

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005436.D
 Acq On : 03 May 2019 03:39
 Operator : JU/SJ
 Sample : K2603-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67

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	3.911	151	157	170	rBV	789021	1186789	2.73%	0.222%
2	5.293	386	392	406	rVB	1040070	2039536	4.69%	0.381%
3	5.628	443	449	462	rVB2	1598714	3291376	7.57%	0.614%
4	7.252	718	725	733	rVV2	2288743	4064070	9.35%	0.759%
5	7.334	733	739	748	rVB	574618	913617	2.10%	0.171%
6	7.593	775	783	792	rBV	1393410	2272242	5.23%	0.424%
7	8.116	862	872	881	rVV	5019936	8076074	18.58%	1.508%
8	8.846	992	996	1005	rVV	490259	899252	2.07%	0.168%
9	9.787	1147	1156	1162	rBV3	1276287	3110801	7.16%	0.581%
10	9.857	1162	1168	1172	rBV	1176810	2146266	4.94%	0.401%
11	10.352	1244	1252	1256	rBV	2069635	4036189	9.29%	0.754%
12	10.416	1256	1263	1270	rVV2	22253570	43458734	100.00%	8.114%
13	10.522	1270	1281	1287	rVV3	471599	1086590	2.50%	0.203%
14	11.393	1417	1429	1433	rBV3	389396	942233	2.17%	0.176%
15	11.740	1483	1488	1493	rBV2	586659	961516	2.21%	0.180%
16	11.799	1493	1498	1505	rBV2	586395	924570	2.13%	0.173%
17	12.028	1528	1537	1544	rVB	16266716	27989765	64.41%	5.226%
18	12.251	1562	1575	1585	rBV	11234762	18946469	43.60%	3.537%
19	13.051	1705	1711	1724	rBV2	3519477	5908604	13.60%	1.103%
20	13.246	1739	1744	1757	rVB	891189	2250712	5.18%	0.420%
21	13.381	1761	1767	1769	rBV	2965322	4654639	10.71%	0.869%
22	13.546	1788	1795	1800	rBV	5327394	9312553	21.43%	1.739%
23	13.598	1800	1804	1808	rBV	3012021	4075383	9.38%	0.761%
24	13.675	1813	1817	1823	rVB	3510334	5250654	12.08%	0.980%
25	13.781	1829	1835	1839	rBV	2479699	3990686	9.18%	0.745%
26	13.951	1853	1864	1870	rBV	11669719	18943030	43.59%	3.537%
27	14.145	1893	1897	1901	rBV	953235	1196109	2.75%	0.223%
28	14.222	1901	1910	1916	rVV4	3231826	7190600	16.55%	1.342%
29	14.287	1916	1921	1924	rVV2	1335115	1997736	4.60%	0.373%
30	14.316	1924	1926	1931	rVB	829137	980796	2.26%	0.183%
31	14.445	1942	1948	1956	rBV	512291	1239348	2.85%	0.231%
32	14.628	1969	1979	1987	rBV3	1929005	3924406	9.03%	0.733%
33	14.710	1988	1993	1997	rVB	1379268	1829844	4.21%	0.342%
34	14.840	2009	2015	2021	rBV3	1822177	4145864	9.54%	0.774%

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35	14.904	2023	2026	2029	rVB	852628	1001055	2.30%	0.187%
36	14.998	2038	2042	2044	rBV2	738468	1040855	2.40%	0.194%
37	15.104	2055	2060	2065	rVB	2978266	3987035	9.17%	0.744%
38	15.222	2076	2080	2085	rVB3	2374388	3552490	8.17%	0.663%
39	15.287	2085	2091	2102	rVB	7938134	13705563	31.54%	2.559%
40	15.404	2108	2111	2115	rVV2	733179	850371	1.96%	0.159%
41	15.487	2120	2125	2135	rVB4	686754	1973330	4.54%	0.368%
42	15.575	2135	2140	2144	rBV2	988772	1674535	3.85%	0.313%
43	15.692	2155	2160	2163	rBV	1825839	2533681	5.83%	0.473%
44	15.969	2201	2207	2210	rBV2	1387279	2199657	5.06%	0.411%
45	16.287	2254	2261	2266	rBV2	1983780	4219199	9.71%	0.788%
46	16.339	2266	2270	2275	rVB	1476049	2034872	4.68%	0.380%
47	16.434	2282	2286	2292	rVB	1280783	1969272	4.53%	0.368%
48	16.645	2318	2322	2328	rVB2	694423	1105906	2.54%	0.206%
49	16.763	2339	2342	2344	rVV	787379	960993	2.21%	0.179%
50	16.798	2344	2348	2359	rVB	2700196	4508653	10.37%	0.842%
51	16.981	2374	2379	2382	rBV	3554906	5468170	12.58%	1.021%
52	17.034	2382	2388	2393	rVV	23880101	38057640	87.57%	7.105%
53	17.081	2393	2396	2398	rVV	831541	1094404	2.52%	0.204%
54	17.116	2398	2402	2407	rVV	7146560	9757440	22.45%	1.822%
55	17.175	2408	2412	2418	rVB2	671456	1189192	2.74%	0.222%
56	17.504	2464	2468	2473	rVB	1753971	2085134	4.80%	0.389%
57	17.563	2474	2478	2484	rVB2	1597367	2405701	5.54%	0.449%
58	17.704	2499	2502	2509	rVB	1123137	1917758	4.41%	0.358%
59	17.863	2523	2529	2533	rBV	6023139	8742075	20.12%	1.632%
60	17.910	2533	2537	2543	rVV	6974478	9378967	21.58%	1.751%
61	17.992	2546	2551	2556	rBV	2361157	3337743	7.68%	0.623%
62	18.057	2556	2562	2566	rVV2	8817562	16118025	37.09%	3.009%
63	18.092	2566	2568	2577	rVB	4390834	5181063	11.92%	0.967%
64	18.369	2610	2615	2619	rBV	3575385	4863239	11.19%	0.908%
65	18.416	2619	2623	2627	rVB2	882424	1429301	3.29%	0.267%
66	18.616	2654	2657	2662	rVB4	780007	1015188	2.34%	0.190%
67	18.669	2662	2666	2669	rBV	1000932	1176601	2.71%	0.220%
68	18.704	2669	2672	2677	rVB3	825795	1122749	2.58%	0.210%
69	18.792	2681	2687	2692	rBV2	3281440	5616837	12.92%	1.049%
70	18.851	2692	2697	2700	rBV2	1916251	3376122	7.77%	0.630%
71	18.886	2700	2703	2707	rVB	1752689	2011146	4.63%	0.375%

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72	18.933	2707	2711	2713	rBV	1329091	1931819	4.45%	0.361%
73	19.063	2726	2733	2740	rBV	14972913	20903797	48.10%	3.903%
74	19.128	2741	2744	2747	rVV	659667	883749	2.03%	0.165%
75	19.210	2753	2758	2763	rVB	5595351	7311670	16.82%	1.365%
76	19.433	2785	2796	2803	rBV	19255040	31668419	72.87%	5.912%
77	19.504	2804	2808	2813	rVB3	743889	1196143	2.75%	0.223%
78	19.757	2846	2851	2861	rVB	1850379	4020103	9.25%	0.751%
79	19.892	2869	2874	2876	rVV3	1848735	3103002	7.14%	0.579%
80	19.928	2877	2880	2884	rVB	4515271	5575471	12.83%	1.041%
81	20.028	2893	2897	2903	rVV	3376346	4464373	10.27%	0.833%
82	20.086	2903	2907	2911	rBV	2603514	3280859	7.55%	0.613%
83	20.228	2927	2931	2934	rBV	2004647	2513192	5.78%	0.469%
84	20.275	2935	2939	2949	rVB	2795145	4166753	9.59%	0.778%
85	20.851	3034	3037	3040	rVV	1277501	1588260	3.65%	0.297%
86	20.886	3040	3043	3047	rVB	1680501	1918574	4.41%	0.358%
87	20.927	3047	3050	3054	rBV	881148	1137093	2.62%	0.212%
88	21.198	3090	3096	3101	rBV3	9546598	18620766	42.85%	3.476%
89	21.245	3101	3104	3111	rVB	6500249	8829709	20.32%	1.648%
90	21.416	3130	3133	3147	rVB3	1502815	2493749	5.74%	0.466%
91	21.763	3188	3192	3197	rVV2	1830063	3015848	6.94%	0.563%
92	21.810	3197	3200	3205	rVB	1063032	1447076	3.33%	0.270%
93	21.951	3221	3224	3227	rBV	756329	1067247	2.46%	0.199%
94	21.986	3227	3230	3234	rVB2	1253398	1632476	3.76%	0.305%
95	22.769	3356	3363	3373	rBV	2671537	8037491	18.49%	1.501%
96	22.921	3385	3389	3397	rVB	1029304	1745740	4.02%	0.326%
97	23.221	3434	3440	3445	rBV	1955046	3496517	8.05%	0.653%
98	23.316	3451	3456	3463	rVB	4001541	6854118	15.77%	1.280%
99	23.410	3466	3472	3477	rBV	2243814	3945007	9.08%	0.737%
100	25.592	3837	3843	3853	rVB	1087002	2878857	6.62%	0.537%

