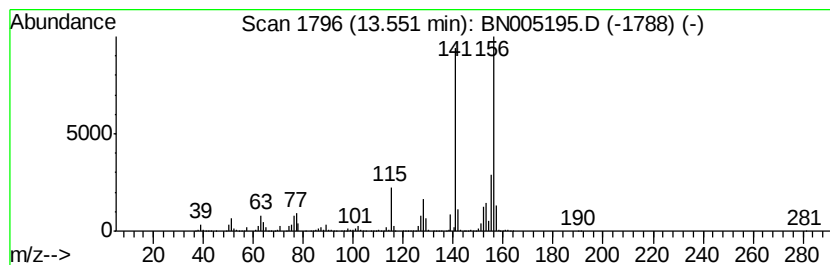
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	18.46 ng/ul	9855900	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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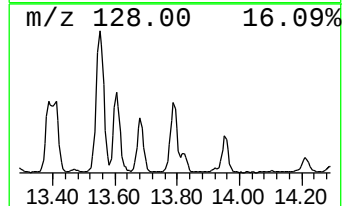
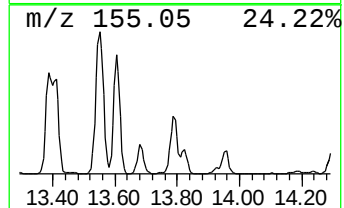
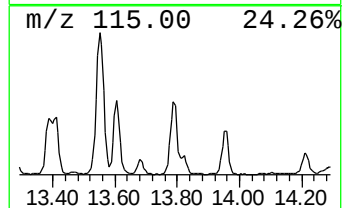
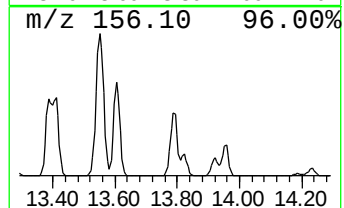
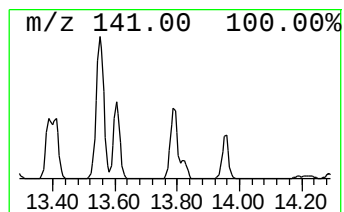
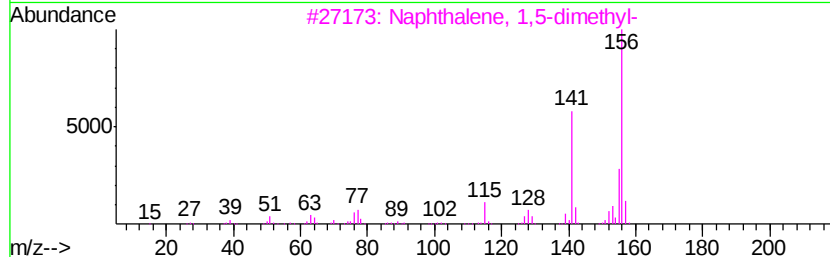
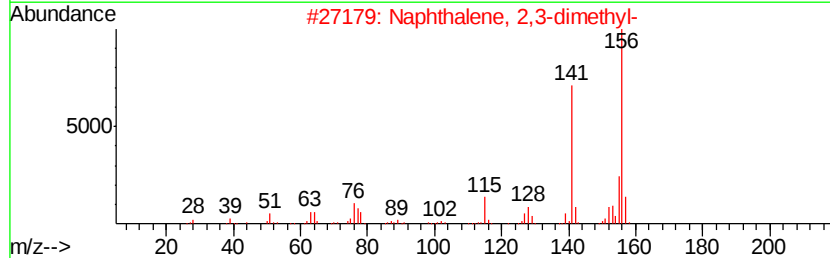
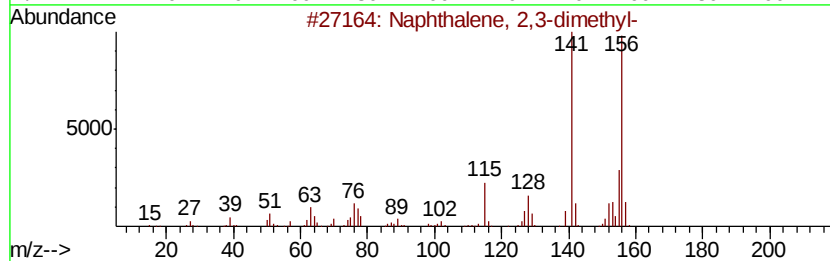
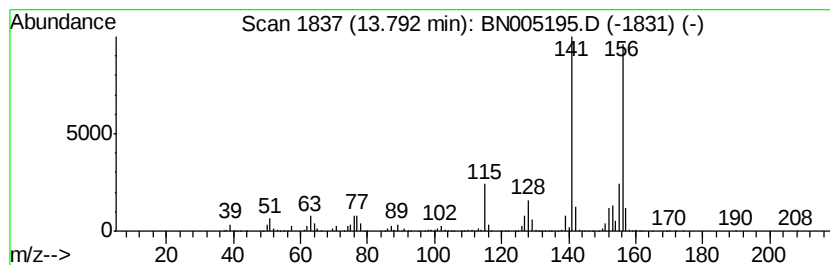
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.64 ng/ul	4078160	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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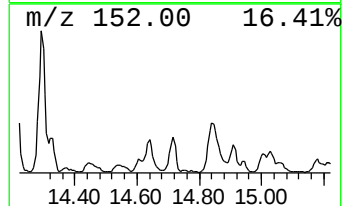
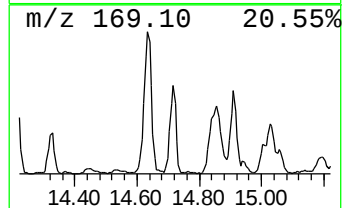
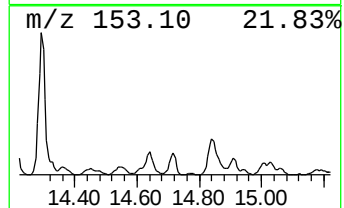
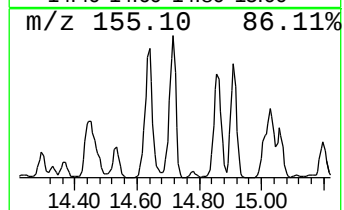
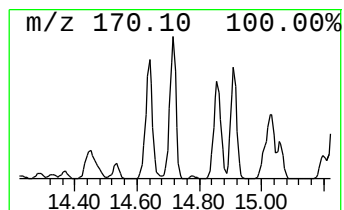
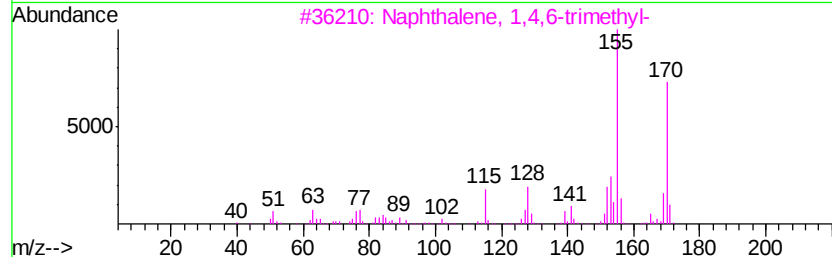
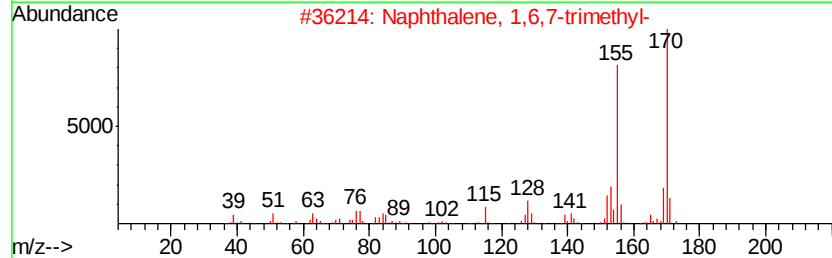
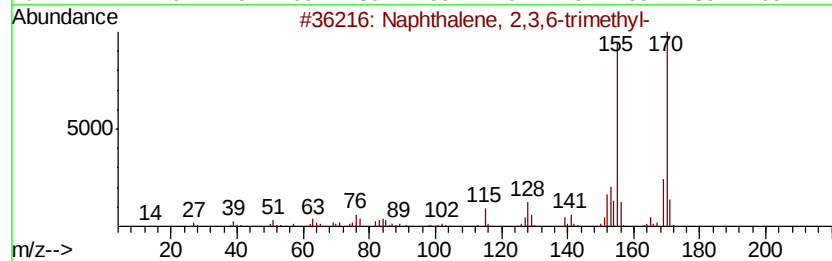
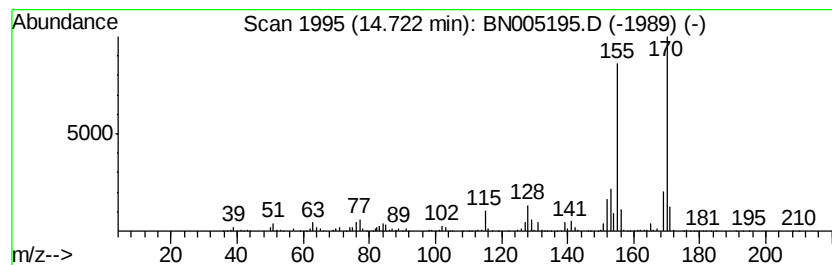
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.24 ng/ul	1731500	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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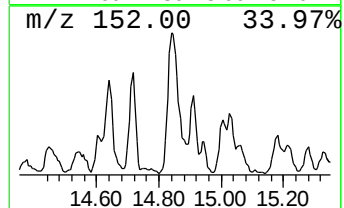
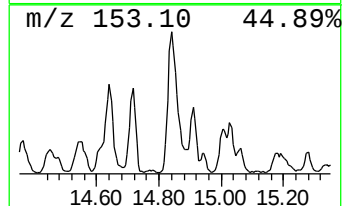
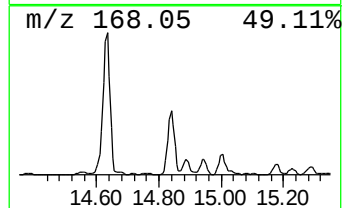
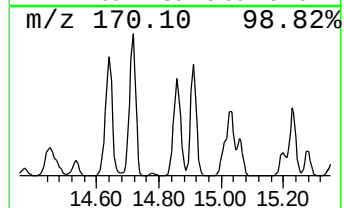
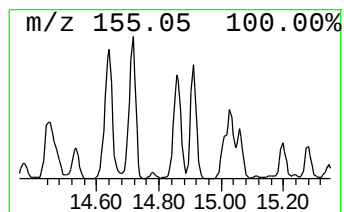
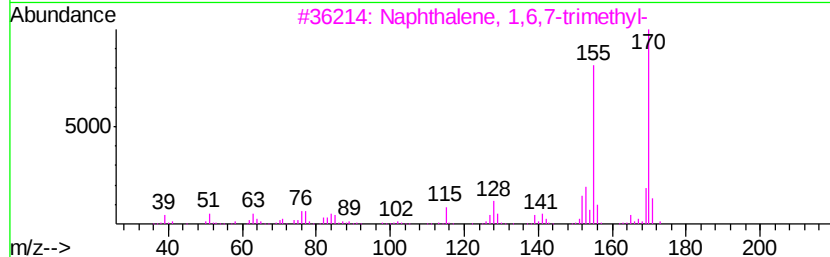
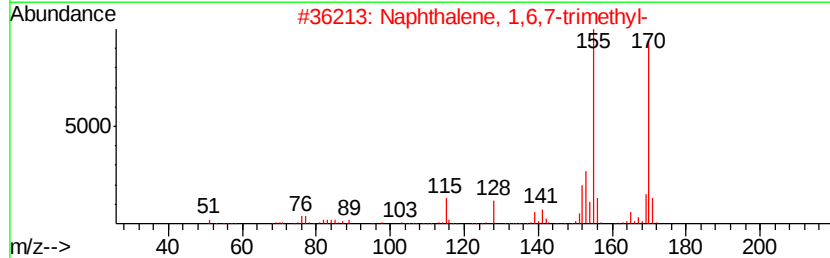
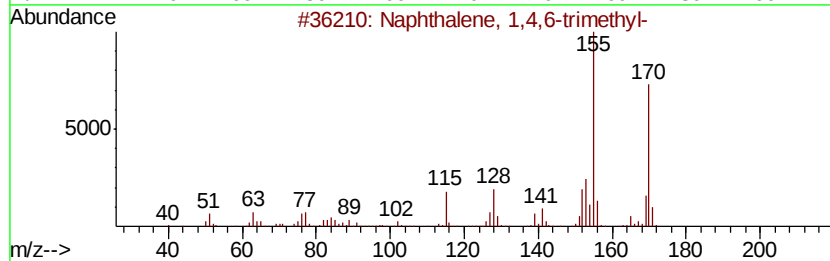
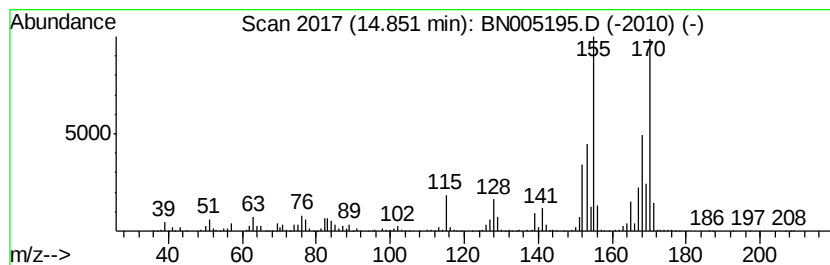
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.57 ng/ul	2974140	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampled :
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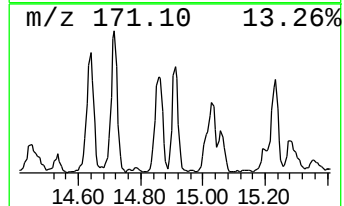
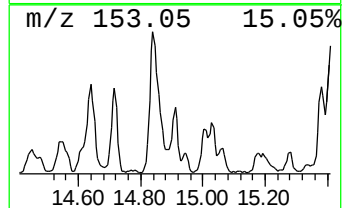
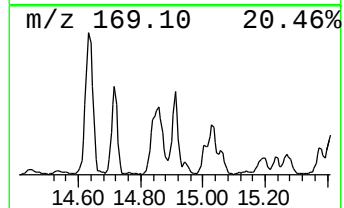
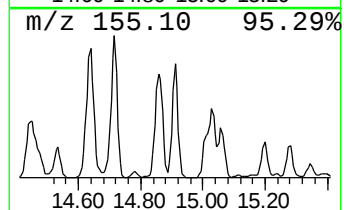
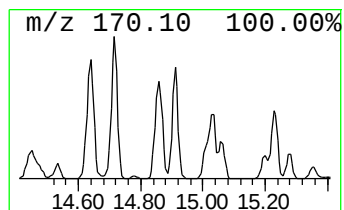
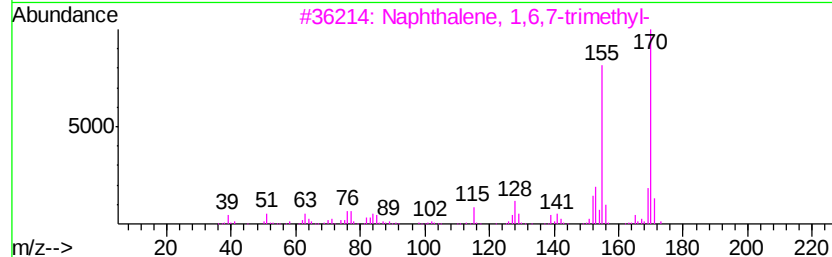
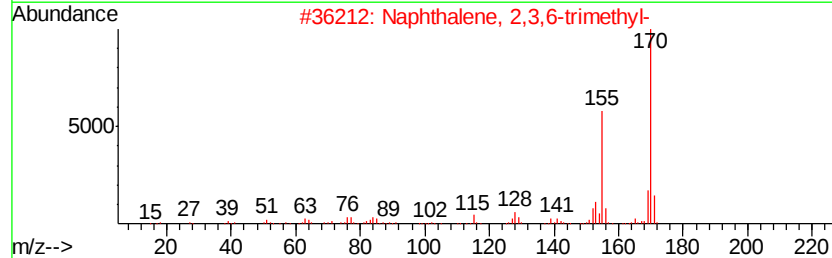
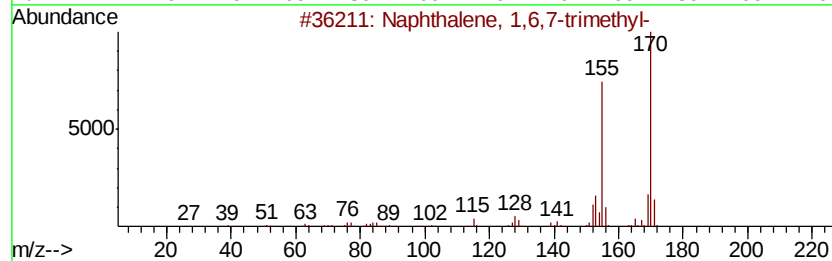
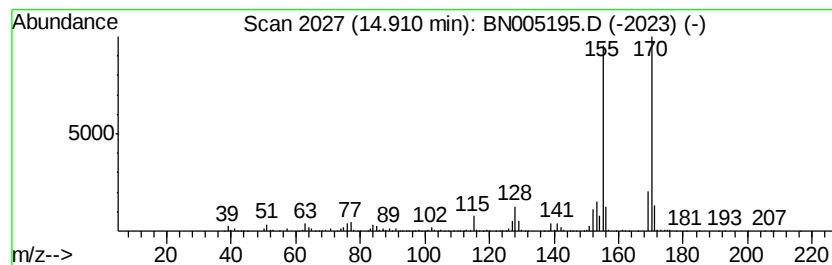
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.19 ng/ul	1171660	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	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
