

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ72

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	7.593	776	783	792	rBV	1209720	1969884	8.17%	0.747%
2	8.116	862	872	881	rBV	337092	559934	2.32%	0.212%
3	10.351	1244	1252	1256	rBV	1910224	3204636	13.29%	1.215%
4	10.399	1256	1260	1269	rVV	1530076	2544352	10.55%	0.964%
5	11.740	1482	1488	1495	rVV2	240811	442688	1.84%	0.168%
6	11.957	1520	1525	1530	rVV	254954	503174	2.09%	0.191%
7	12.022	1530	1536	1544	rVB	2233128	3579913	14.85%	1.357%
8	12.240	1562	1573	1585	rBV	2886012	4714680	19.55%	1.787%
9	13.381	1757	1767	1776	rBV	1165256	3027196	12.56%	1.148%
10	13.545	1785	1795	1800	rVV	2489747	4368654	18.12%	1.656%
11	13.598	1800	1804	1808	rVV	1495684	2247728	9.32%	0.852%
12	13.640	1808	1811	1814	rVV	542249	806030	3.34%	0.306%
13	13.675	1814	1817	1823	rVV2	1113364	1703312	7.06%	0.646%
14	13.781	1829	1835	1838	rVV	1025257	1567358	6.50%	0.594%
15	13.810	1838	1840	1851	rVB	397737	557477	2.31%	0.211%
16	13.945	1851	1863	1871	rBV	4960274	8394279	34.81%	3.182%
17	14.222	1901	1910	1916	rVV2	2857073	4726310	19.60%	1.792%
18	14.287	1916	1921	1930	rVV	853927	1336815	5.54%	0.507%
19	14.445	1942	1948	1956	rBV2	263697	607487	2.52%	0.230%
20	14.628	1970	1979	1987	rVV2	927378	1730994	7.18%	0.656%
21	14.710	1987	1993	1998	rVB	736764	1047955	4.35%	0.397%
22	14.839	2008	2015	2021	rBV3	838042	1978138	8.20%	0.750%
23	14.904	2022	2026	2029	rVV	493324	703721	2.92%	0.267%
24	14.998	2037	2042	2044	rBV2	331501	487179	2.02%	0.185%
25	15.022	2044	2046	2049	rVV	337908	445188	1.85%	0.169%
26	15.098	2055	2059	2066	rVB2	1311167	1872724	7.77%	0.710%
27	15.222	2075	2080	2085	rVV2	1692828	2553229	10.59%	0.968%
28	15.281	2085	2090	2101	rVV	5001546	8091585	33.56%	3.067%
29	15.404	2108	2111	2115	rVV2	401865	623073	2.58%	0.236%
30	15.492	2121	2126	2135	rVV5	238365	667917	2.77%	0.253%
31	15.575	2135	2140	2151	rVB2	441023	837491	3.47%	0.317%
32	15.728	2162	2166	2174	rVB2	372324	790012	3.28%	0.299%
33	15.969	2200	2207	2210	rBV2	537638	871463	3.61%	0.330%
34	16.286	2253	2261	2266	rVV2	1220876	2736617	11.35%	1.037%

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35	16.334	2266	2269	2274	rVV	776195	1183093	4.91%	0.448%
36	16.433	2281	2286	2292	rVV	770719	1240161	5.14%	0.470%
37	16.557	2304	2307	2311	rVV3	301309	499732	2.07%	0.189%
38	16.798	2344	2348	2358	rVB	1605513	2496115	10.35%	0.946%
39	16.981	2373	2379	2382	rBV	3662323	5435325	22.54%	2.060%
40	17.028	2382	2387	2392	rVV	16230041	24111102	100.00%	9.140%
41	17.081	2392	2396	2398	rVV	849911	1283358	5.32%	0.486%
42	17.116	2398	2402	2407	rVV	3496183	4911025	20.37%	1.862%
43	17.175	2407	2412	2418	rVV3	352117	748358	3.10%	0.284%
