

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005357.D
 Acq On : 29 Apr 2019 18:35
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

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	7.252	719	725	735	rVV3	237909	435486	3.40%	0.304%
2	7.593	774	783	793	rBV	969191	1530196	11.94%	1.067%
3	8.852	987	997	1005	rVV	129181	257875	2.01%	0.180%
4	9.769	1138	1153	1161	rBV3	197442	402532	3.14%	0.281%
5	9.857	1161	1168	1172	rBV	326997	552478	4.31%	0.385%
6	10.351	1245	1252	1258	rVV	1417470	2372552	18.51%	1.654%
7	11.804	1493	1499	1505	rVV	339668	571013	4.46%	0.398%
8	11.910	1514	1517	1525	rVV	139357	248902	1.94%	0.173%
9	12.022	1528	1536	1545	rVB	1332968	2116306	16.51%	1.475%
10	12.245	1562	1574	1586	rBV	7650359	12582472	98.19%	8.770%
11	13.051	1705	1711	1724	rBV2	765707	1455440	11.36%	1.014%
12	13.251	1738	1745	1748	rBV2	595652	1068974	8.34%	0.745%
13	13.387	1758	1768	1769	rBV	3442732	5077342	39.62%	3.539%
14	13.545	1785	1795	1800	rVV	4194272	7321752	57.14%	5.103%
15	13.598	1800	1804	1813	rVV	2485324	3697069	28.85%	2.577%
16	13.675	1813	1817	1823	rVV	742400	1086365	8.48%	0.757%
17	13.781	1829	1835	1839	rVV	1859393	2876368	22.45%	2.005%
18	13.816	1839	1841	1846	rVB	521804	574592	4.48%	0.401%
19	13.945	1853	1863	1872	rBV2	3341112	5067105	39.54%	3.532%
20	14.151	1893	1898	1901	rBV	202423	260178	2.03%	0.181%
21	14.222	1901	1910	1916	rVV4	2035506	4245519	33.13%	2.959%
22	14.287	1916	1921	1924	rVV2	508447	749732	5.85%	0.523%
23	14.322	1924	1927	1931	rVB	484191	619564	4.83%	0.432%
24	14.439	1941	1947	1956	rVB	536106	1174358	9.16%	0.819%
25	14.528	1956	1962	1970	rVB3	172719	277336	2.16%	0.193%
26	14.634	1970	1980	1987	rBV2	943667	1800267	14.05%	1.255%
27	14.710	1987	1993	1998	rVB	827619	1132698	8.84%	0.790%
28	14.839	2009	2015	2021	rBV3	849803	1787492	13.95%	1.246%
29	14.904	2022	2026	2030	rVB	577764	750996	5.86%	0.523%
30	14.998	2037	2042	2044	rBV	312385	440941	3.44%	0.307%
31	15.022	2044	2046	2050	rVB	218385	239635	1.87%	0.167%
32	15.104	2055	2060	2066	rVB	656713	973696	7.60%	0.679%
33	15.169	2066	2071	2074	rBV	272426	434573	3.39%	0.303%
34	15.222	2075	2080	2085	rVB2	706033	1171784	9.14%	0.817%

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

35	15.281	2085	2090	2095	rBV	2364062	3611762	28.19%	2.517%
36	15.404	2108	2111	2115	rVV3	371571	562404	4.39%	0.392%
37	15.498	2122	2127	2135	rVB7	181252	399718	3.12%	0.279%
38	15.575	2135	2140	2148	rBV	416518	697638	5.44%	0.486%
39	15.728	2158	2166	2175	rVB4	256263	660587	5.16%	0.460%
40	15.969	2201	2207	2211	rBV4	237489	383275	2.99%	0.267%
41	16.286	2247	2261	2266	rVV3	678541	1806162	14.09%	1.259%
42	16.339	2266	2270	2275	rVV	735660	1074006	8.38%	0.749%
43	16.439	2282	2287	2292	rVV3	340029	565741	4.41%	0.394%
44	16.522	2292	2301	2304	rVV5	129183	315759	2.46%	0.220%
45	16.557	2304	2307	2311	rVV4	183044	305209	2.38%	0.213%
46	16.633	2317	2320	2327	rVV3	226390	379182	2.96%	0.264%
47	16.798	2340	2348	2358	rVV	493345	866372	6.76%	0.604%
48	16.981	2373	2379	2382	rBV	2405440	3530873	27.55%	2.461%
49	17.028	2382	2387	2393	rVV	8605288	12814469	100.00%	8.932%
50	17.110	2397	2401	2407	rVV	826135	1192154	9.30%	0.831%
51	17.175	2407	2412	2418	rVV2	214268	421527	3.29%	0.294%
52	17.510	2464	2469	2473	rBV	221981	282189	2.20%	0.197%
53	17.563	2473	2478	2484	rVB3	324828	506190	3.95%	0.353%
54	17.710	2499	2503	2510	rVB	172226	328057	2.56%	0.229%
55	17.857	2522	2528	2532	rBV	2286223	3206075	25.02%	2.235%
56	17.910	2532	2537	2546	rVB	2418807	3488589	27.22%	2.432%
57	17.986	2546	2550	2555	rBV	256730	349278	2.73%	0.243%
58	18.051	2555	2561	2565	rVV2	1702261	2969905	23.18%	2.070%
59	18.092	2565	2568	2574	rVB	1173823	1512820	11.81%	1.054%
60	18.369	2610	2615	2618	rVV	923006	1229292	9.59%	0.857%
61	18.404	2618	2621	2627	rVB	659579	935794	7.30%	0.652%
62	18.622	2654	2658	2662	rVV2	273401	412395	3.22%	0.287%
63	18.669	2662	2666	2670	rVB	288404	357846	2.79%	0.249%
64	18.710	2670	2673	2677	rVB	177350	219413	1.71%	0.153%
65	18.792	2682	2687	2692	rBV3	842605	1435452	11.20%	1.001%
66	18.851	2692	2697	2700	rBV2	292806	498316	3.89%	0.347%
67	18.880	2700	2702	2706	rVB	337648	388378	3.03%	0.271%
68	18.927	2706	2710	2713	rBV	226096	353608	2.76%	0.246%
69	19.057	2723	2732	2738	rVB2	1899008	2718257	21.21%	1.895%
70	19.127	2740	2744	2747	rVV	235560	304264	2.37%	0.212%
71	19.163	2747	2750	2753	rVV2	163449	231366	1.81%	0.161%

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72	19.204	2753	2757	2762	rVV	757783	1008319	7.87%	0.703%
73	19.263	2762	2767	2771	rVB2	320622	439113	3.43%	0.306%
74	19.327	2771	2778	2785	rBV3	95612	227258	1.77%	0.158%
75	19.422	2785	2794	2803	rBV	2731549	4122161	32.17%	2.873%
76	19.498	2803	2807	2814	rVB3	185262	351543	2.74%	0.245%
77	19.757	2846	2851	2861	rBV2	343880	739484	5.77%	0.515%
78	19.892	2868	2874	2877	rVV3	331623	634738	4.95%	0.442%
79	19.927	2877	2880	2885	rVB	608100	794320	6.20%	0.554%
80	20.027	2893	2897	2903	rVV	436985	583039	4.55%	0.406%
81	20.086	2903	2907	2911	rVB	438299	539195	4.21%	0.376%
82	20.227	2927	2931	2935	rVV	326938	428929	3.35%	0.299%
83	20.274	2935	2939	2949	rVB	377797	530304	4.14%	0.370%
84	20.686	3006	3009	3016	rVB	183444	321123	2.51%	0.224%
85	20.845	3028	3036	3041	rBV5	121842	356194	2.78%	0.248%
86	20.892	3041	3044	3047	rVV	271133	331047	2.58%	0.231%
87	20.986	3057	3060	3066	rVB	219862	317896	2.48%	0.222%
88	21.210	3091	3098	3102	rBV2	3395965	5684879	44.36%	3.962%
89	21.245	3102	3104	3112	rVB	874276	1222860	9.54%	0.852%
90	21.421	3130	3134	3139	rVB	247700	353909	2.76%	0.247%
91	21.769	3189	3193	3198	rVV	312620	451024	3.52%	0.314%
92	21.816	3198	3201	3208	rVB2	208829	366749	2.86%	0.256%
93	21.992	3228	3231	3235	rVB2	183700	239611	1.87%	0.167%
94	22.292	3279	3282	3288	rVB2	216264	315449	2.46%	0.220%
95	22.763	3357	3362	3363	rBV3	310081	415117	3.24%	0.289%
96	23.227	3437	3441	3446	rVB	179987	271759	2.12%	0.189%
97	23.321	3452	3457	3459	rBV	283028	453904	3.54%	0.316%
98	23.415	3466	3473	3480	rBV	2325435	4043443	31.55%	2.818%
99	23.980	3564	3569	3577	rVB	344703	644455	5.03%	0.449%
100	24.710	3687	3693	3703	rVB2	285815	611513	4.77%	0.426%