Misc :
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ClientSampleId :
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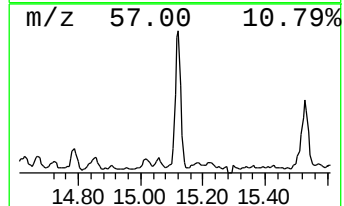
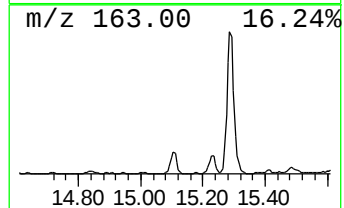
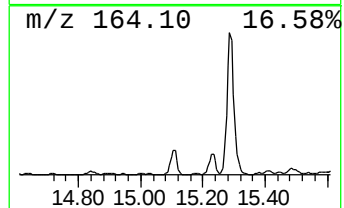
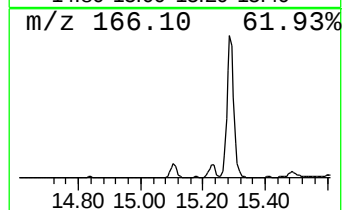
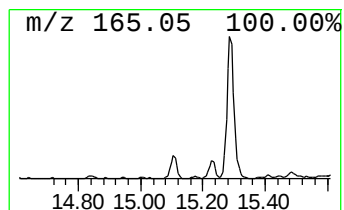
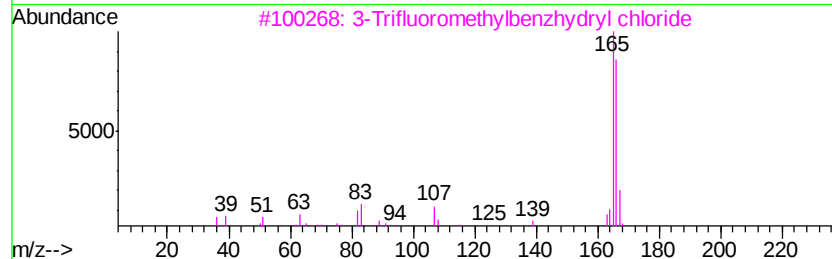
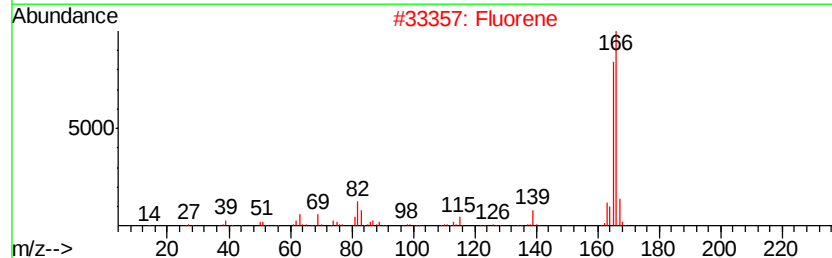
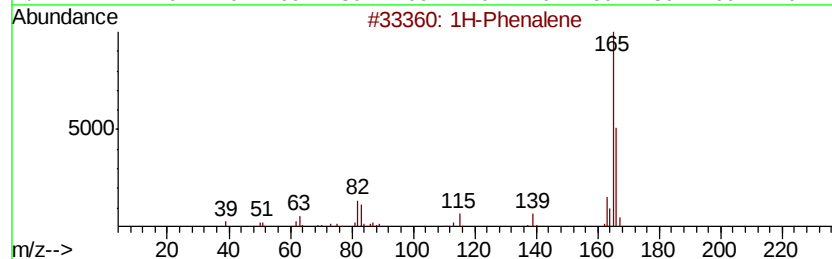
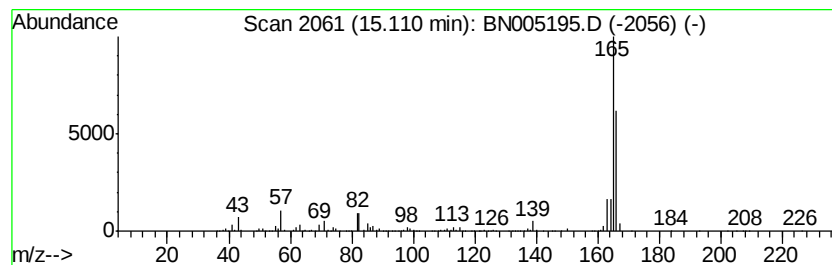
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1H-Phenalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.85 ng/ul	2055680	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	72
2			Fluorene	166	C13H10	000086-73-7	47
3			3-Trifluoromethylbenzhvdrv1 chlo...	270	C14H10ClF3	067240-79-3	39
4			Fluorene	166	C13H10	000086-73-7	38
5			s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	28



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Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
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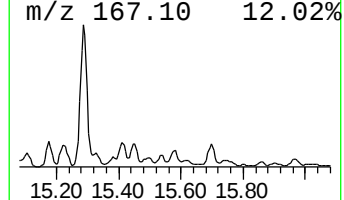
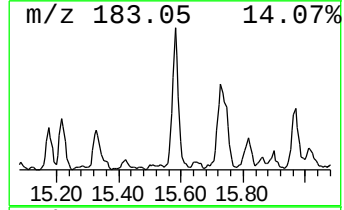
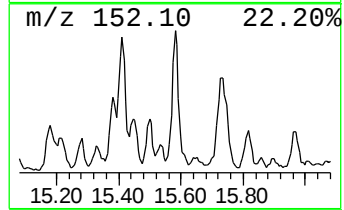
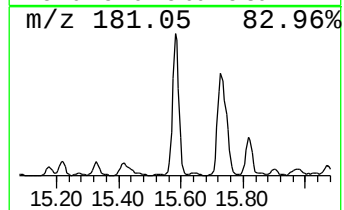
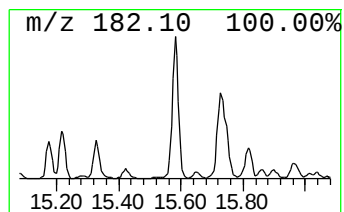
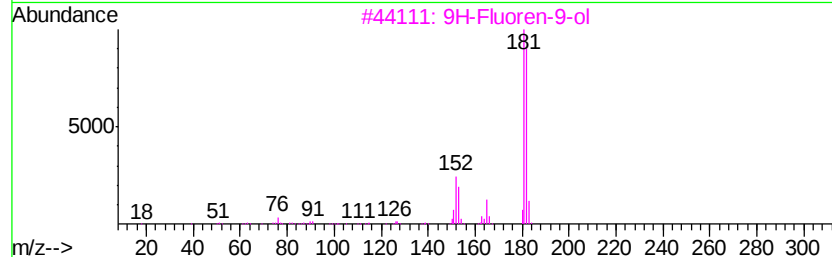
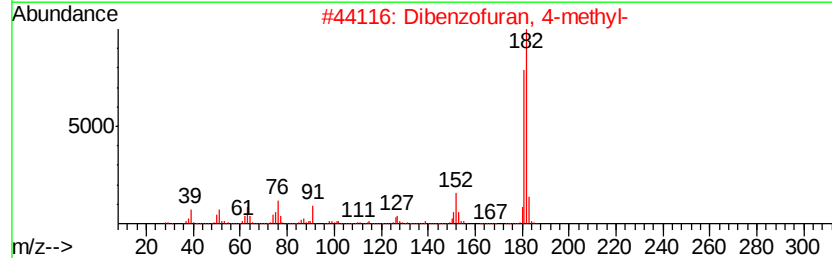
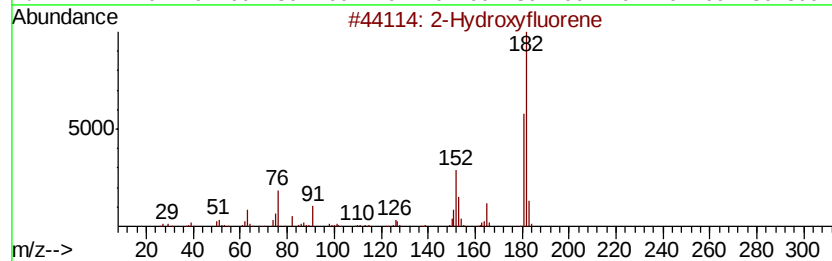
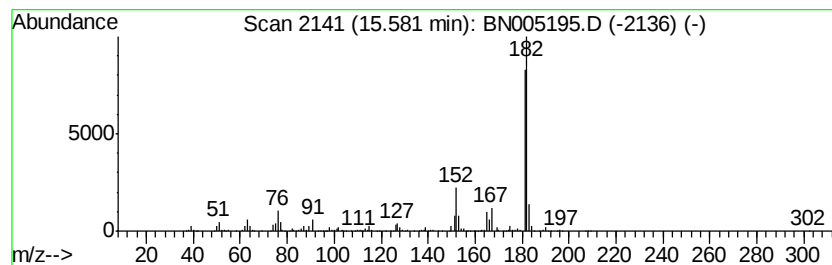
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2-Hydroxyfluorene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.85 ng/ul	1522200	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxyfluorene	182	C13H10O	002443-58-5	90
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
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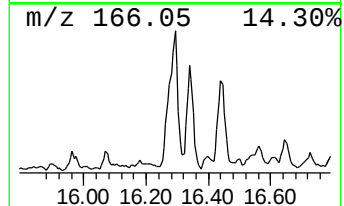
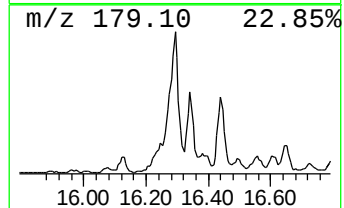
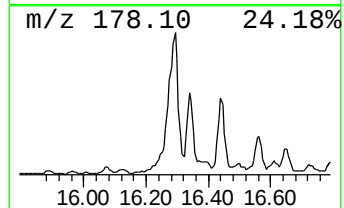
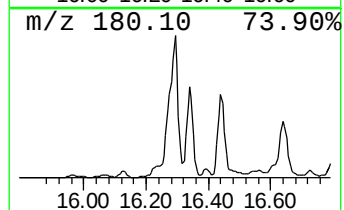
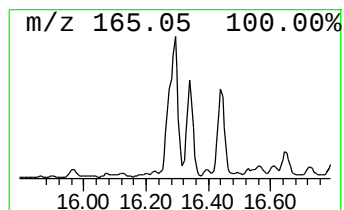
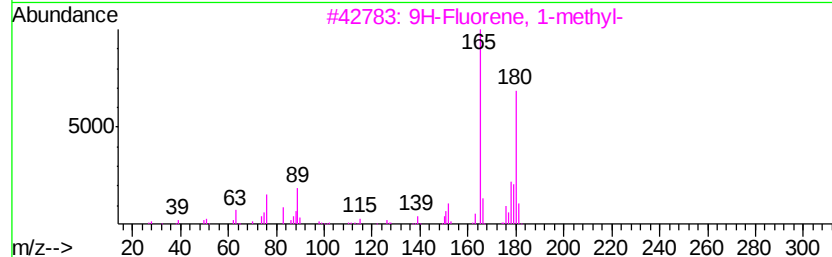
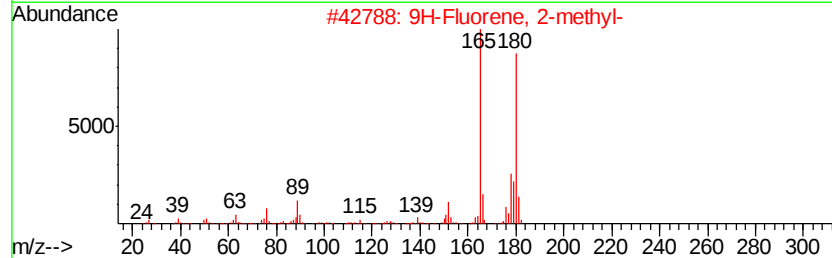
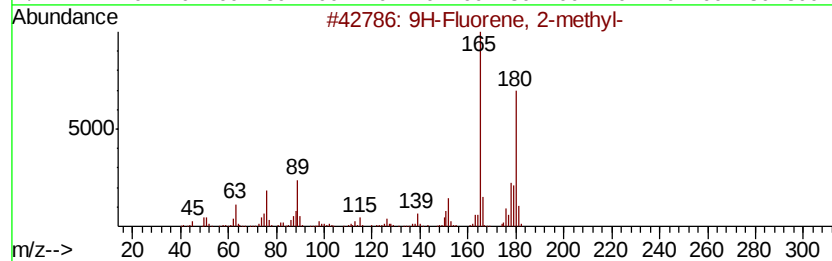
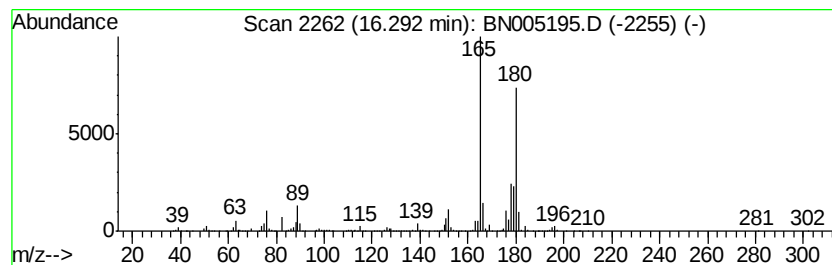
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	7.98 ng/ul	3582930	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