44	17.504	2464	2468	2472	rVV	924756	1222119	5.07%	0.463%
45	17.563	2473	2478	2483	rVV	1024202	1625975	6.74%	0.616%
46	17.610	2483	2486	2492	rVV2	292790	466555	1.94%	0.177%
47	17.710	2492	2503	2510	rVB2	640147	1609980	6.68%	0.610%
48	17.857	2523	2528	2532	rVV	3440495	4788644	19.86%	1.815%
49	17.904	2532	2536	2542	rVV	3766956	5453877	22.62%	2.067%
50	17.986	2545	2550	2555	rBV	979451	1335094	5.54%	0.506%
51	18.051	2555	2561	2565	rVV2	5317925	9143027	37.92%	3.466%
52	18.092	2565	2568	2577	rVB	2447717	3294290	13.66%	1.249%
53	18.363	2610	2614	2618	rVV	1444288	2038033	8.45%	0.773%
54	18.410	2618	2622	2627	rVB2	1166454	1795224	7.45%	0.681%
55	18.616	2654	2657	2662	rVB3	386658	487532	2.02%	0.185%
56	18.669	2662	2666	2669	rBV	510053	614542	2.55%	0.233%
57	18.704	2669	2672	2677	rVB2	433561	603026	2.50%	0.229%
58	18.792	2681	2687	2691	rBV2	1757223	3036812	12.60%	1.151%
59	18.851	2691	2697	2700	rBV2	1033394	1805768	7.49%	0.685%
60	18.880	2700	2702	2706	rVB	906447	1062813	4.41%	0.403%
61	18.933	2706	2711	2713	rBV	623910	999182	4.14%	0.379%
62	19.057	2724	2732	2739	rBV	9480819	13329247	55.28%	5.053%
63	19.127	2739	2744	2747	rBV2	412156	564385	2.34%	0.214%
64	19.157	2747	2749	2753	rVV3	318017	454571	1.89%	0.172%
65	19.210	2753	2758	2762	rVV	3255576	4404093	18.27%	1.669%
66	19.263	2763	2767	2770	rVV3	390200	484451	2.01%	0.184%
67	19.327	2775	2778	2784	rVB	400273	639674	2.65%	0.242%
68	19.427	2784	2795	2803	rBV	12582074	19869358	82.41%	7.532%
69	19.504	2803	2808	2814	rVB3	401466	672489	2.79%	0.255%
70	19.757	2845	2851	2861	rVB2	1108773	2305197	9.56%	0.874%
71	19.892	2868	2874	2876	rBV2	1103237	1792737	7.44%	0.680%

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72	19.927	2876	2880	2885	rVB	2396960	3487465	14.46%	1.322%
73	20.027	2893	2897	2903	rVB	1970751	2339439	9.70%	0.887%
74	20.086	2903	2907	2911	rBV	1621580	1952841	8.10%	0.740%
75	20.227	2926	2931	2934	rVV	1145532	1511014	6.27%	0.573%
76	20.274	2934	2939	2943	rVB	1371336	1892265	7.85%	0.717%
77	20.680	3006	3008	3015	rVB3	378885	684610	2.84%	0.260%
78	20.851	3033	3037	3040	rVV	813139	1089318	4.52%	0.413%
79	20.886	3040	3043	3047	rVV	1035080	1173607	4.87%	0.445%
80	20.927	3047	3050	3054	rVV	506004	613044	2.54%	0.232%
81	21.092	3074	3078	3089	rVB	289816	498048	2.07%	0.189%
82	21.204	3090	3097	3101	rBV3	6522080	13242437	54.92%	5.020%
83	21.245	3101	3104	3111	rVV	4177370	5492878	22.78%	2.082%
84	21.416	3129	3133	3148	rVB2	1073137	1899643	7.88%	0.720%
85	21.763	3185	3192	3197	rVV	1076683	2044331	8.48%	0.775%
86	21.810	3197	3200	3205	rVV2	652938	1015698	4.21%	0.385%
87	21.874	3206	3211	3214	rVV2	420587	828820	3.44%	0.314%