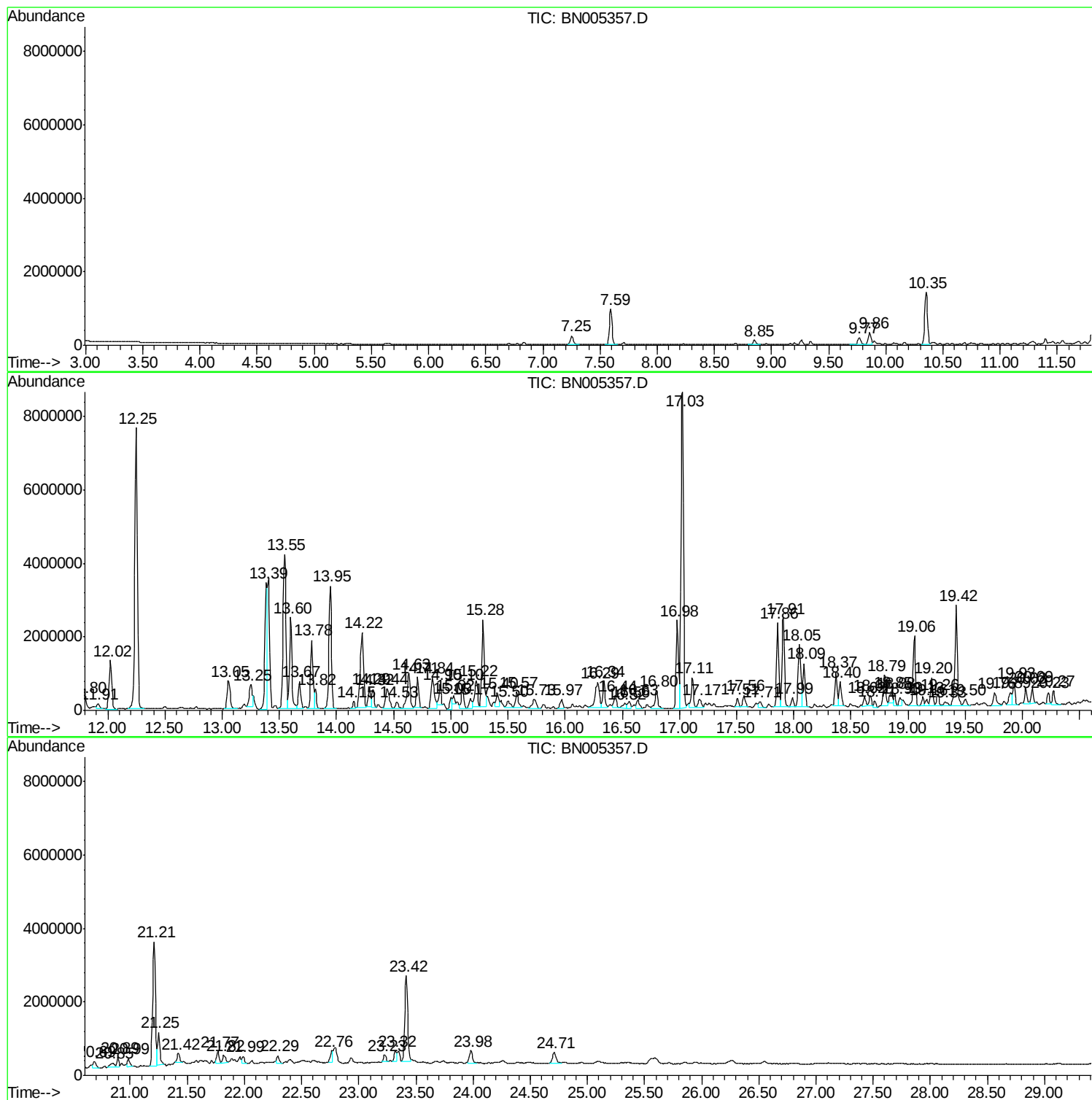
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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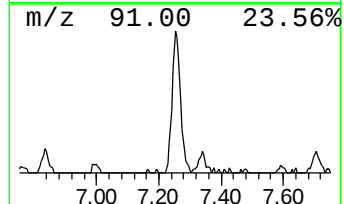
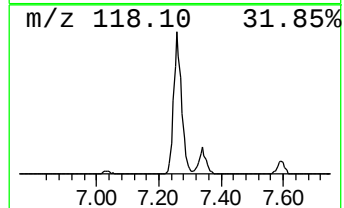
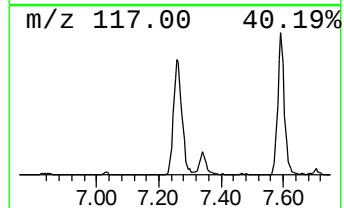
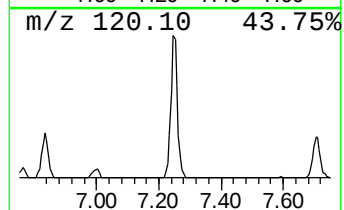
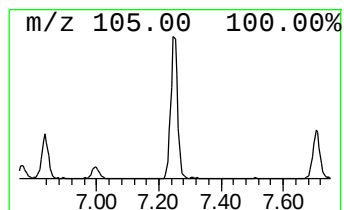
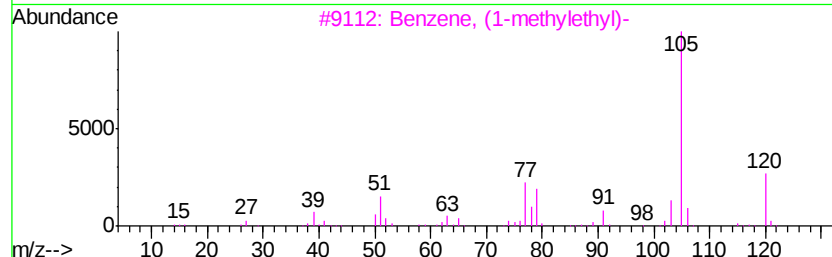
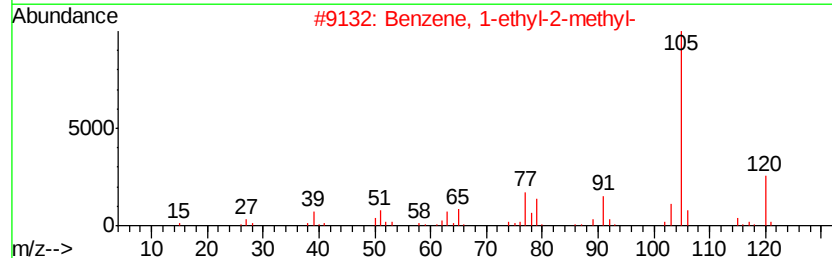
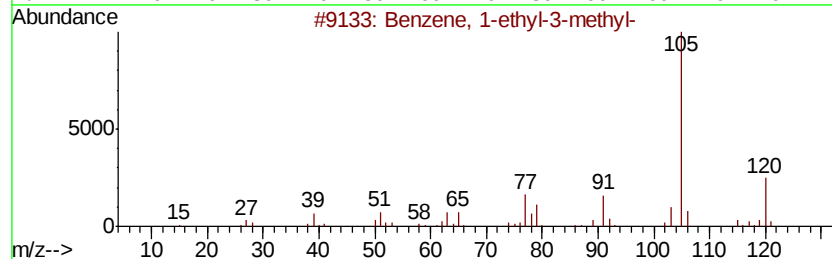
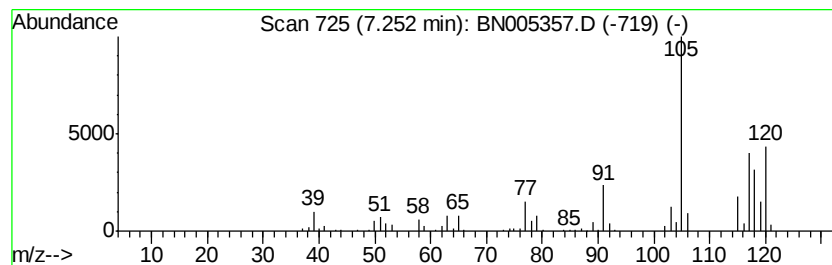
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.69 ng/ul	435486	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
3			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	50
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49



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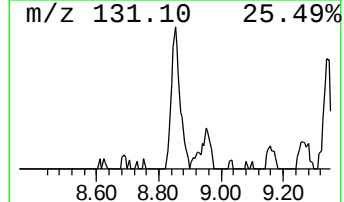
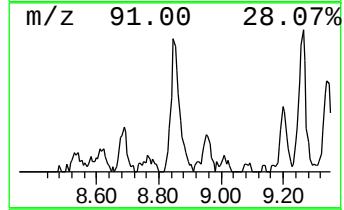
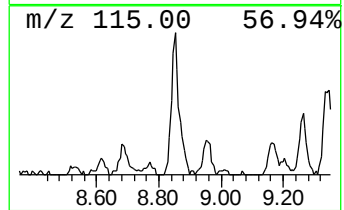
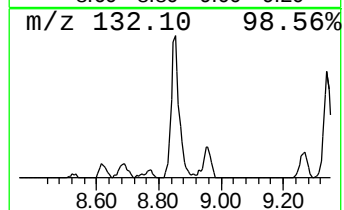
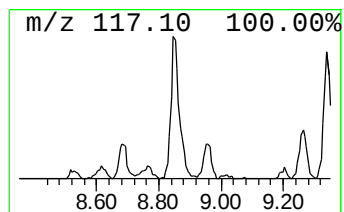
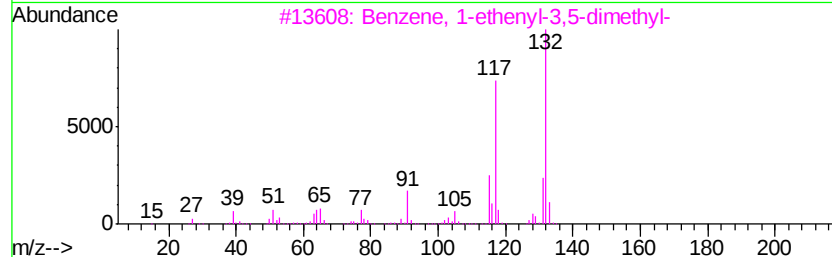
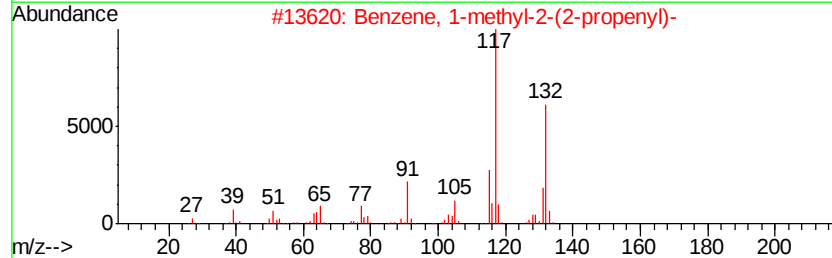
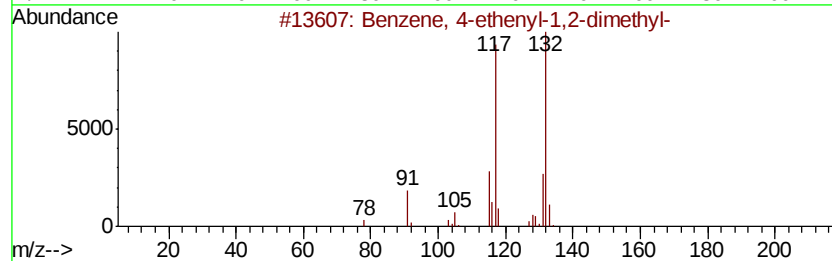
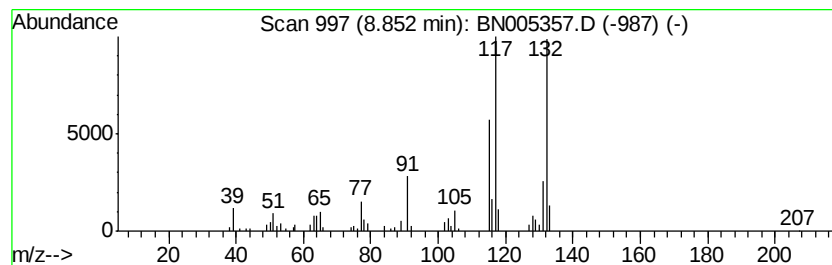
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	3.37 ng/ul	257875	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	94



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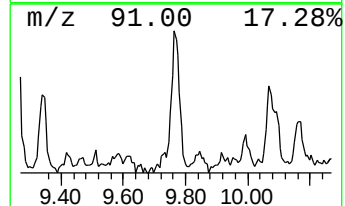
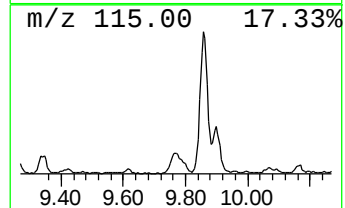
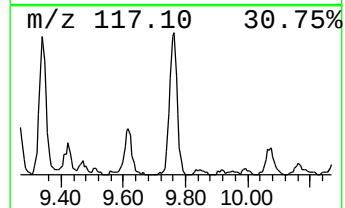
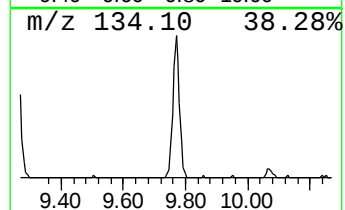
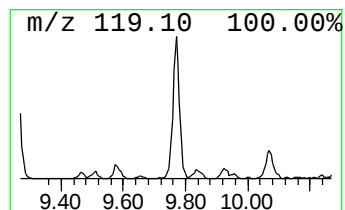
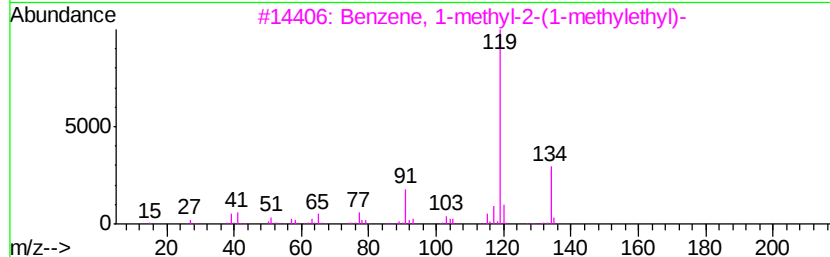
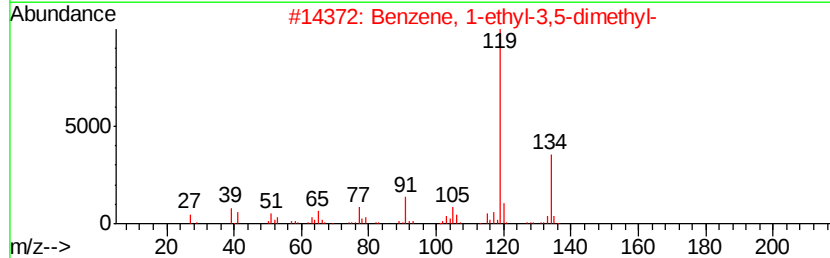
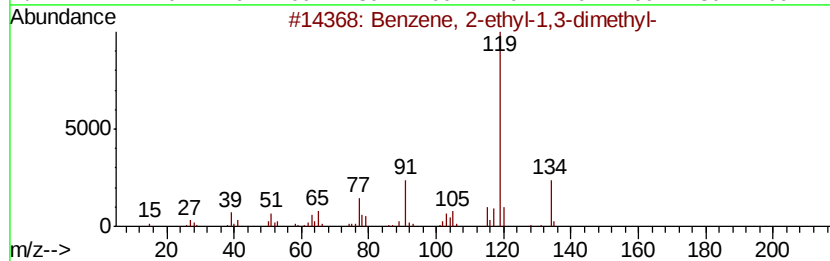
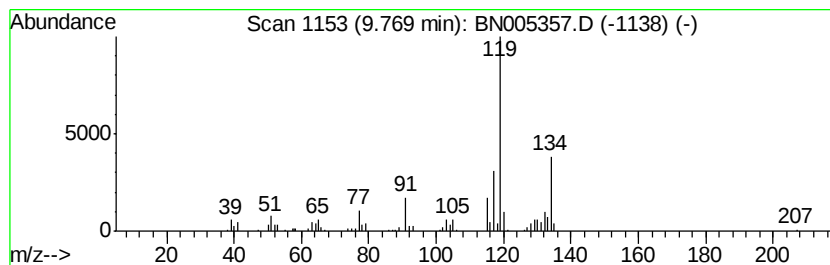
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.39 ng/ul	402532	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
3		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	76
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