Misc :
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Instrument :
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ClientSampleId :
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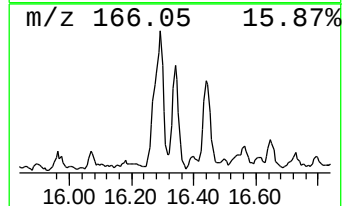
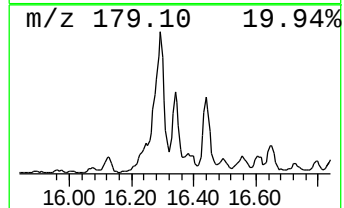
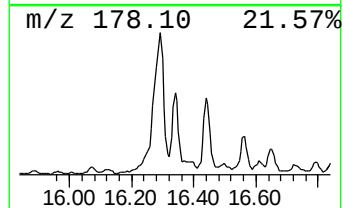
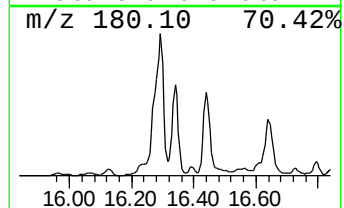
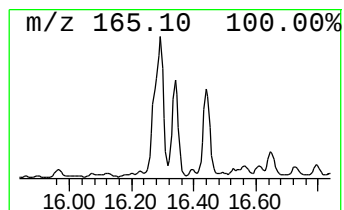
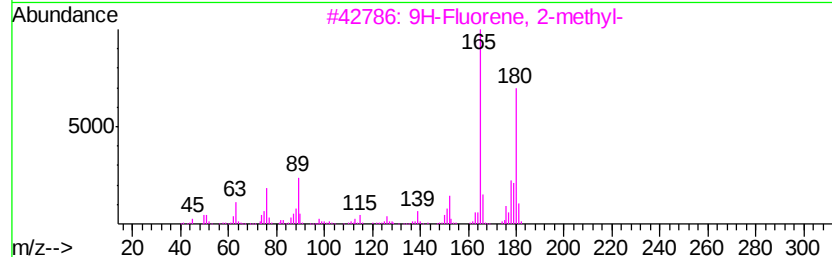
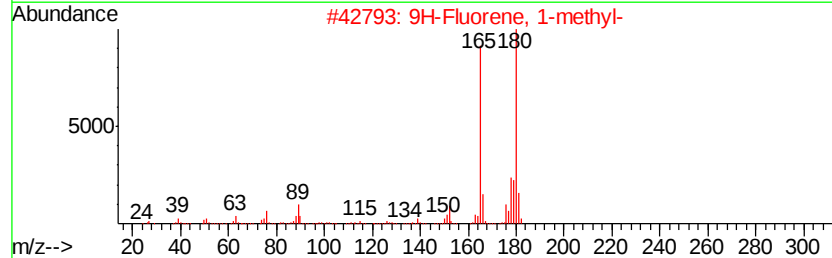
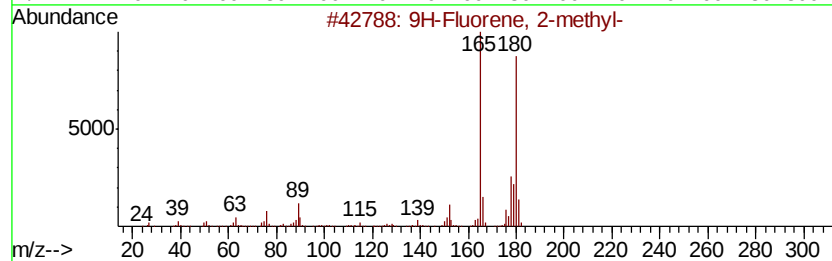
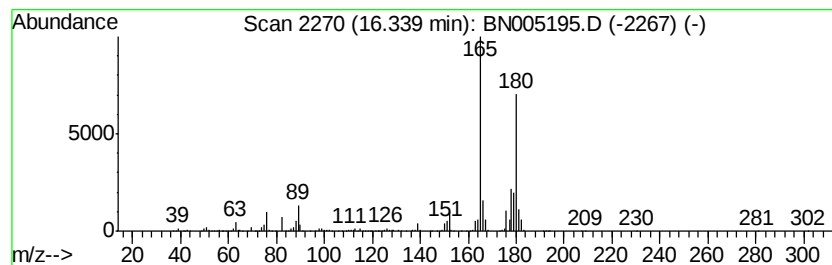
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.02 ng/ul	1806130	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 03:55
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ClientSampleId :
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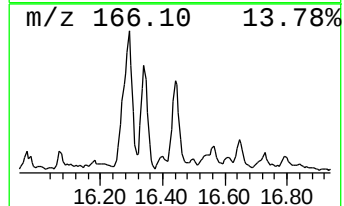
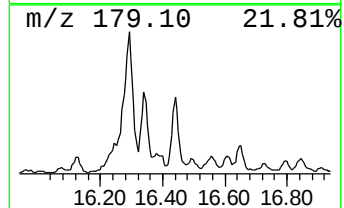
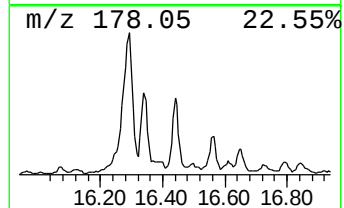
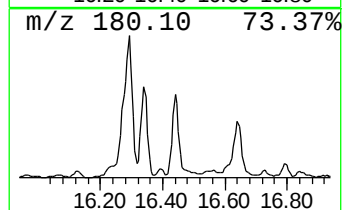
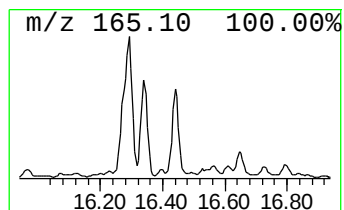
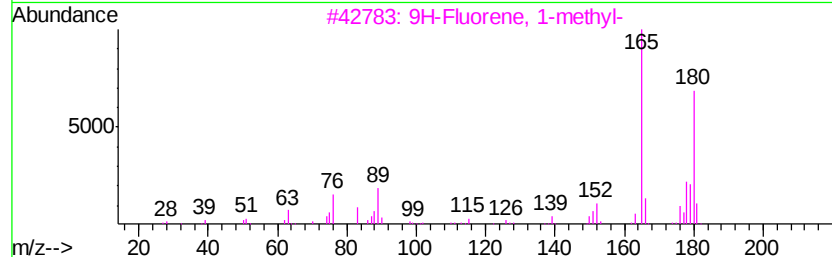
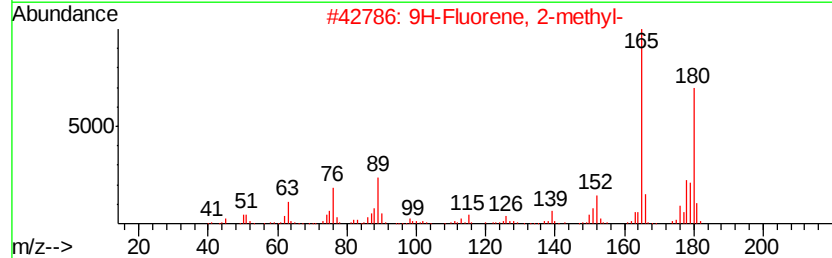
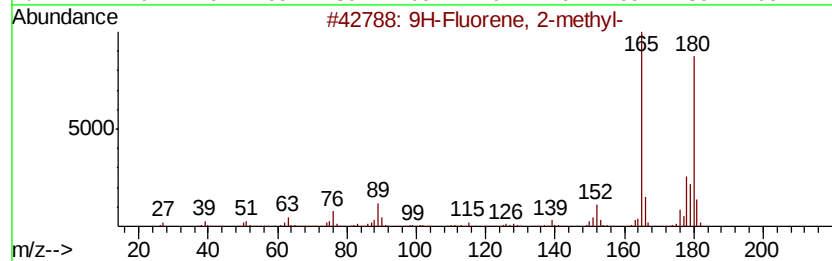
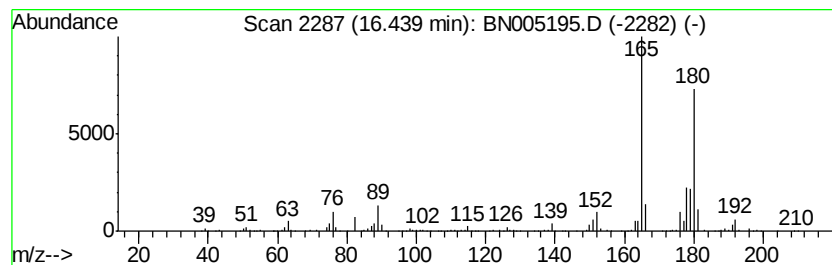
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9H-Fluorene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.86 ng/ul	1733940	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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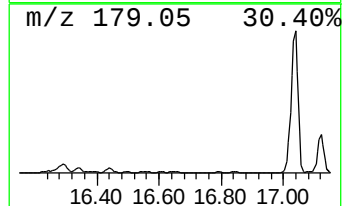
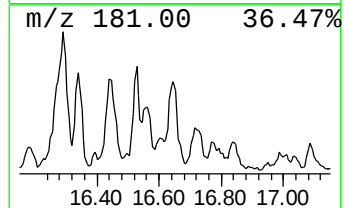
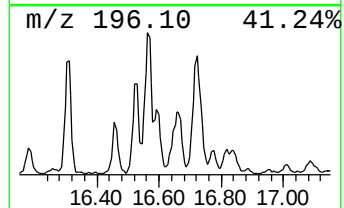
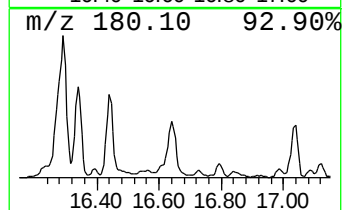
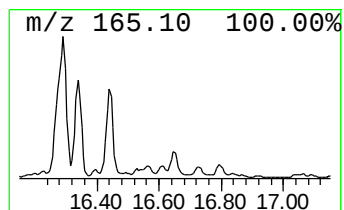
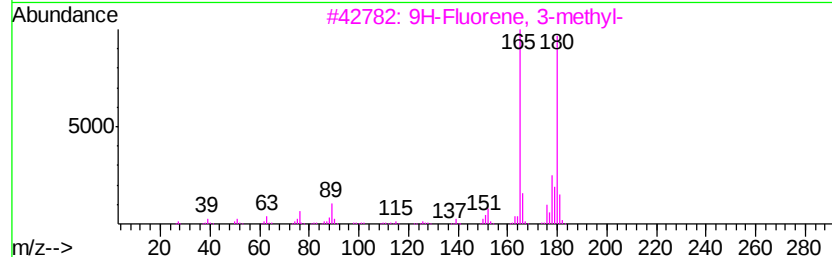
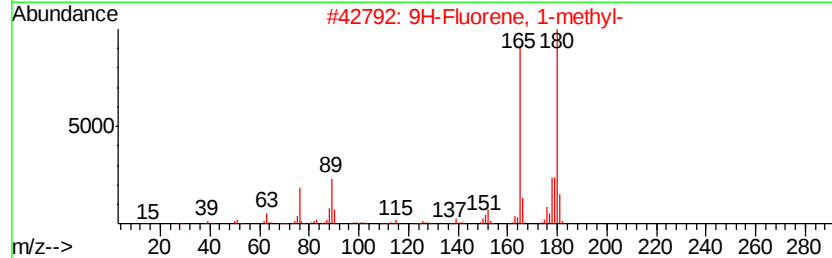
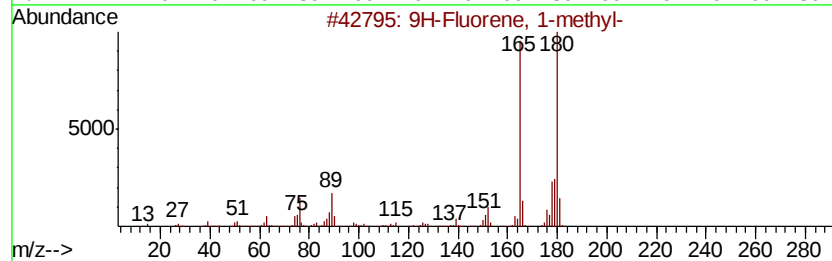
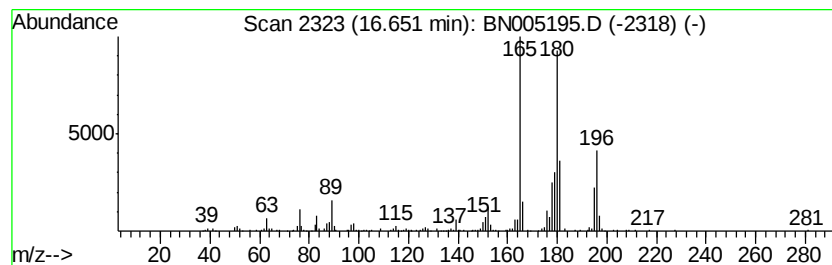
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9H-Fluorene, 9-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.41 ng/ul	1080220	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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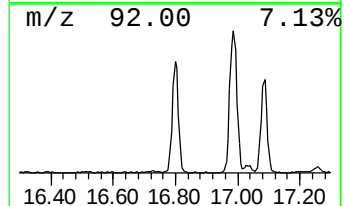
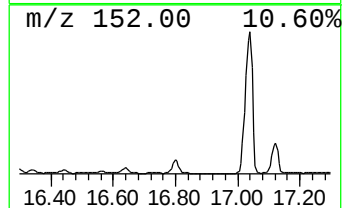
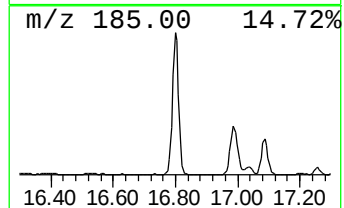
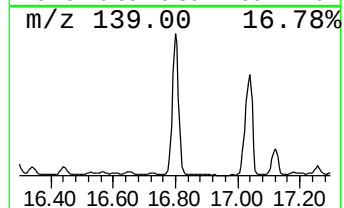
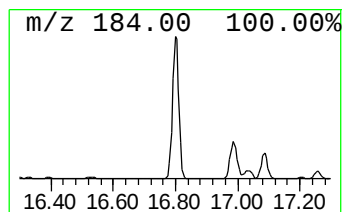
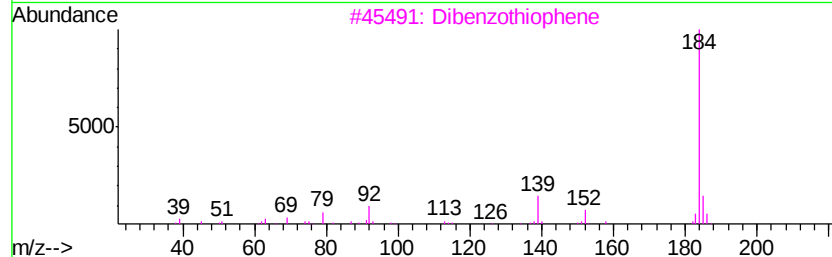
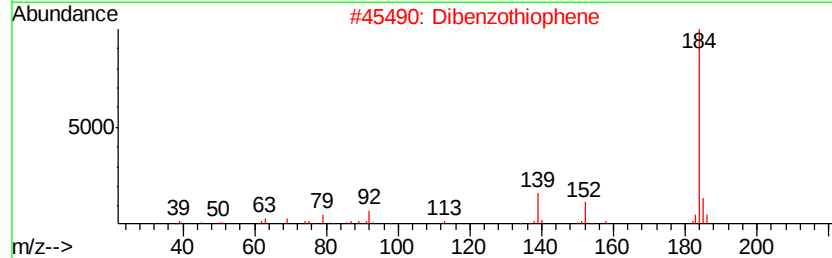