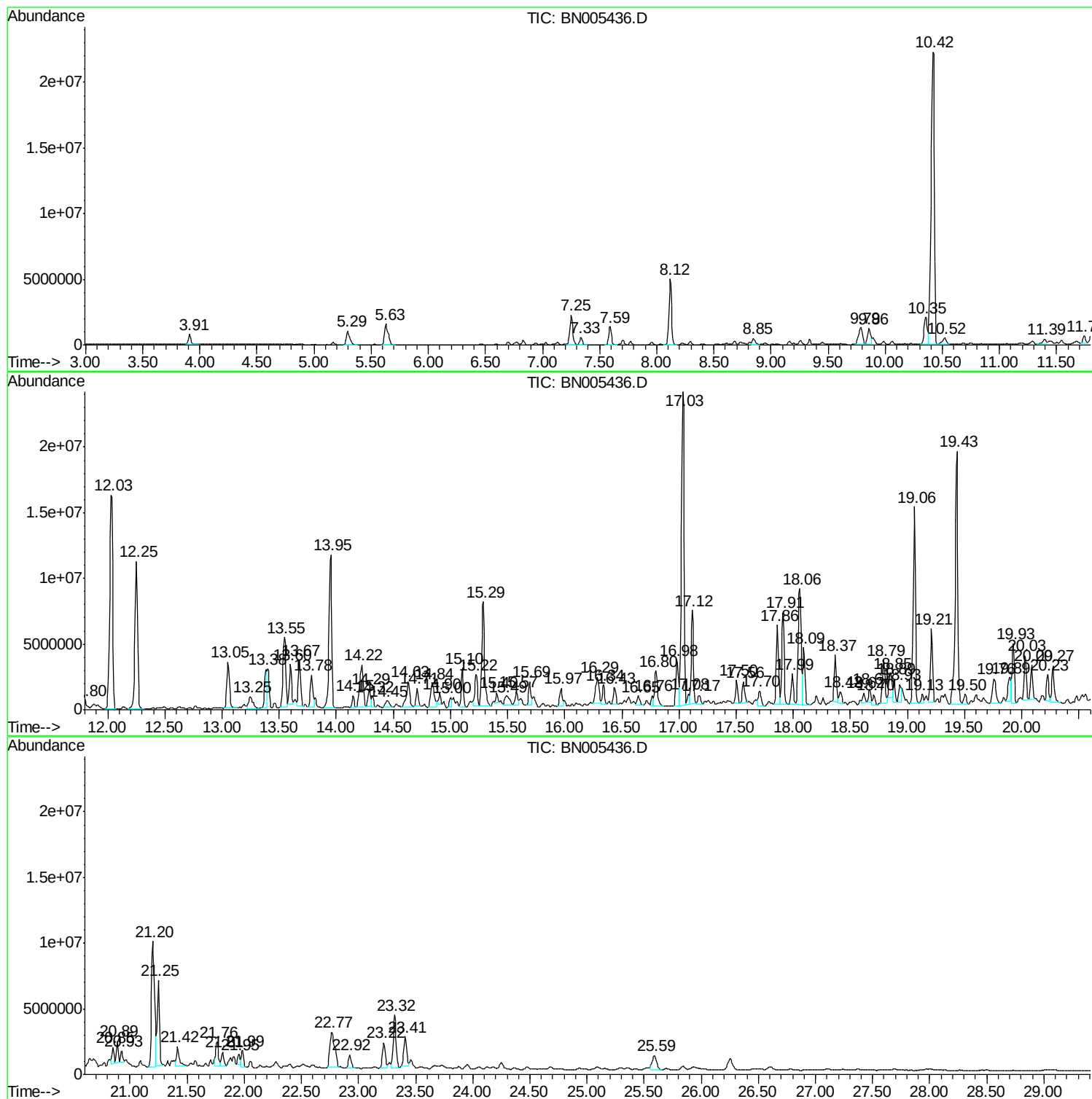
Sum of corrected areas: 535626893

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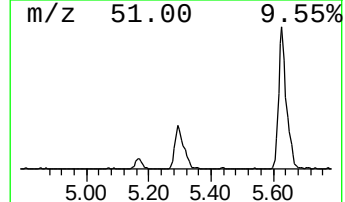
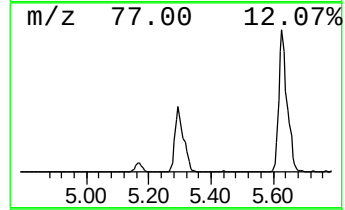
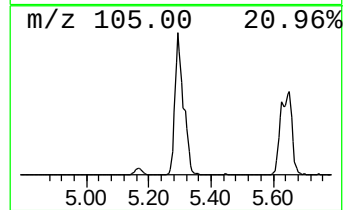
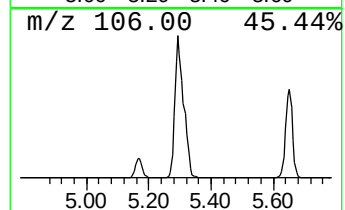
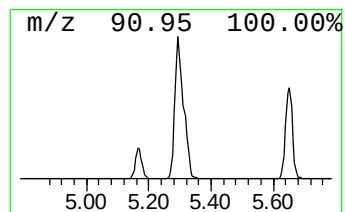
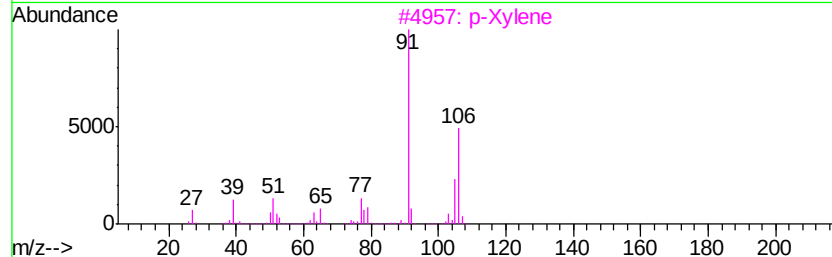
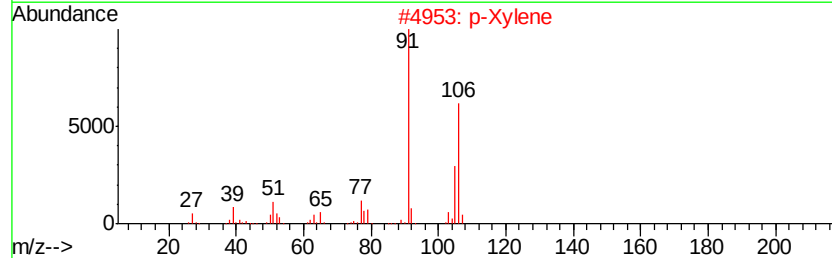
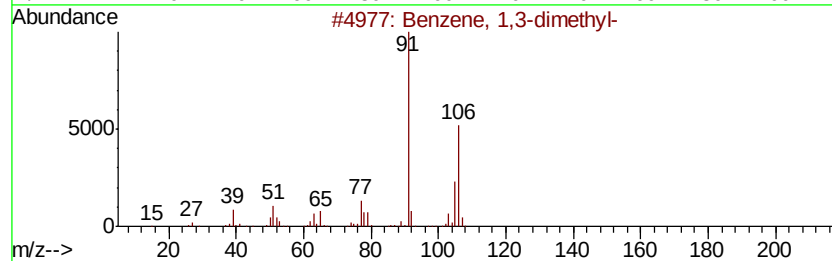
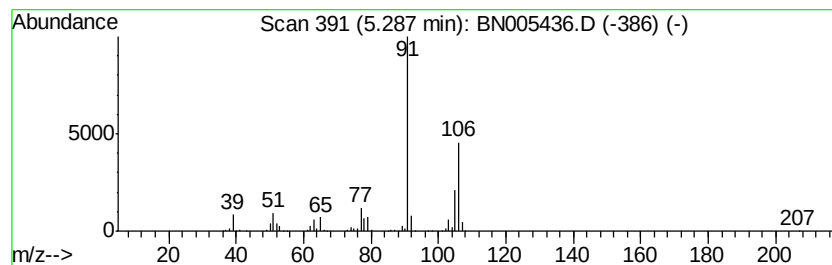
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	17.95 ng/ul	2039540	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		p-Xylene	106	C8H10	000106-42-3	97
5		o-Xylene	106	C8H10	000095-47-6	97



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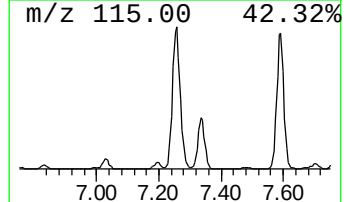
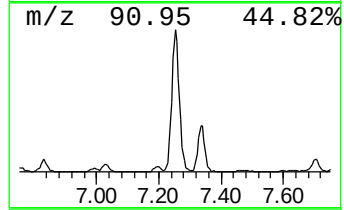
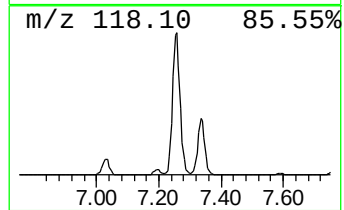
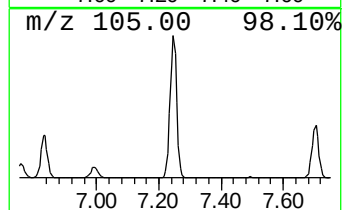
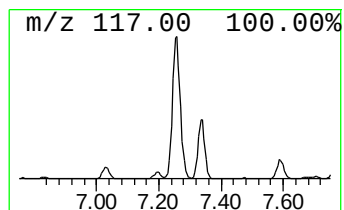
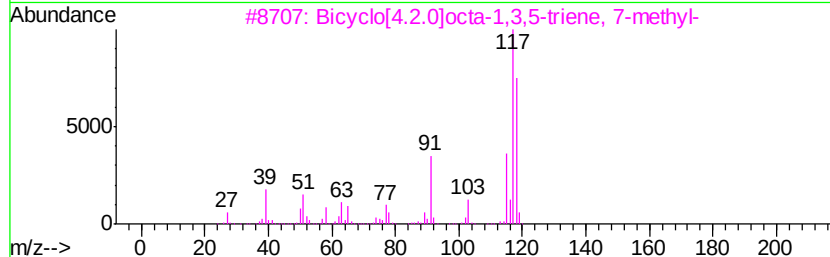
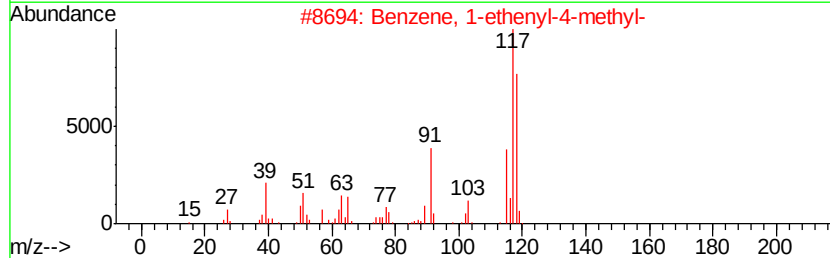
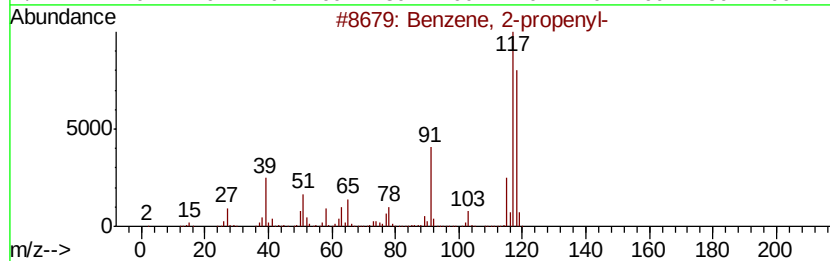
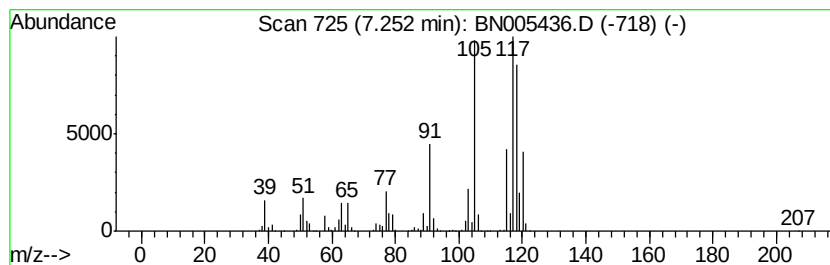
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	35.77 ng/ul	4064070	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	55
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55



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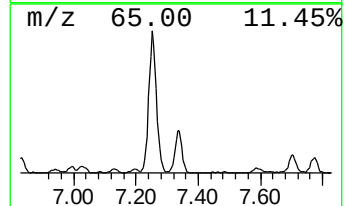
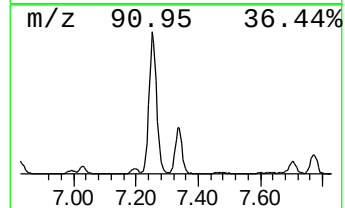
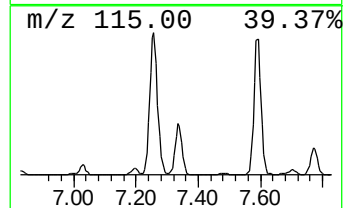
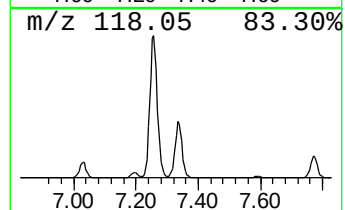
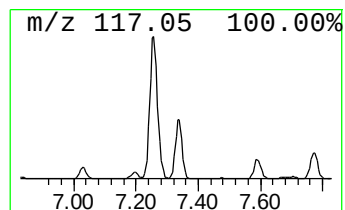
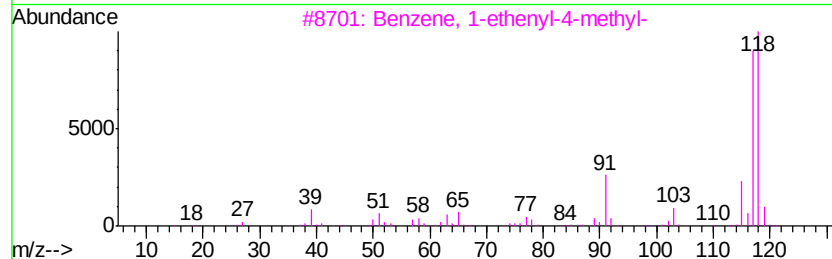
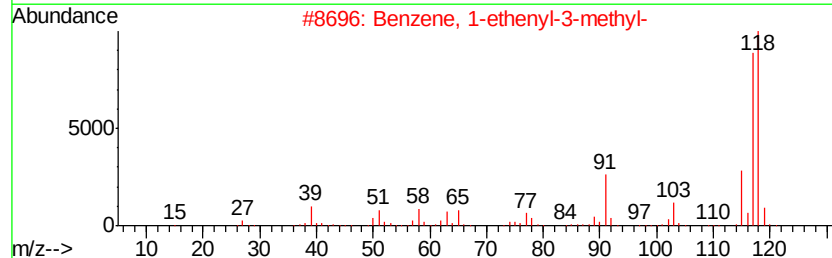
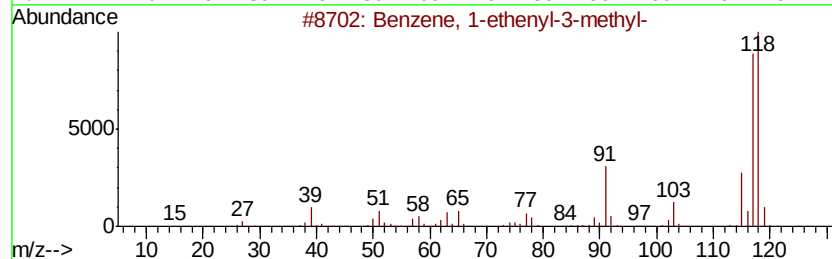
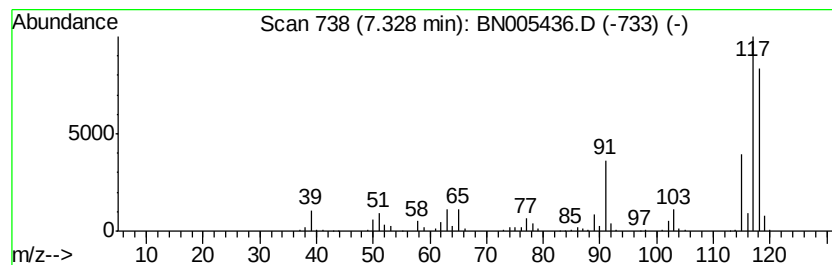
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	8.04 ng/ul	913617	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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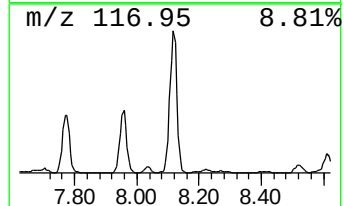
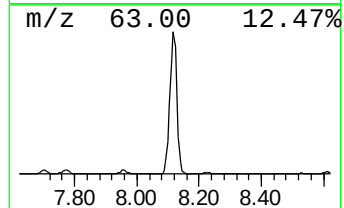
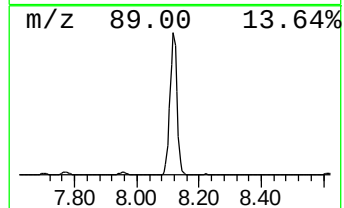
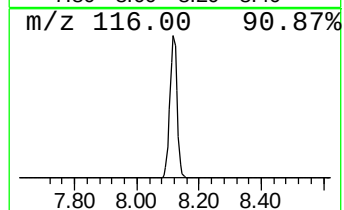
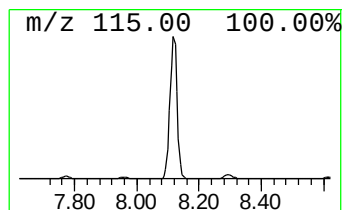
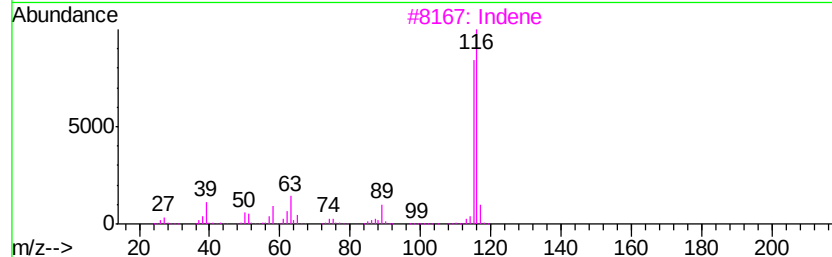
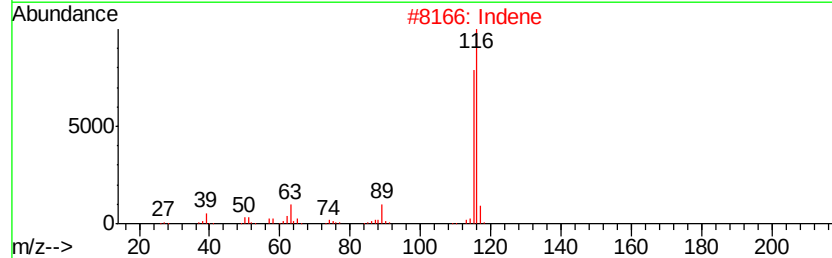
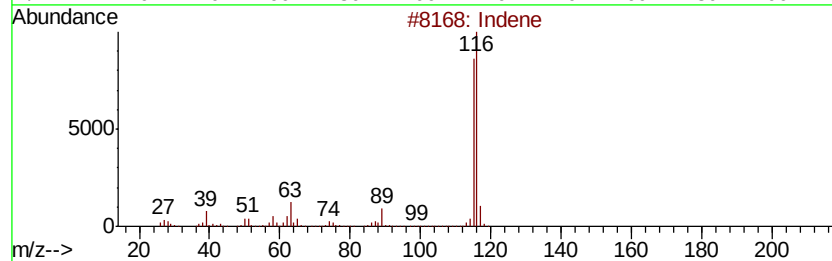
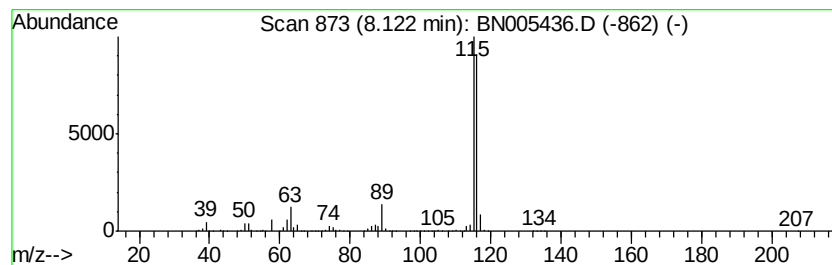
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	71.08 ng/ul	8076070	1,4-Dichlorobenzene-d4	7.59