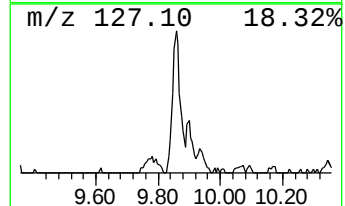
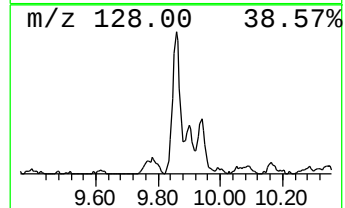
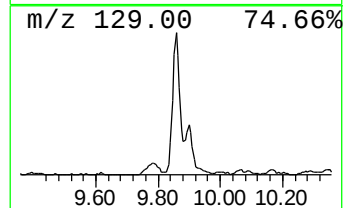
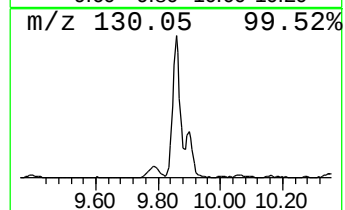
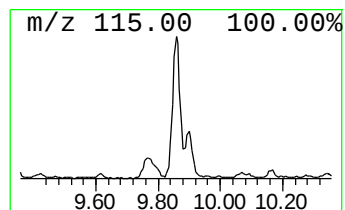
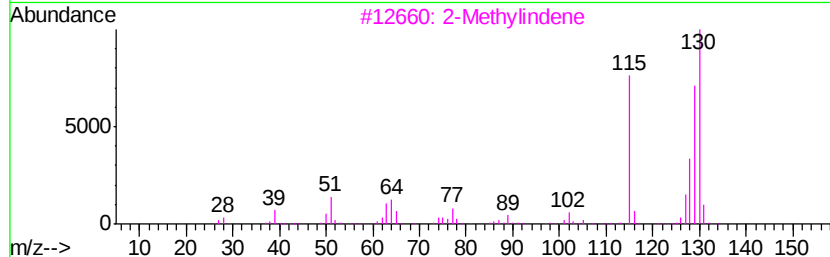
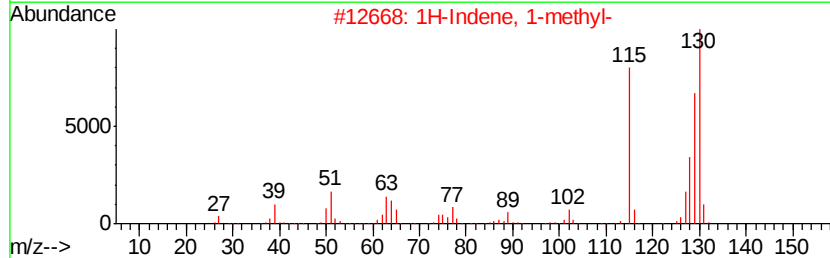
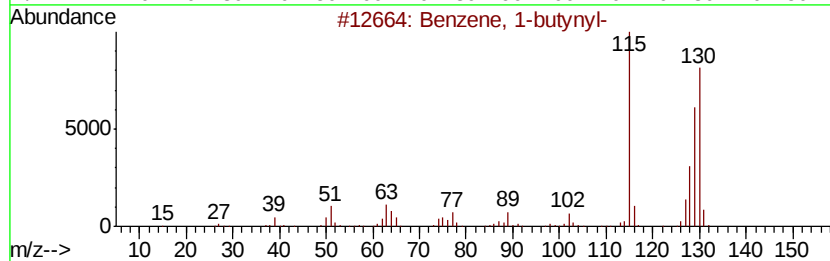
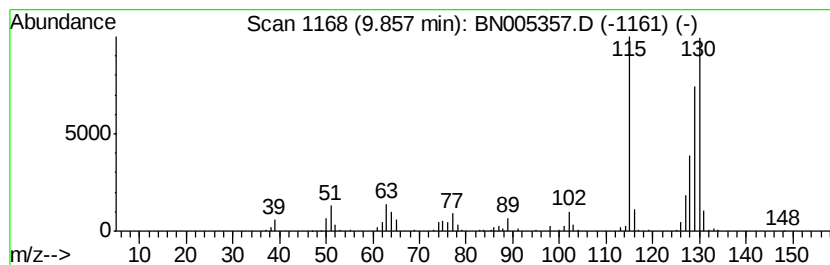
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-butyryl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	4.66 ng/ul	552478	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butyryl-	130	C10H10	000622-76-4	96
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3			2-Methylindene	130	C10H10	002177-47-1	95
4			Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5			2-Methylindene	130	C10H10	002177-47-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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Acq On : 29 Apr 2019 18:35
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Sample : K2481-15DL 30X
Misc :
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Instrument :
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ClientSampleId :
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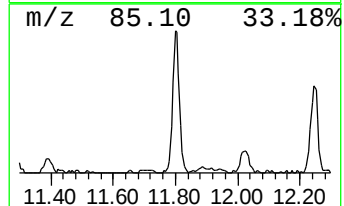
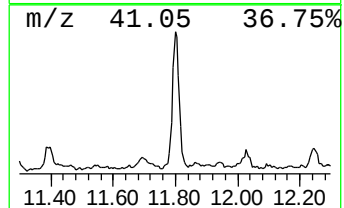
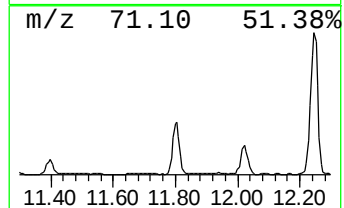
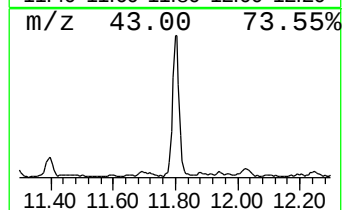
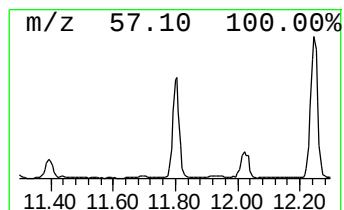
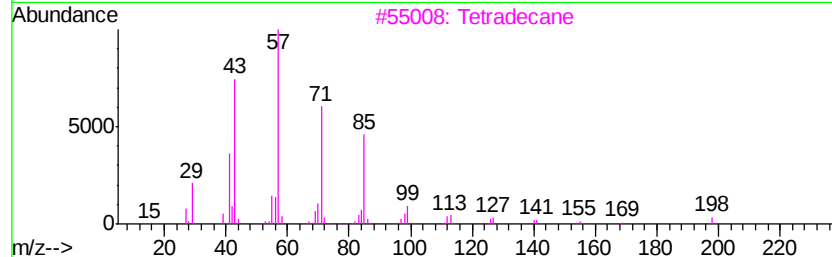
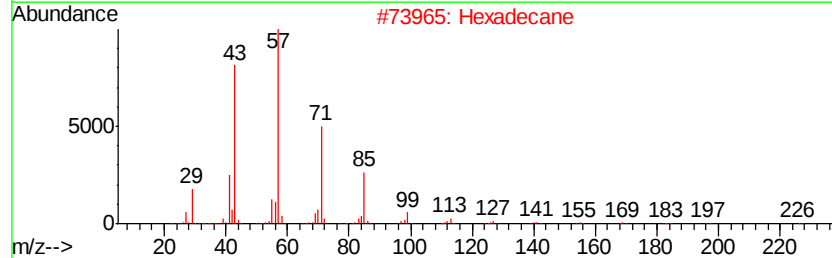
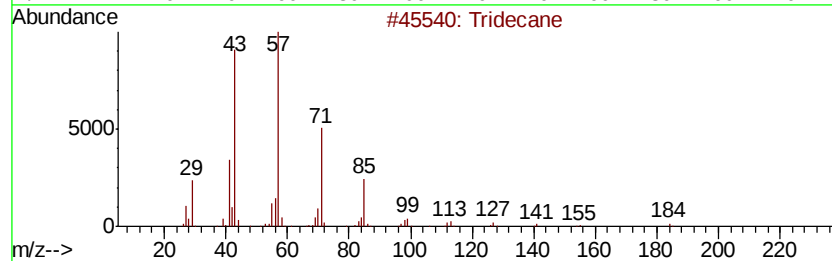
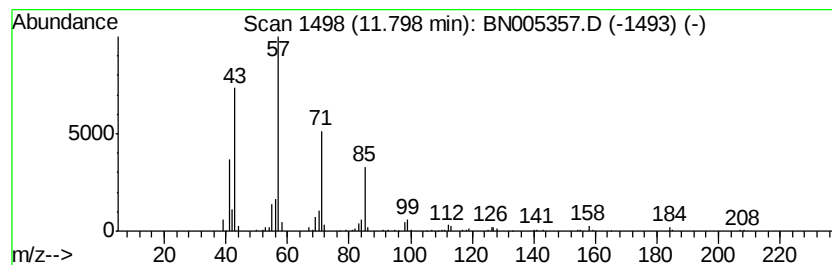