88	21.904	3214	3216	3220	rVV2	444432	663079	2.75%	0.251%
89	21.951	3220	3224	3227	rVV2	622851	968142	4.02%	0.367%
90	21.986	3227	3230	3234	rVV2	739719	978980	4.06%	0.371%
91	22.280	3276	3280	3288	rVB5	303970	552422	2.29%	0.209%
92	22.763	3355	3362	3373	rBV	1691937	5235081	21.71%	1.984%
93	22.921	3384	3389	3397	rBV	571873	1038128	4.31%	0.394%
94	23.221	3434	3440	3445	rBV	1164369	2086949	8.66%	0.791%
95	23.268	3445	3448	3451	rVV2	398330	584667	2.42%	0.222%
96	23.315	3451	3456	3463	rVB	2143822	3864157	16.03%	1.465%
97	23.410	3465	3472	3477	rBV	2319901	4372353	18.13%	1.657%
98	24.251	3609	3615	3622	rVB2	270392	539636	2.24%	0.205%
99	25.586	3835	3842	3854	rVB3	601877	1728845	7.17%	0.655%
100	26.251	3947	3955	3967	rVB2	439465	1317704	5.47%	0.500%

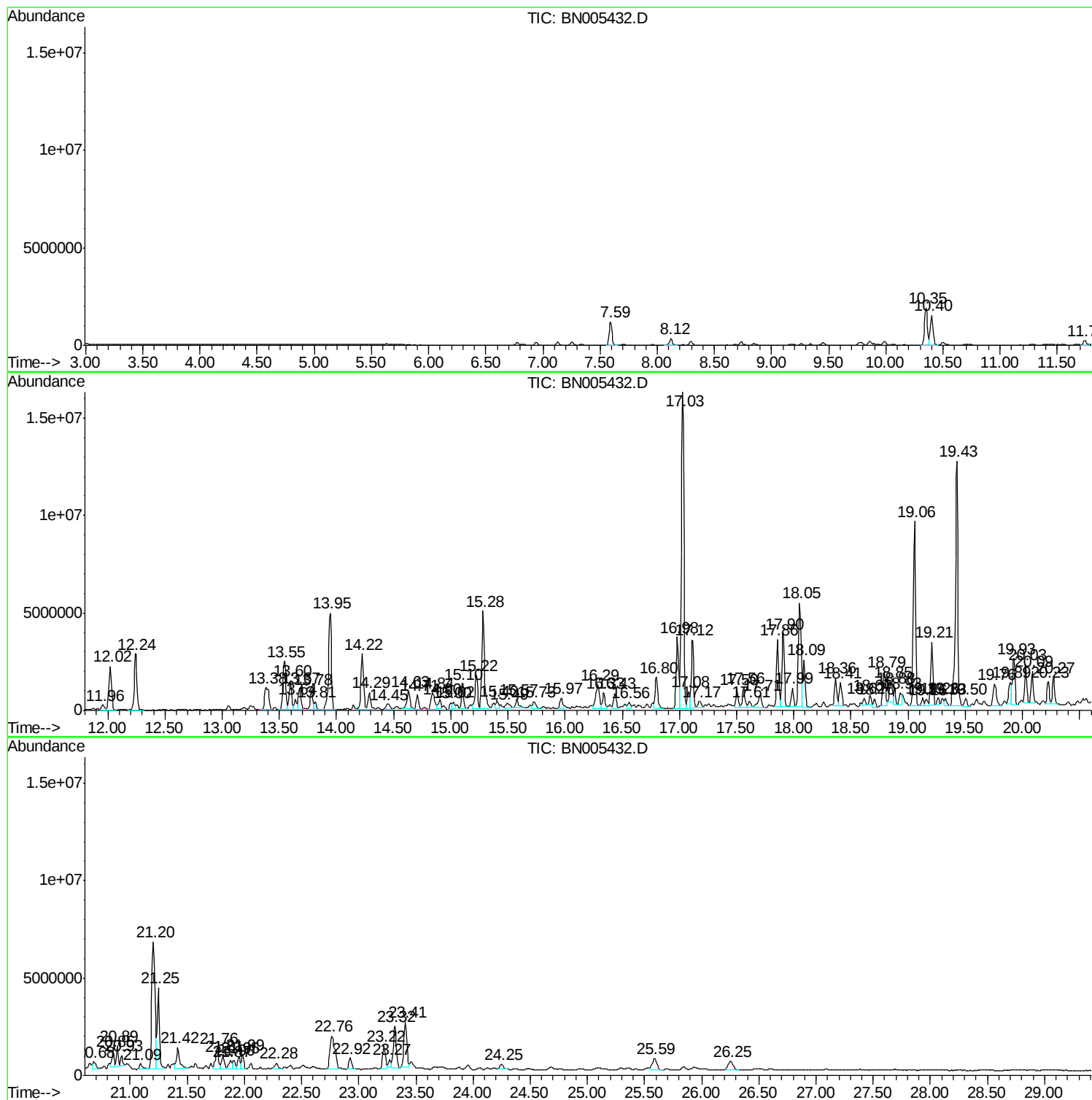
Sum of corrected areas: 263801758

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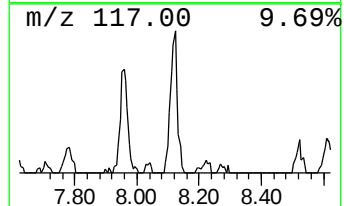
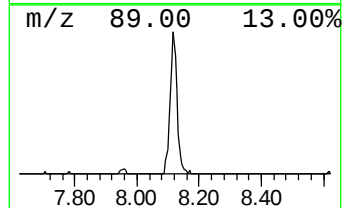
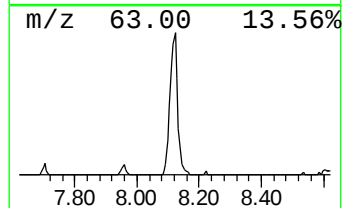
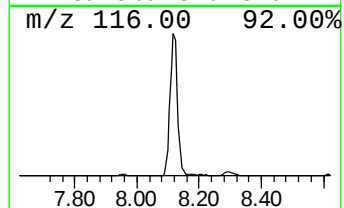
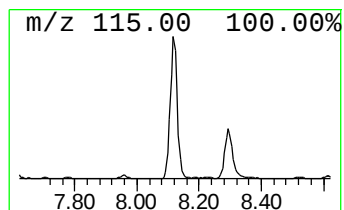
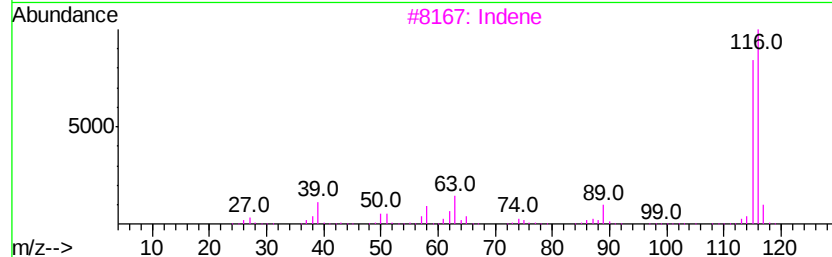
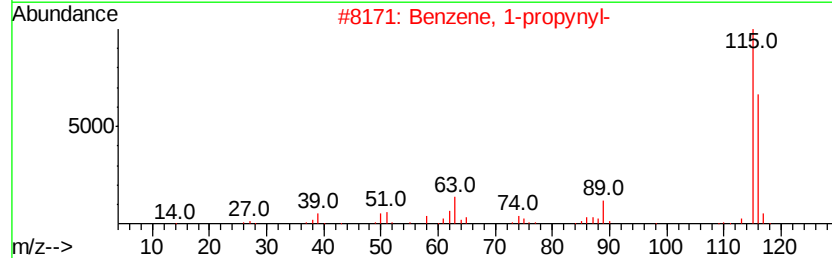
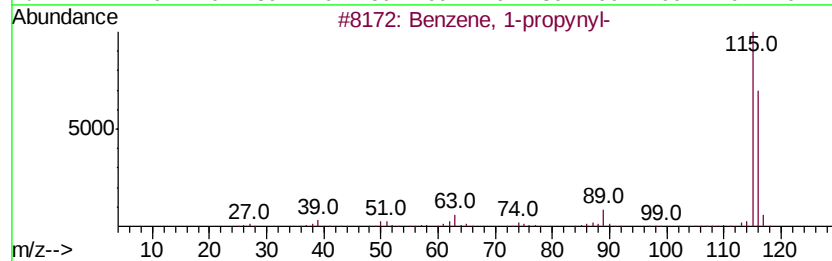
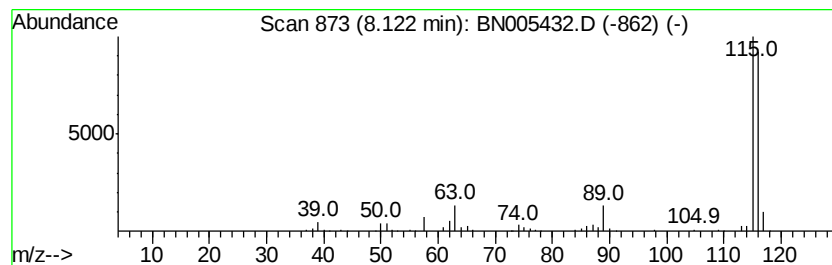
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	5.68 ng/ul	559934	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			Indene	116	C9H8	000095-13-6	94
4			Indene	116	C9H8	000095-13-6	93
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



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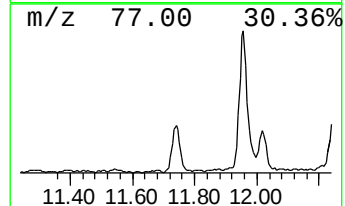
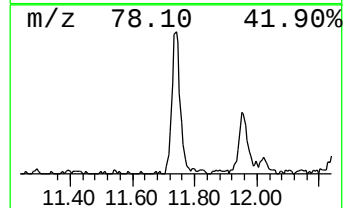
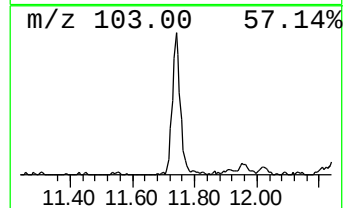
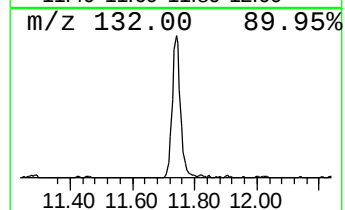
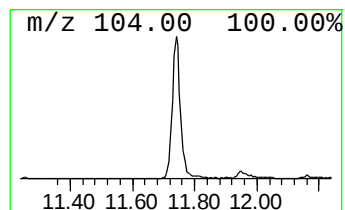
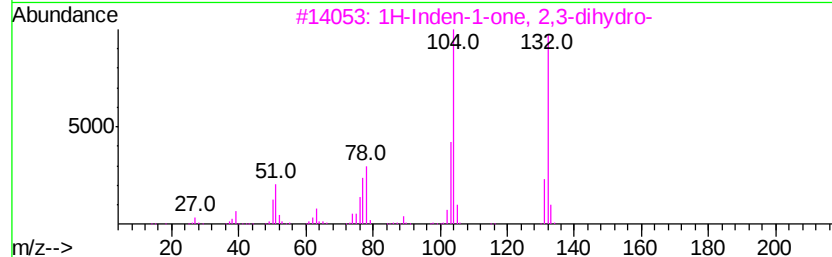
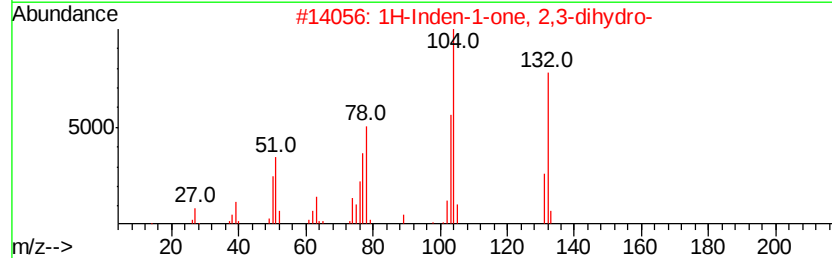
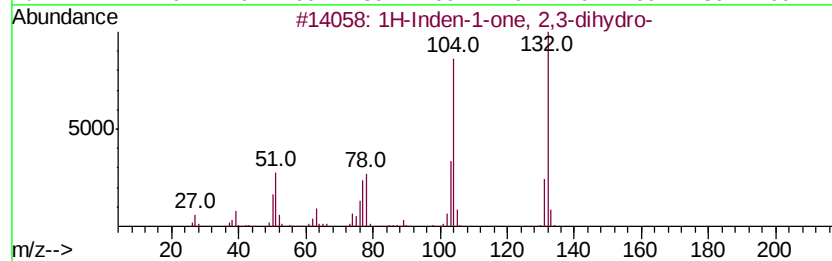
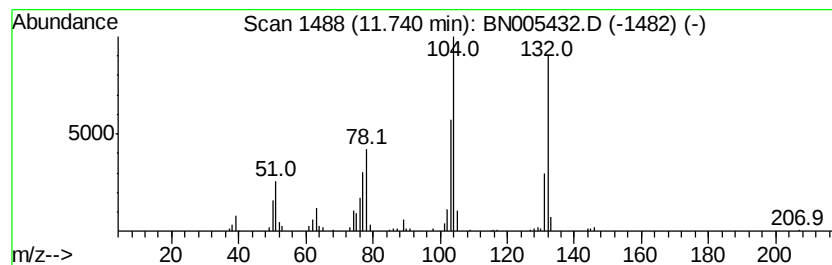
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.76 ng/ul	442688	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	68
5		Styrene	104	C8H8	000100-42-5	64



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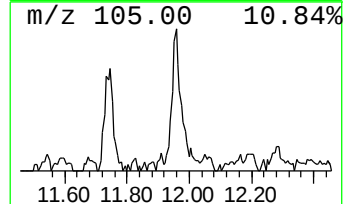
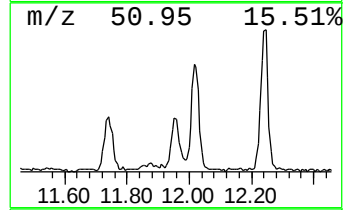
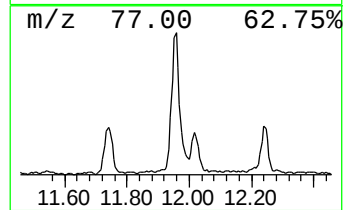
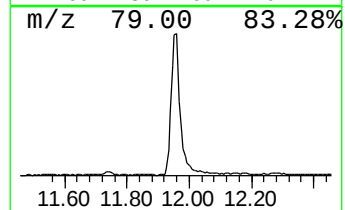
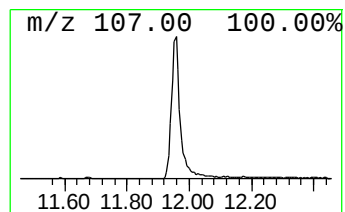
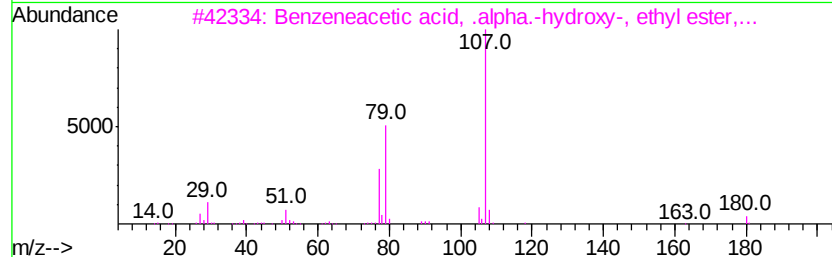
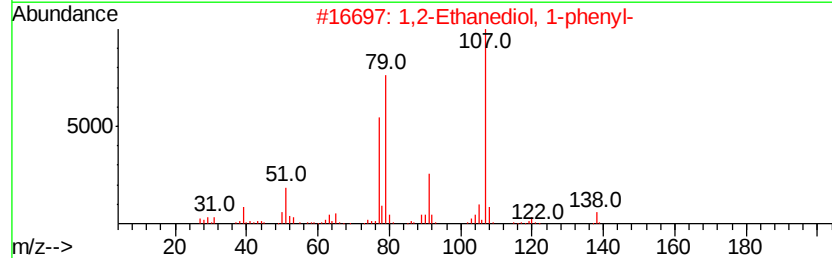
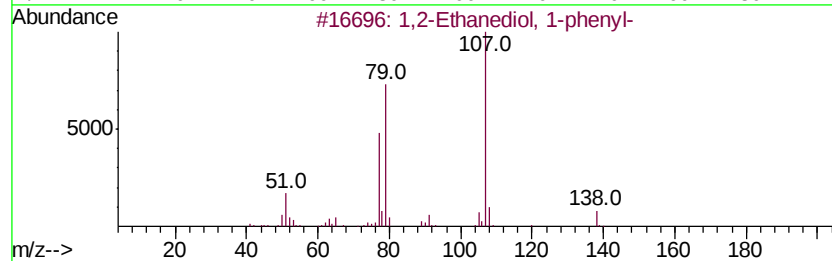
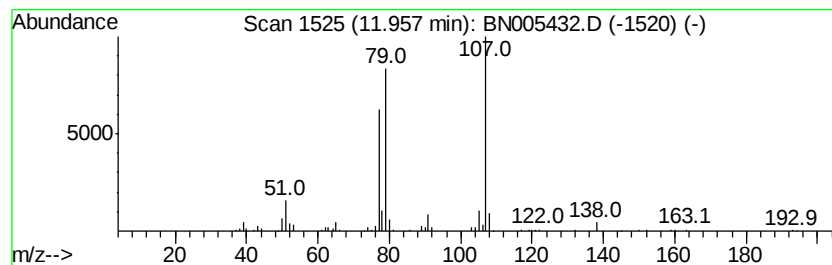
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,2-Ethanediol, 1-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.14 ng/ul	503174	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	91