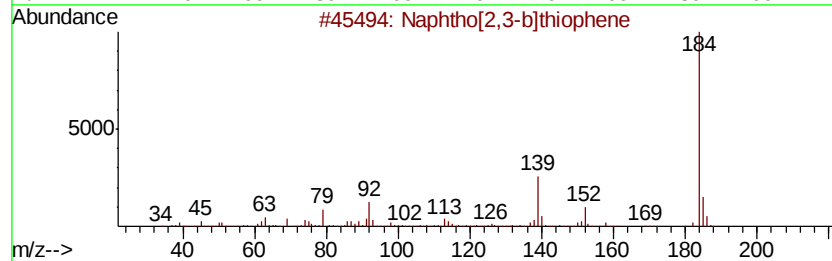
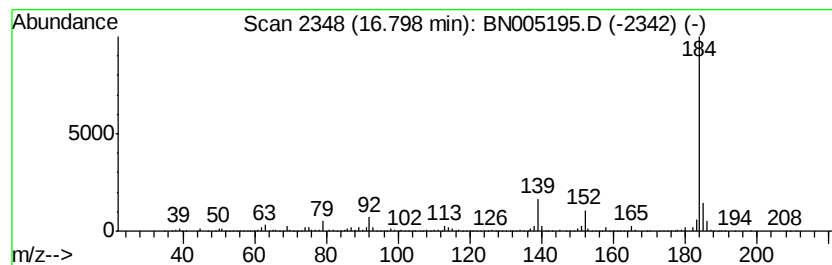
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphtho[2,3-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	10.51 ng/ul	4719470	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	97
3		Dibenzothiophene	184	C12H8S	000132-65-0	96
4		Dibenzothiophene	184	C12H8S	000132-65-0	95
5		Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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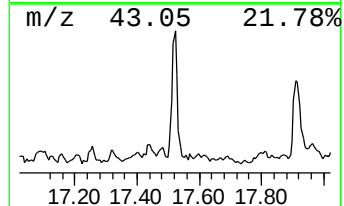
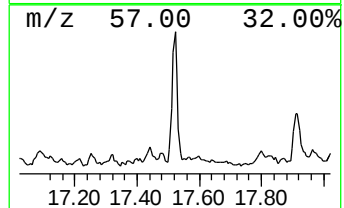
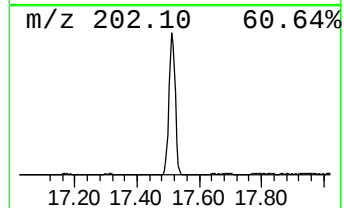
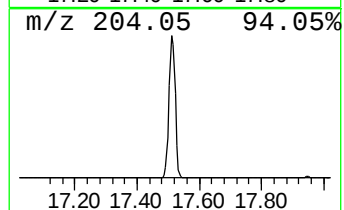
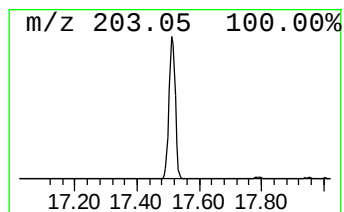
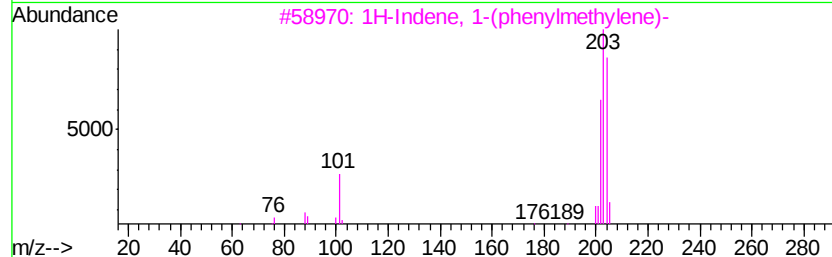
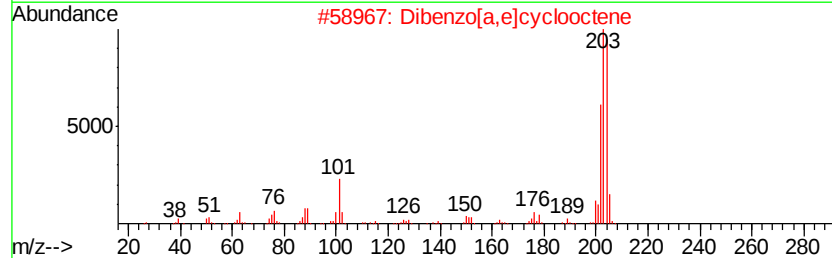
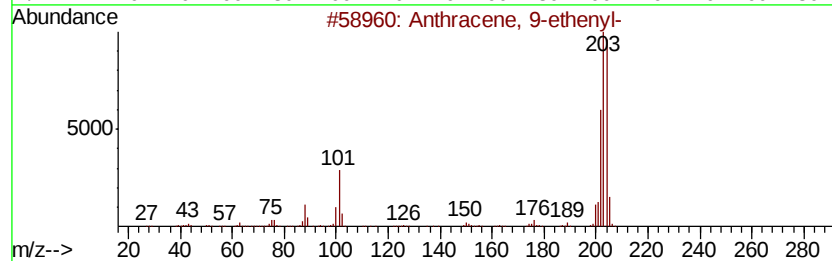
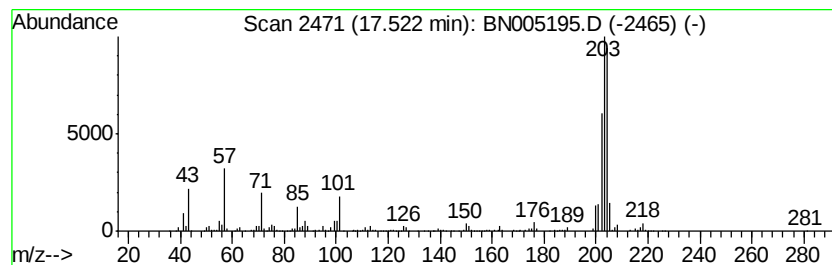
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Anthracene, 9-ethenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.32 ng/ul	1489140	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
2		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
3		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
4		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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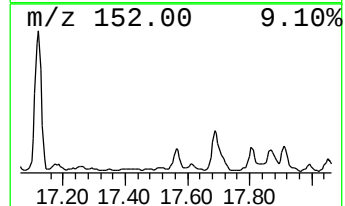
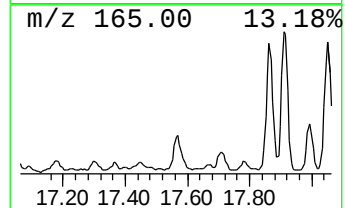
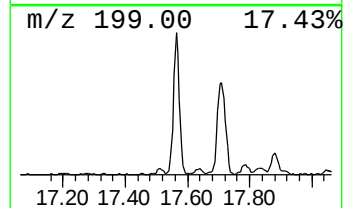
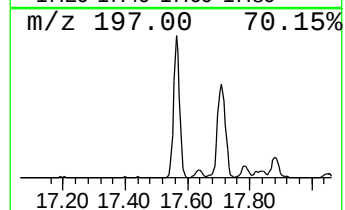
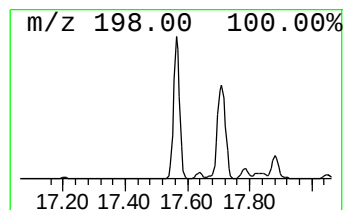
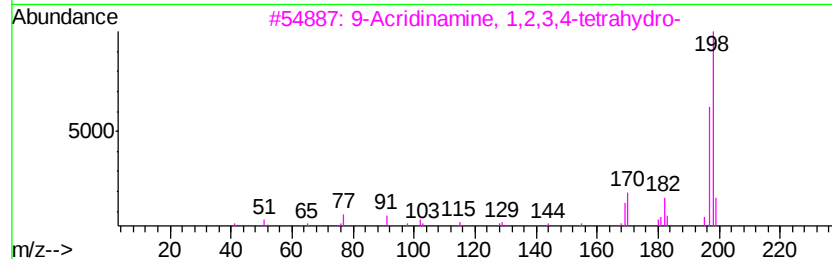
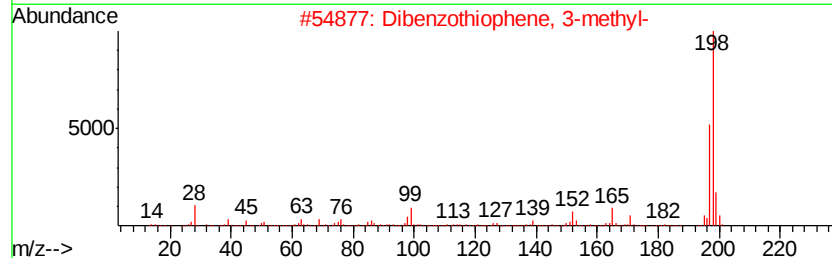
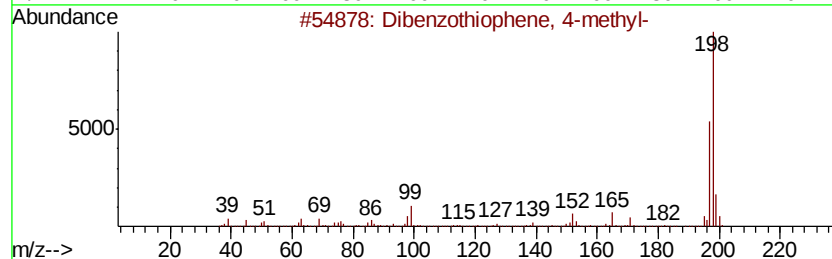
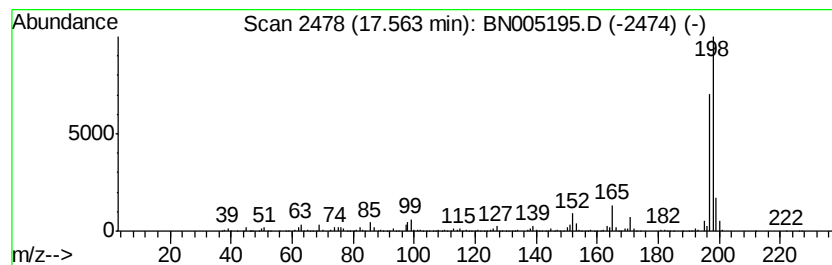
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	4.82 ng/ul	2163610	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
3			9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5			Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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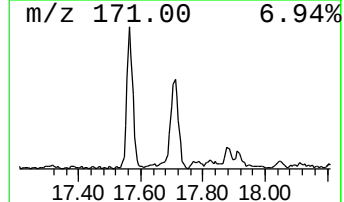
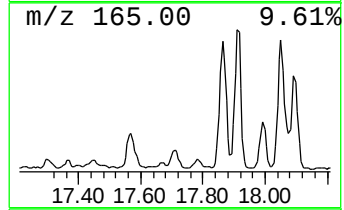
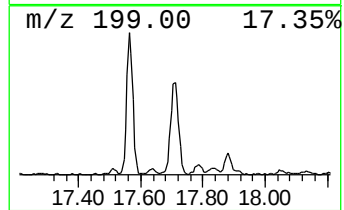
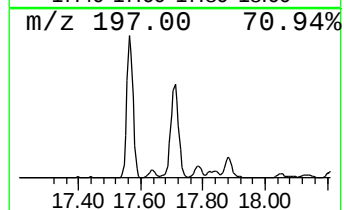
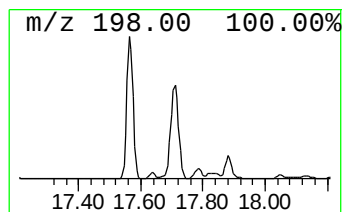
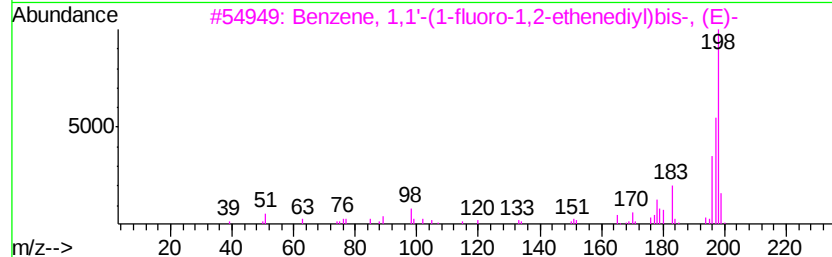
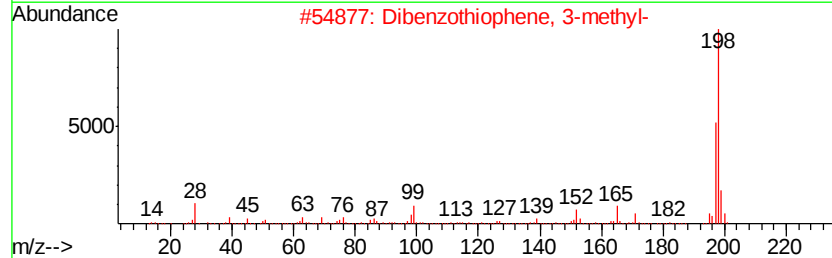
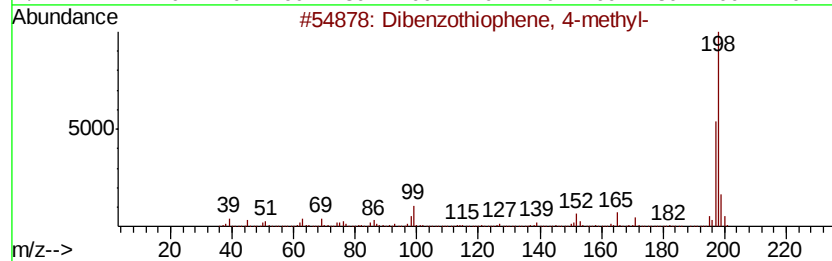
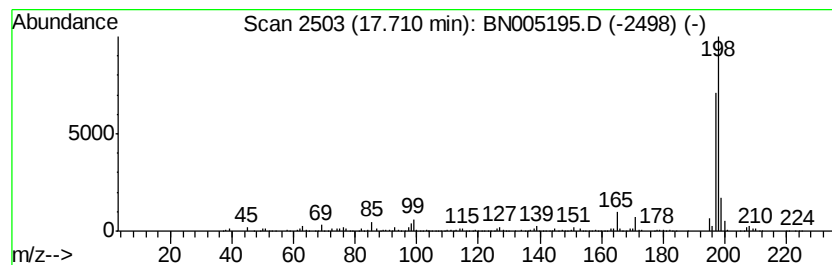