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.81 ng/ul	571013	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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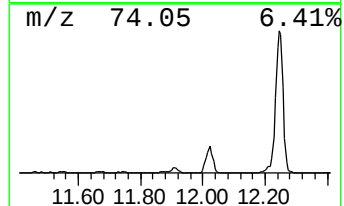
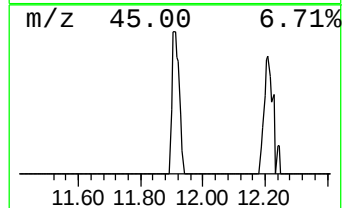
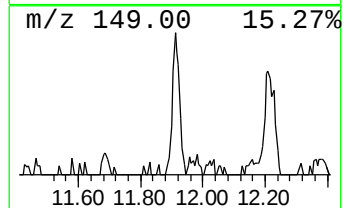
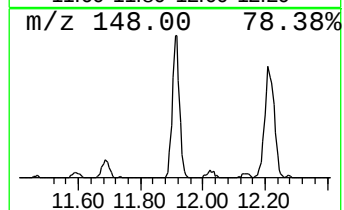
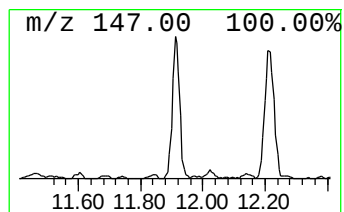
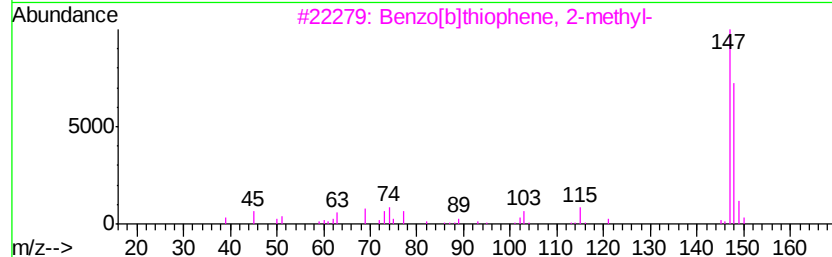
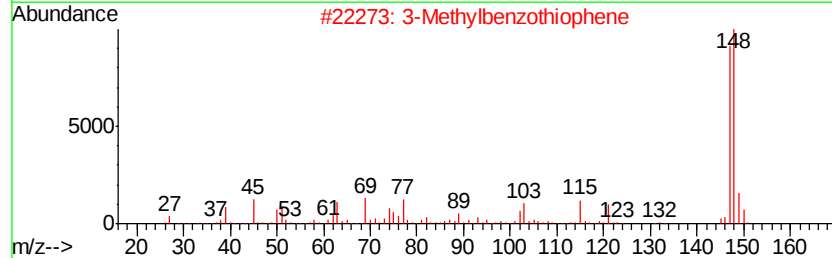
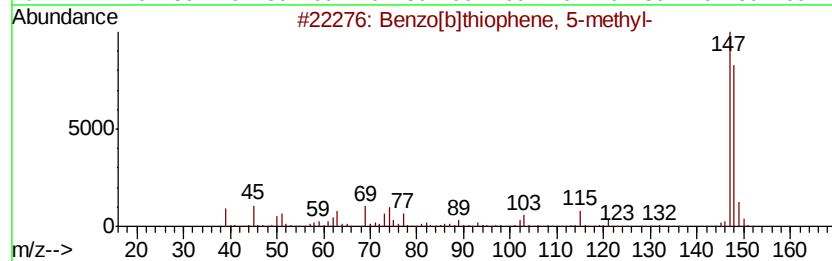
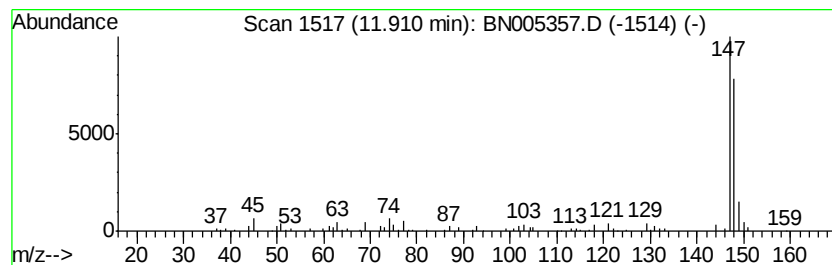
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[b]thiophene, 5-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.10 ng/ul	248902	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
2		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86
5		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
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Sample : K2481-15DL 30X
Misc :
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Instrument :
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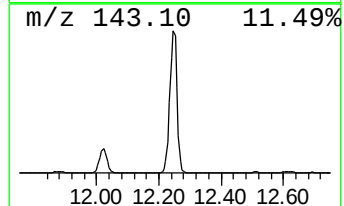
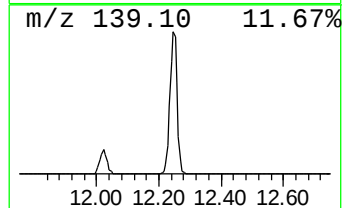
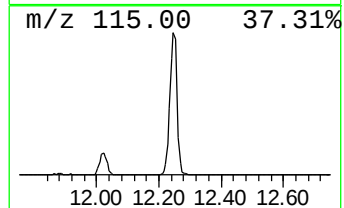
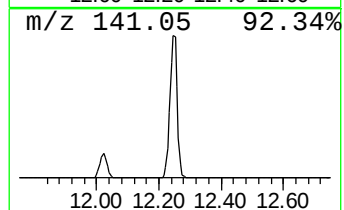
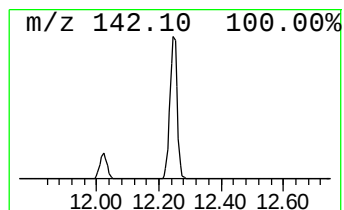
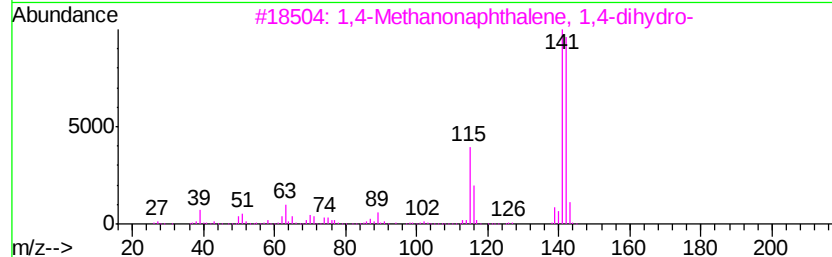
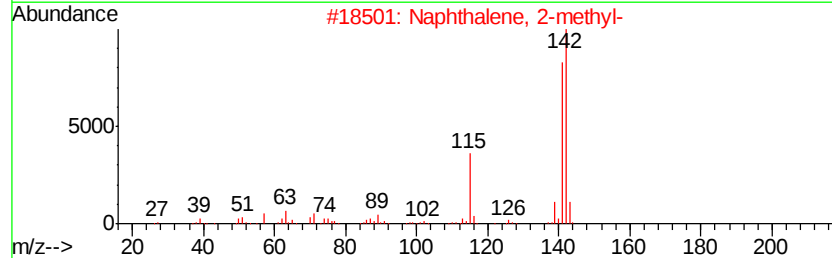
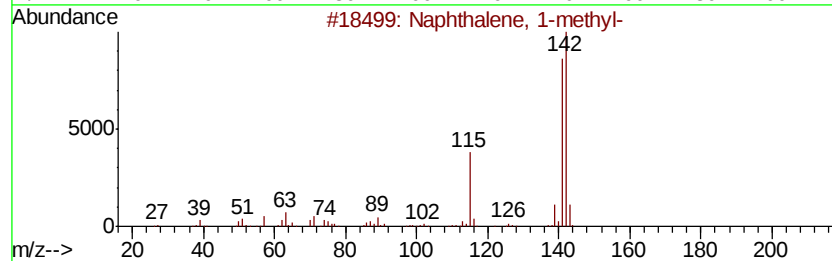
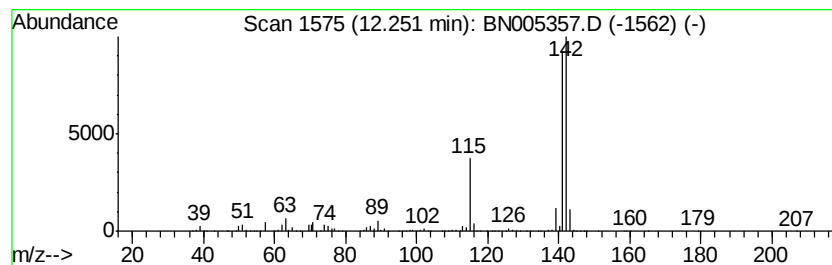
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	106.07 ng/ul	12582500	Naphthalene-d8	10.35