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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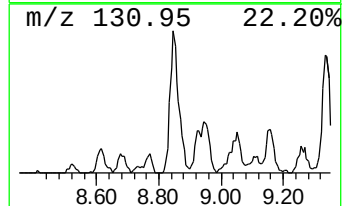
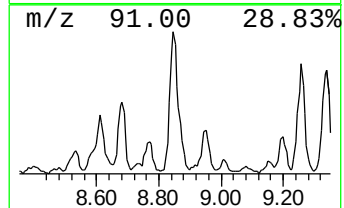
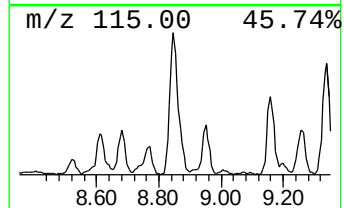
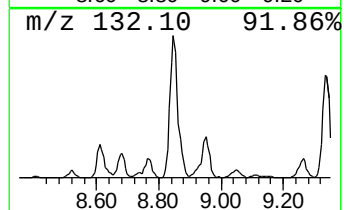
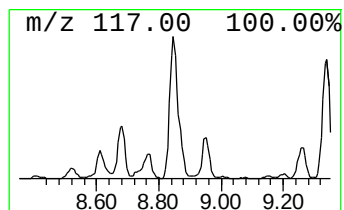
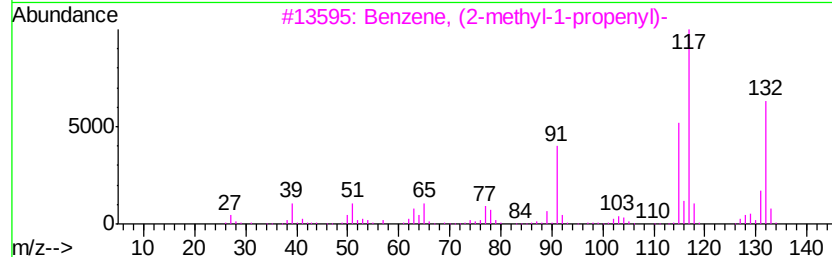
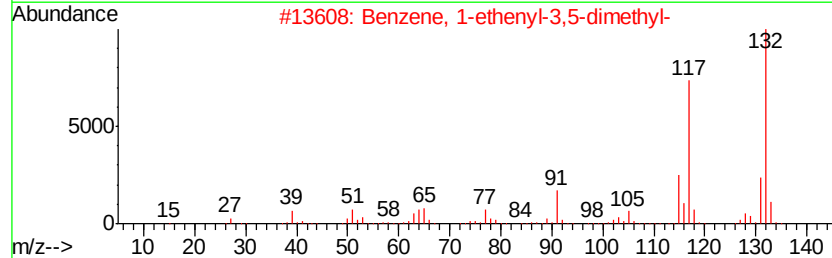
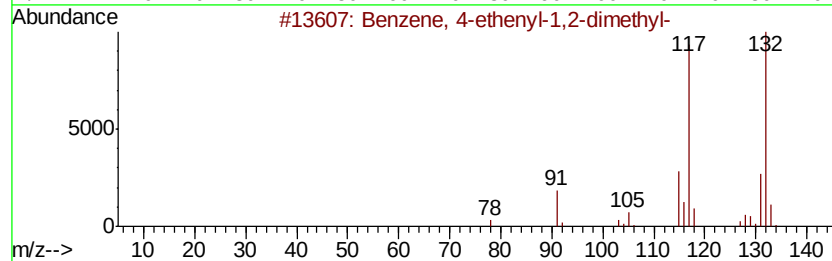
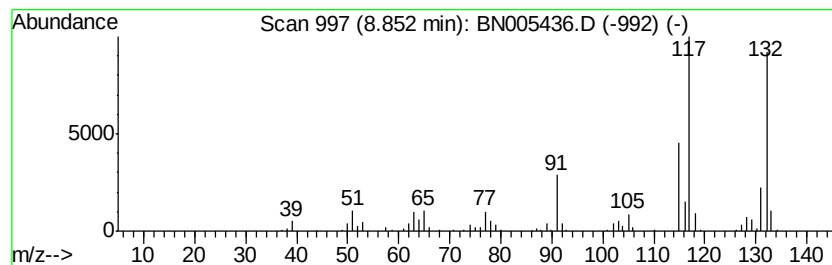
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	7.92 ng/ul	899252	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
2			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
5			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
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Sample : K2603-15 5X
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ClientSampleId :
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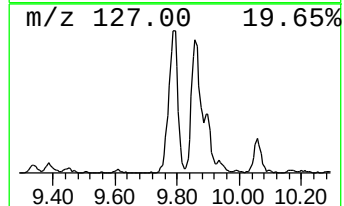
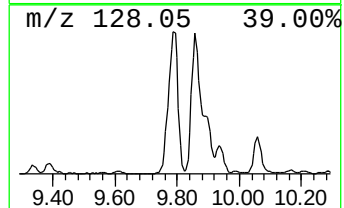
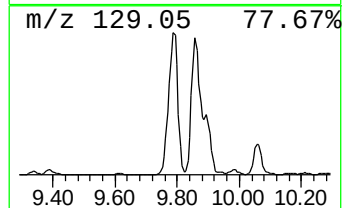
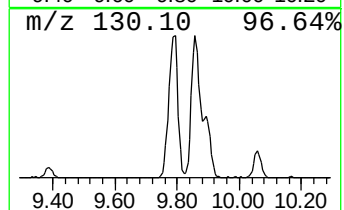
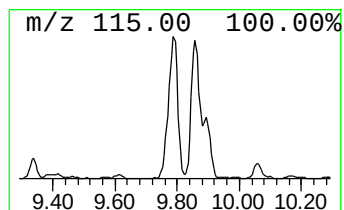
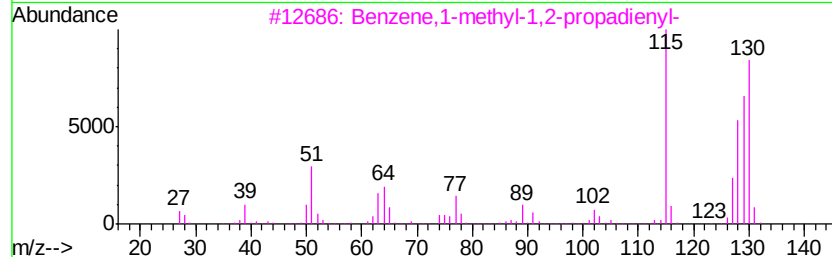
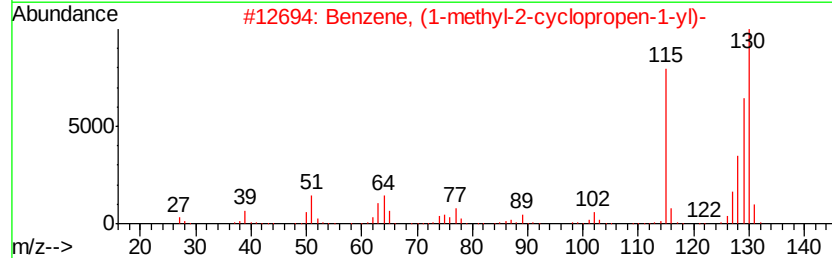
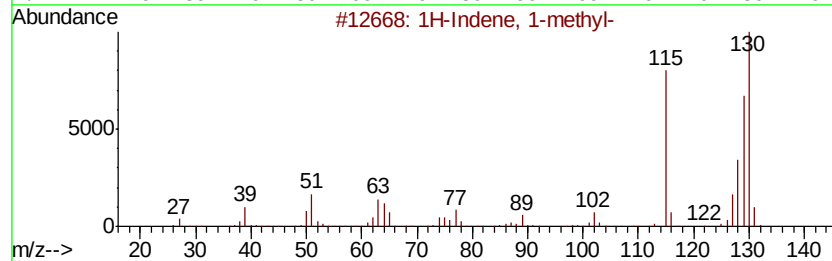
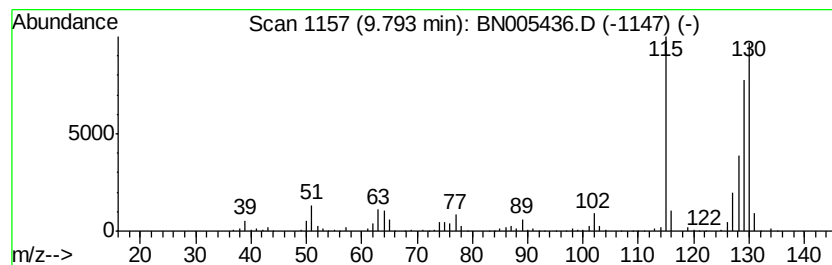
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	15.41 ng/ul	3110800	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5		2-Methylindene	130	C10H10	002177-47-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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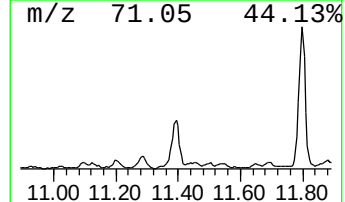
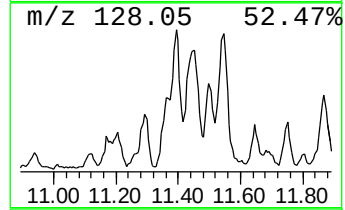
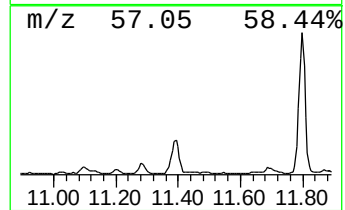
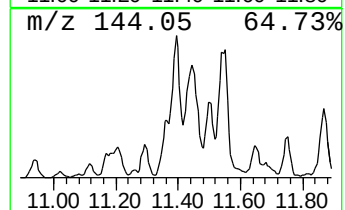
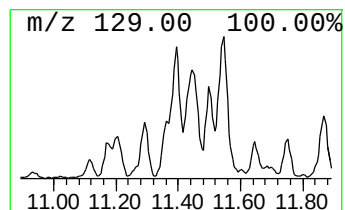
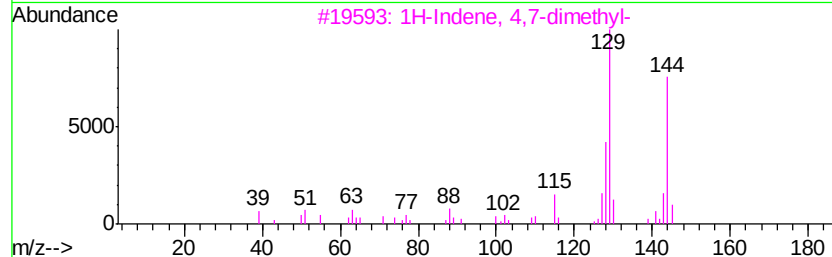
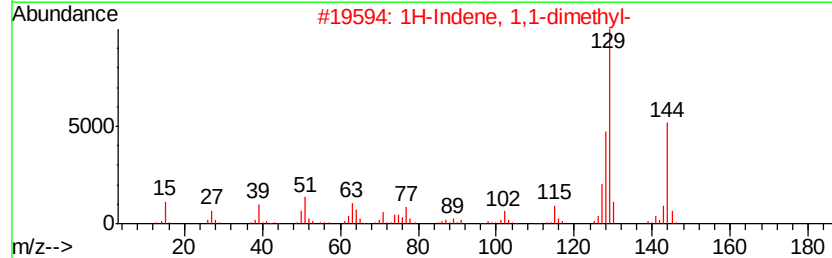
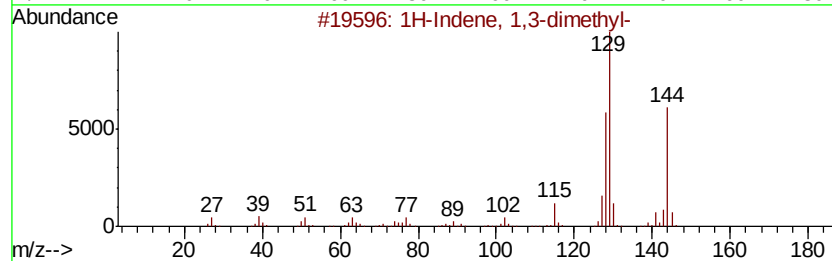
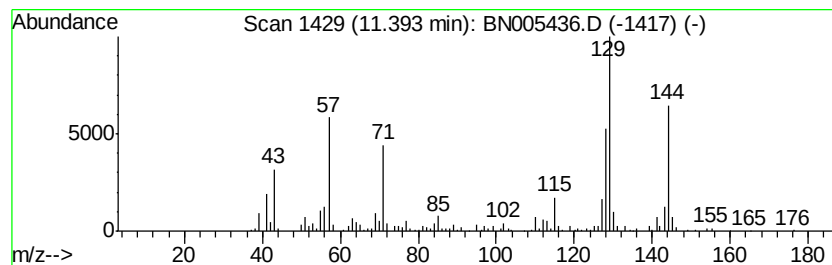
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Indene, 1,3-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.67 ng/ul	942233	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76
4			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	76
5			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	76