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	4.25 ng/ul	1909760	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
4		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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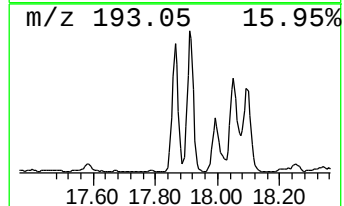
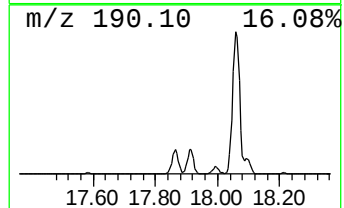
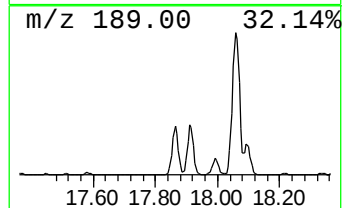
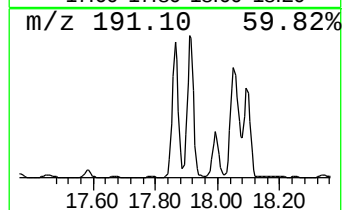
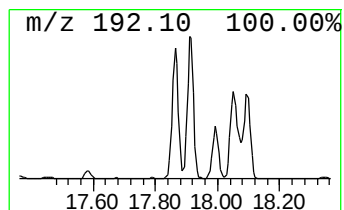
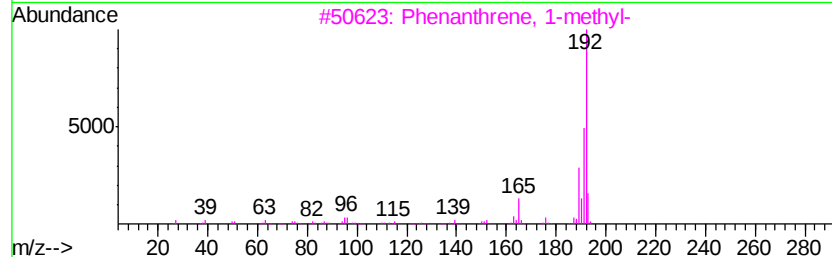
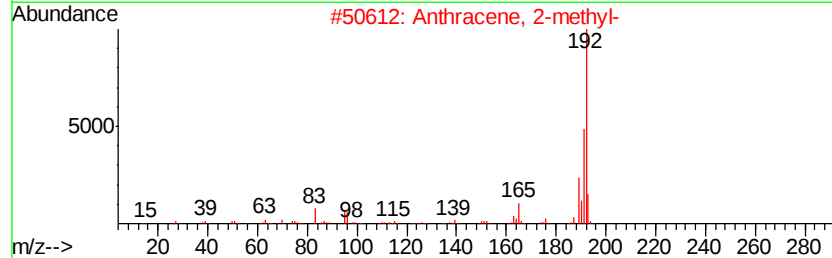
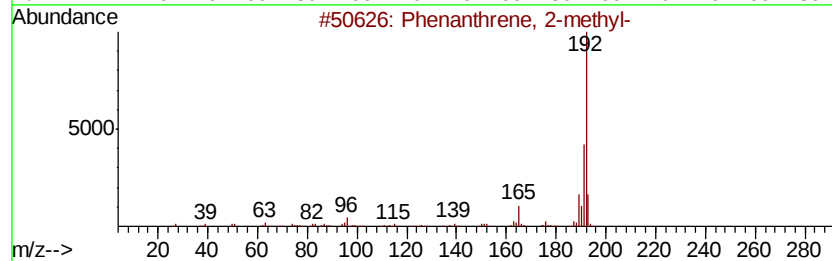
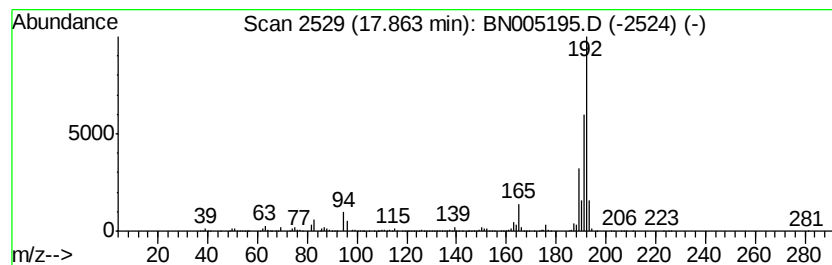
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	17.30 ng/ul	7765690	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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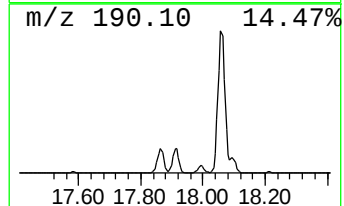
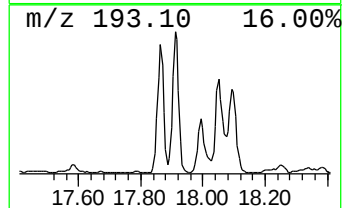
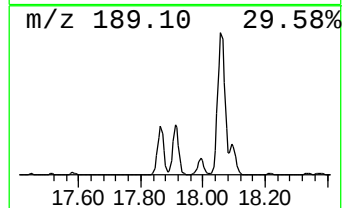
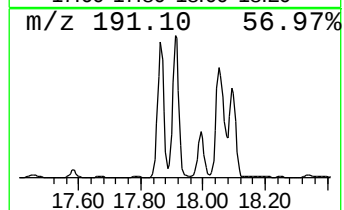
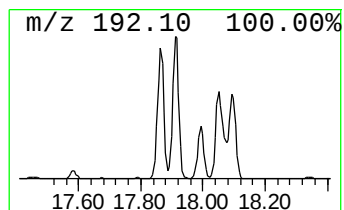
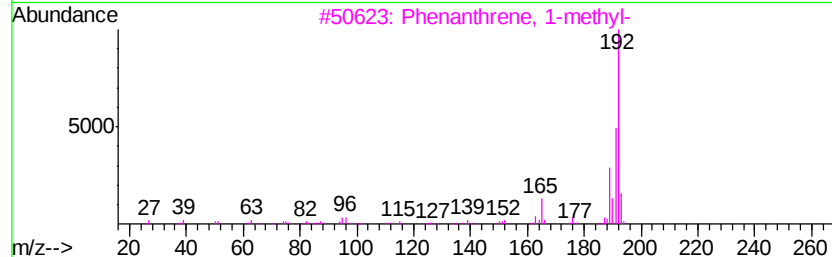
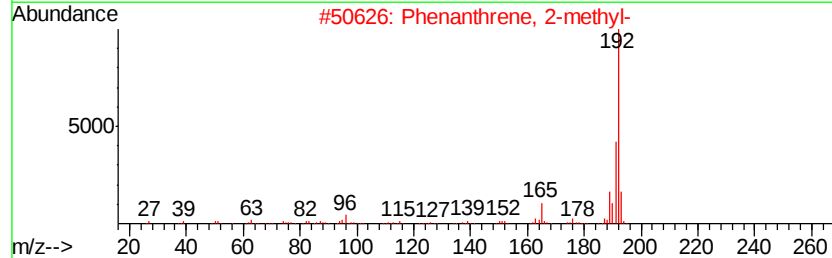
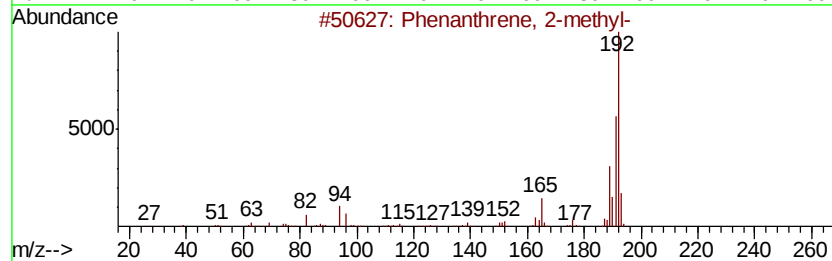
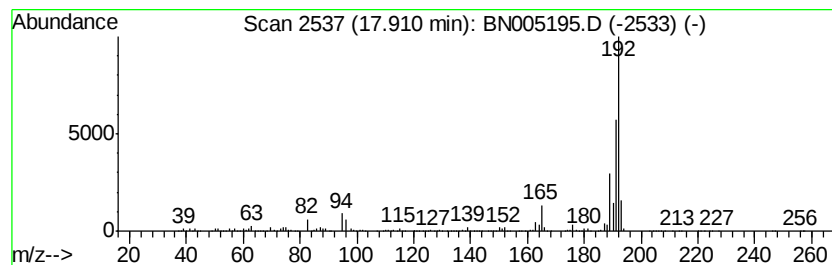
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	19.29 ng/ul	8658310	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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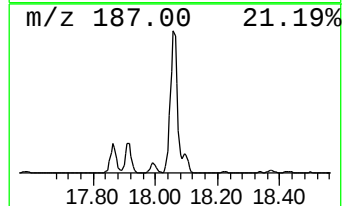
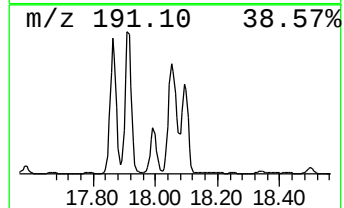
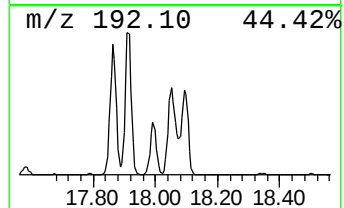
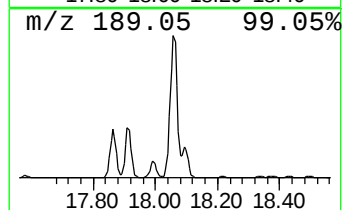
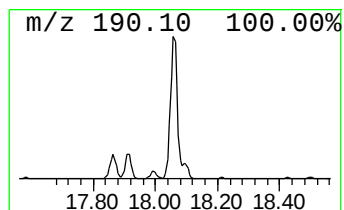
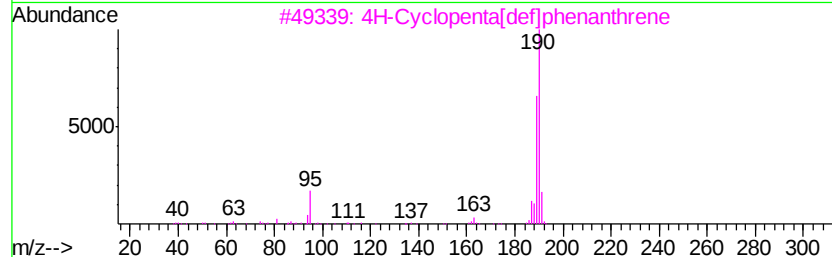
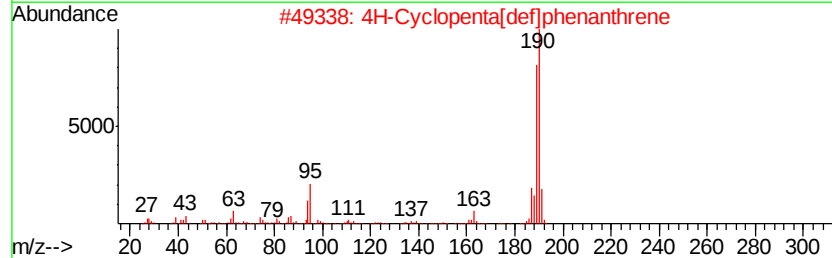
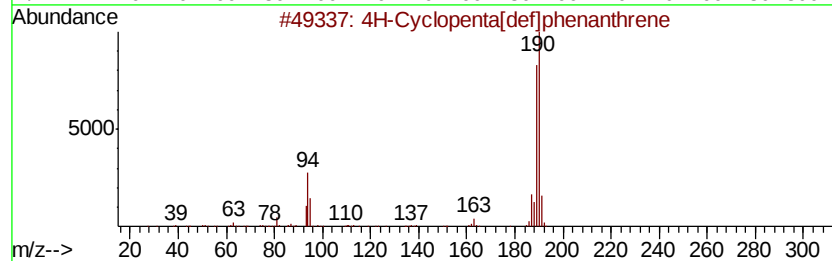
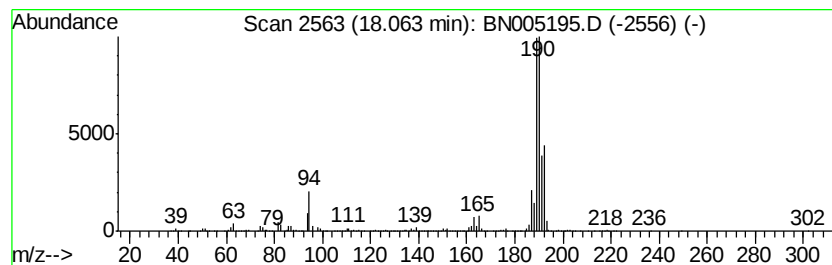
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	30.80 ng/ul	13825100	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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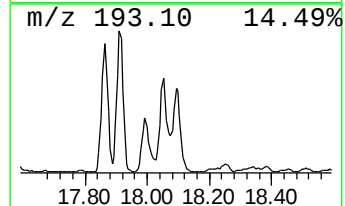
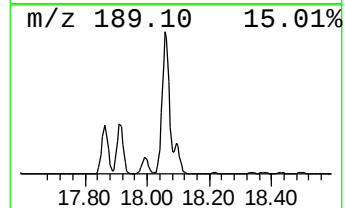
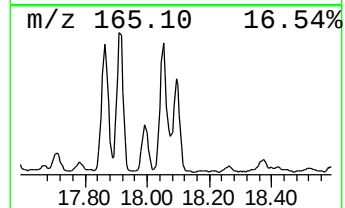
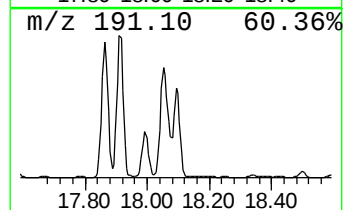
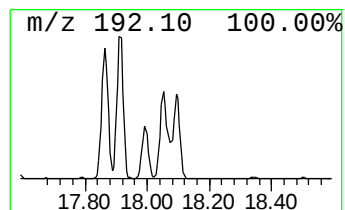
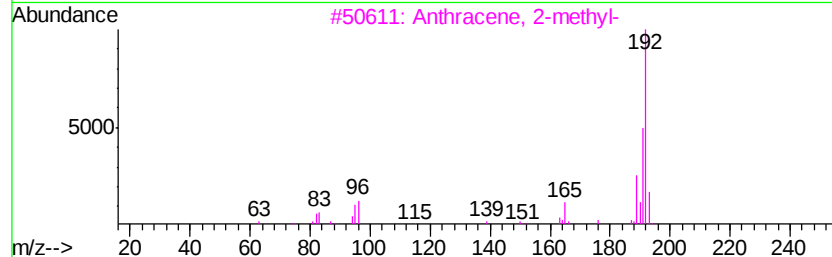
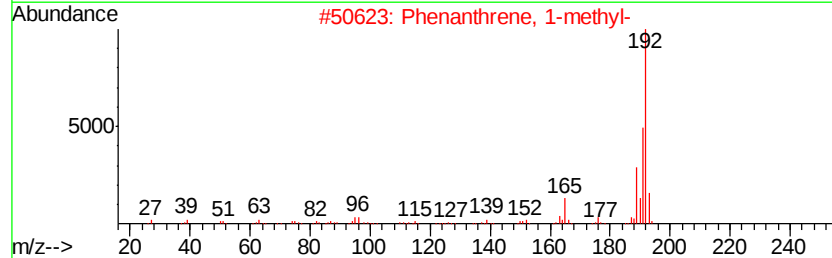
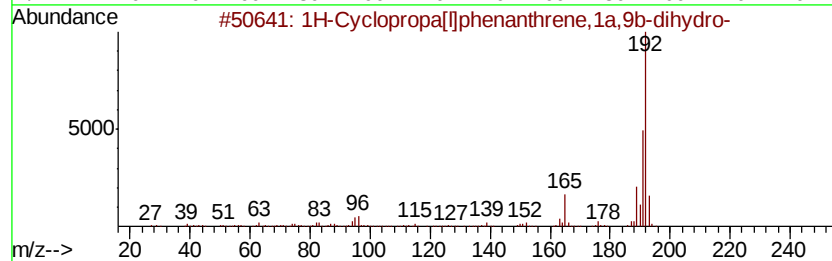
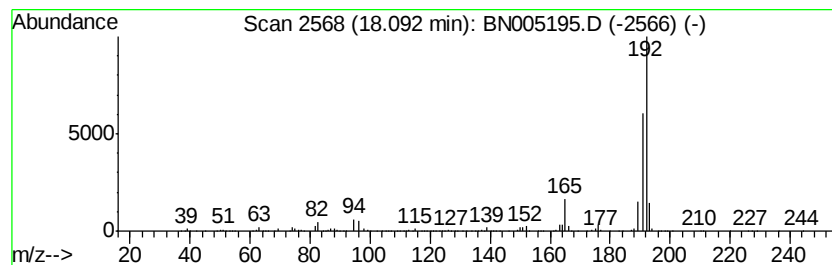