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
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Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

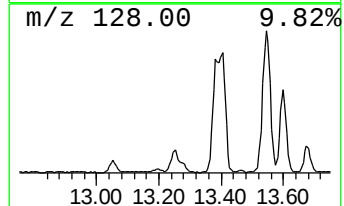
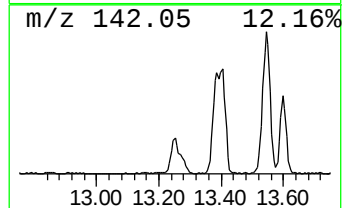
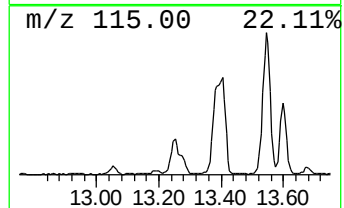
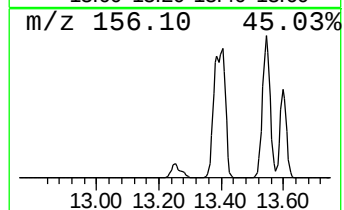
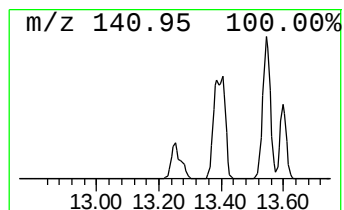
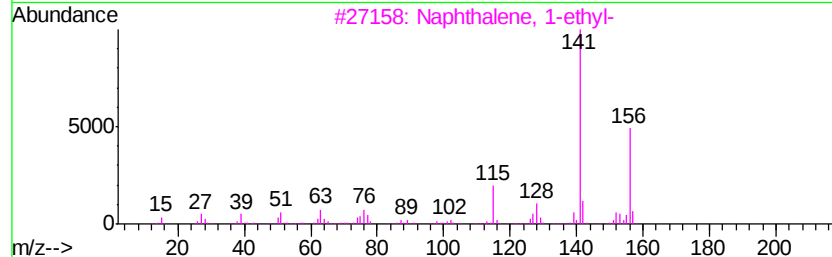
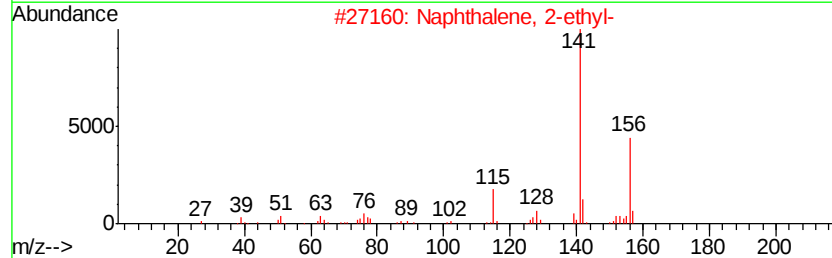
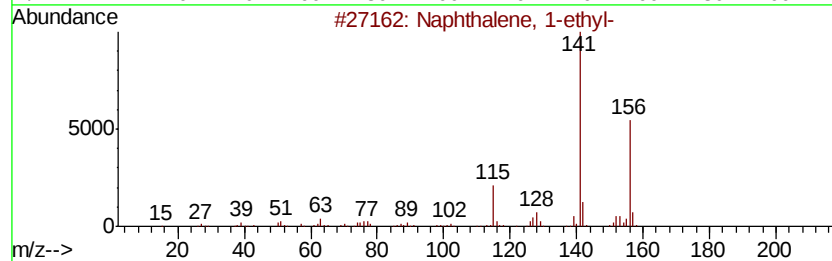
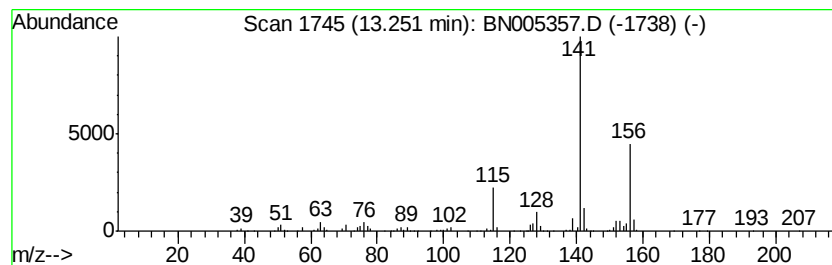
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.04 ng/ul	1068970	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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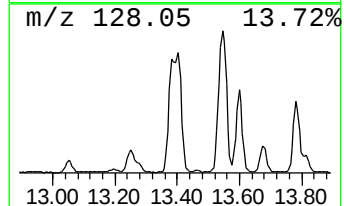
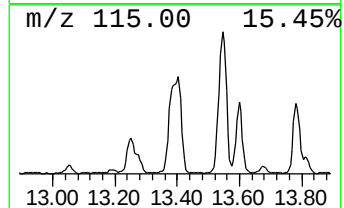
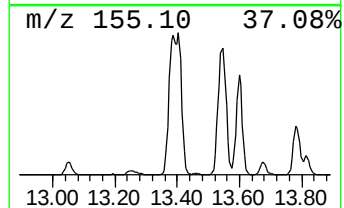
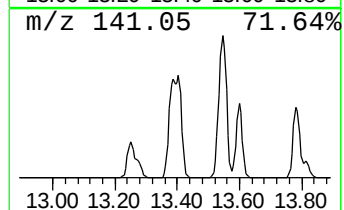
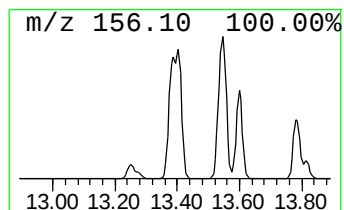
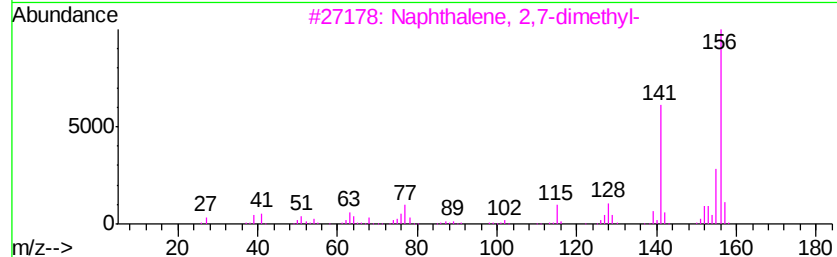
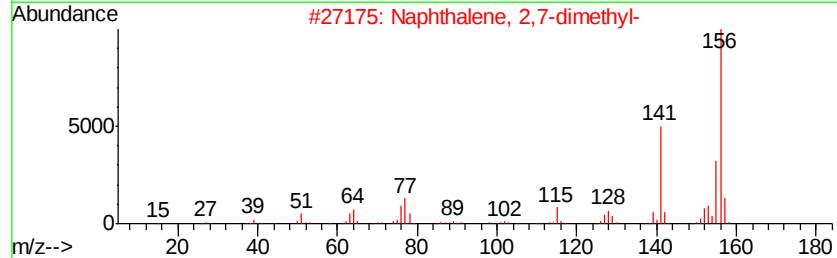
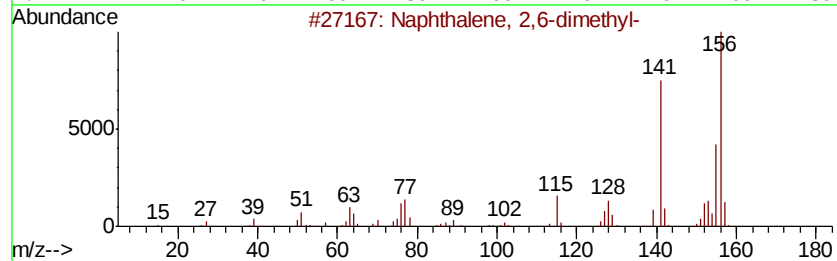
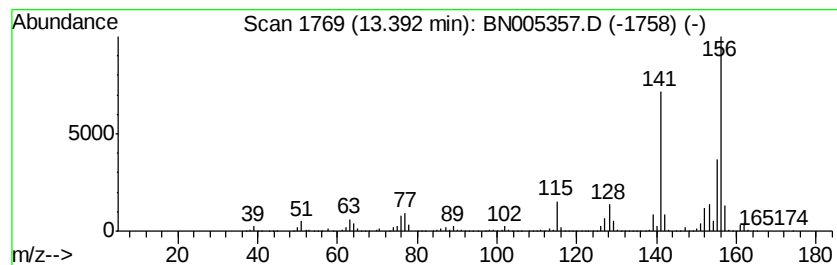
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	23.92 ng/ul	5077340	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
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Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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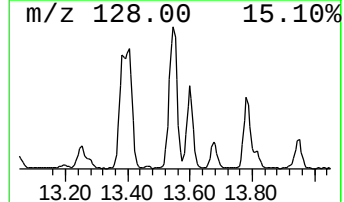
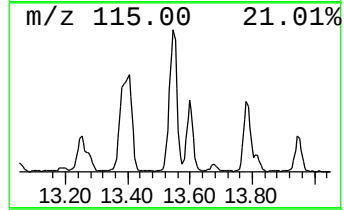
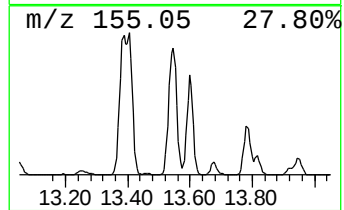
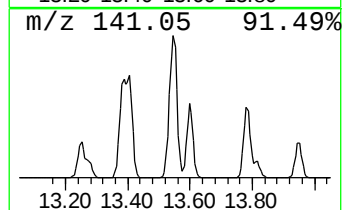
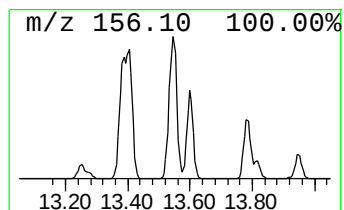
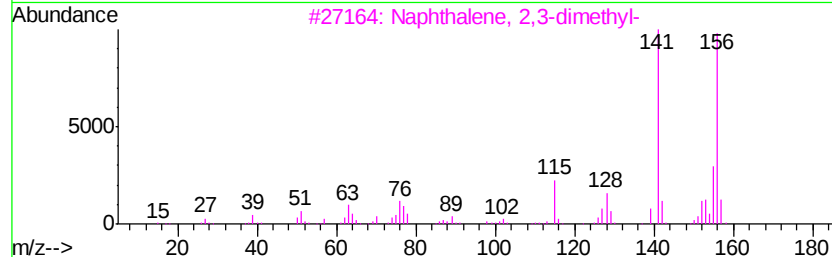
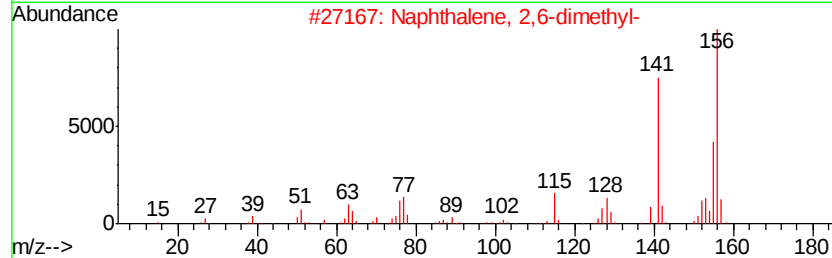
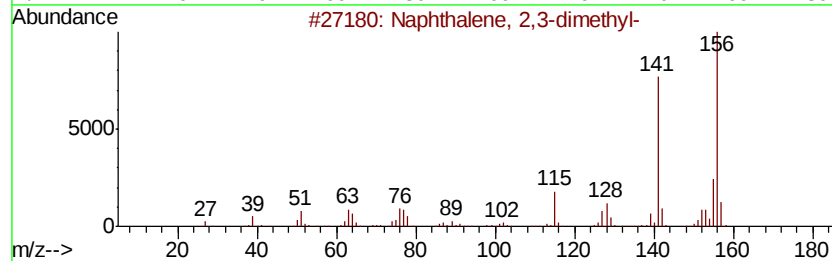
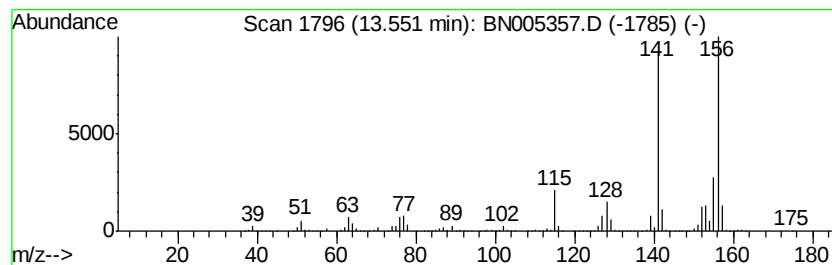
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	34.49 ng/ul	7321750	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

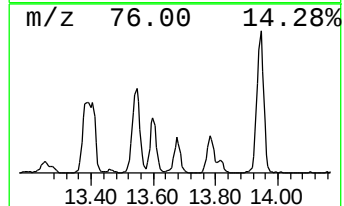
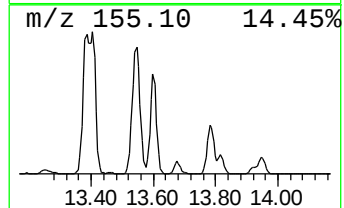
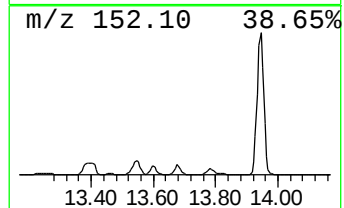
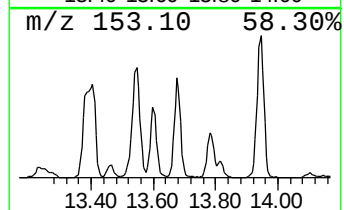
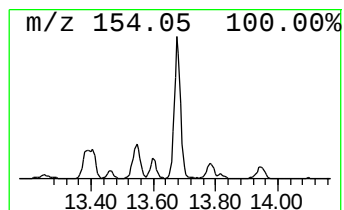
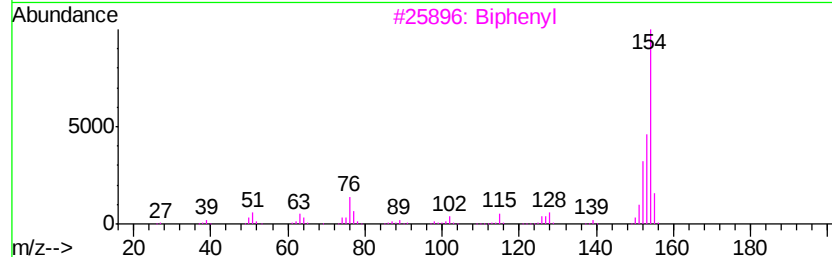
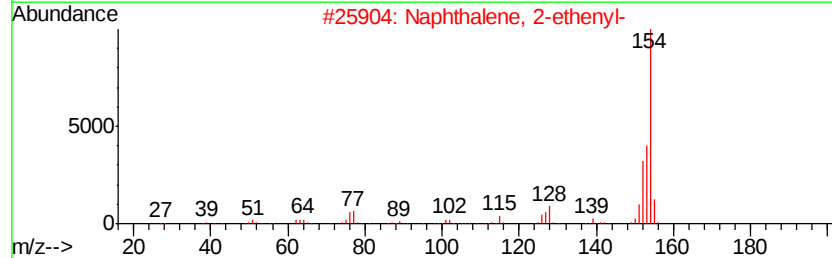
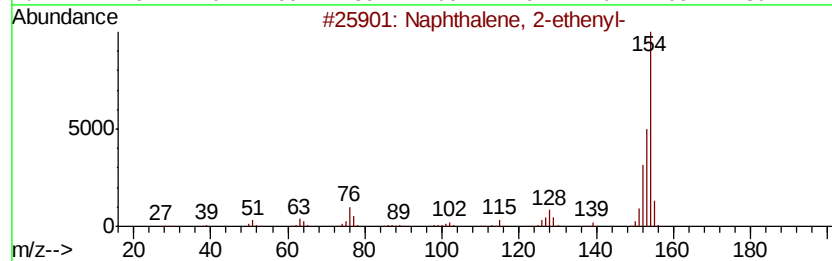
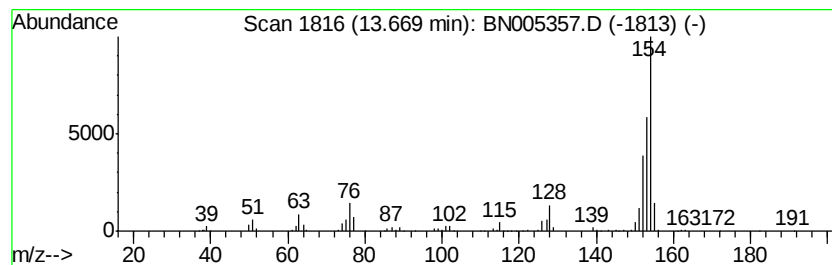
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2-ethenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.12 ng/ul	1086370	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	92
3			Biphenyl	154	C12H10	000092-52-4	81
4			Biphenyl	154	C12H10	000092-52-4	81
5			Acenaphthene	154	C12H10	000083-32-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