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Data File : BN005436.D
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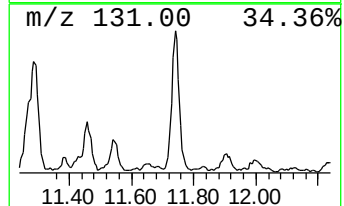
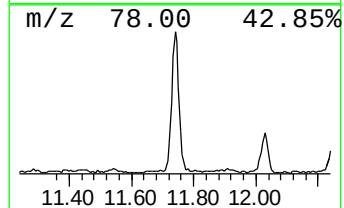
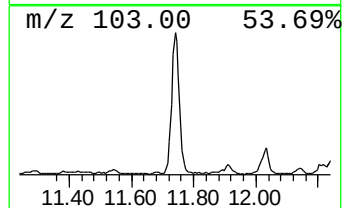
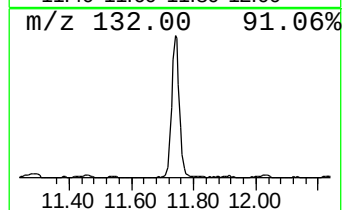
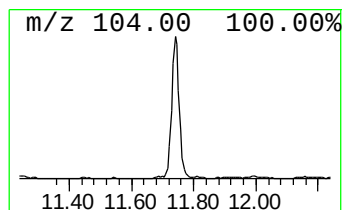
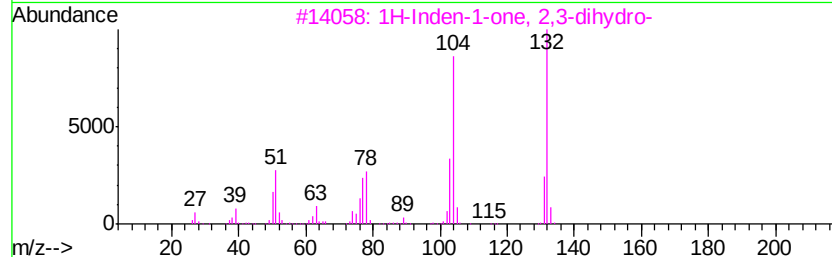
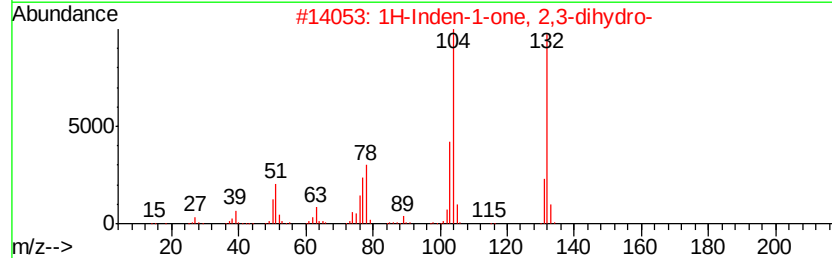
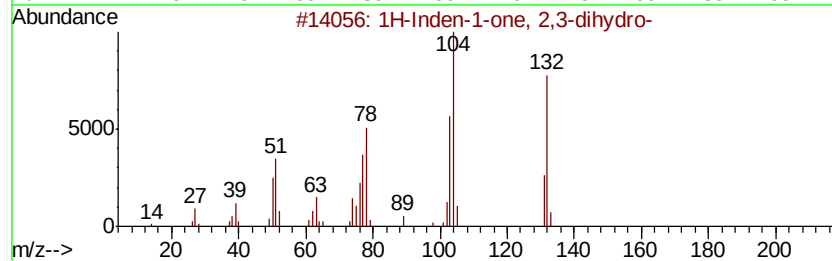
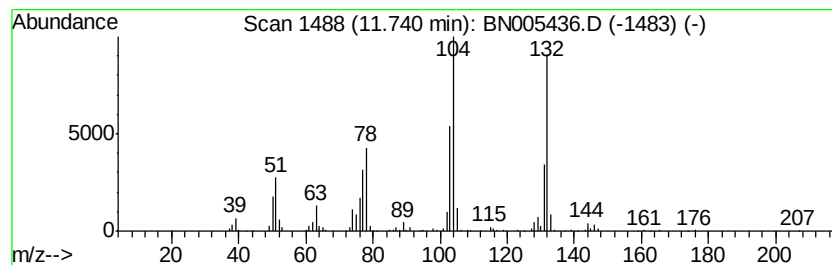
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.76 ng/ul	961516	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
4		Stvrene	104	C8H8	000100-42-5	91
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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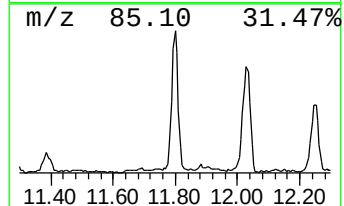
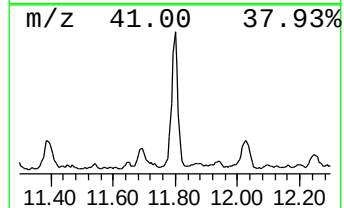
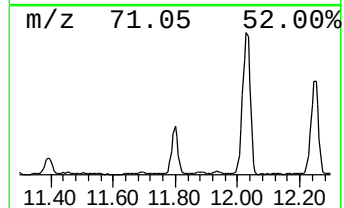
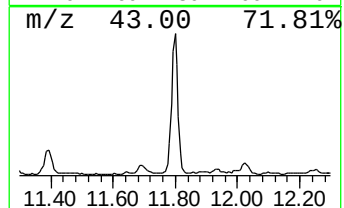
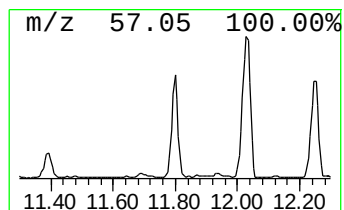
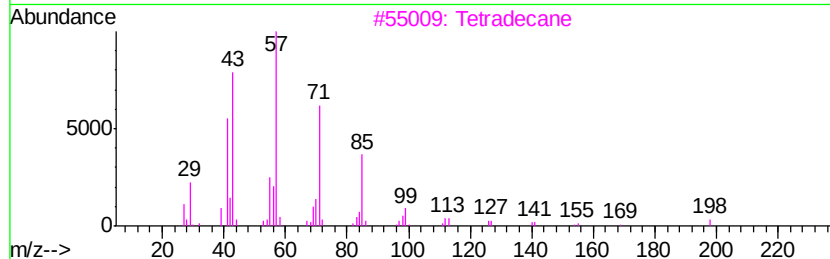
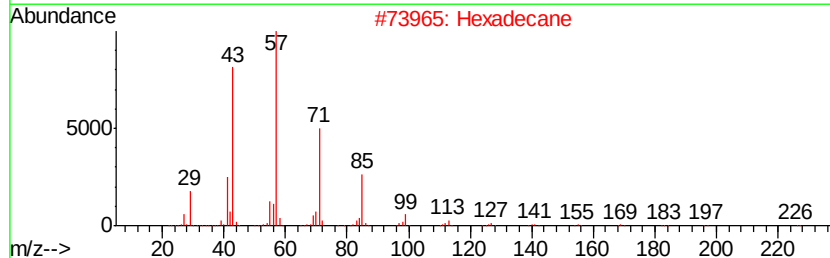
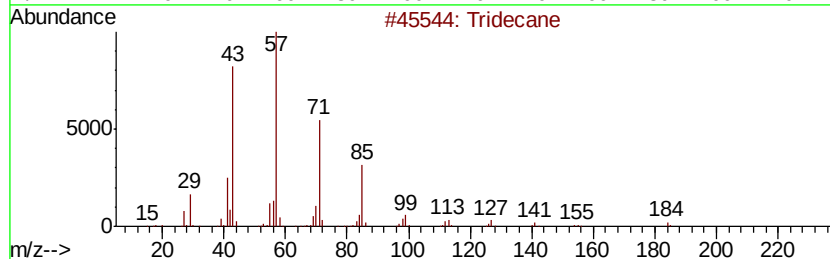
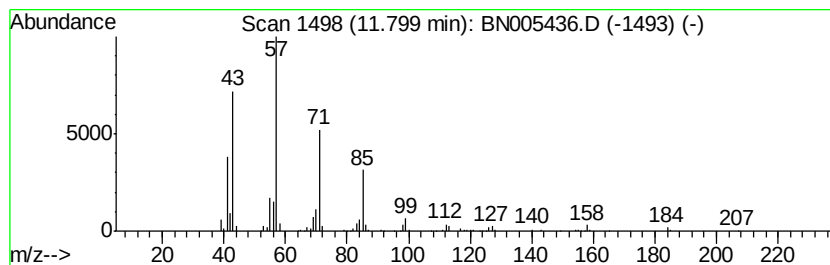
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.58 ng/ul	924570	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Tridecane	184	C13H28	000629-50-5	87
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
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ClientSampleId :
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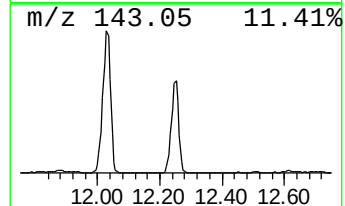
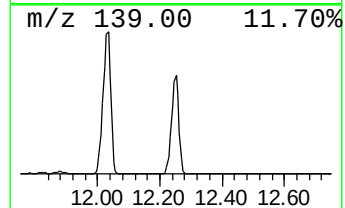
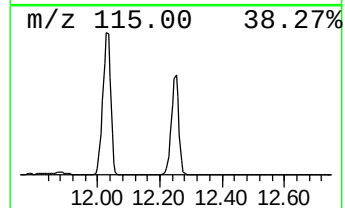
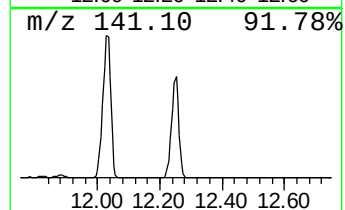
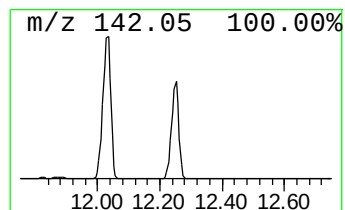
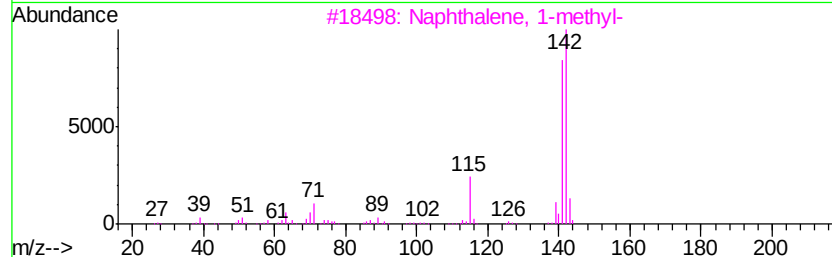
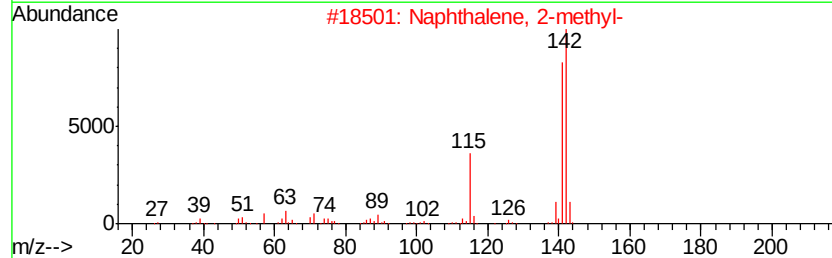
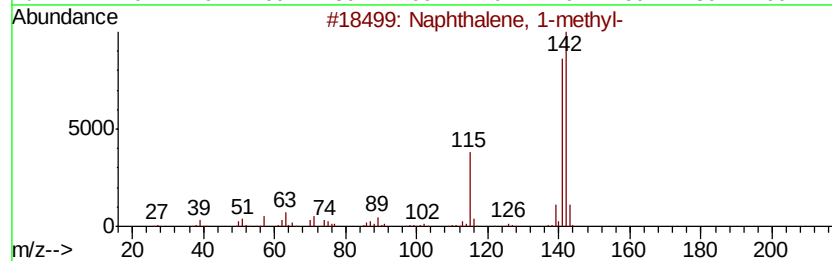
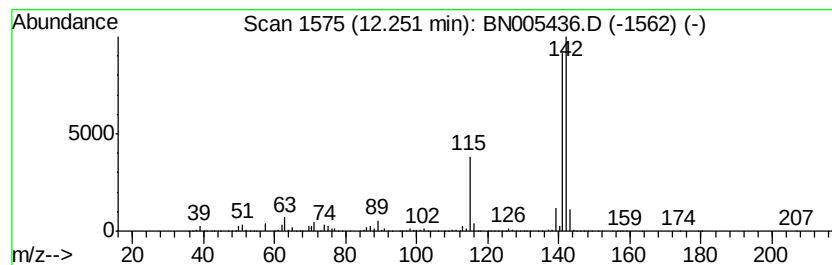
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	93.88 ng/ul	18946500	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		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