2		1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	90
3		Benzeneacetic acid, .alpha.-hydr...	180	C10H12O3	010606-72-1	90
4		1,2-Ethanediol, 1,2-diphenyl-, (...)	214	C14H14O2	000655-48-1	83
5		Benzenemethanol, .alpha.-2-prope...	148	C10H12O	000936-58-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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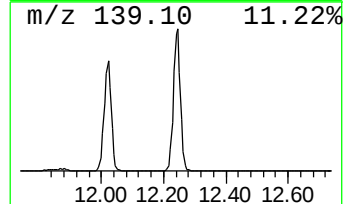
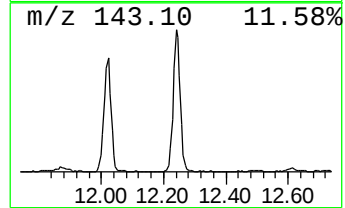
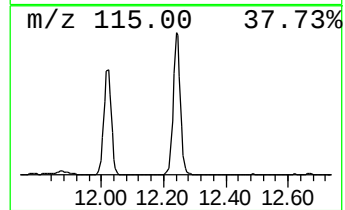
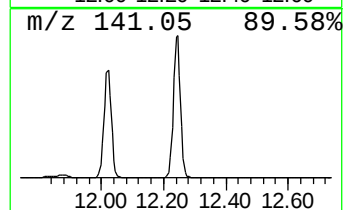
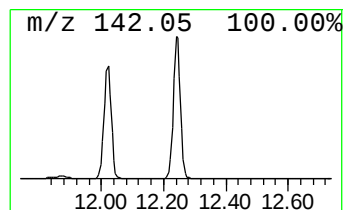
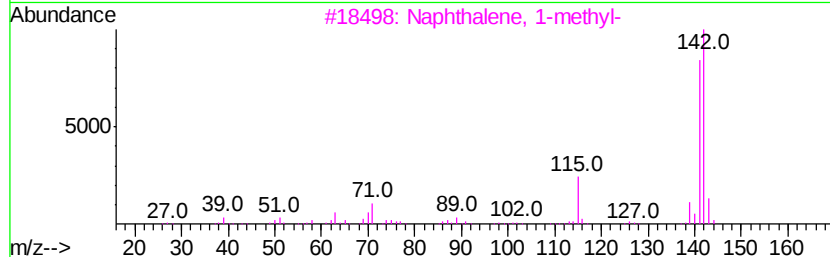
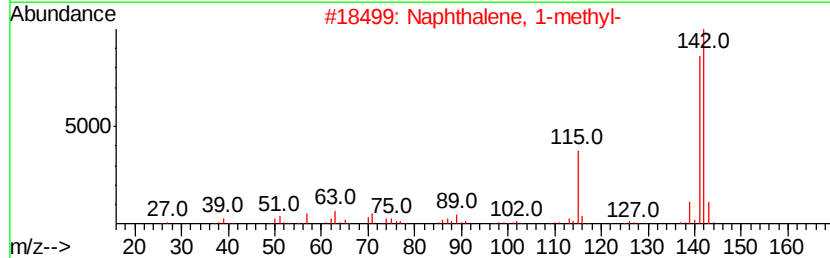
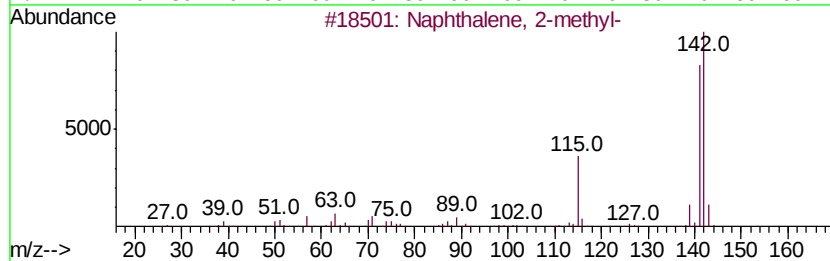
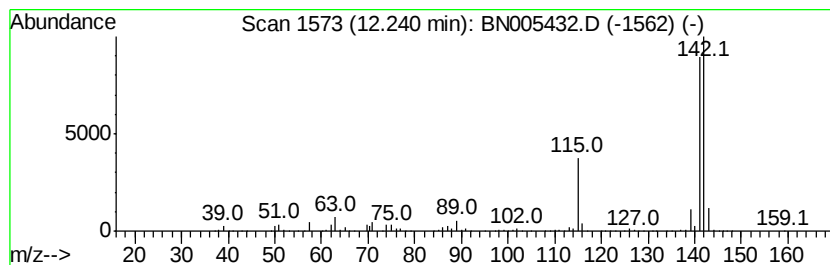
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	29.42 ng/ul	4714680	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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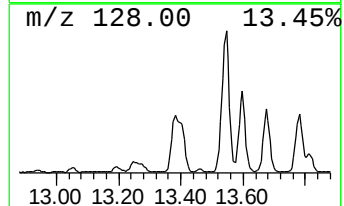
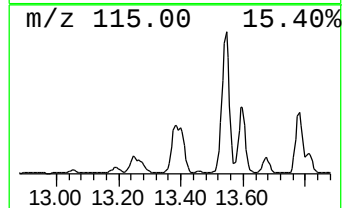
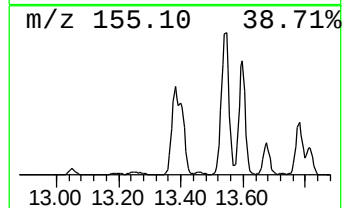
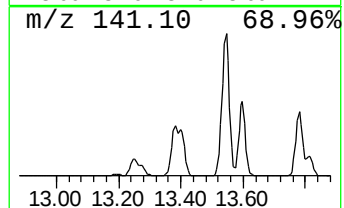
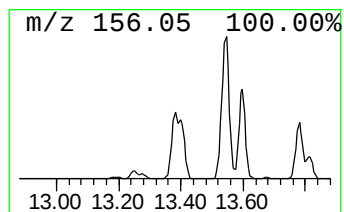
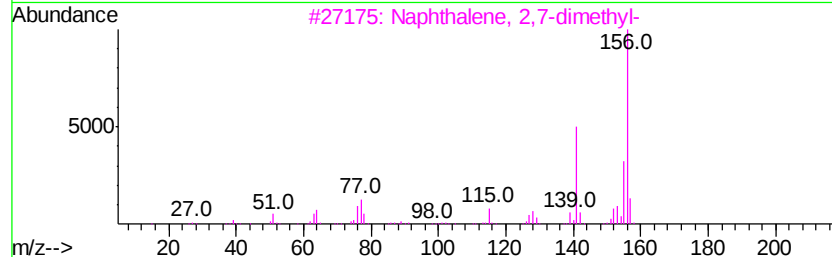
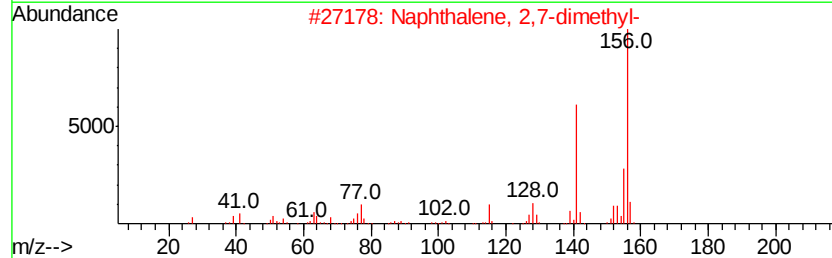
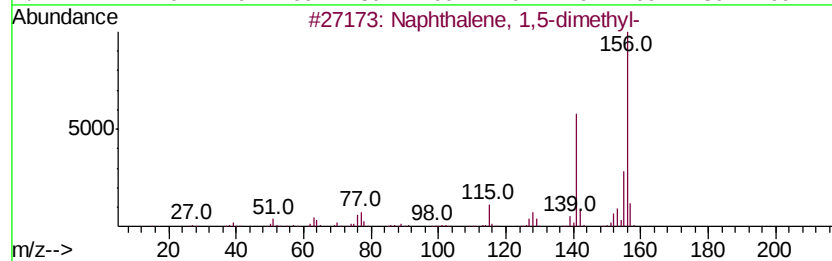
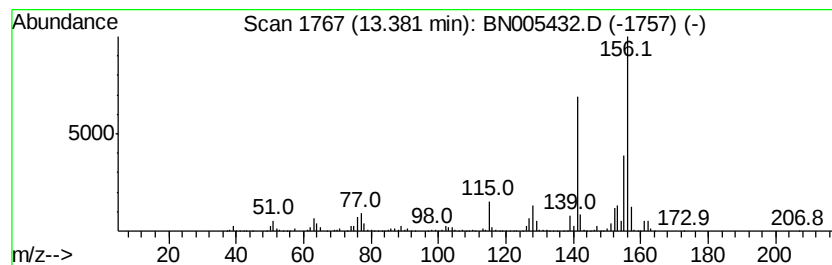
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	12.81 ng/ul	3027200	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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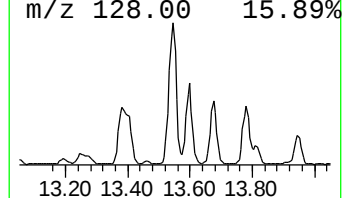
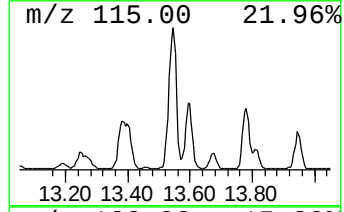
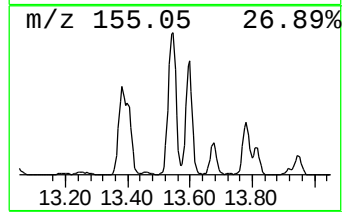
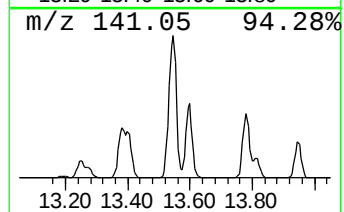
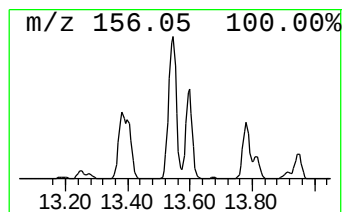
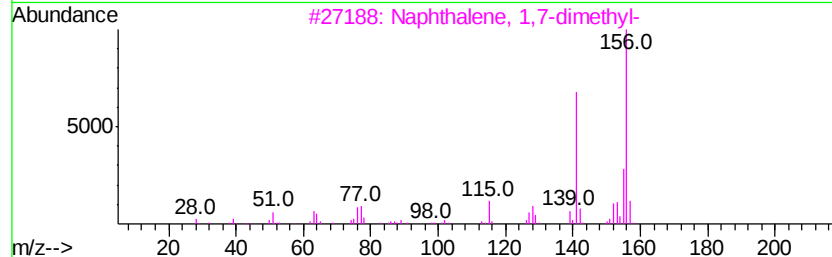
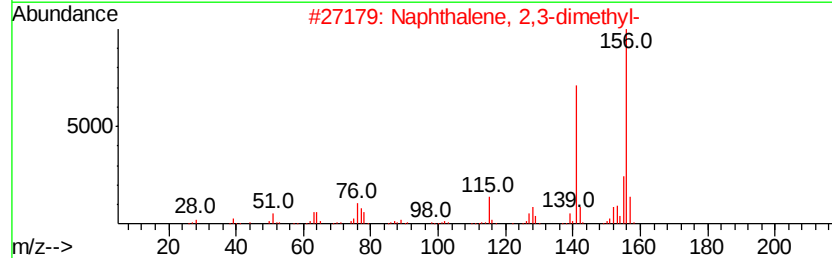
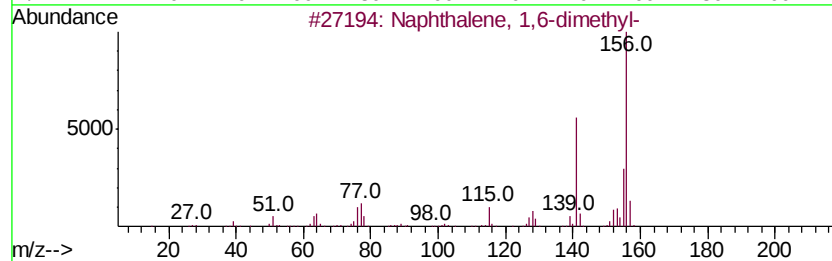
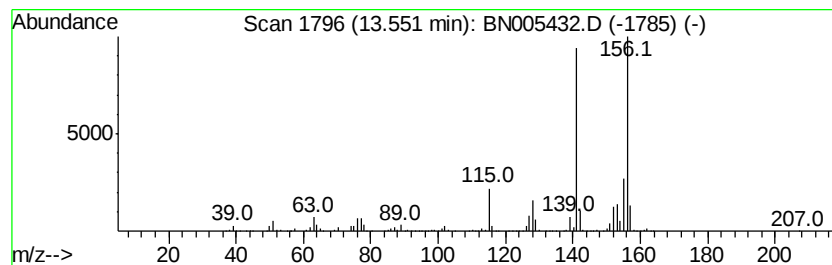
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	18.49 ng/ul	4368650	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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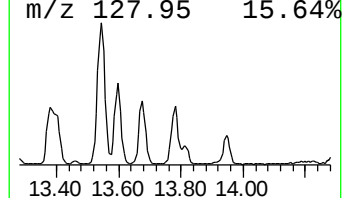
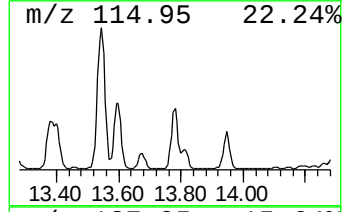
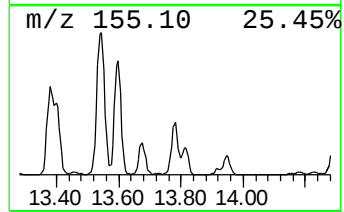
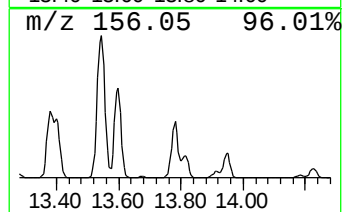
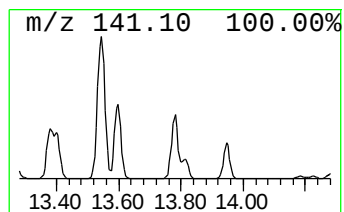
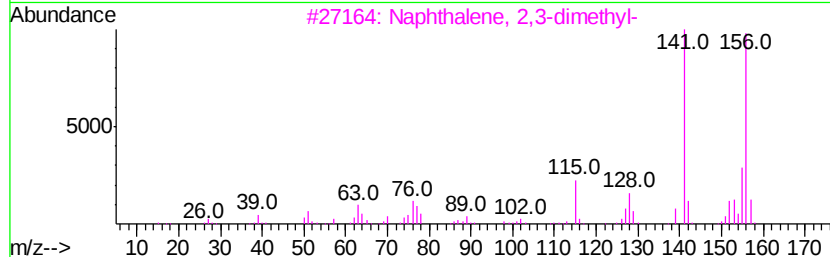
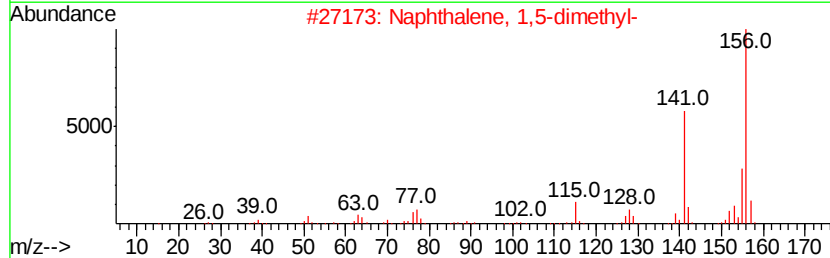
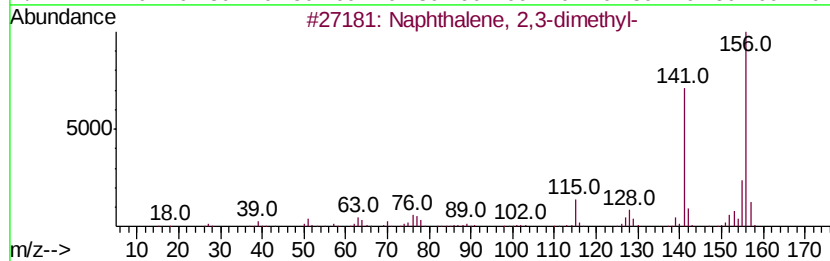
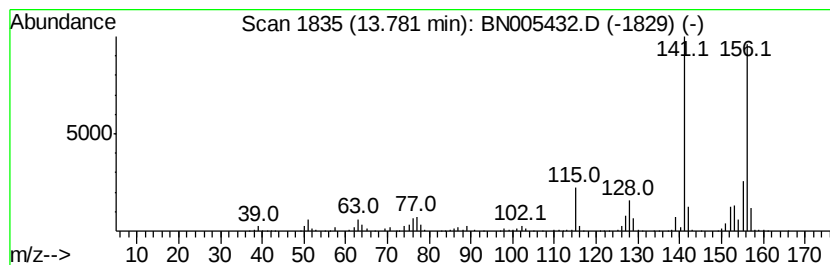
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	6.63 ng/ul	1567360	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