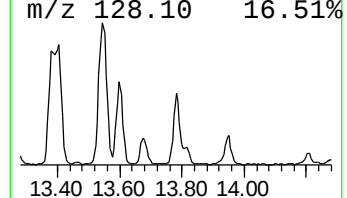
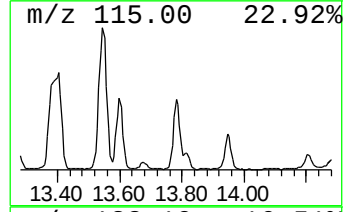
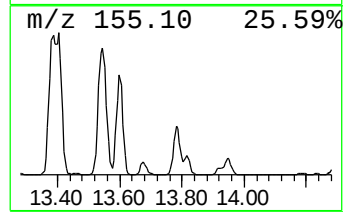
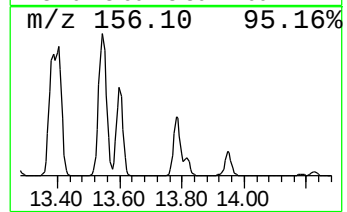
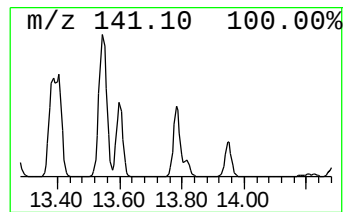
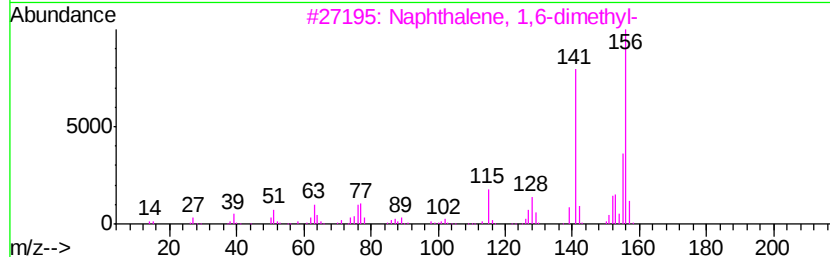
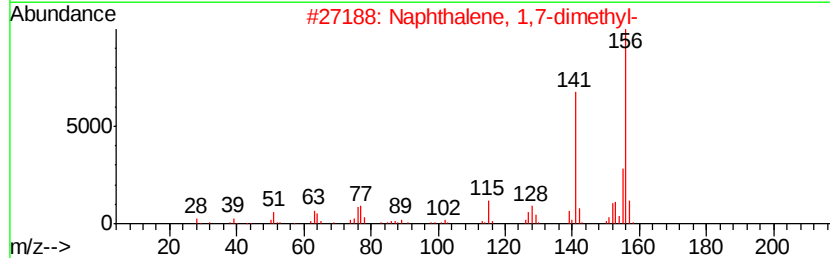
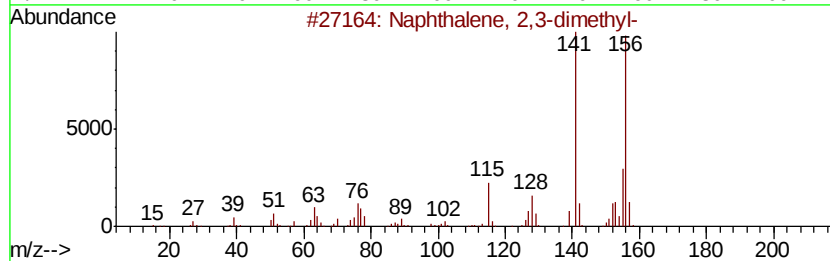
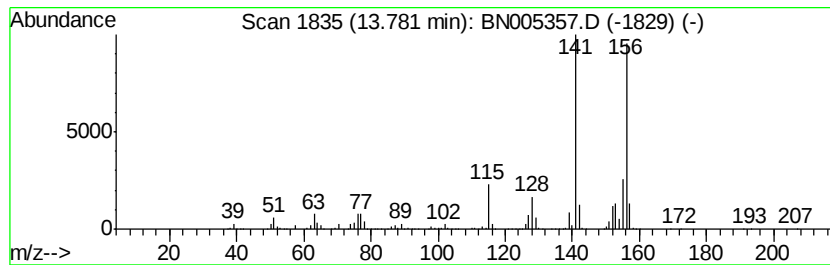
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	13.55 ng/ul	2876370	Acenaphthene-d10	14.23

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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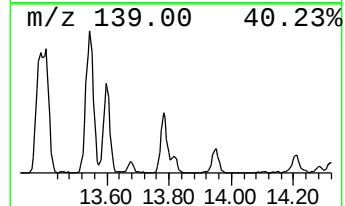
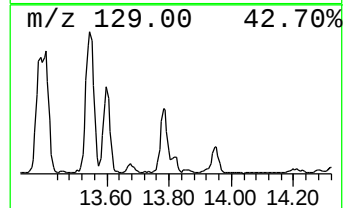
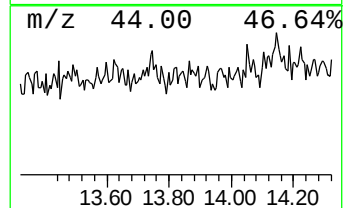
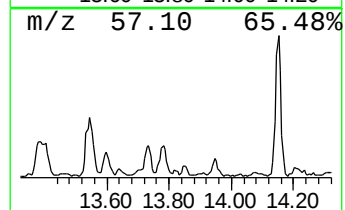
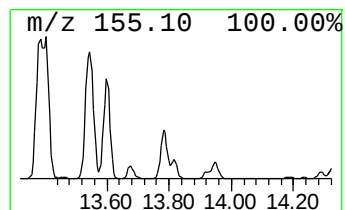
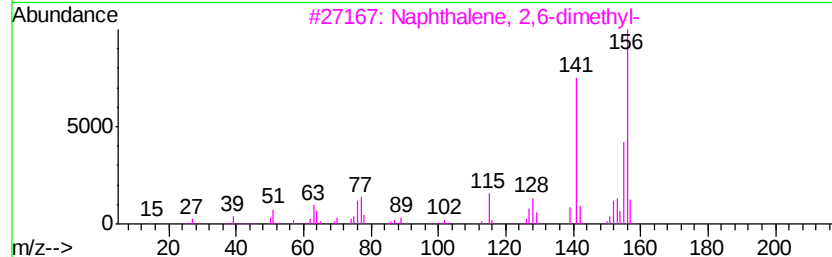
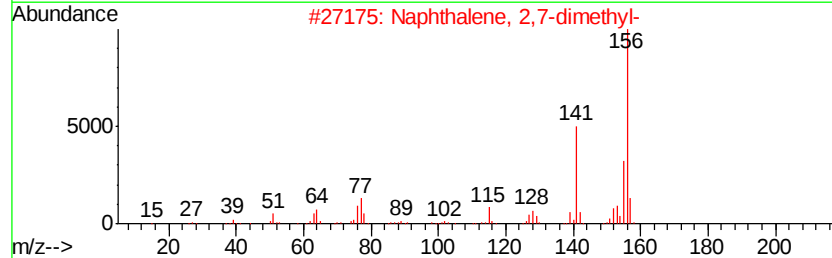
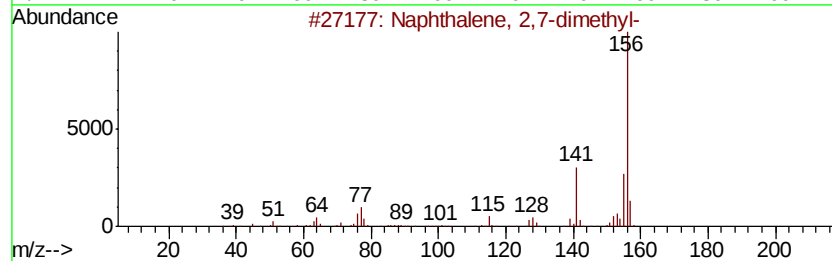
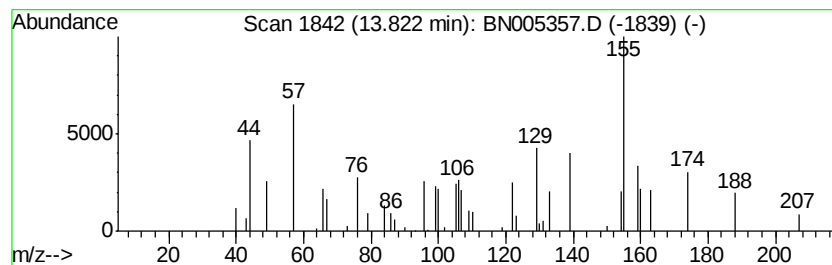
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.71 ng/ul	574592	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
4		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	64
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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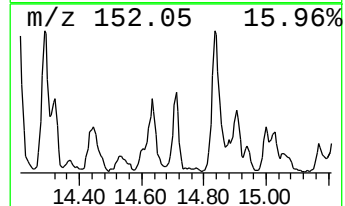
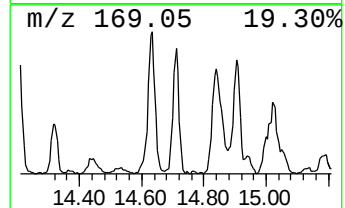
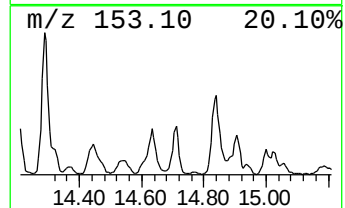
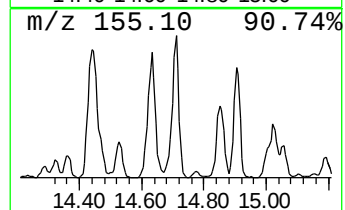
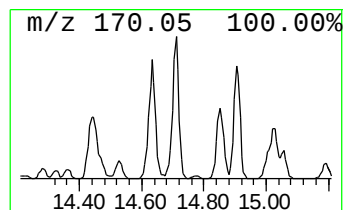
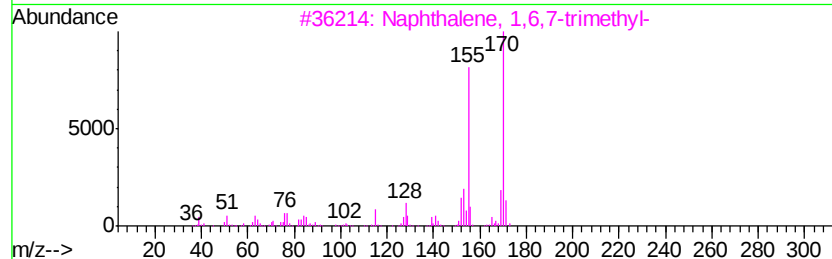
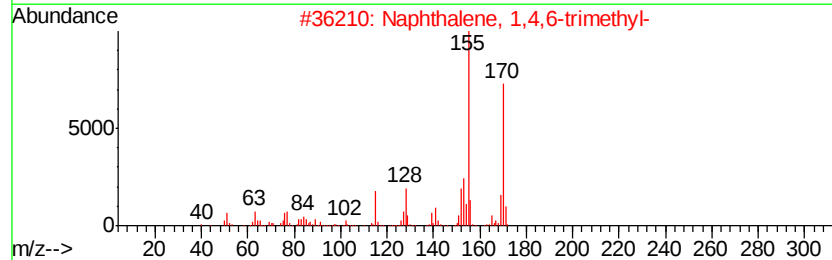
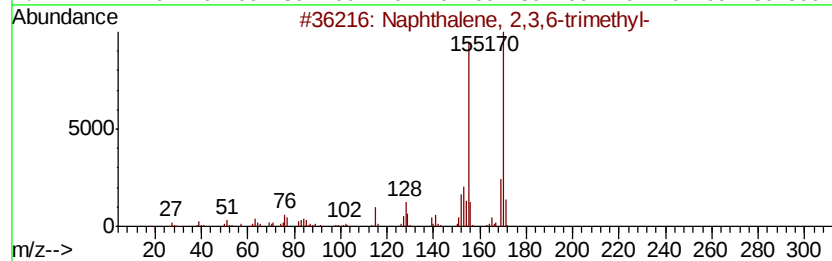
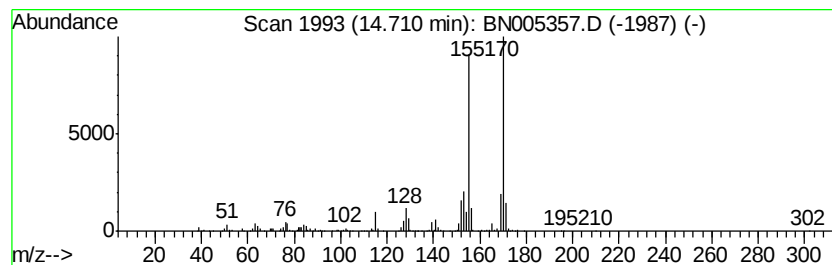
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.34 ng/ul	1132700	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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