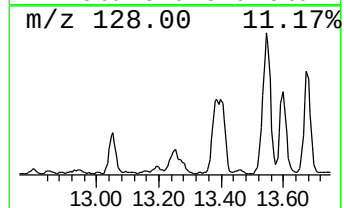
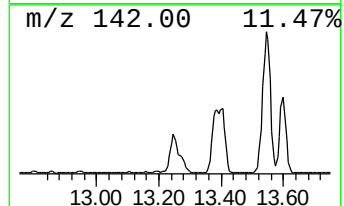
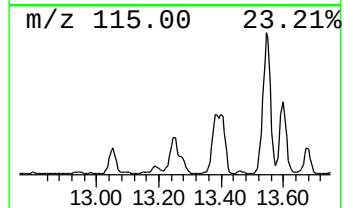
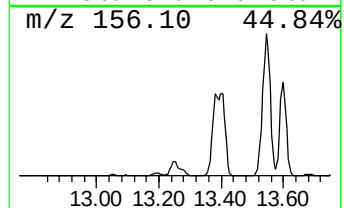
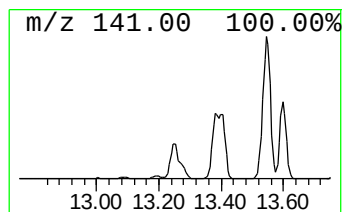
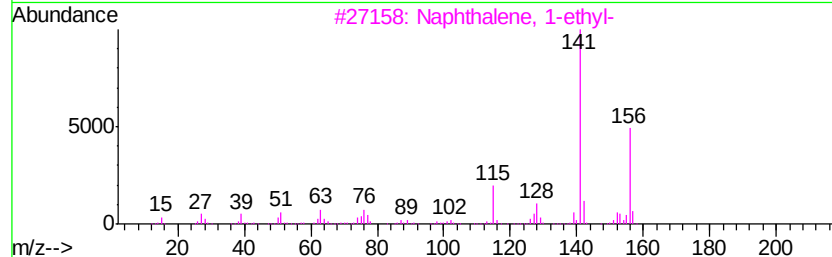
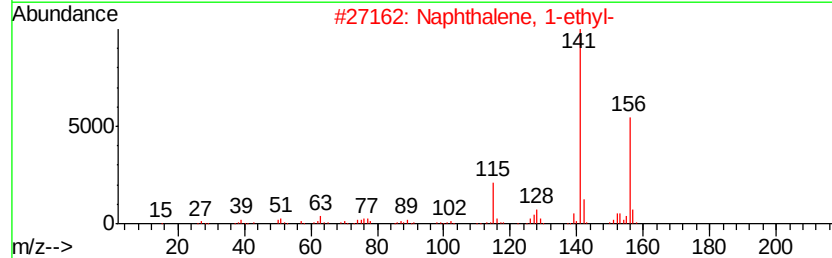
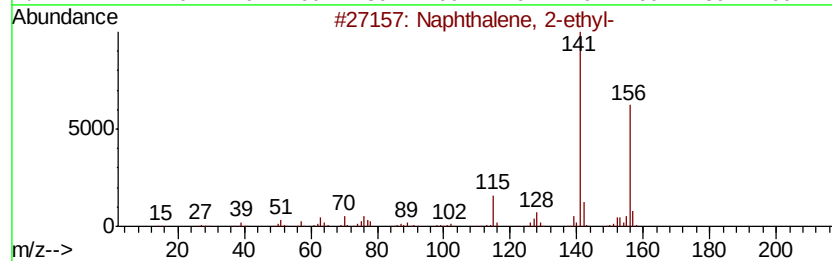
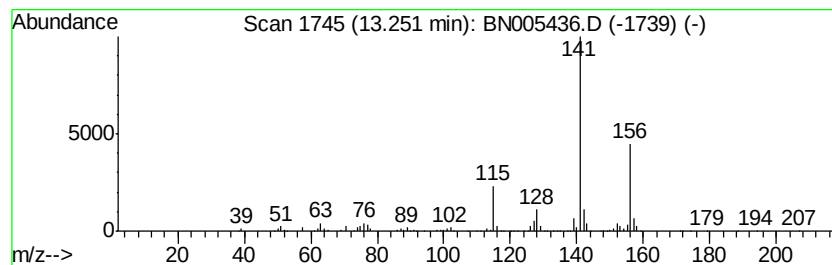
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.26 ng/ul	2250710	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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Sample : K2603-15 5X
Misc :
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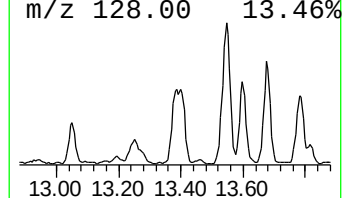
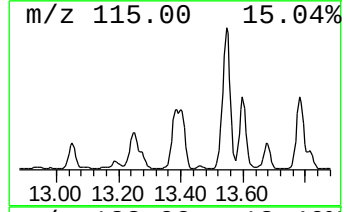
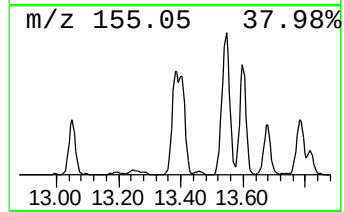
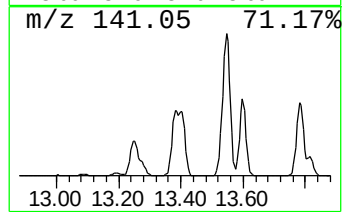
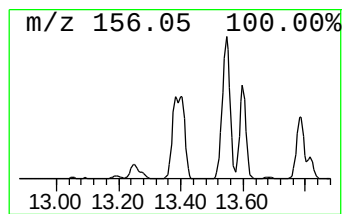
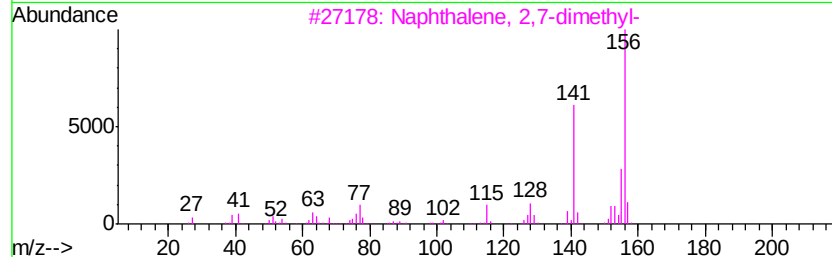
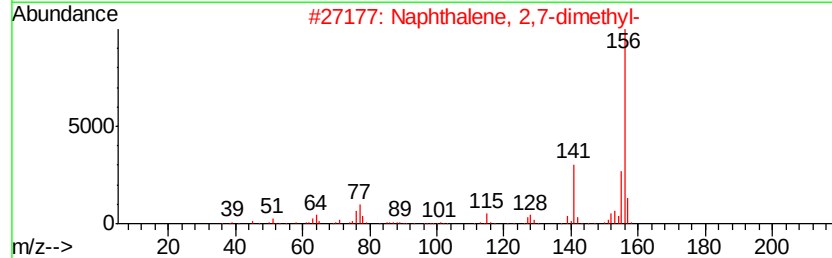
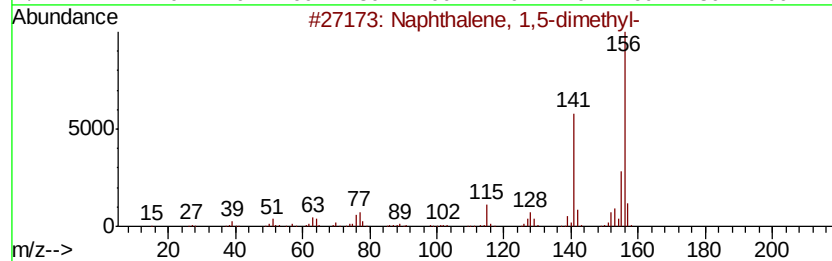
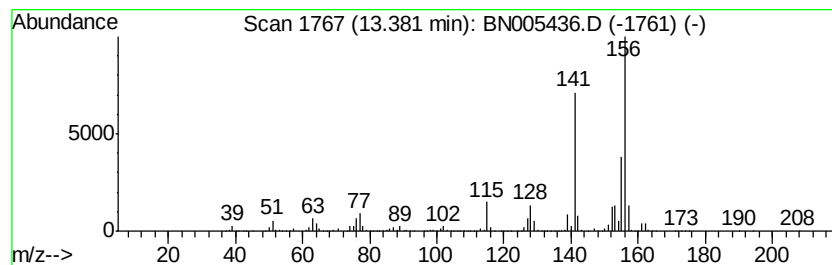
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	12.95 ng/ul	4654640	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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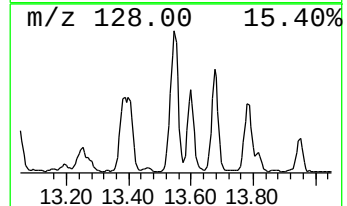
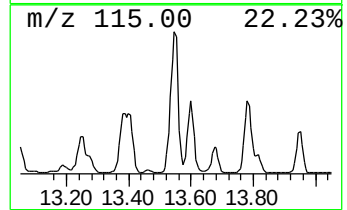
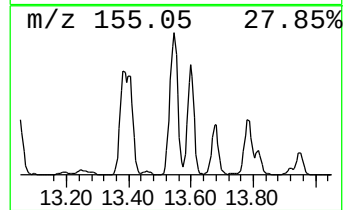
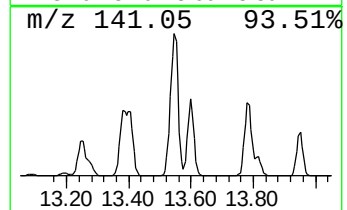
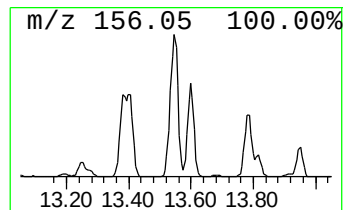
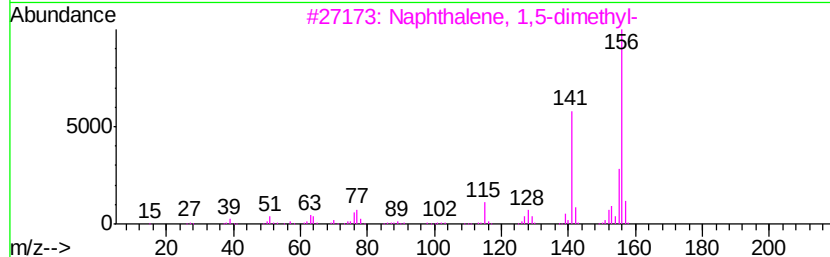
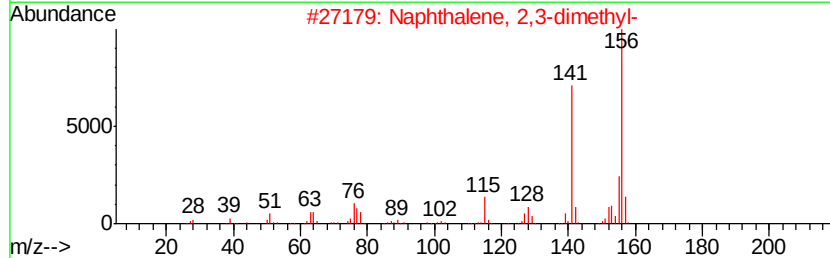
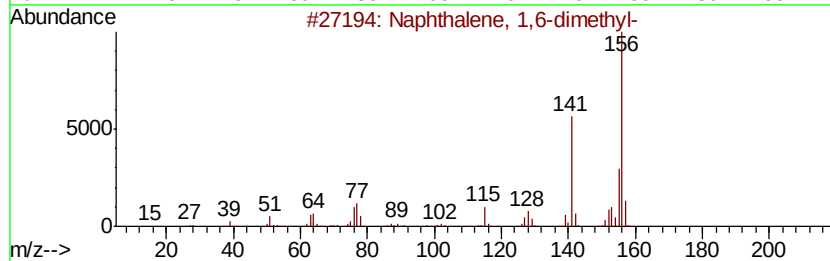
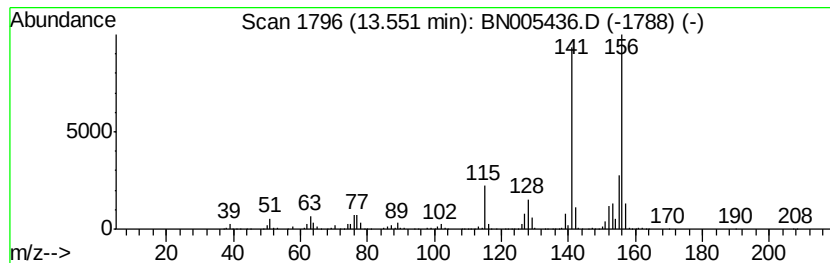
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	25.90 ng/ul	9312550	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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Sample : K2603-15 5X
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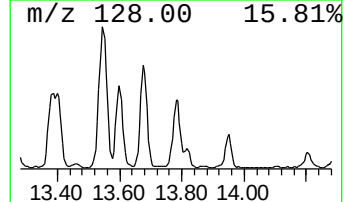
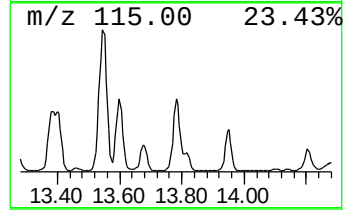
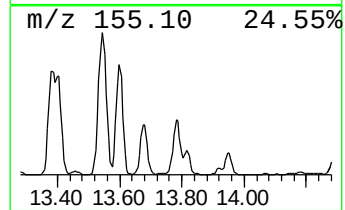
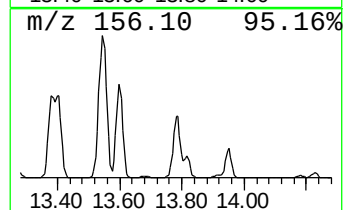
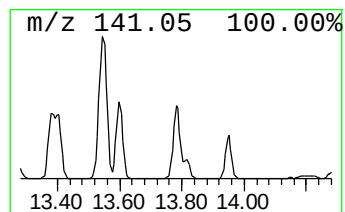
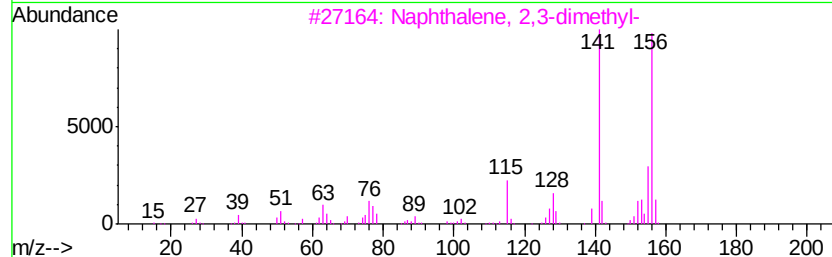
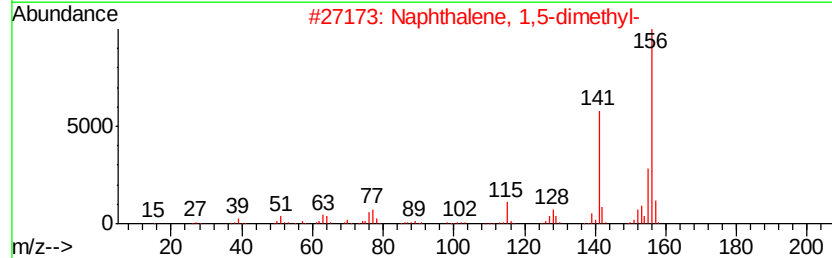
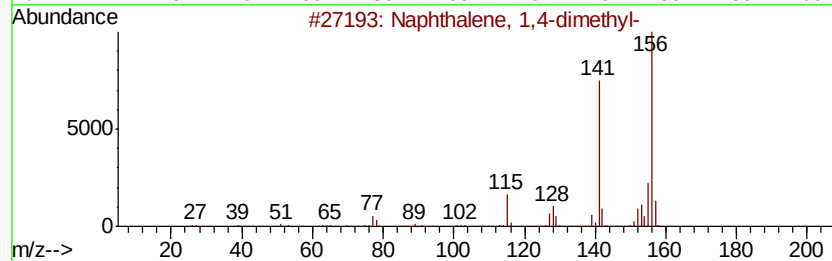
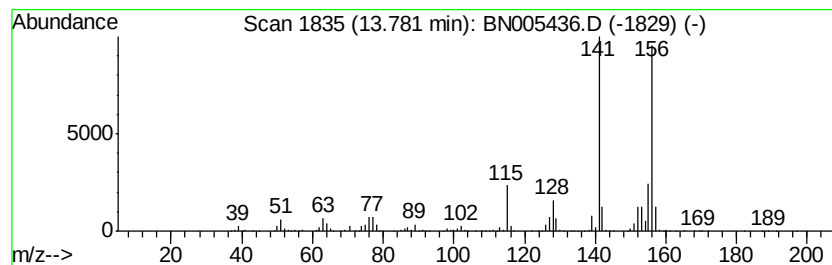
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	11.10 ng/ul	3990690	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 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 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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ClientSampleId :
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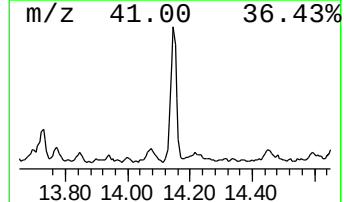
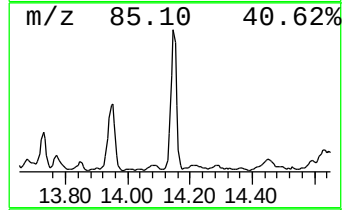
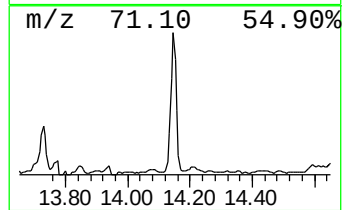
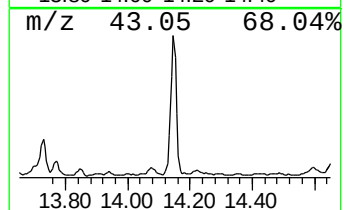
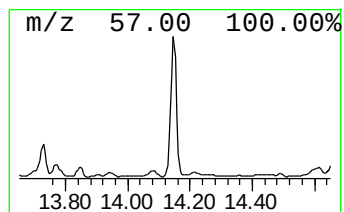
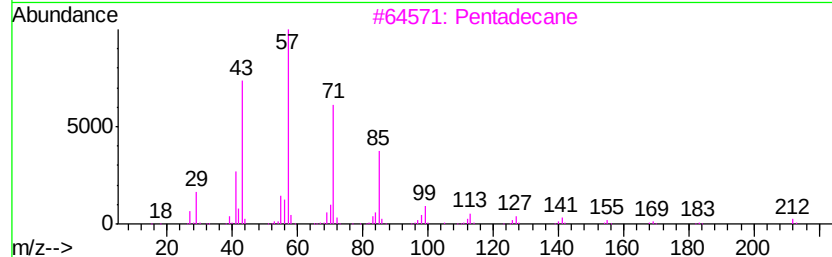
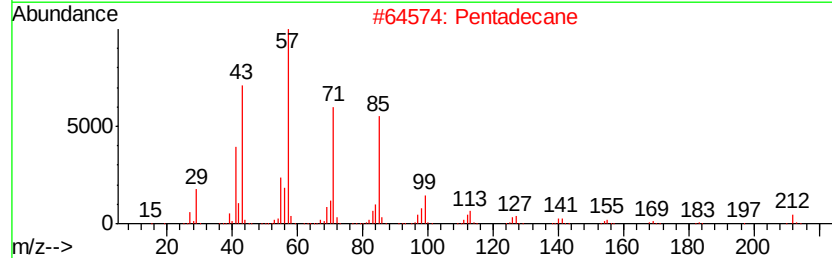
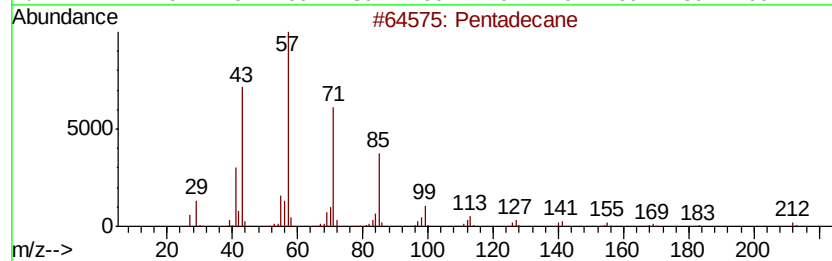
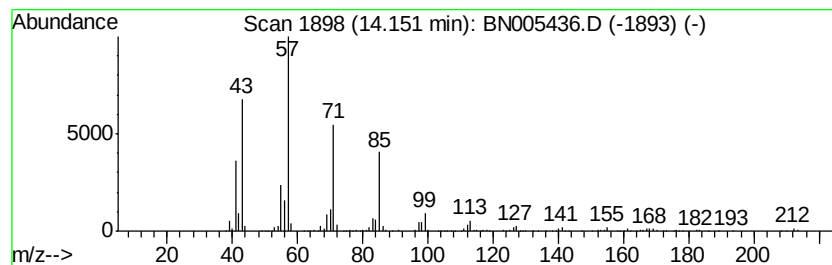
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.33 ng/ul	1196110	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Pentadecane	212	C15H32	000629-62-9	95
3			Pentadecane	212	C15H32	000629-62-9	95
4			Eicosane	282	C20H42	000112-95-8	91
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
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Misc :
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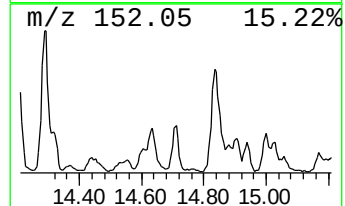
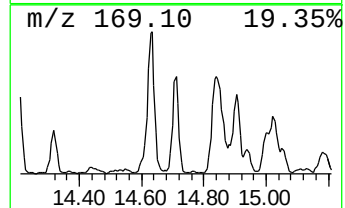
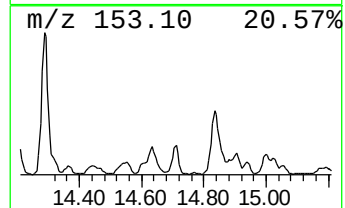
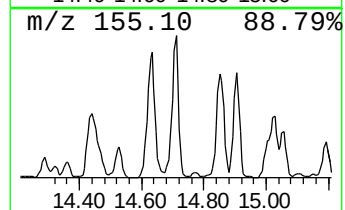
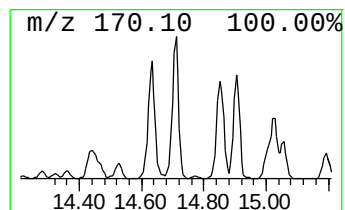
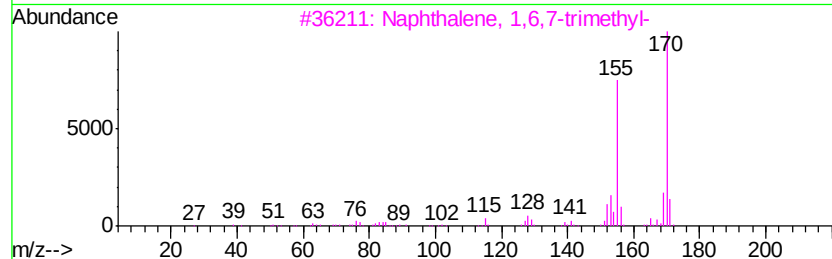
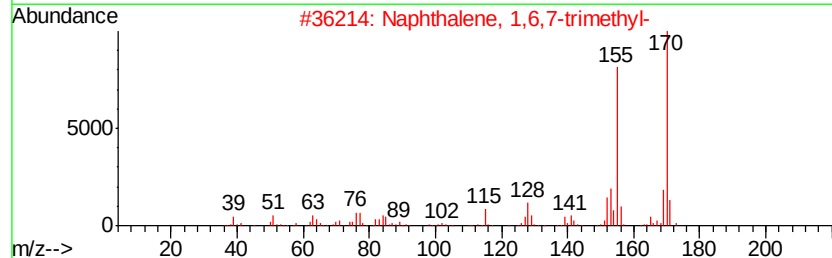
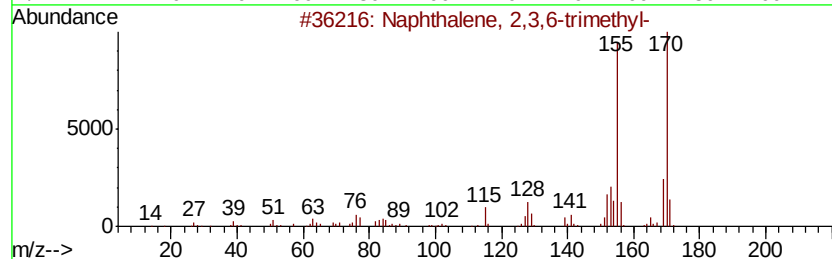
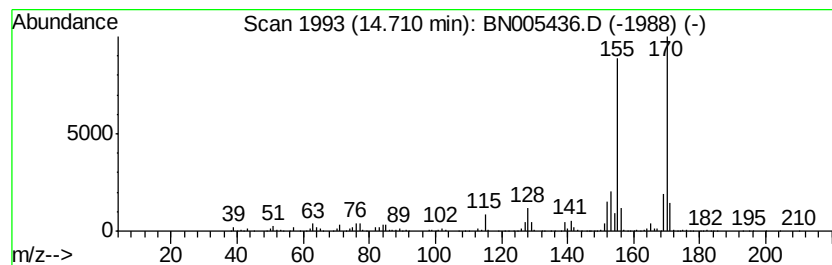
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.09 ng/ul	1829840	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 1,6,7-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	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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Sample : K2603-15 5X
Misc :
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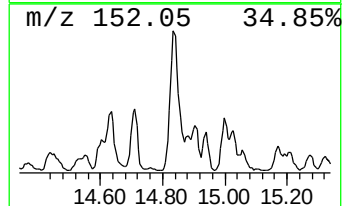
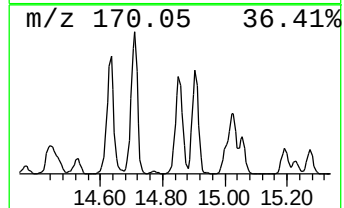
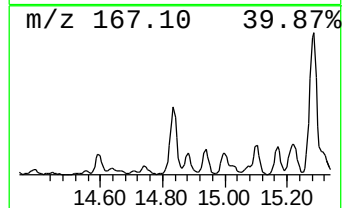
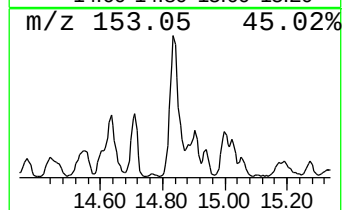
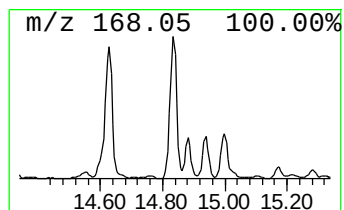
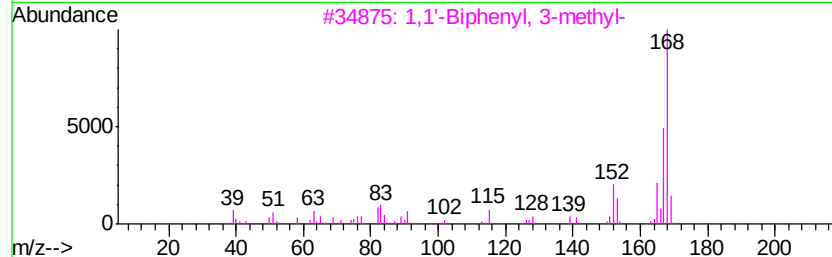
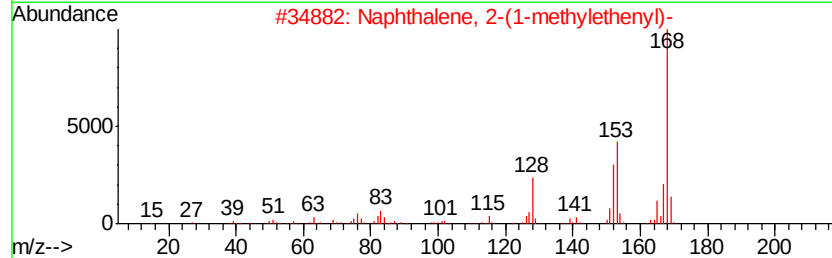
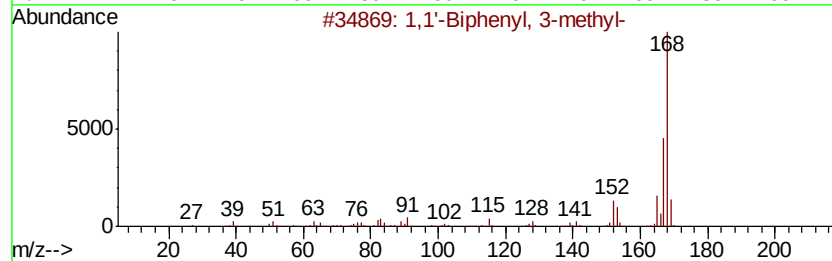
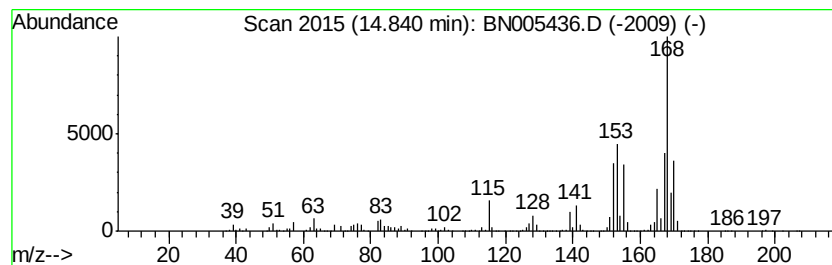
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	11.53 ng/ul	4145860	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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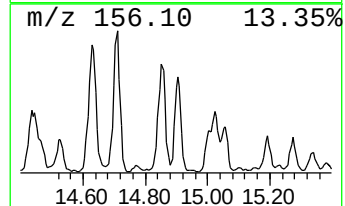
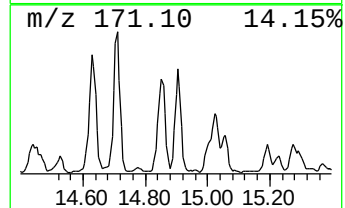
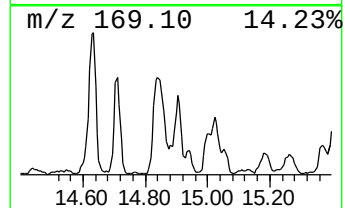
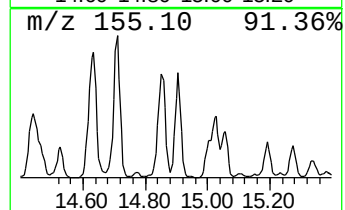
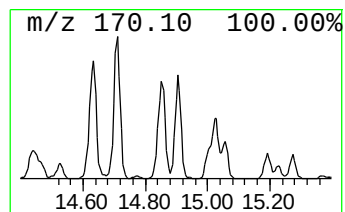
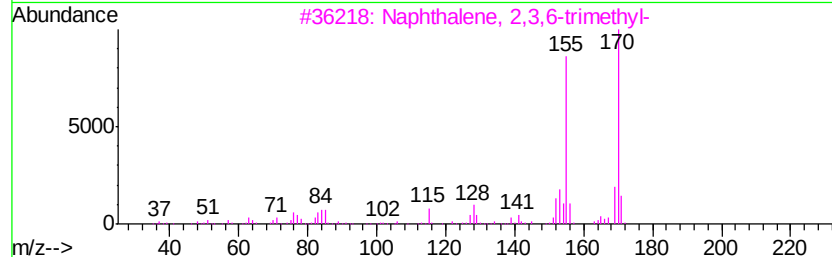
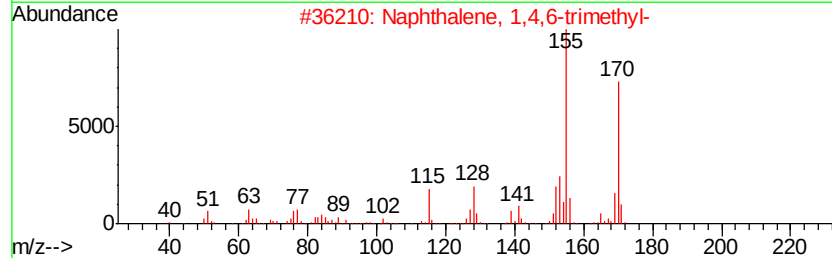
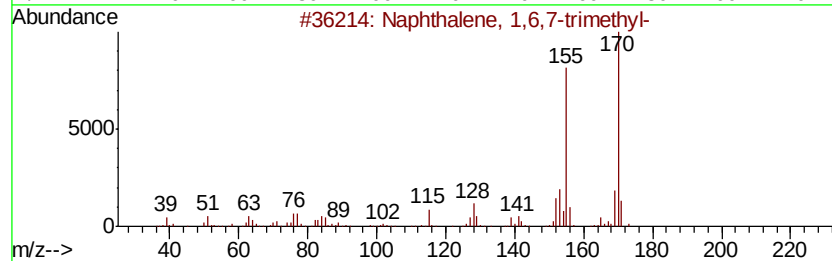
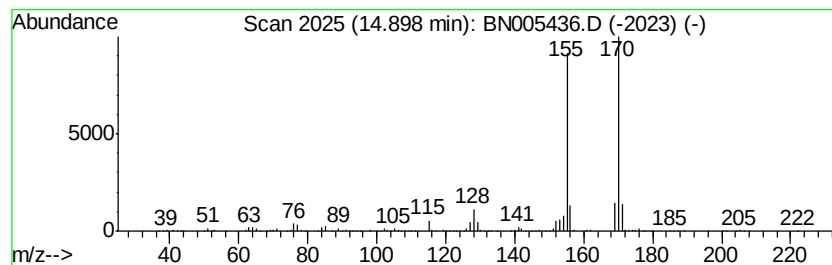
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1,6,7-trimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.78 ng/ul	1001060	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
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Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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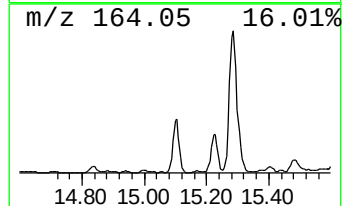
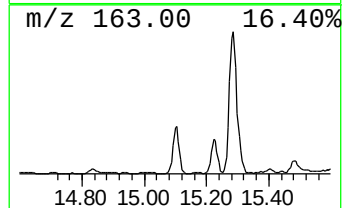
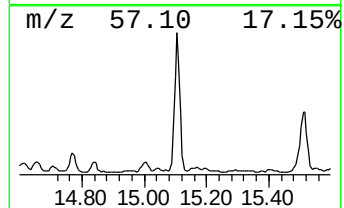
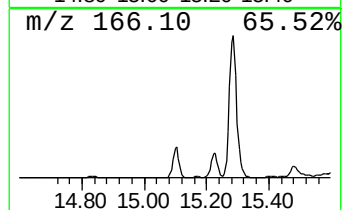
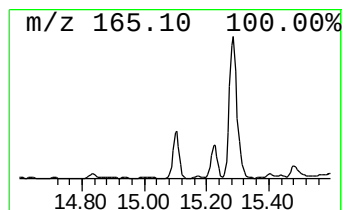
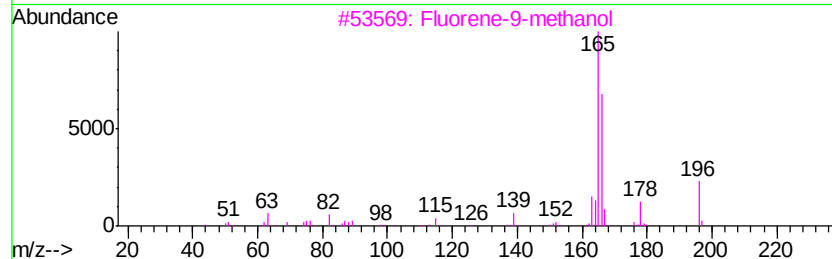
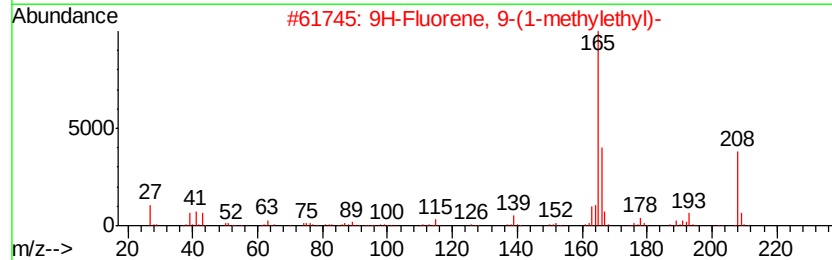
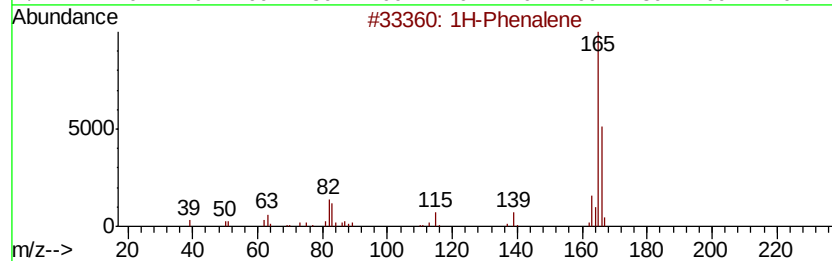
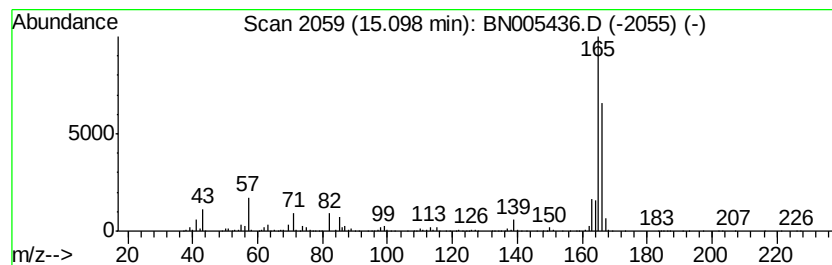
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1H-Phenalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.09 ng/ul	3987040	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	64
2		9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	59
3		Fluorene-9-methanol	196	C14H12O	024324-17-2	50
4		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	50
5		Fluorene	166	C13H10	000086-73-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