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Sample : K2603-20 5X
Misc :
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ClientSampleId :
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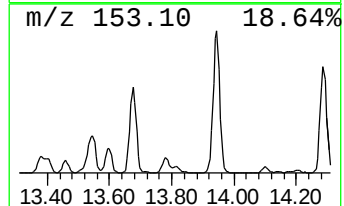
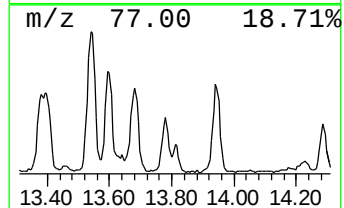
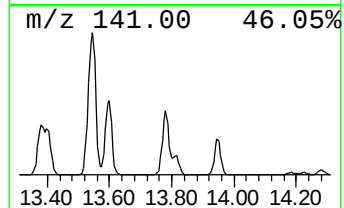
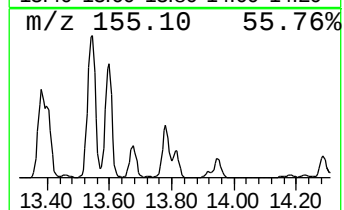
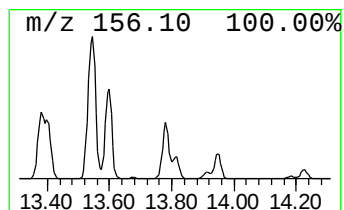
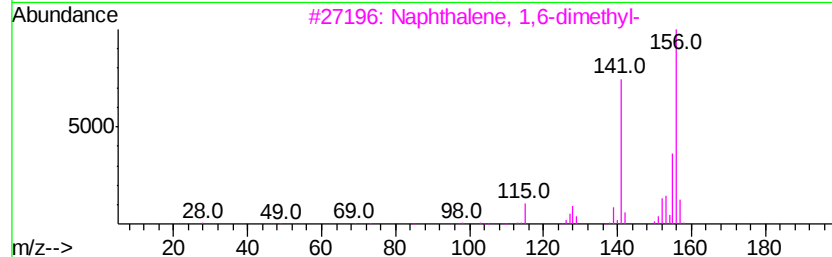
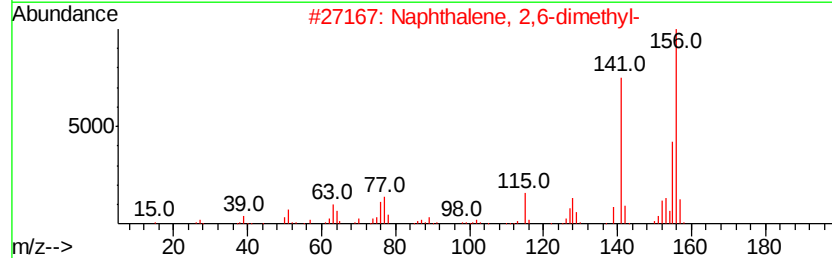
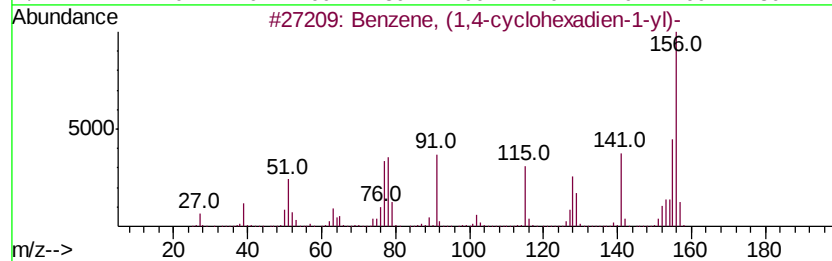
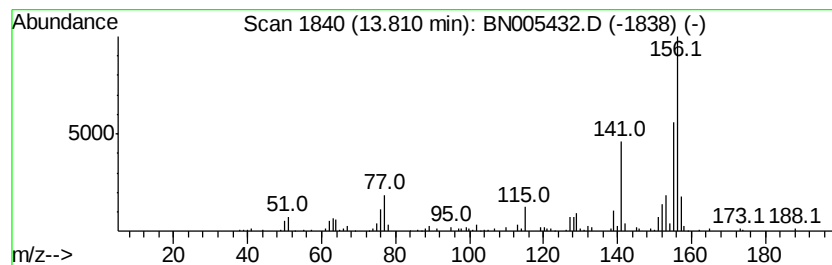
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, (1,4-cyclohexadien... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.36 ng/ul	557477	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	80
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	74
5		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
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Acq On : 03 May 2019 01:21
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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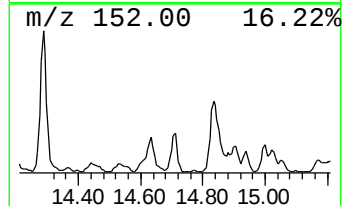
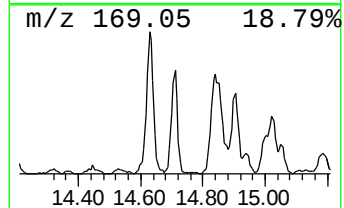
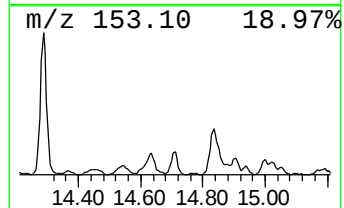
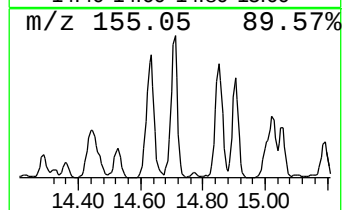
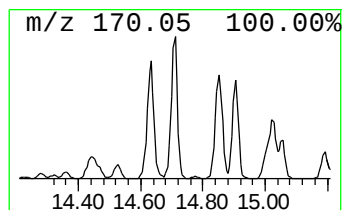
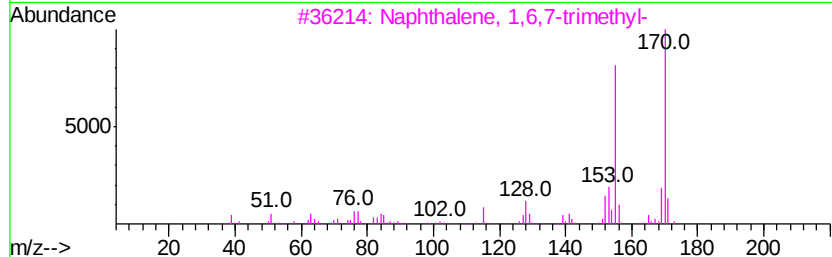
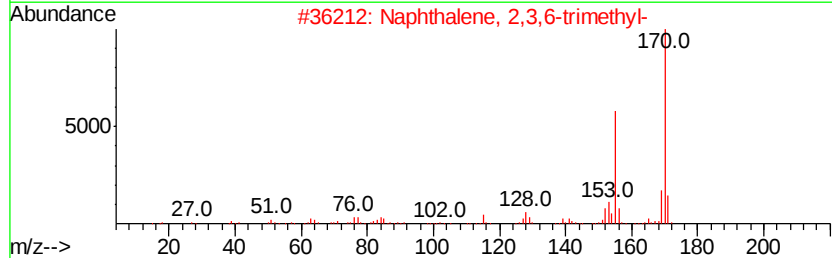
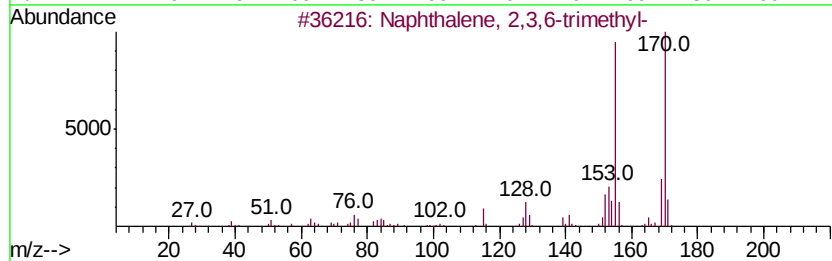
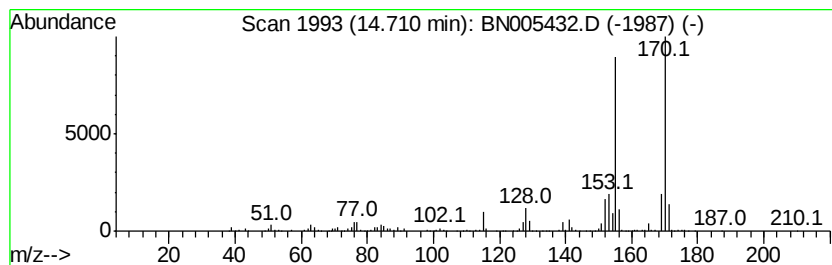
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.43 ng/ul	1047960	Acenaphthene-d10	14.22

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

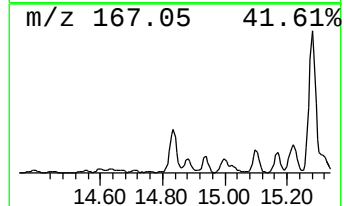
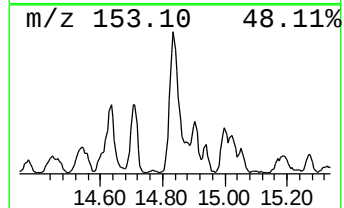
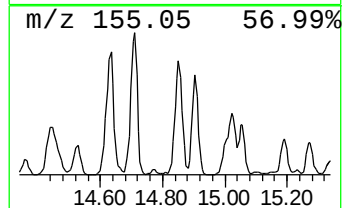
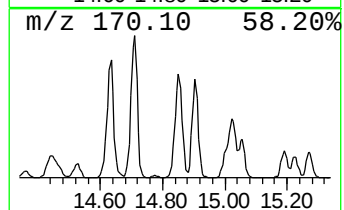
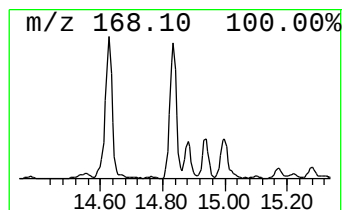
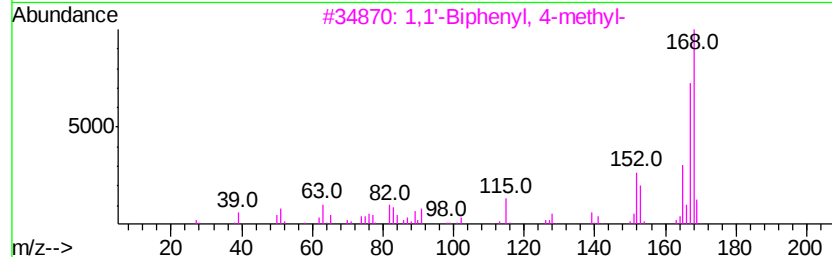
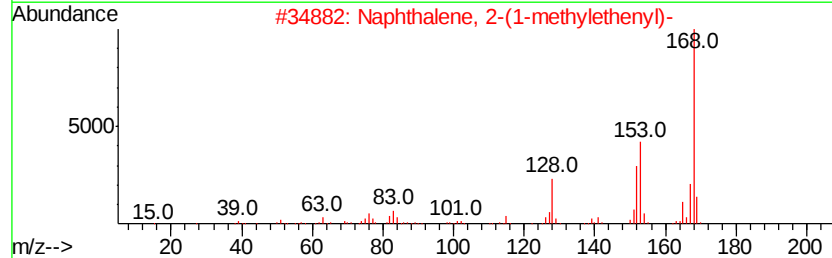
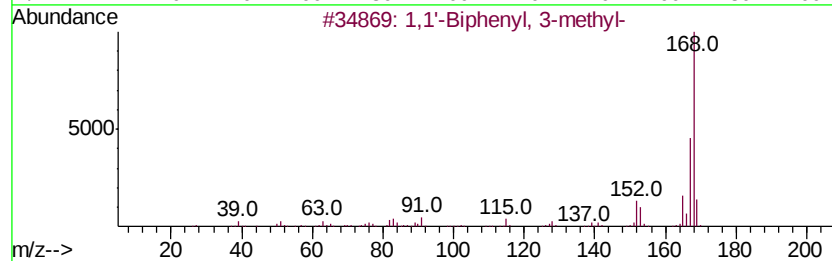
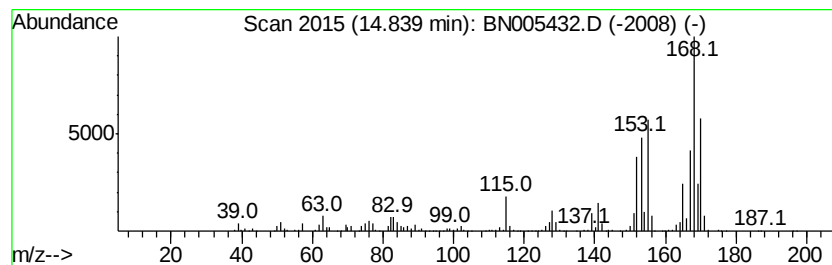
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.84	8.37 ng/ul	1978140	Acenaphthene-d10		14.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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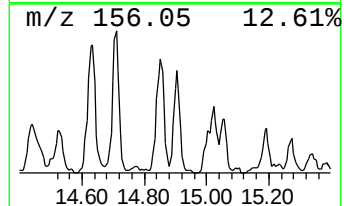
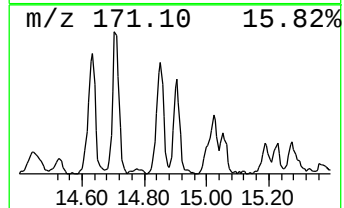
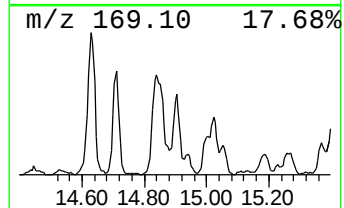
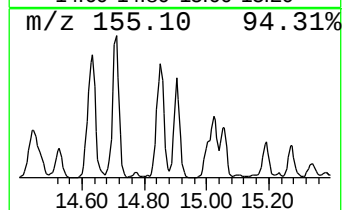
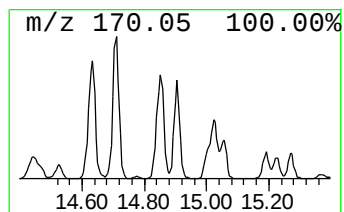
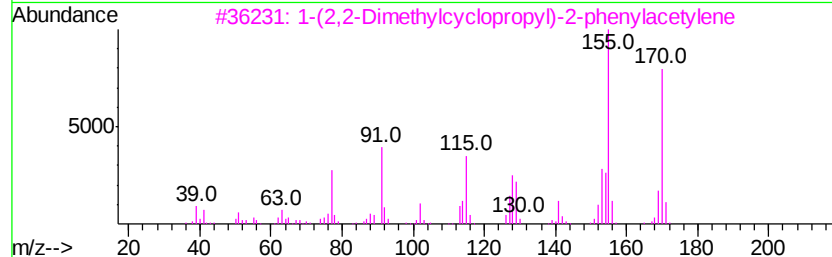
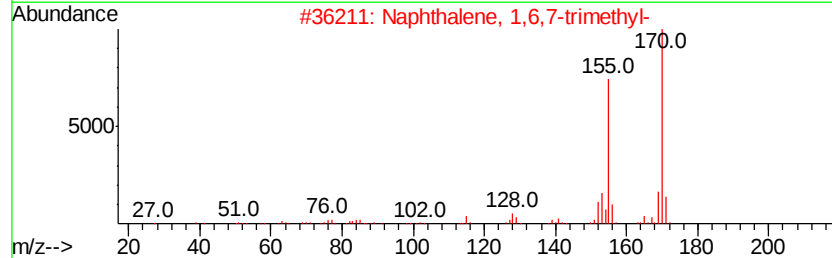
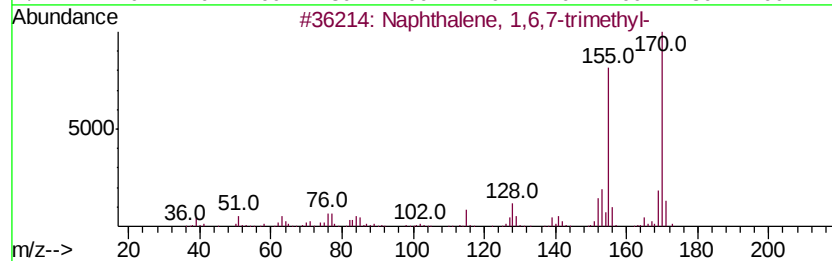
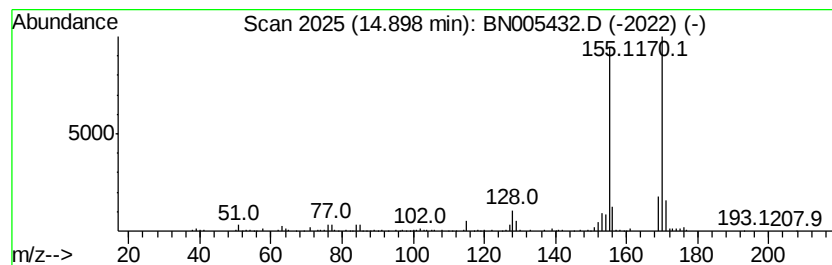
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.98 ng/ul	703721	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