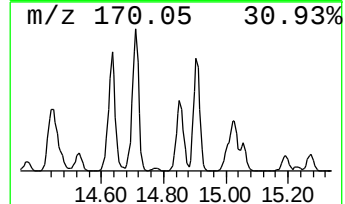
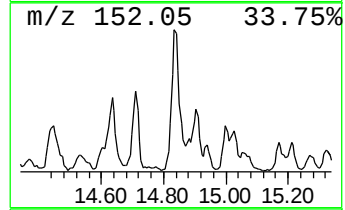
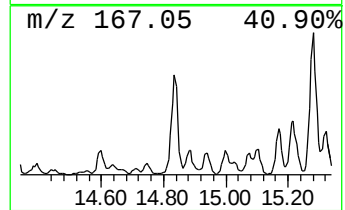
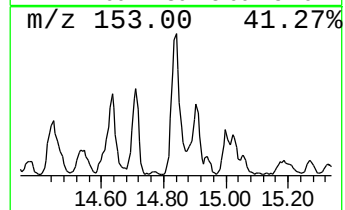
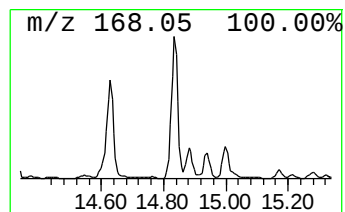
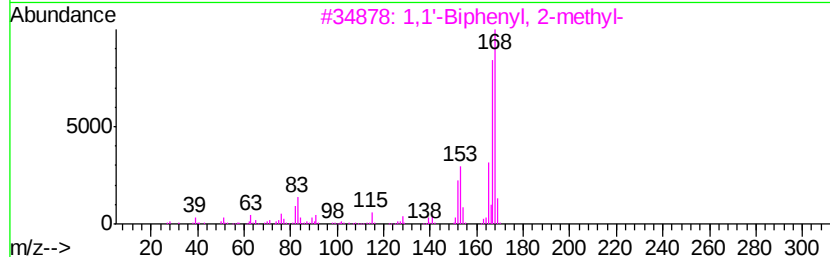
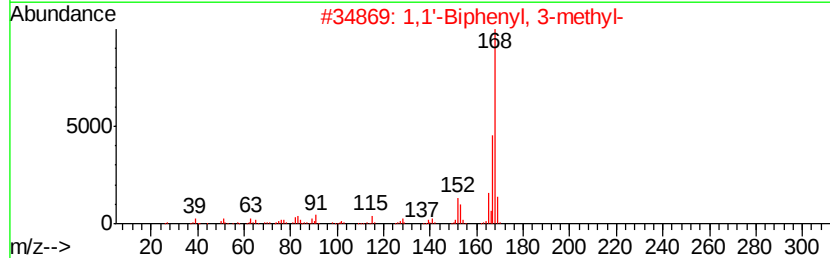
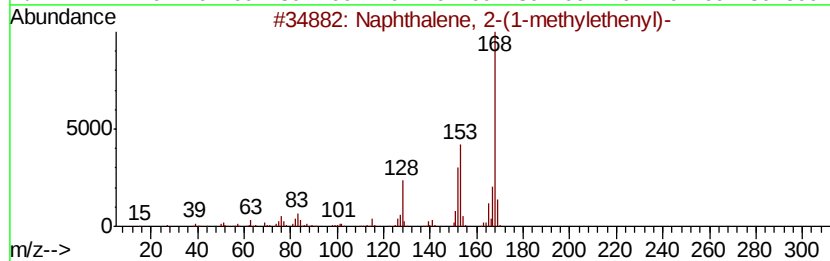
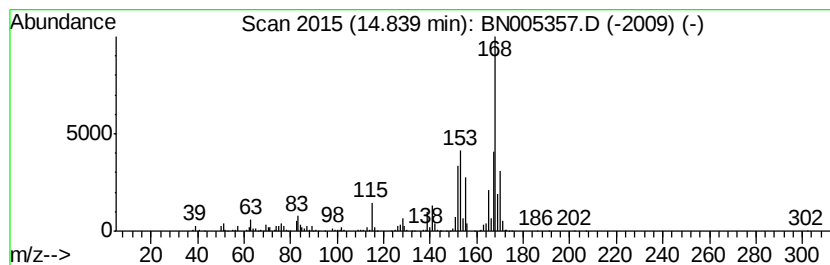
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	8.42 ng/ul	1787490	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	47
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	1-Pentanol, 5-(6-chloro-9H-9-pur...	240	C10H13ClN4O	064127-24-8	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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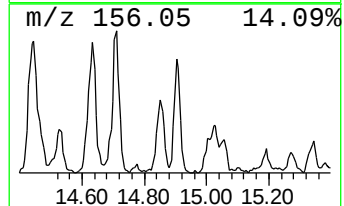
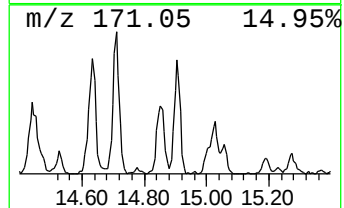
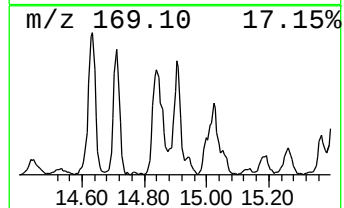
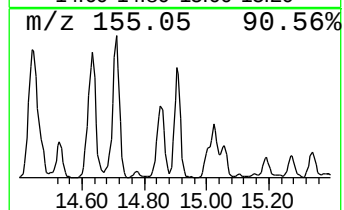
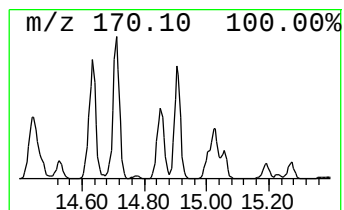
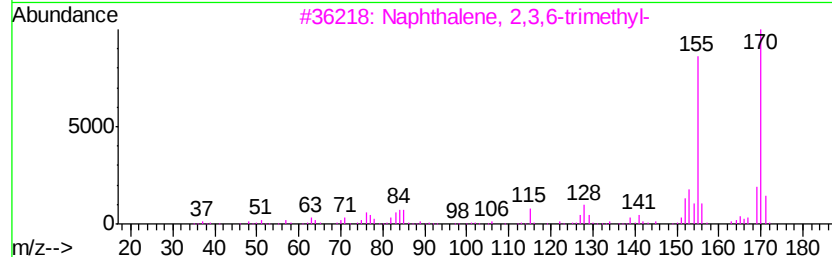
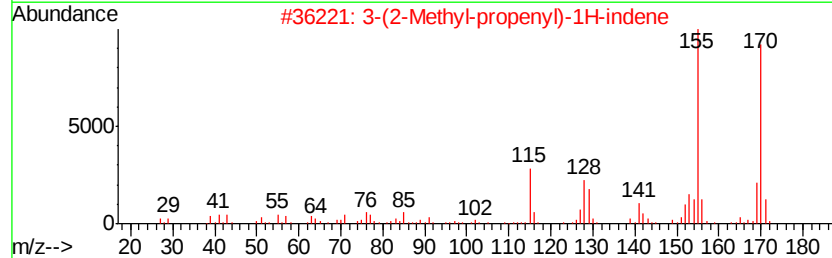
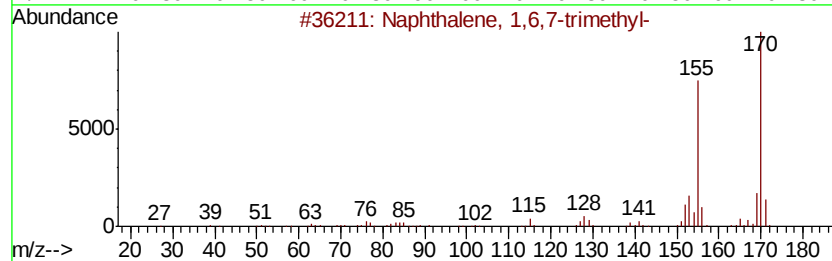
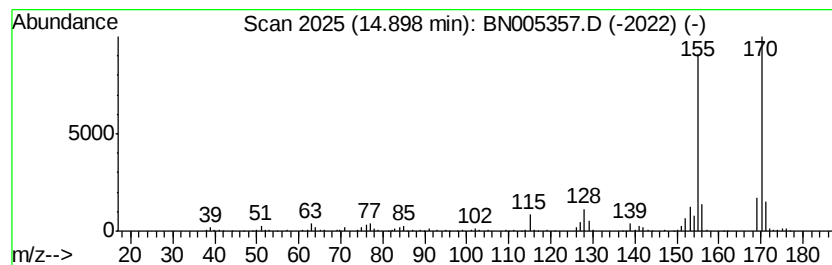
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.54 ng/ul	750996	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



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Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