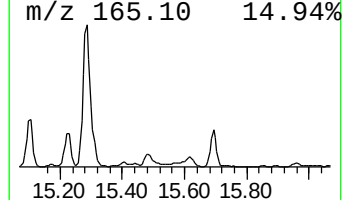
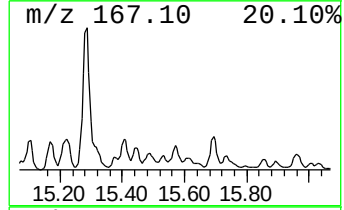
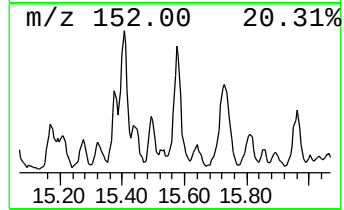
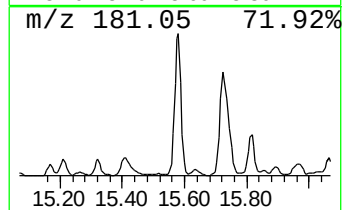
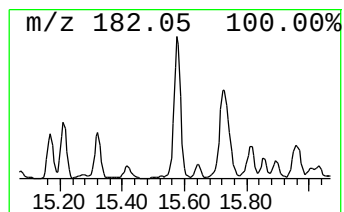
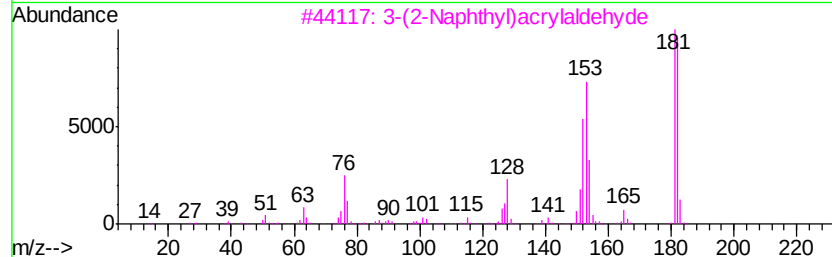
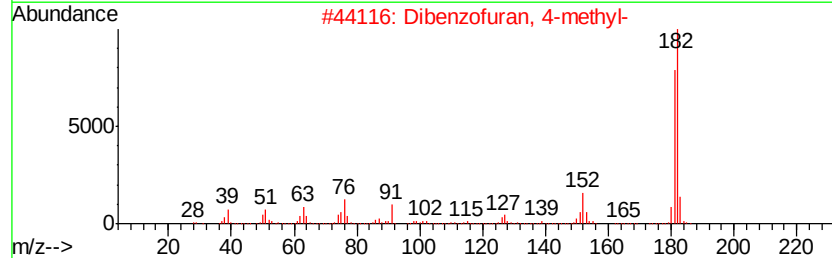
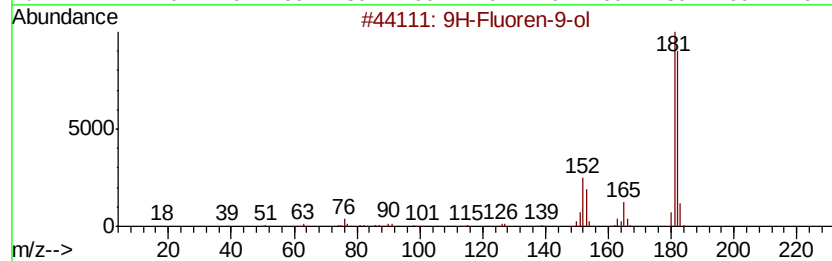
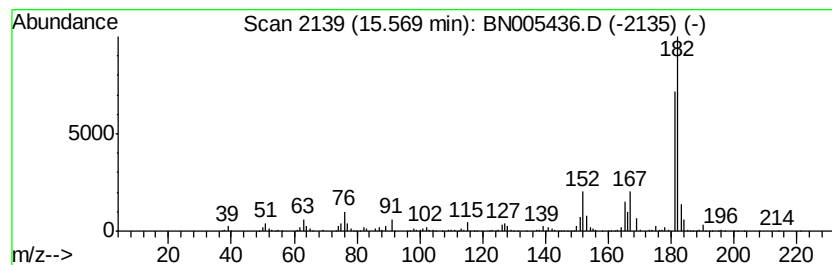
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluoren-9-ol Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.57	4.66 ng/ul	1674540	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
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Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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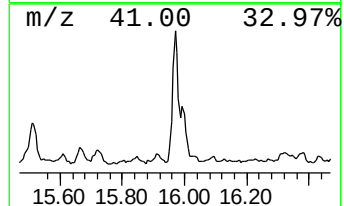
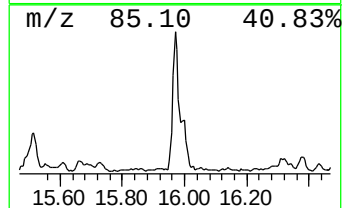
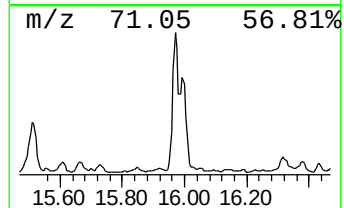
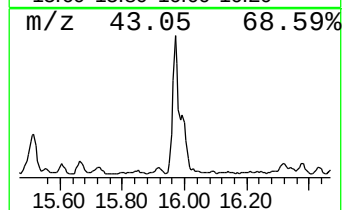
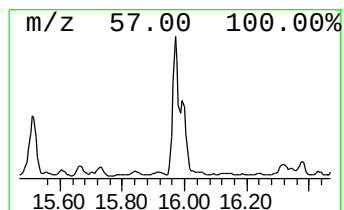
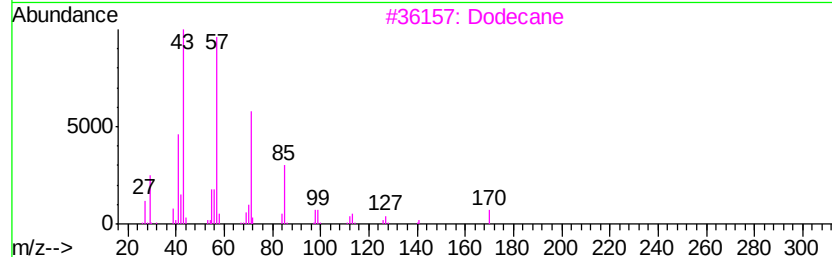
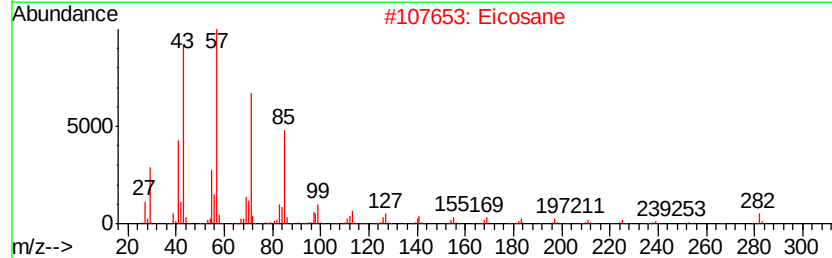
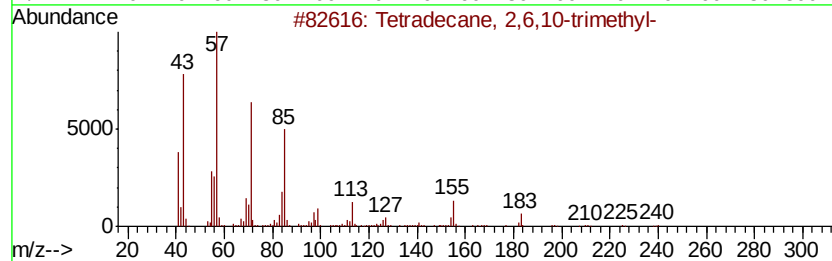
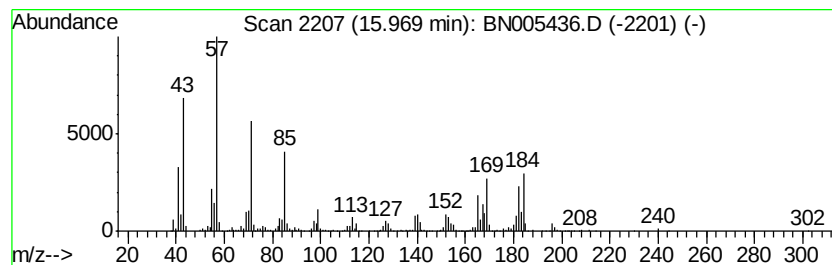
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.05 ng/ul	2199660	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
2			Eicosane	282	C20H42	000112-95-8	46
3			Dodecane	170	C12H26	000112-40-3	46
4			Heneicosane	296	C21H44	000629-94-7	46
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ67