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	10.52 ng/ul	4720550	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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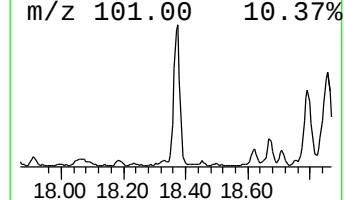
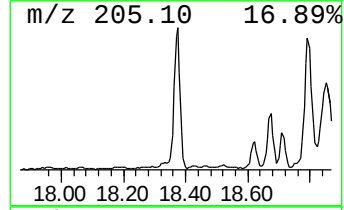
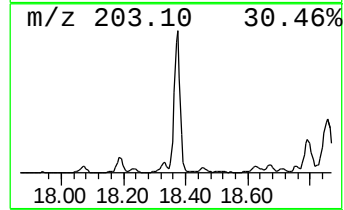
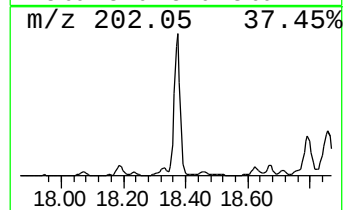
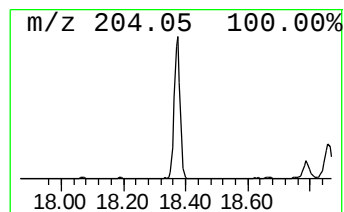
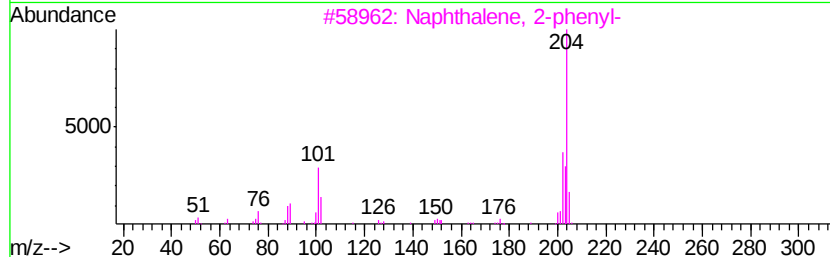
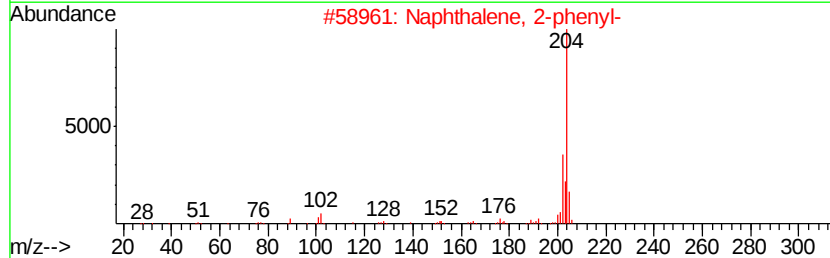
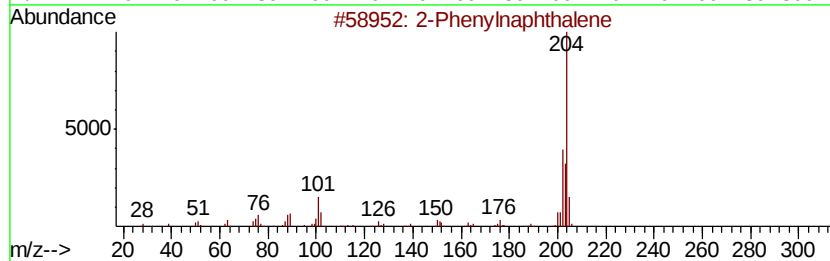
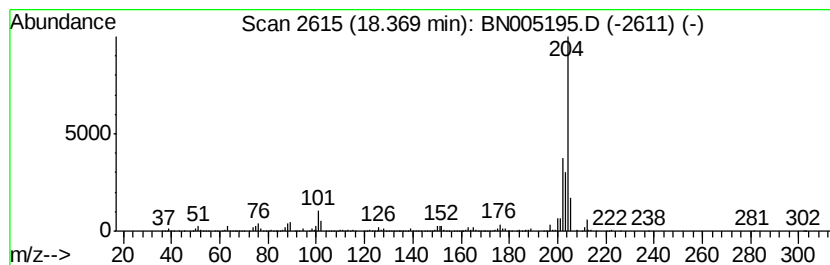
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 2-Phenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	8.87 ng/ul	3981150	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	70
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Sample : K2402-06
Misc :
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Instrument :
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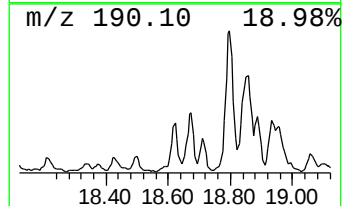
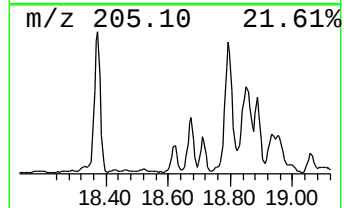
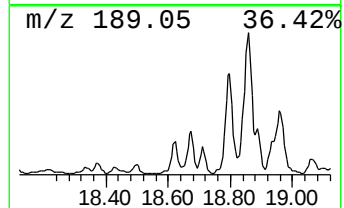
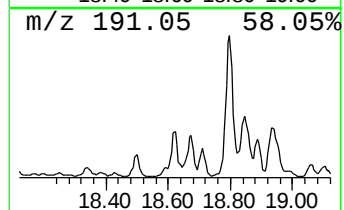
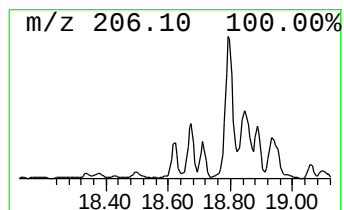
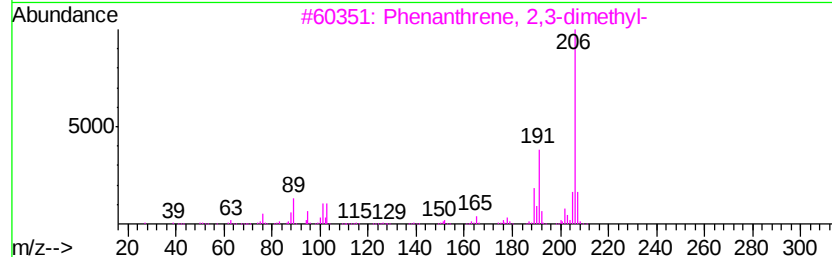
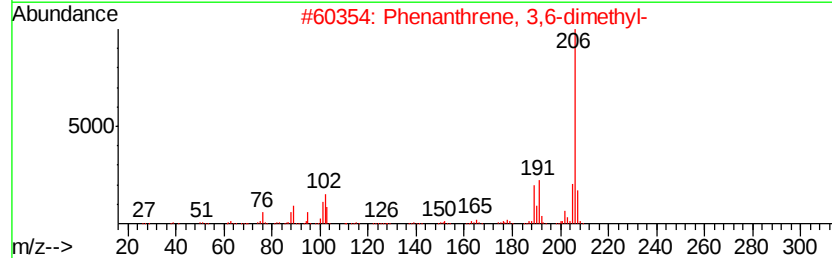
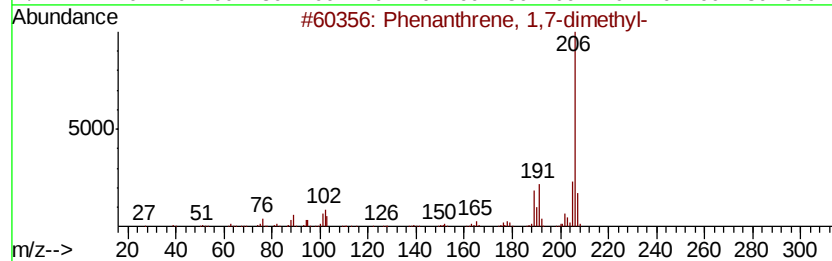
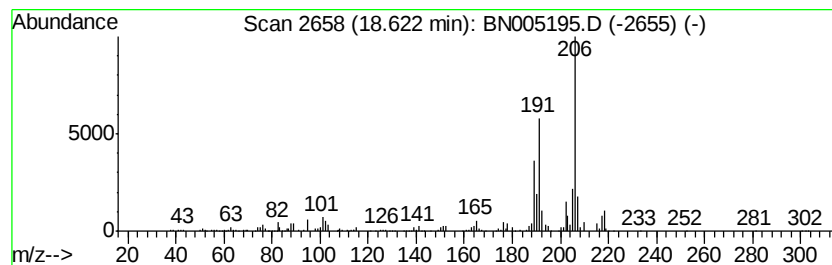
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 1,7-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.34 ng/ul	1051750	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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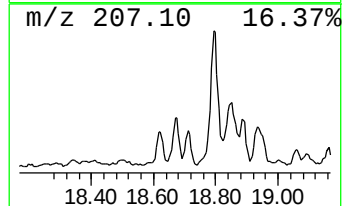
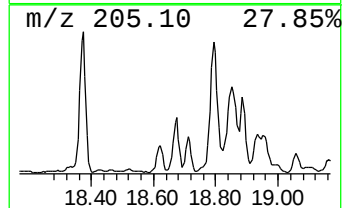
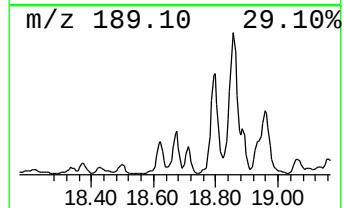
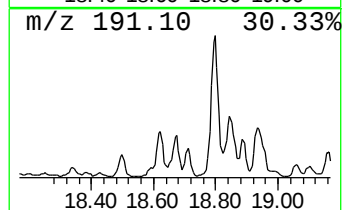
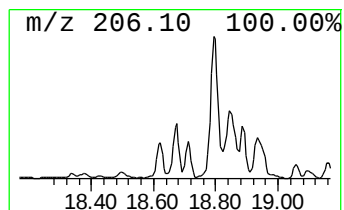
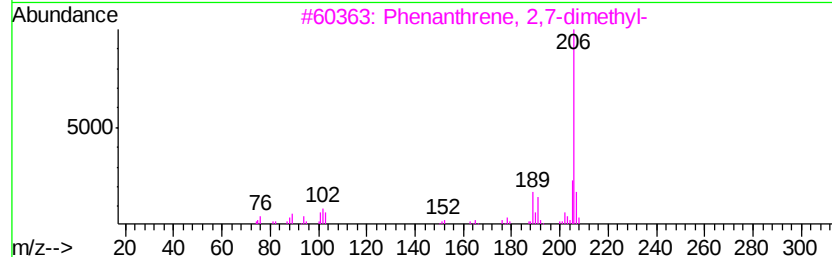
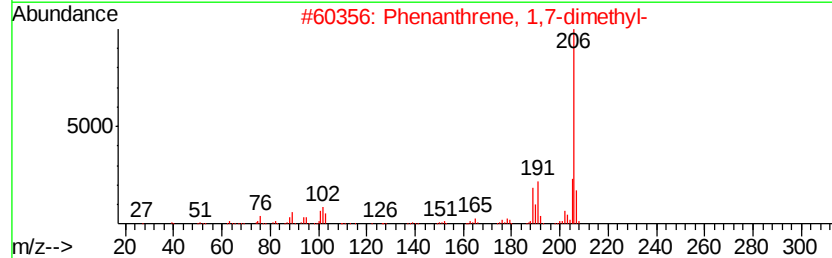
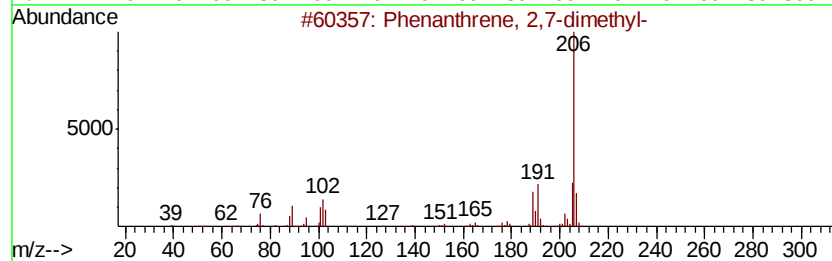
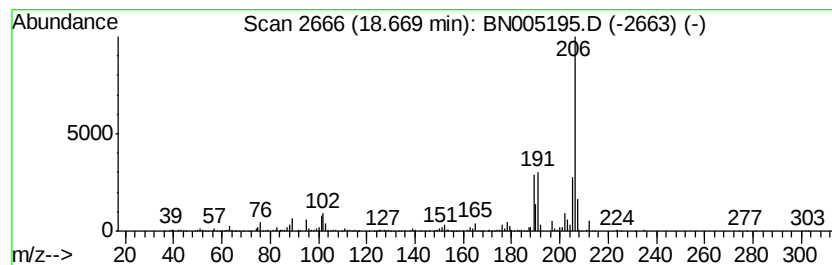
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Phenanthrene, 2,7-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.04 ng/ul	1363330	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
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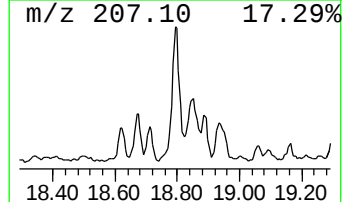
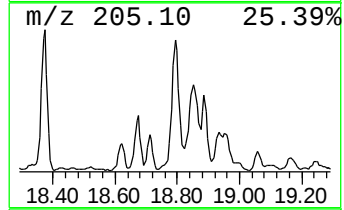
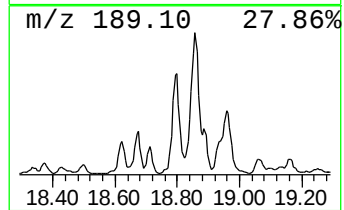
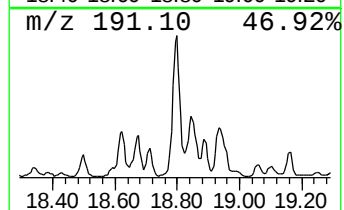
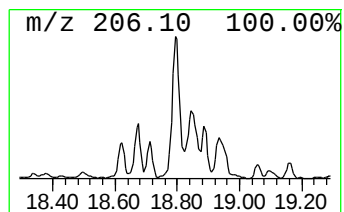
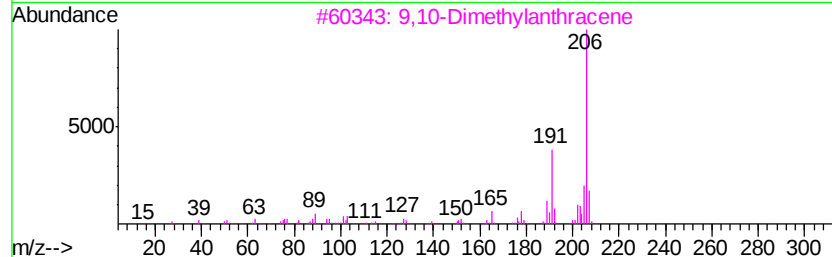
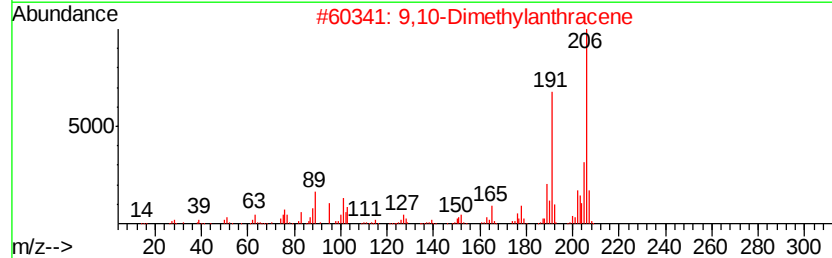