3		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
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Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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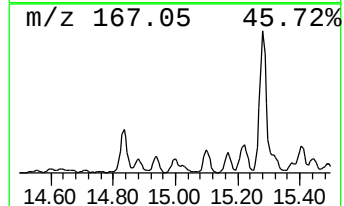
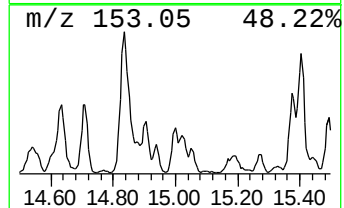
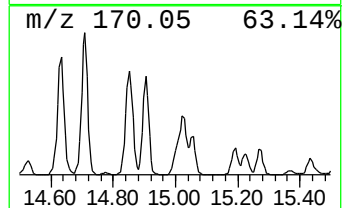
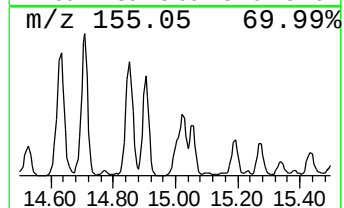
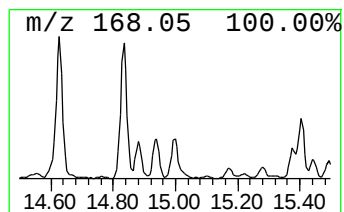
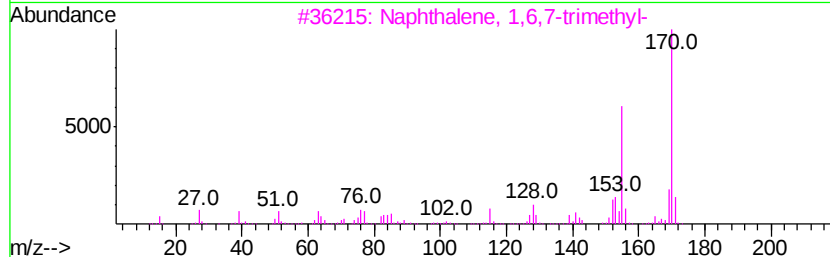
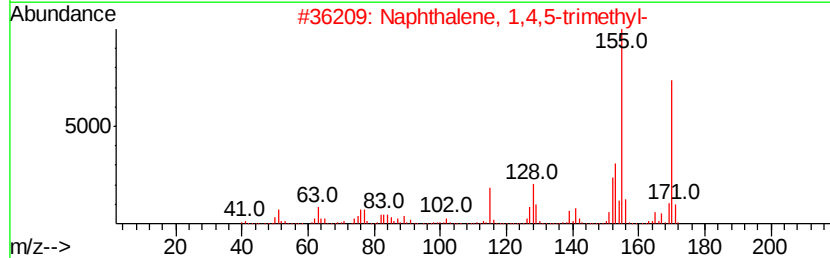
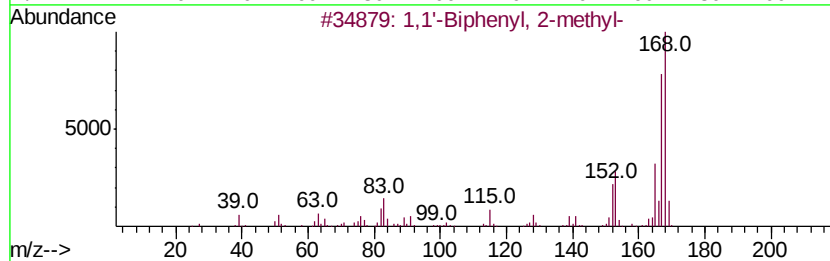
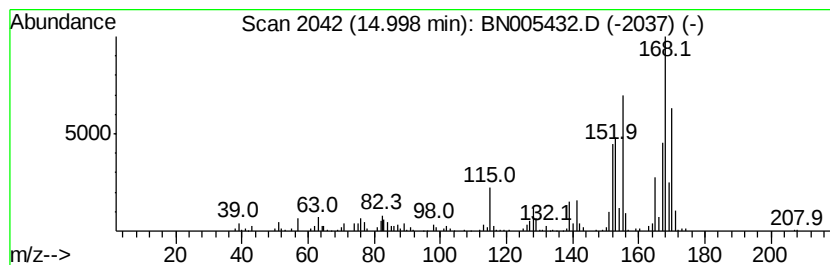
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.06 ng/ul	487179	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	38
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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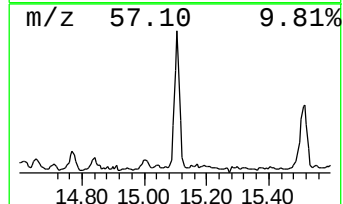
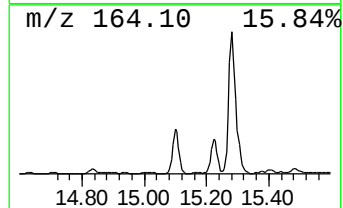
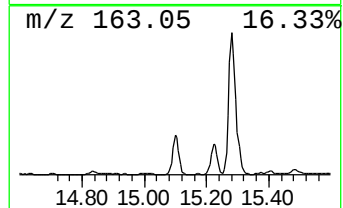
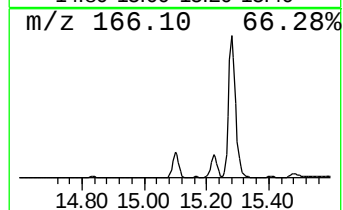
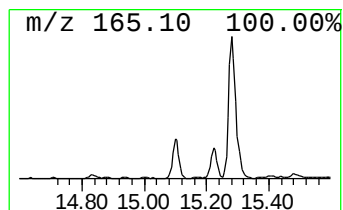
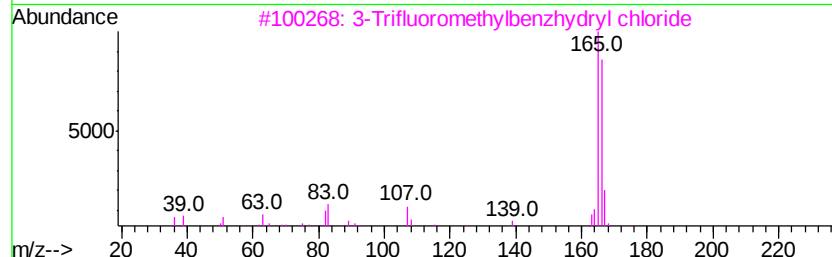
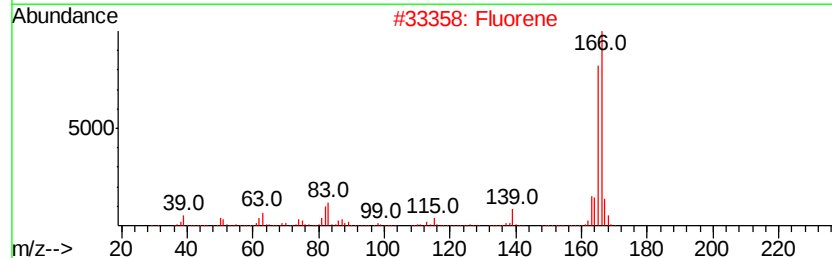
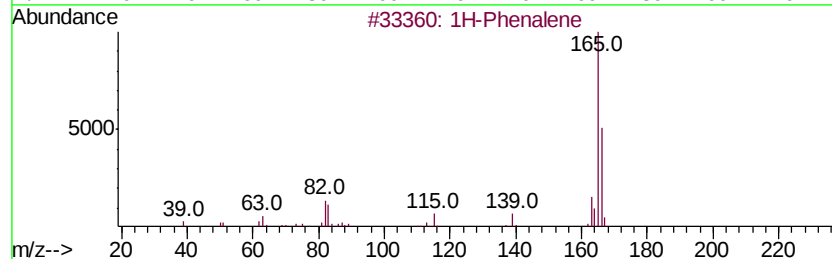
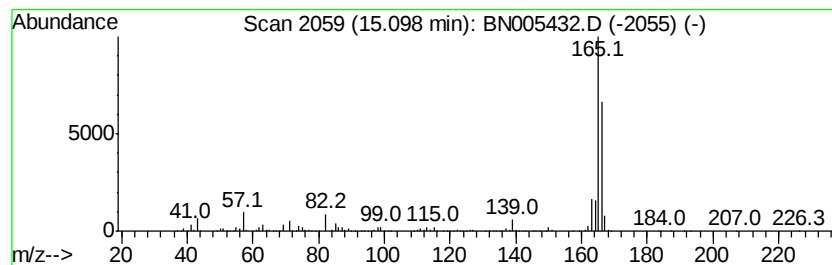
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1H-Phenalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.92 ng/ul	1872720	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	64
2		Fluorene	166	C13H10	000086-73-7	64
3		3-Trifluoromethylbenzhvdrv1 chlo...	270	C14H10ClF3	067240-79-3	50
4		Fluorene	166	C13H10	000086-73-7	43
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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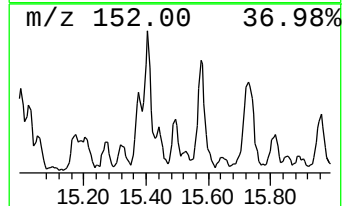
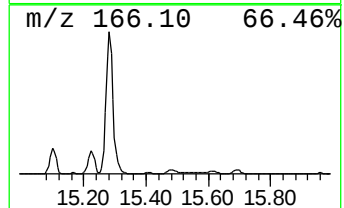
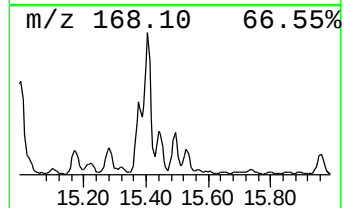
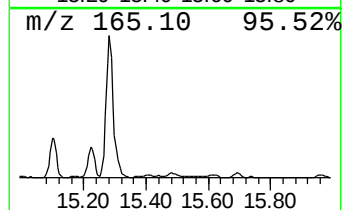
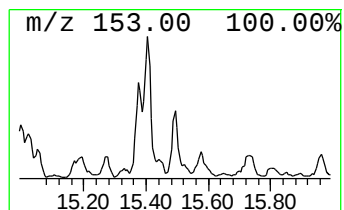
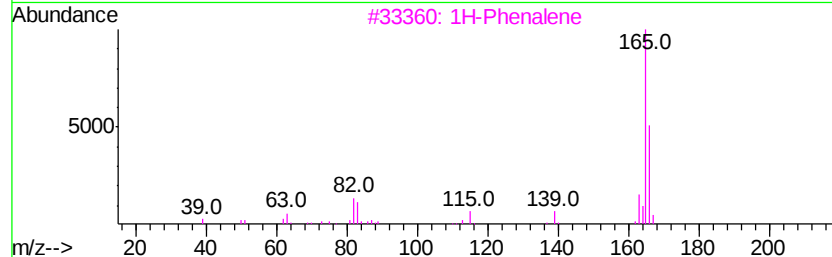
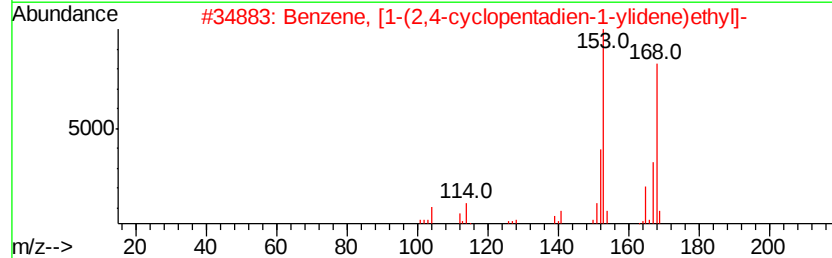
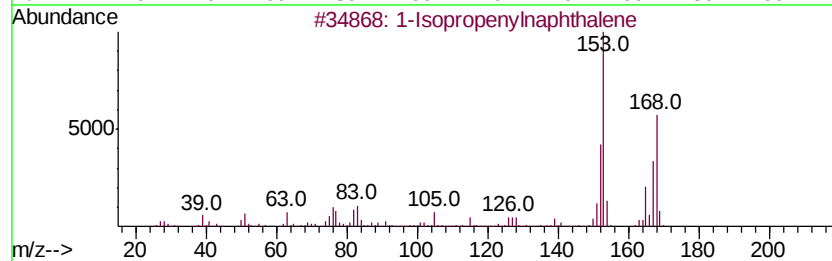
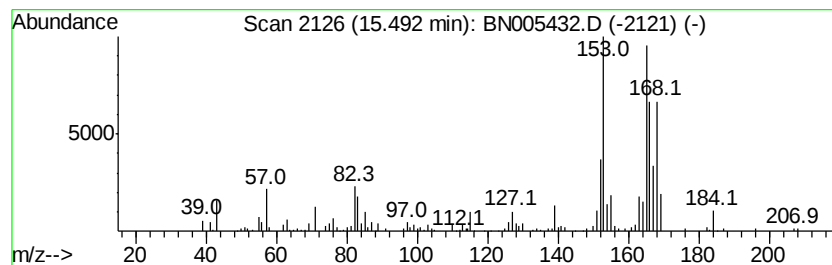
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.83 ng/ul	667917	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	50
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	45
3			1H-Phenylene	166	C13H10	000203-80-5	38
4			Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	35
5			Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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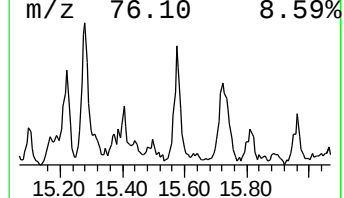
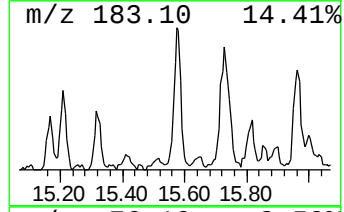
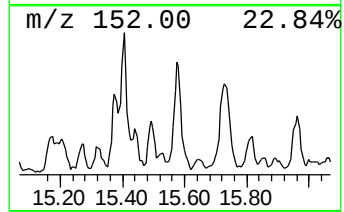
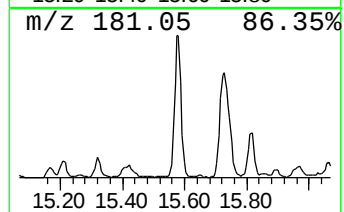
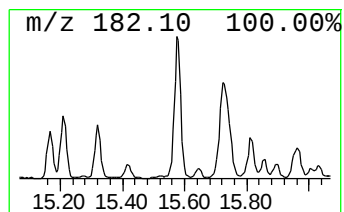