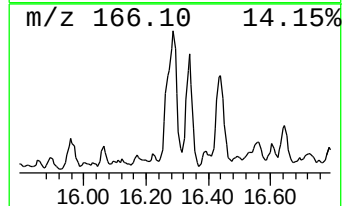
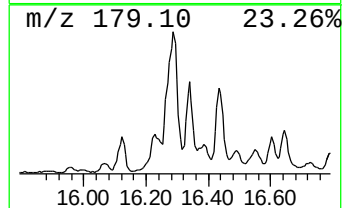
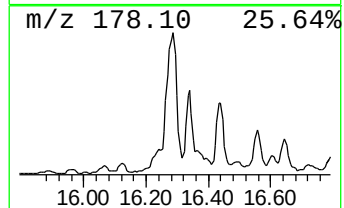
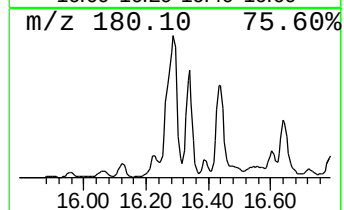
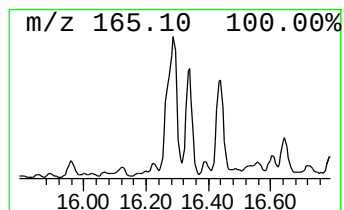
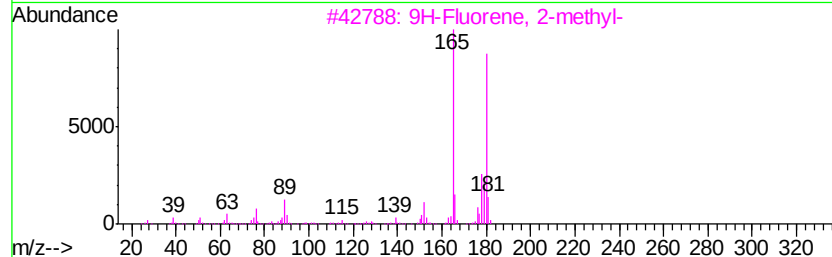
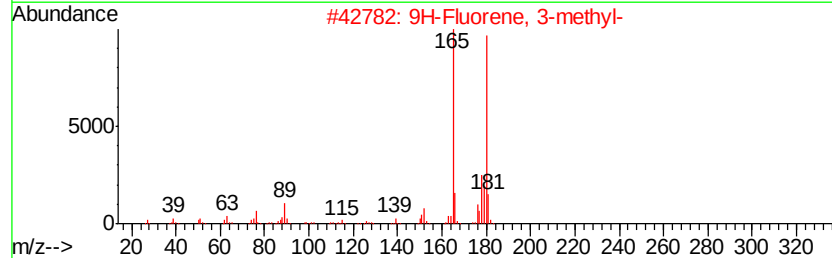
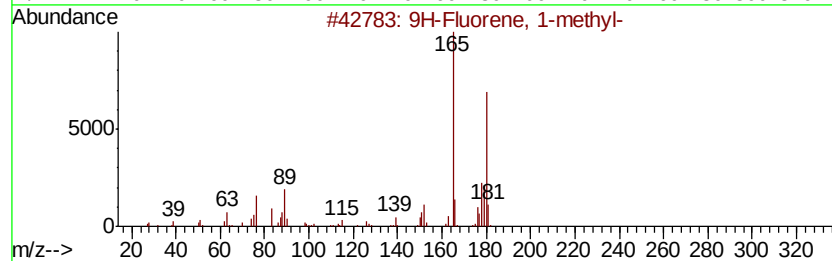
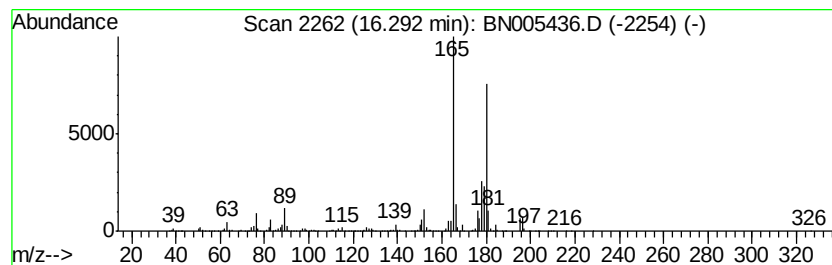
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	15.43 ng/ul	4219200	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
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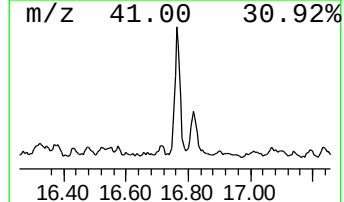
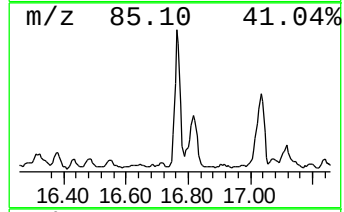
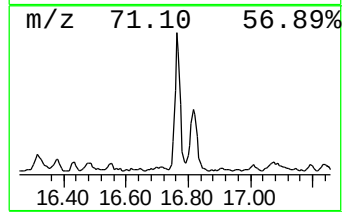
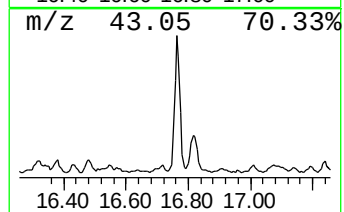
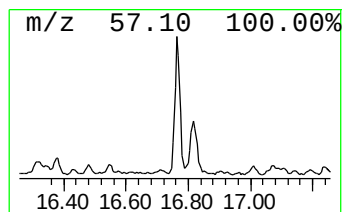
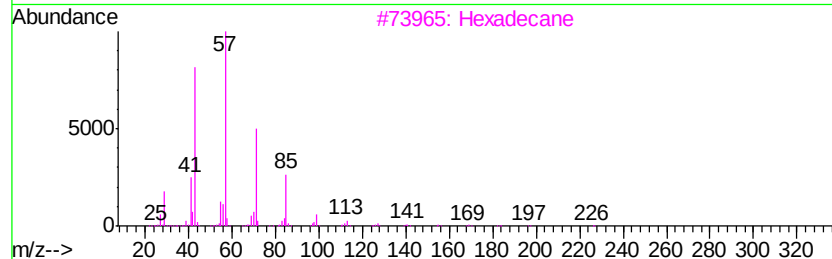
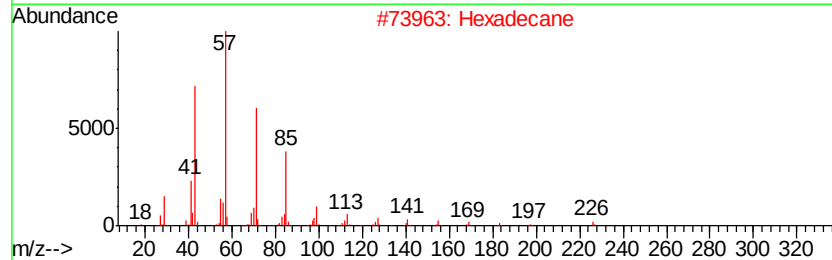
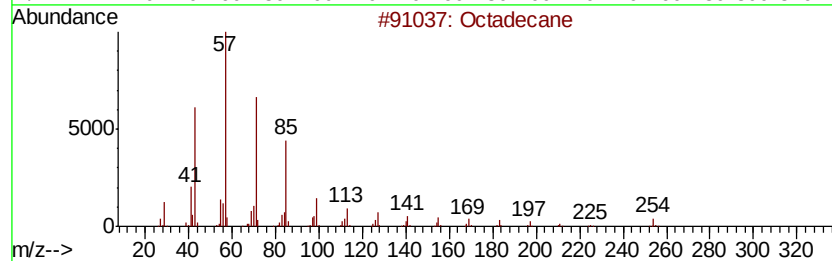
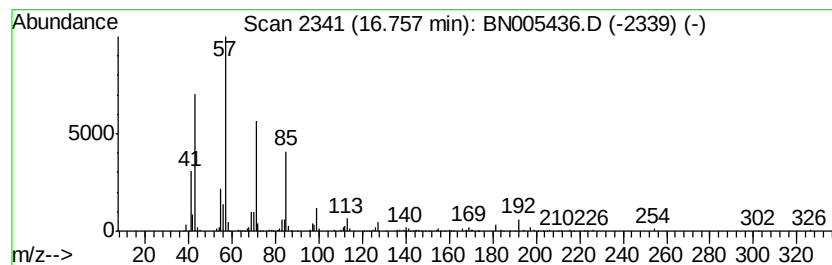
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.51 ng/ul	960993	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Hexadecane	226	C16H34	000544-76-3	86
4			Heptacosane	380	C27H56	000593-49-7	83
5			Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005436.D
Acq On : 03 May 2019 03:39
Operator : JU/SJ
Sample : K2603-15 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