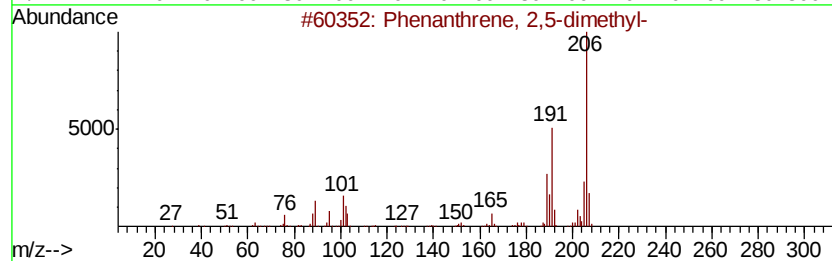
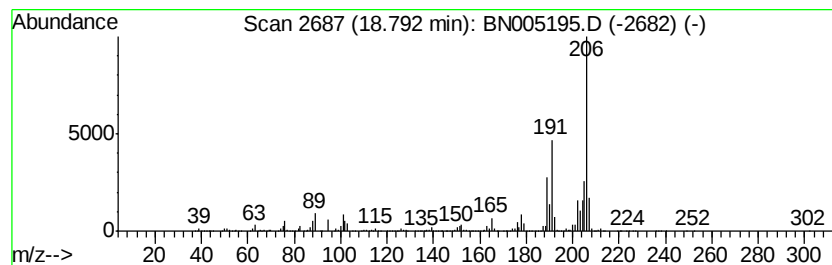
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	9.10 ng/ul	4082800	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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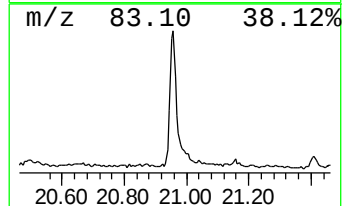
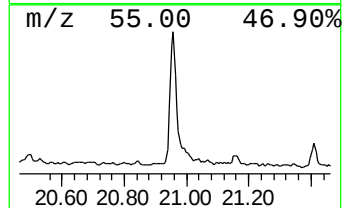
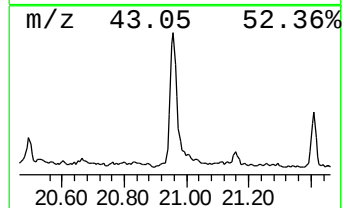
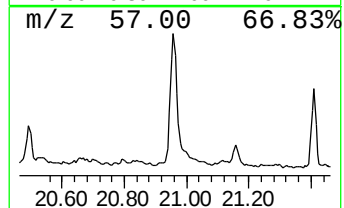
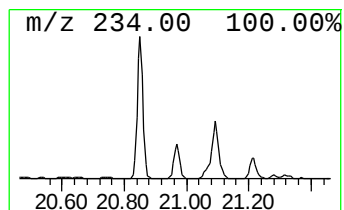
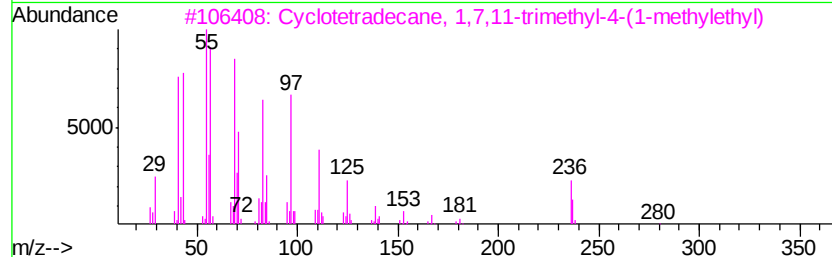
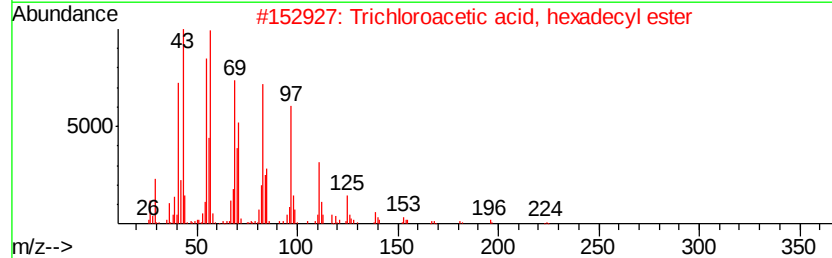
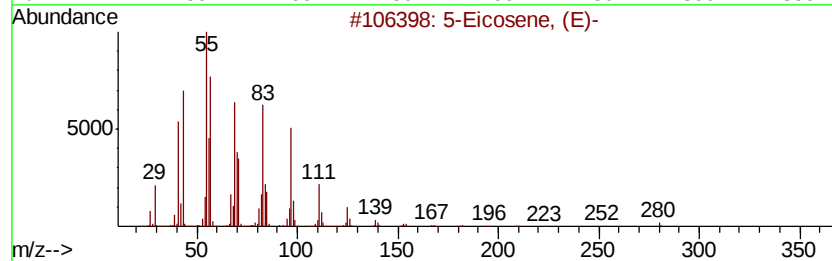
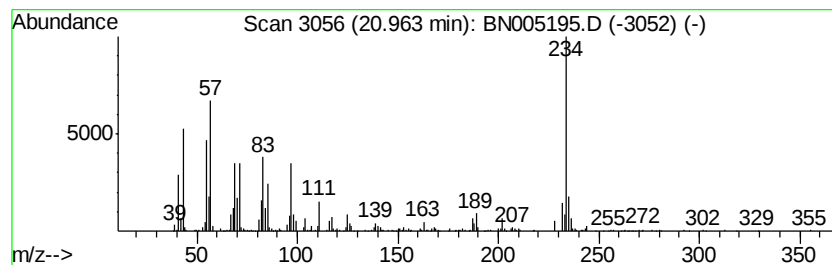
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Cyclic20.96 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.31 ng/ul	2242360	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
3		Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	81
4		Cyclotetracosane	336	C24H48	000297-03-0	81
5		1-Docosene	308	C22H44	001599-67-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH8

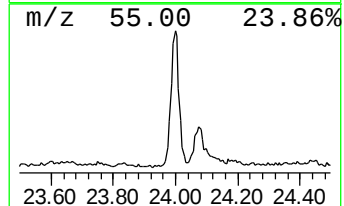
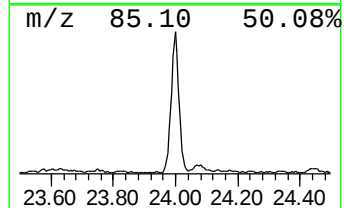
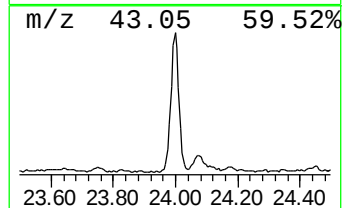
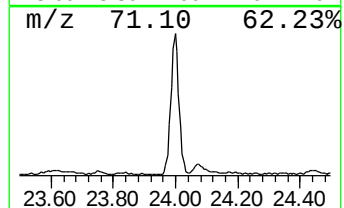
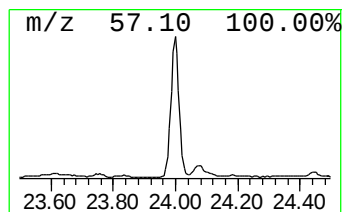
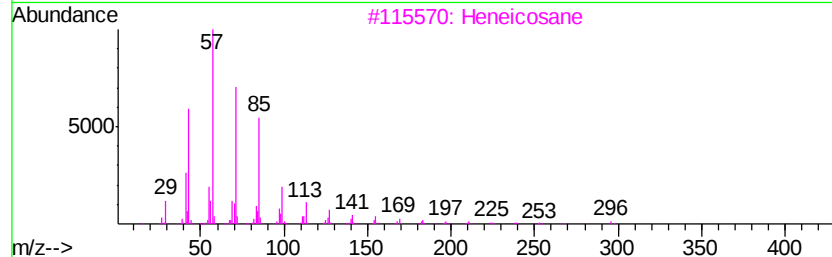
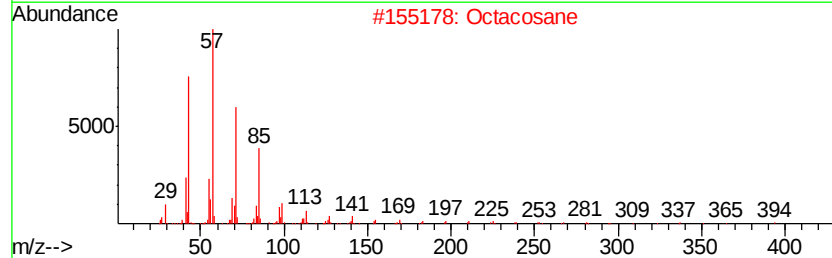
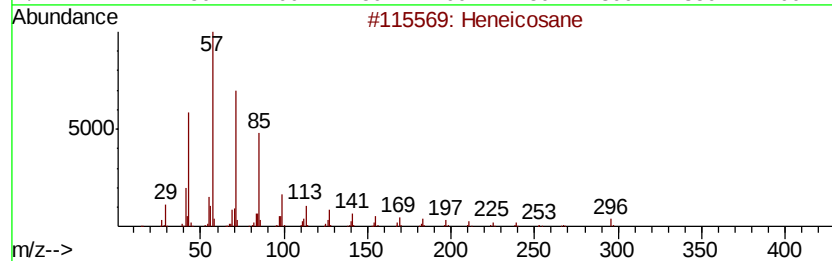
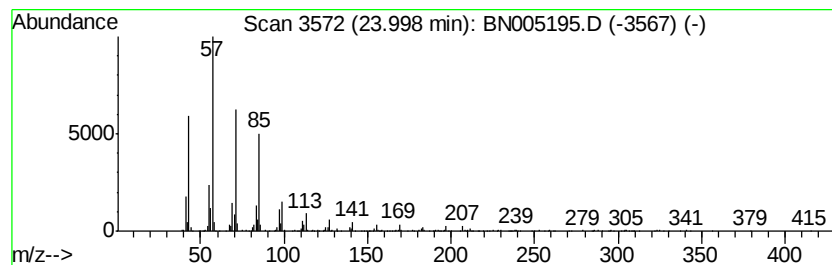
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	3.84 ng/ul	1209730	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5			Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005195.D
Acq On : 23 Apr 2019 03:55
Operator : JU/SJ
Sample : K2402-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH8

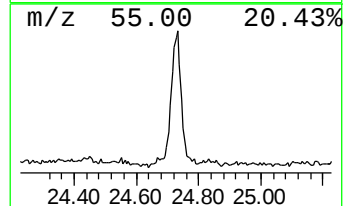
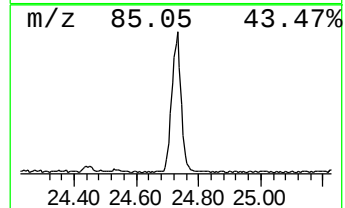
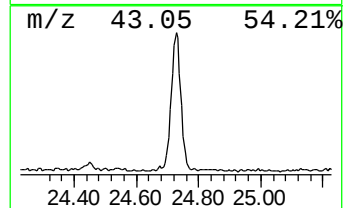
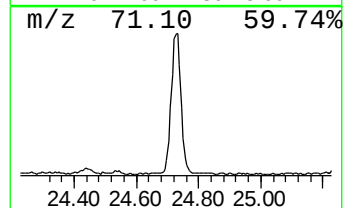
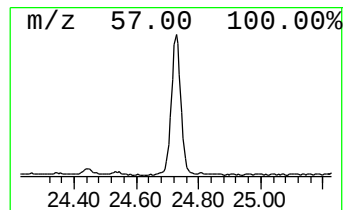
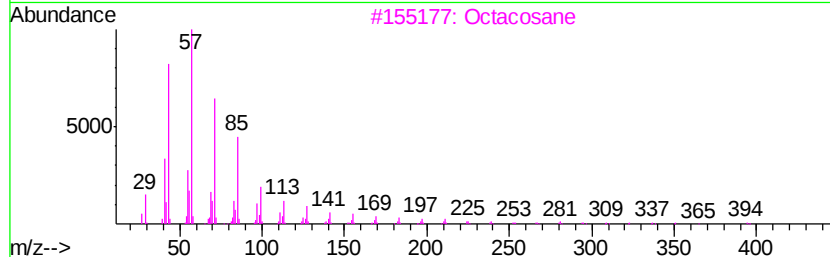
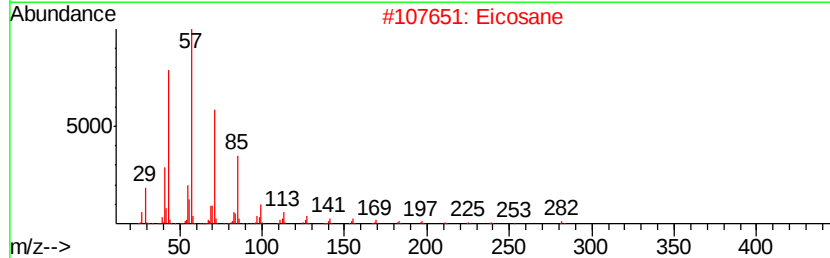
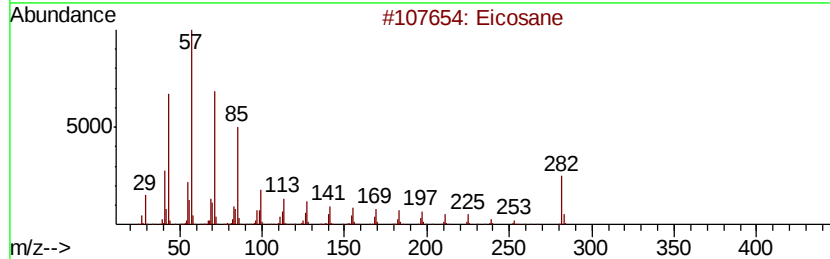
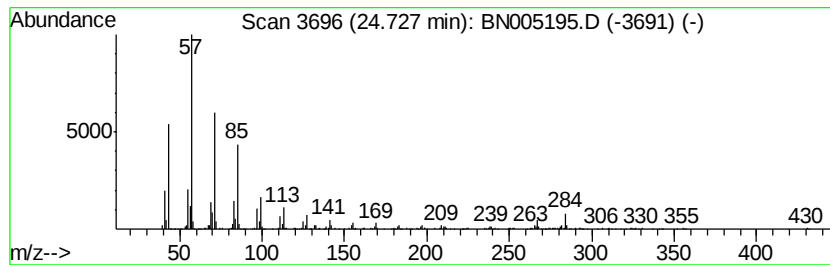
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	3.51 ng/ul	1105130	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	94
2	Eicosane			282	C20H42	000112-95-8	93
3	Octacosane			394	C28H58	000630-02-4	90
4	Heneicosane			296	C21H44	000629-94-7	90