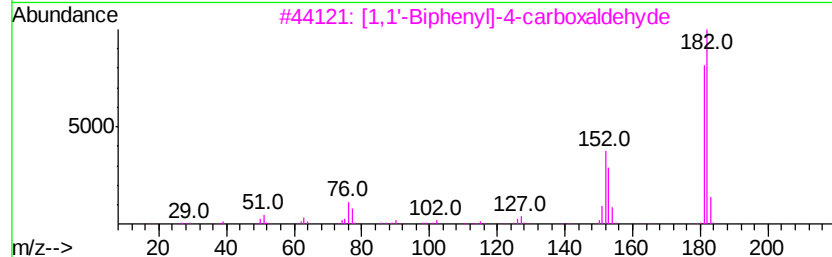
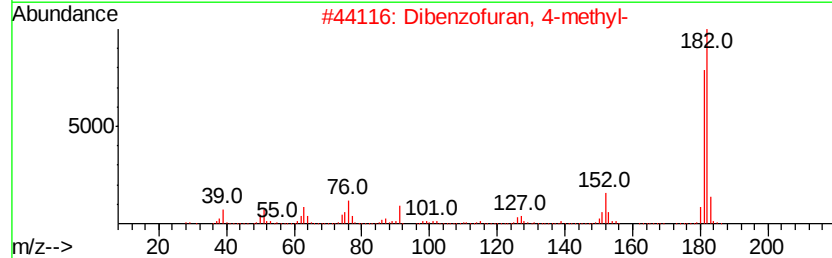
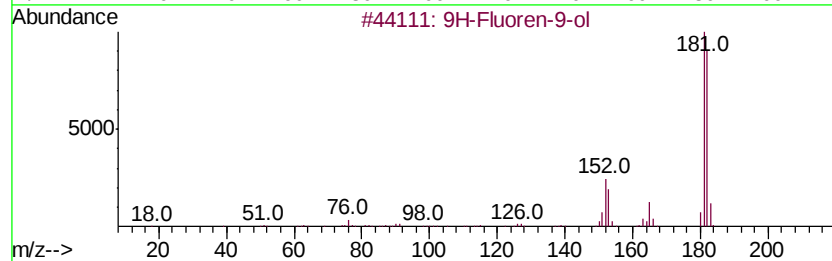
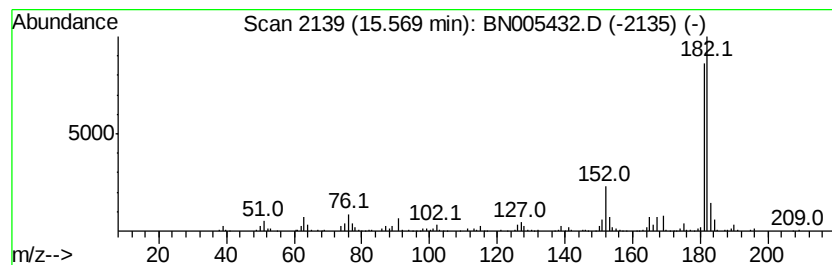
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9H-Fluoren-9-ol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.54 ng/ul	837491	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
5		2-Fluorenamine	181	C13H11N	000153-78-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
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Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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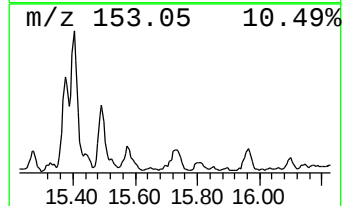
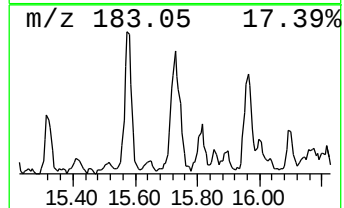
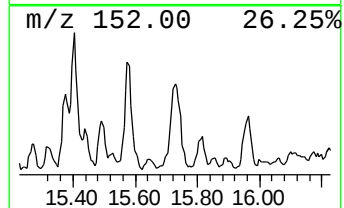
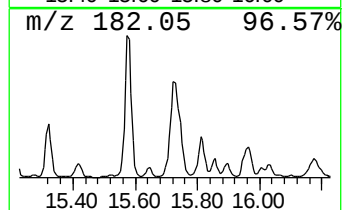
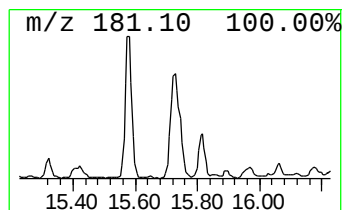
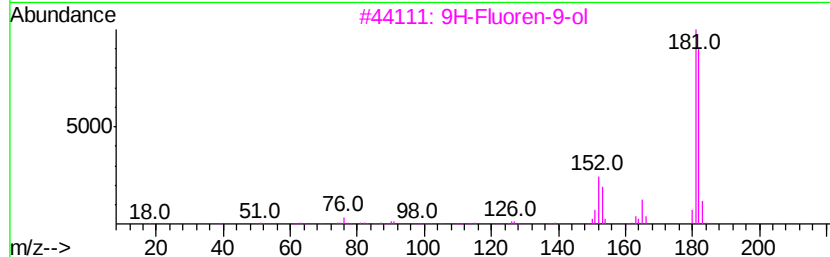
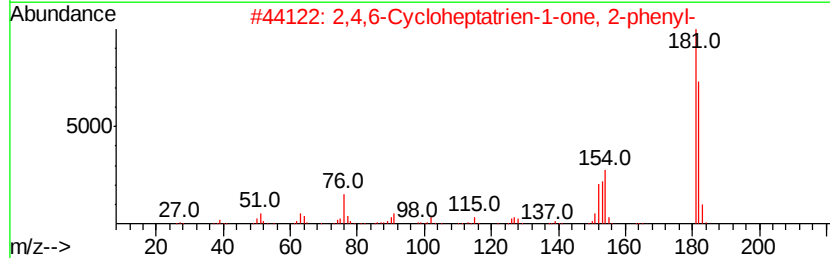
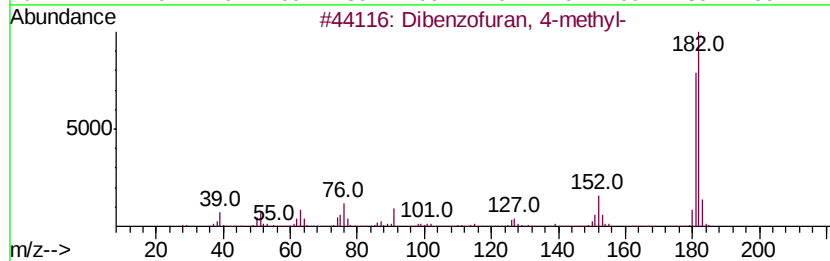
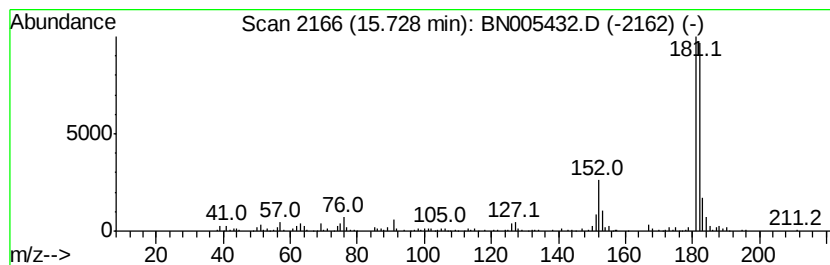
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.91 ng/ul	790012	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ72

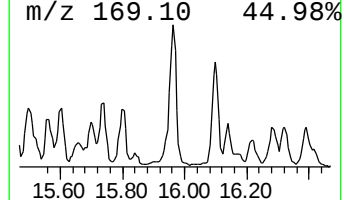
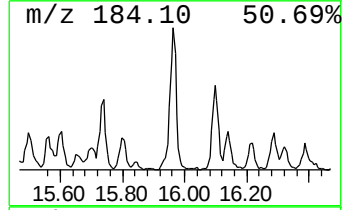
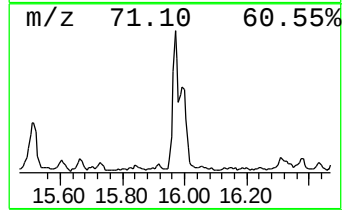
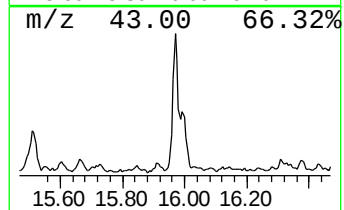
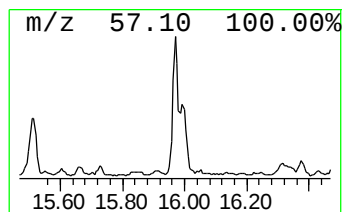
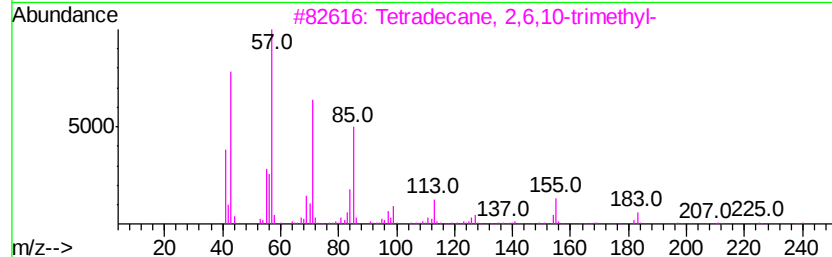
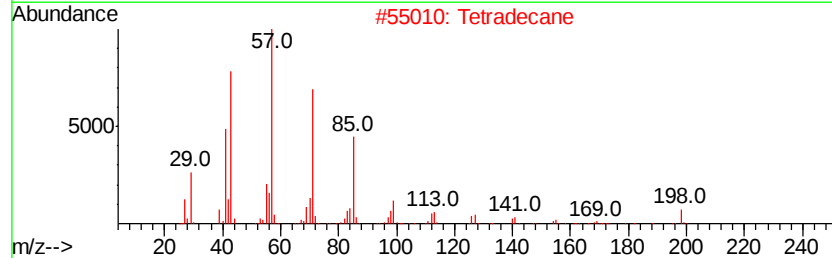
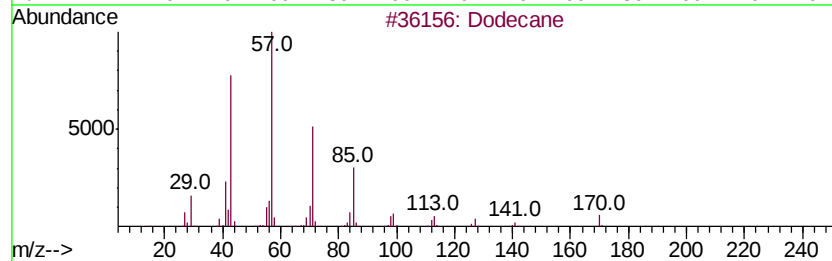
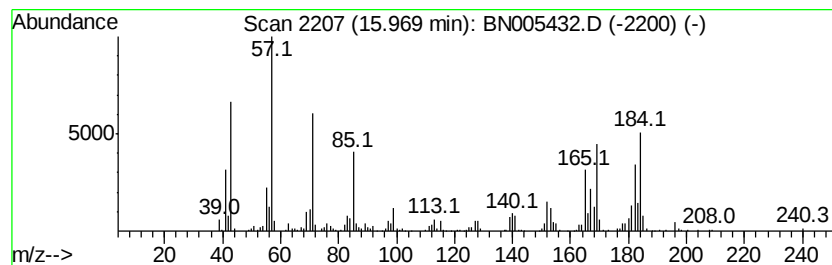
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.21 ng/ul	871463	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	47
2			Tetradecane	198	C14H30	000629-59-4	43
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	38
4			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38
5			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

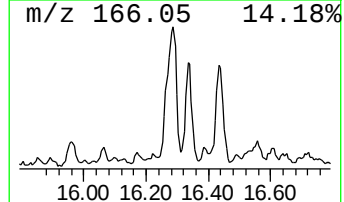
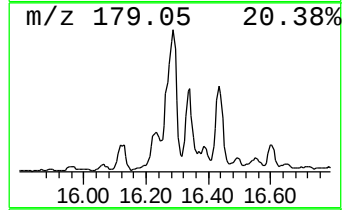
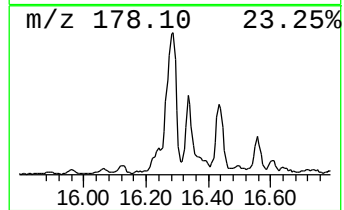
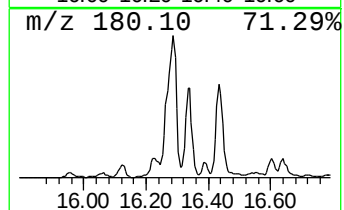
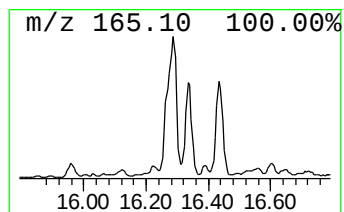
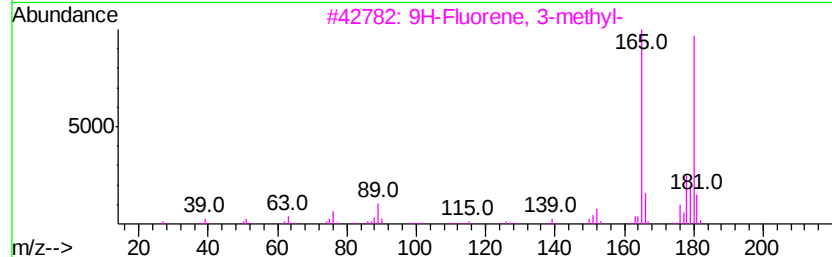
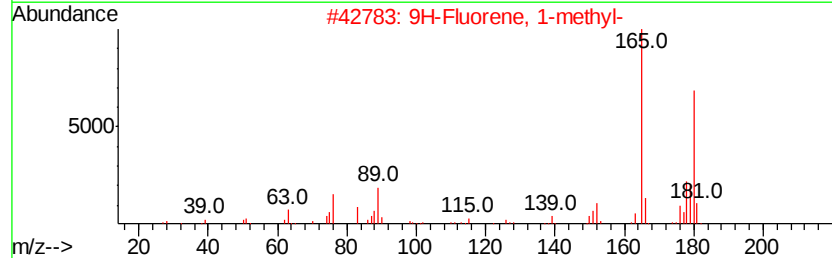
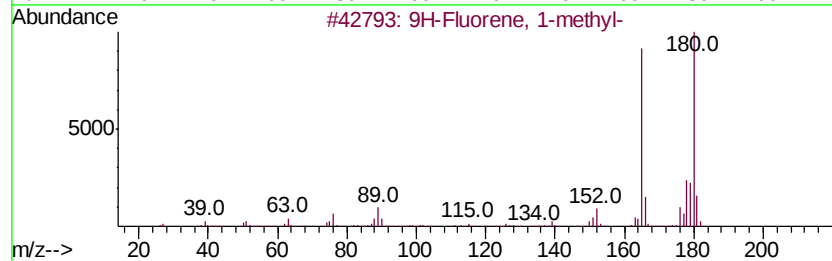
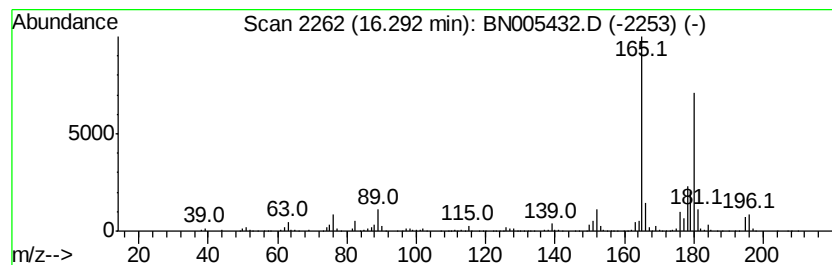
Instrument :
BNA_N
ClientSampleId :
GAJ72

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 18 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.29	10.07 ng/ul	2736620	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94	
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91	
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ72

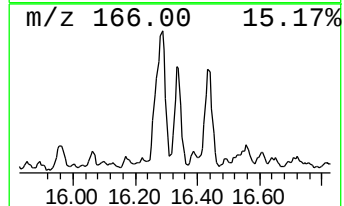
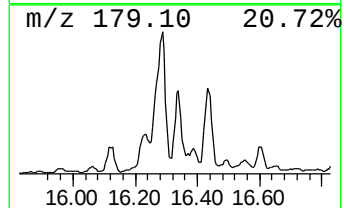