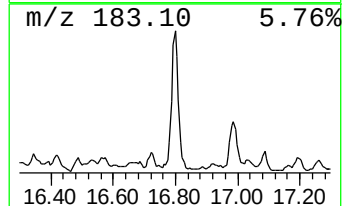
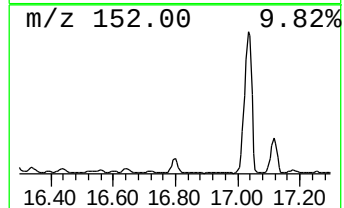
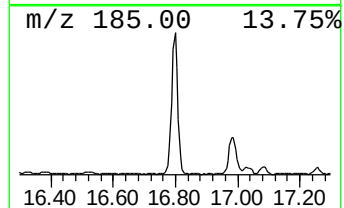
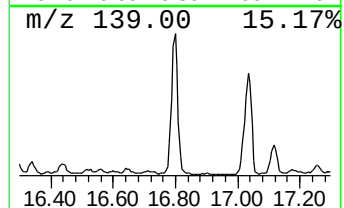
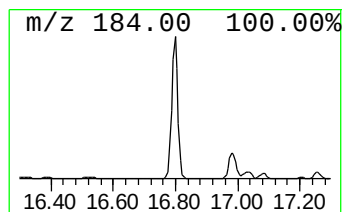
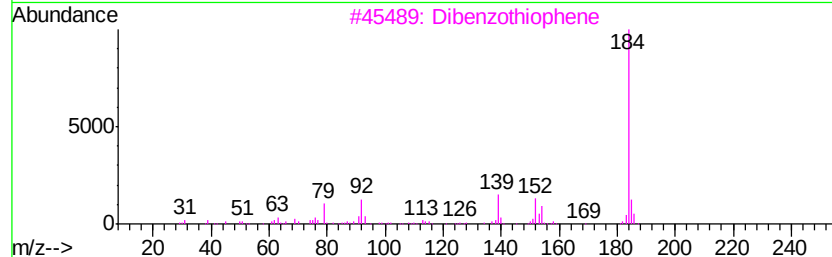
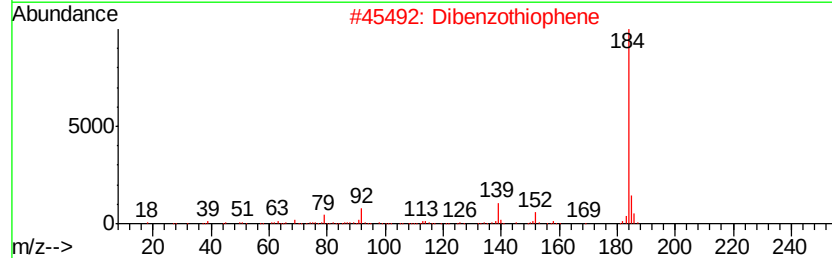
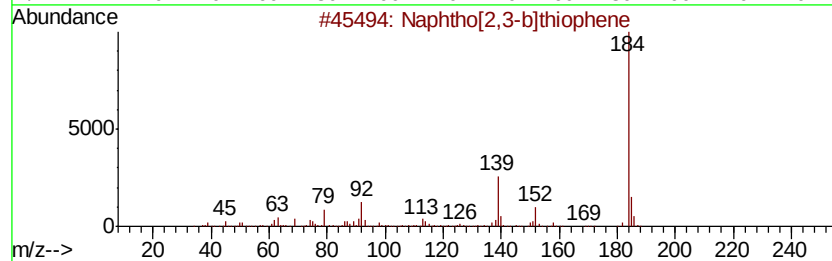
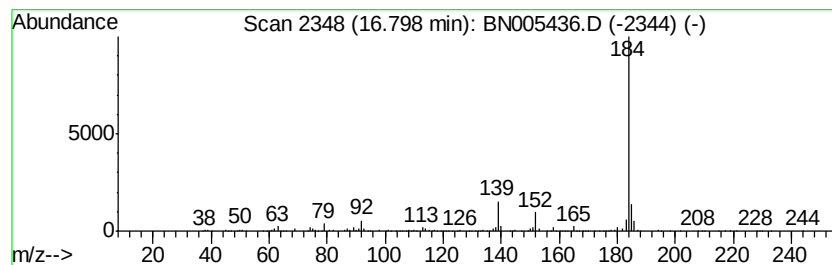
Instrument :
BNA_N
ClientSampleId :
GAJ67

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 33 Naphtho[2,3-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.80	16.49 ng/ul	4508650	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005436.D
 Acq On : 03 May 2019 03:39
 Operator : JU/SJ
 Sample : K2603-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67

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, 1,3-dime...	5.29	17.9	ng/ul	2039540	1	7.59	2272240	20.0
Benzene, 2-propenyl-	7.25	35.8	ng/ul	4064070	1	7.59	2272240	20.0
Benzene, 1-etheny...	7.33	8.0	ng/ul	913617	1	7.59	2272240	20.0
Indene	8.12	71.1	ng/ul	8076070	1	7.59	2272240	20.0
Benzene, 4-etheny...	8.85	7.9	ng/ul	899252	1	7.59	2272240	20.0
1H-Indene, 1-methyl-	9.79	15.4	ng/ul	3110800	2	10.36	4036190	20.0
1H-Indene, 1,3-di...	11.39	4.7	ng/ul	942233	2	10.36	4036190	20.0
1H-Inden-1-one, 2...	11.74	4.8	ng/ul	961516	2	10.36	4036190	20.0
(DEL) Alkane: Str...	11.80	4.6	ng/ul	924570	2	10.36	4036190	20.0
Naphthalene, 1-me...	12.25	93.9	ng/ul	18946500	2	10.36	4036190	20.0
Naphthalene, 2-et...	13.25	6.3	ng/ul	2250710	3	14.23	7190600	20.0
Naphthalene, 1,5-...	13.38	12.9	ng/ul	4654640	3	14.23	7190600	20.0
Naphthalene, 1,6-...	13.55	25.9	ng/ul	9312550	3	14.23	7190600	20.0
Naphthalene, 1,4-...	13.78	11.1	ng/ul	3990690	3	14.23	7190600	20.0
(DEL) Alkane: Str...	14.15	3.3	ng/ul	1196110	3	14.23	7190600	20.0
Naphthalene, 2,3,...	14.71	5.1	ng/ul	1829840	3	14.23	7190600	20.0
1,1'-Biphenyl, 3-...	14.84	11.5	ng/ul	4145860	3	14.23	7190600	20.0
Naphthalene, 1,6,...	14.90	2.8	ng/ul	1001060	3	14.23	7190600	20.0
1H-Phenylene	15.10	11.1	ng/ul	3987040	3	14.23	7190600	20.0
9H-Fluorene-9-ol	15.57	4.7	ng/ul	1674540	3	14.23	7190600	20.0
(DEL) Alkane: Str...	15.97	8.1	ng/ul	2199660	4	16.98	5468170	20.0
9H-Fluorene, 1-me...	16.29	15.4	ng/ul	4219200	4	16.98	5468170	20.0
(DEL) Alkane: Str...	16.76	3.5	ng/ul	960993	4	16.98	5468170	20.0
Naphtho[2,3-b]thi...	16.80	16.5	ng/ul	4508650	4	16.98	5468170	20.0