5	Octacosane			394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005195.D
 Acq On : 23 Apr 2019 03:55
 Operator : JU/SJ
 Sample : K2402-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH8

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
Benzene, 1,2,3-tr...	7.26	8.5	ng/ul	1369220	1	7.60	3221850	20.0
Indene	8.12	24.5	ng/ul	3950530	1	7.60	3221850	20.0
2-Methylindene	9.80	9.3	ng/ul	2581950	2	10.36	5573850	20.0
Naphthalene, 1-me...	12.26	77.2	ng/ul	21512700	2	10.36	5573850	20.0
Naphthalene, 1-et...	13.26	4.1	ng/ul	2185380	3	14.23	10680600	20.0
Naphthalene, 1,6-...	13.39	8.4	ng/ul	4477090	3	14.23	10680600	20.0
Naphthalene, 1,5-...	13.55	18.5	ng/ul	9855900	3	14.23	10680600	20.0
Naphthalene, 2,3-...	13.79	7.6	ng/ul	4078160	3	14.23	10680600	20.0
Naphthalene, 2,3,...	14.72	3.2	ng/ul	1731500	3	14.23	10680600	20.0
Naphthalene, 1,4,...	14.85	5.6	ng/ul	2974140	3	14.23	10680600	20.0
Naphthalene, 1,6,...	14.91	2.2	ng/ul	1171660	3	14.23	10680600	20.0
1H-Phenylene	15.11	3.9	ng/ul	2055680	3	14.23	10680600	20.0
2-Hydroxyfluorene	15.58	2.9	ng/ul	1522200	3	14.23	10680600	20.0
9H-Fluorene, 2-me...	16.29	8.0	ng/ul	3582930	4	16.99	8977550	20.0
9H-Fluorene, 1-me...	16.34	4.0	ng/ul	1806130	4	16.99	8977550	20.0
9H-Fluorene, 3-me...	16.44	3.9	ng/ul	1733940	4	16.99	8977550	20.0
9H-Fluorene, 9-me...	16.65	2.4	ng/ul	1080220	4	16.99	8977550	20.0
Naphtho[2,3-b]thi...	16.80	10.5	ng/ul	4719470	4	16.99	8977550	20.0
Anthracene, 9-eth...	17.52	3.3	ng/ul	1489140	4	16.99	8977550	20.0
Dibenzothiophene,...	17.56	4.8	ng/ul	2163610	4	16.99	8977550	20.0
Dibenzothiophene,...	17.71	4.3	ng/ul	1909760	4	16.99	8977550	20.0
Phenanthrene, 2-m...	17.86	17.3	ng/ul	7765690	4	16.99	8977550	20.0
Phenanthrene, 1-m...	17.91	19.3	ng/ul	8658310	4	16.99	8977550	20.0
4H-Cyclopenta[def...	18.06	30.8	ng/ul	13825100	4	16.99	8977550	20.0
1H-Cyclopropa[l]p...	18.09	10.5	ng/ul	4720550	4	16.99	8977550	20.0
2-Phenylnaphthalene	18.37	8.9	ng/ul	3981150	4	16.99	8977550	20.0
Phenanthrene, 1,7...	18.62	2.3	ng/ul	1051750	4	16.99	8977550	20.0
Phenanthrene, 2,7...	18.67	3.0	ng/ul	1363330	4	16.99	8977550	20.0
Phenanthrene, 2,5...	18.79	9.1	ng/ul	4082800	4	16.99	8977550	20.0
(DEL) Alkane: Cyc...	20.96	2.3	ng/ul	2242360	5	21.21	19426300	20.0
(DEL) Alkane: Str...	24.00	3.8	ng/ul	1209730	6	23.41	6295330	20.0
(DEL) Alkane: Str...	24.73	3.5	ng/ul	1105130	6	23.41	6295330	20.0