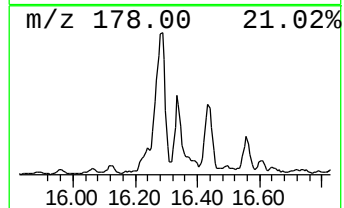
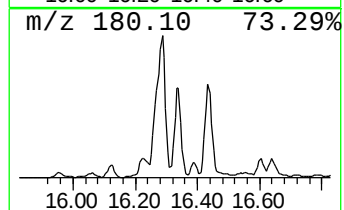
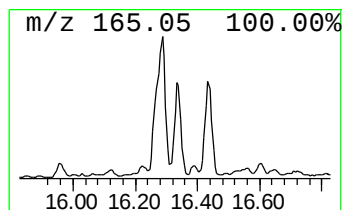
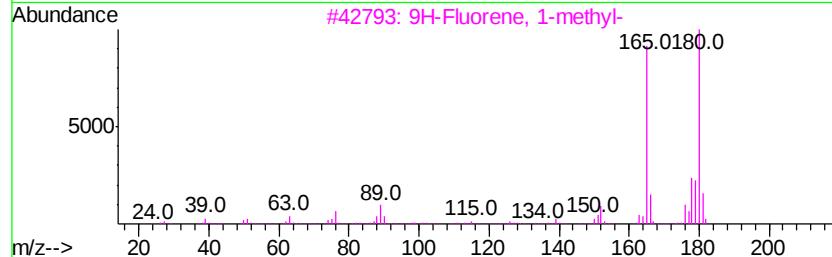
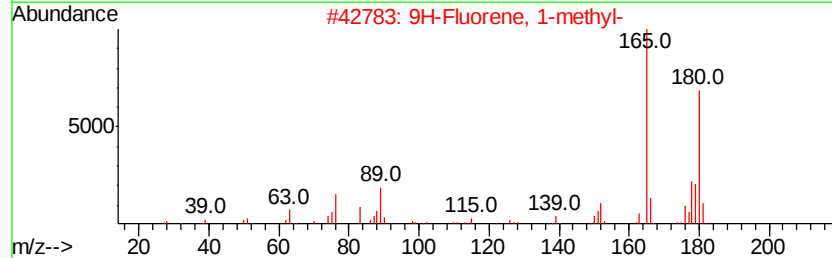
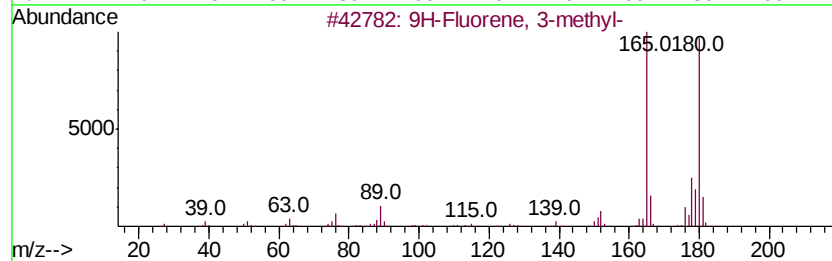
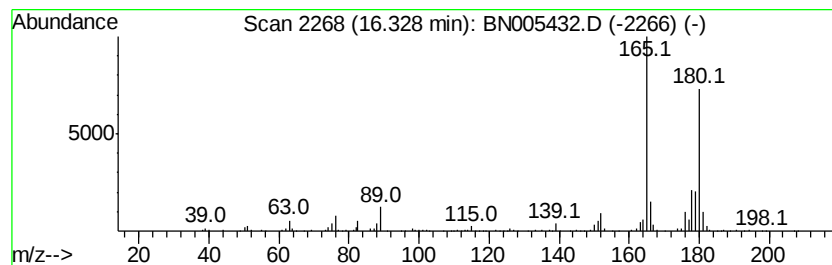
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9H-Fluorene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	4.35 ng/ul	1183090	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005432.D
Acq On : 03 May 2019 01:21
Operator : JU/SJ
Sample : K2603-20 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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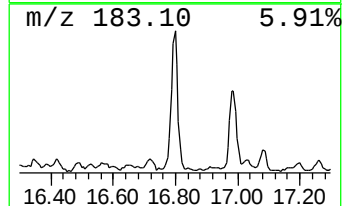
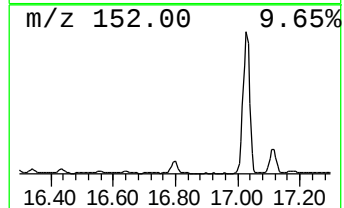
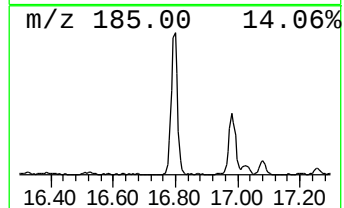
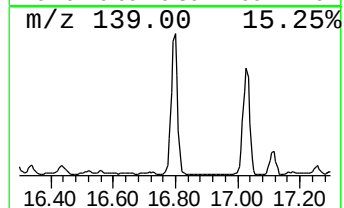
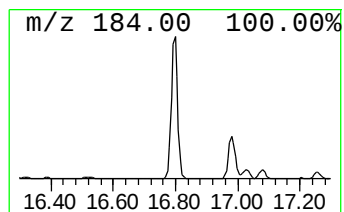
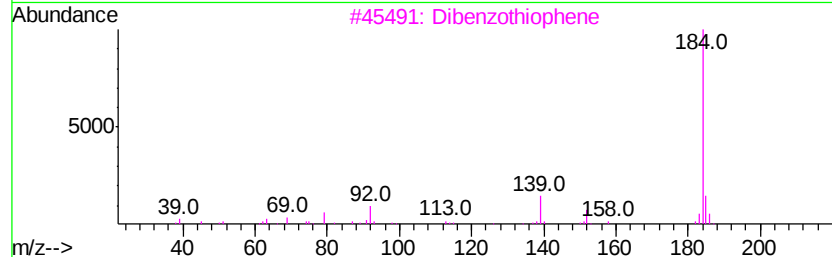
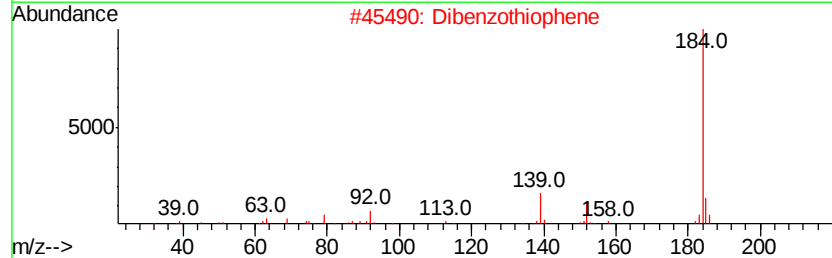
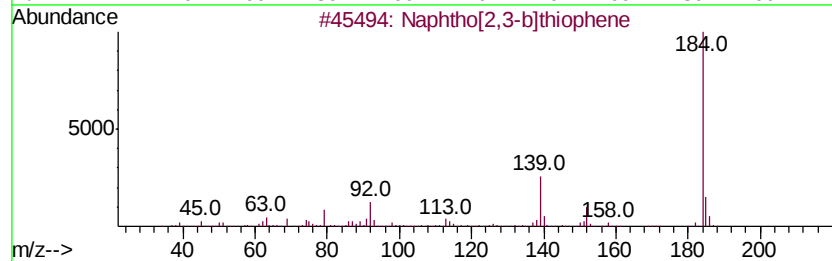
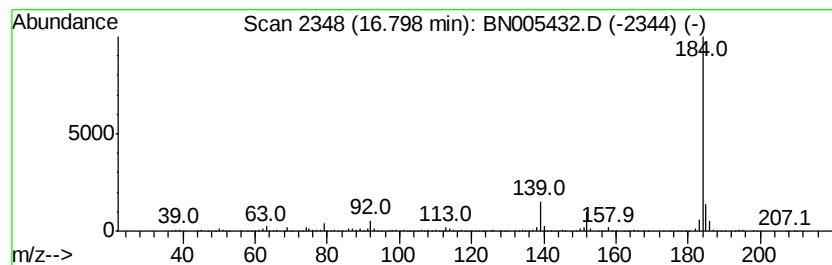
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphtho[2,3-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	9.18 ng/ul	2496120	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005432.D
 Acq On : 03 May 2019 01:21
 Operator : JU/SJ
 Sample : K2603-20 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-propynyl-	8.12	5.7	ng/ul	559934	1	7.59	1969880	20.0
1H-Inden-1-one, 2...	11.74	2.8	ng/ul	442688	2	10.35	3204640	20.0
1,2-Ethanediol, 1...	11.96	3.1	ng/ul	503174	2	10.35	3204640	20.0
Naphthalene, 1-me...	12.24	29.4	ng/ul	4714680	2	10.35	3204640	20.0
Naphthalene, 1,5-...	13.38	12.8	ng/ul	3027200	3	14.22	4726310	20.0
Naphthalene, 1,6-...	13.55	18.5	ng/ul	4368650	3	14.22	4726310	20.0
Naphthalene, 2,3-...	13.78	6.6	ng/ul	1567360	3	14.22	4726310	20.0
Benzene, (1,4-cyc...	13.81	2.4	ng/ul	557477	3	14.22	4726310	20.0
Naphthalene, 2,3,...	14.71	4.4	ng/ul	1047960	3	14.22	4726310	20.0
1,1'-Biphenyl, 3-...	14.84	8.4	ng/ul	1978140	3	14.22	4726310	20.0
Naphthalene, 1,6,...	14.90	3.0	ng/ul	703721	3	14.22	4726310	20.0
unknown-01	15.00	2.1	ng/ul	487179	3	14.22	4726310	20.0
1H-Phenylene	15.10	7.9	ng/ul	1872720	3	14.22	4726310	20.0
1-Isopropenyl-naph...	15.49	2.8	ng/ul	667917	3	14.22	4726310	20.0
9H-Fluorene-9-ol	15.57	3.5	ng/ul	837491	3	14.22	4726310	20.0
Dibenzofuran, 4-m...	15.73	2.9	ng/ul	790012	4	16.98	5435330	20.0
(DEL) Alkane: Str...	15.97	3.2	ng/ul	871463	4	16.98	5435330	20.0
9H-Fluorene, 1-me...	16.29	10.1	ng/ul	2736620	4	16.98	5435330	20.0
9H-Fluorene, 3-me...	16.33	4.3	ng/ul	1183090	4	16.98	5435330	20.0
Naphtho[2,3-b]thi...	16.80	9.2	ng/ul	2496120	4	16.98	5435330	20.0