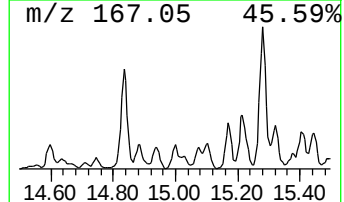
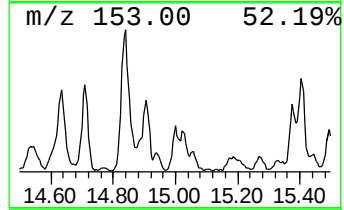
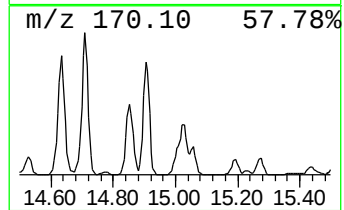
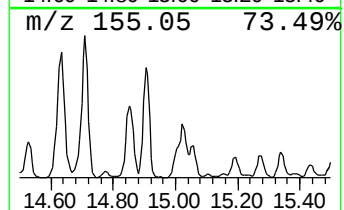
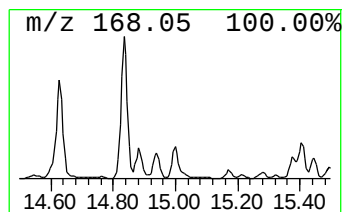
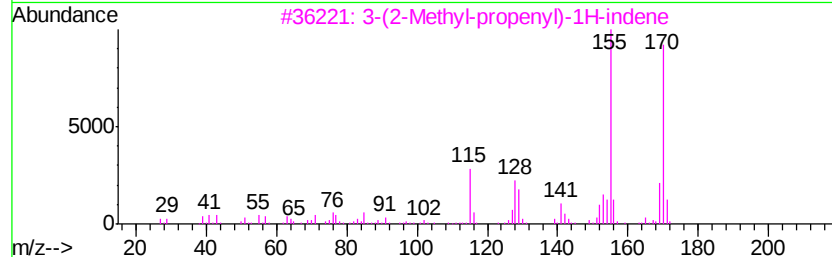
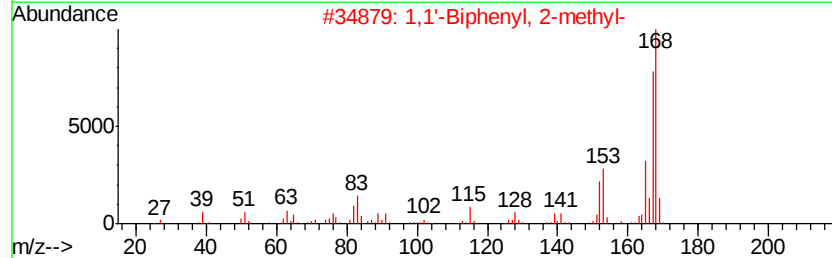
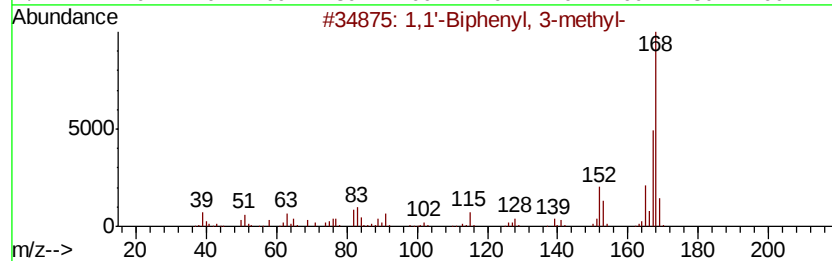
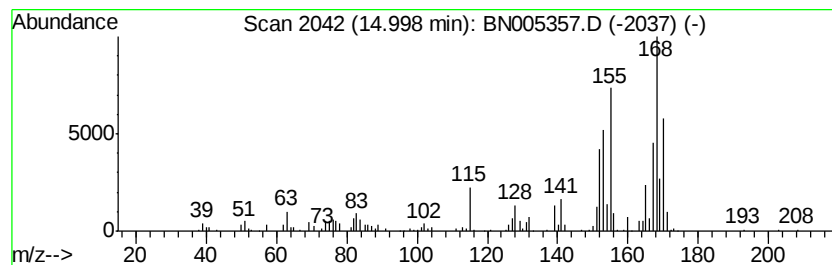
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 3-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.08 ng/ul	440941	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	42
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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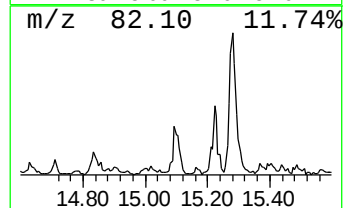
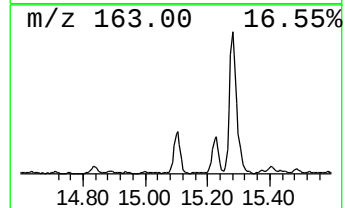
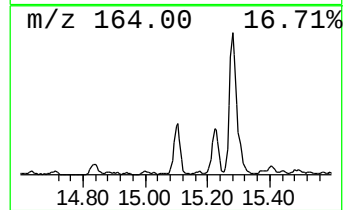
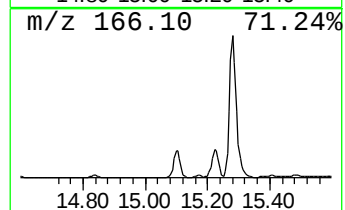
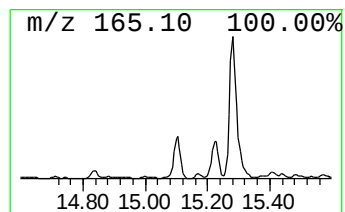
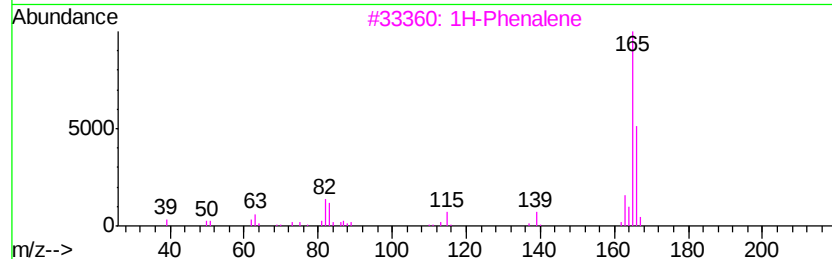
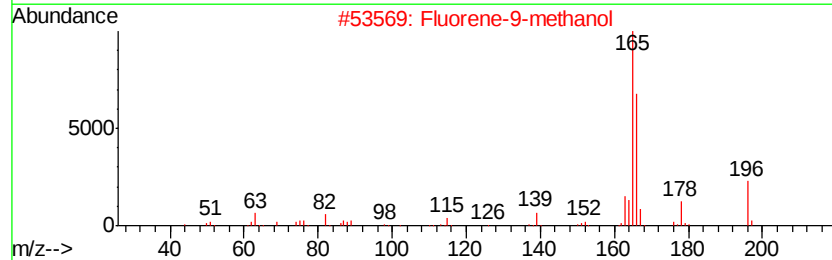
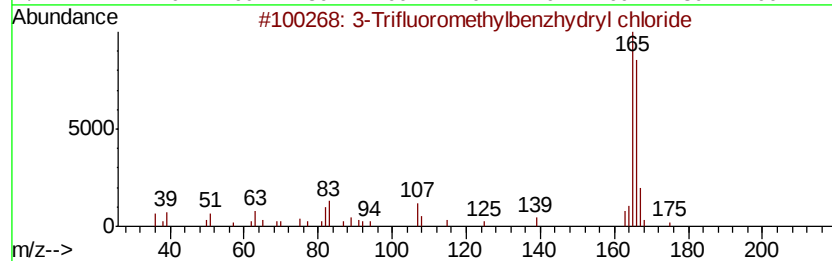
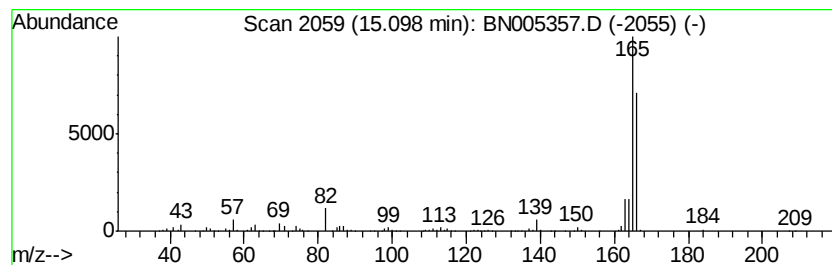
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 3-Trifluoromethylbenzhydryl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.59 ng/ul	973696	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	72
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	64
3		1H-Phenylene	166	C13H10	000203-80-5	64
4		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
5		Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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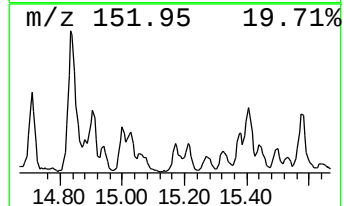
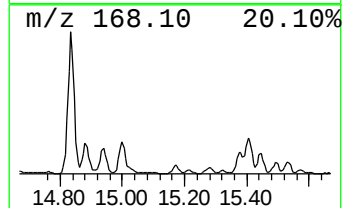
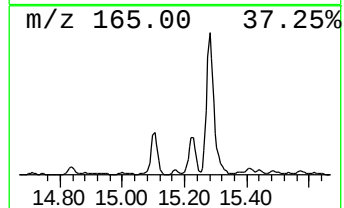
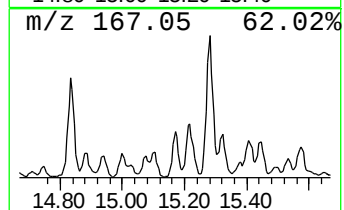
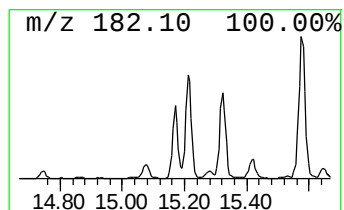
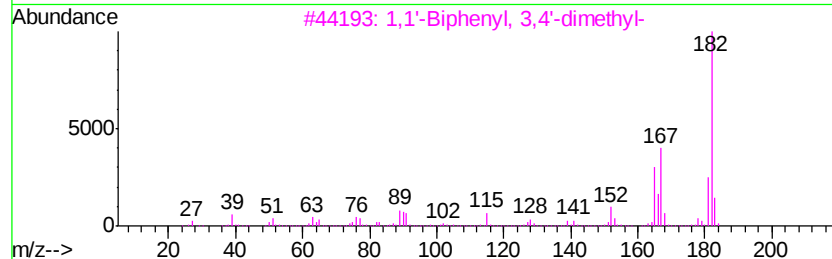
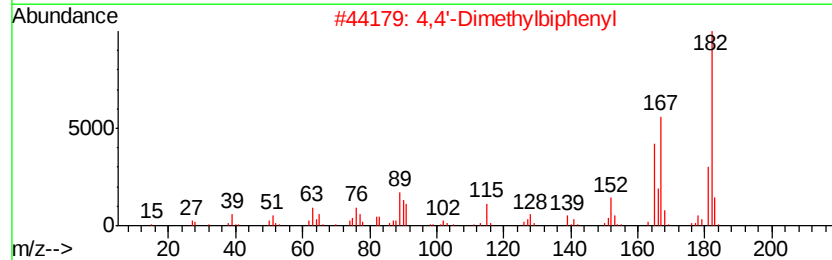
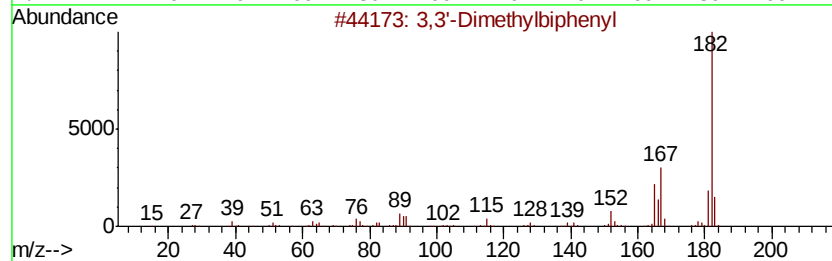
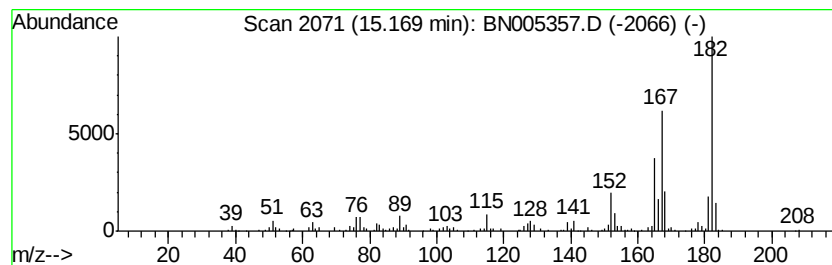
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 3,3'-Dimethylbiphenyl Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.05 ng/ul	434573	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	91
2		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
3		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	87
4		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	83
5		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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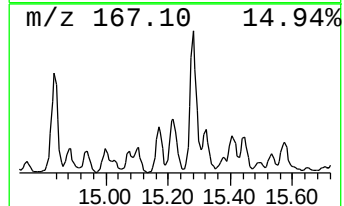
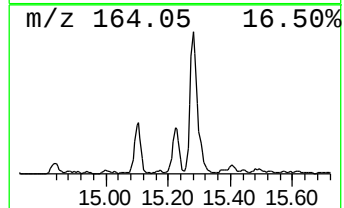
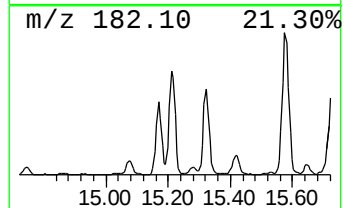
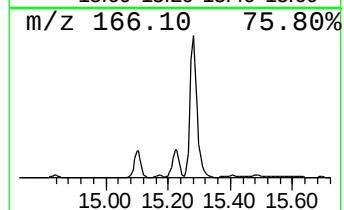
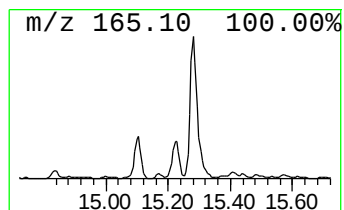
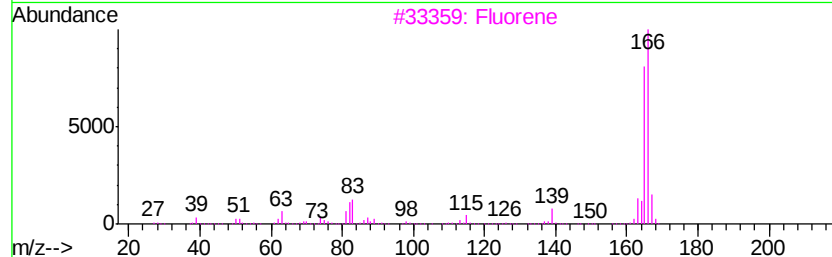
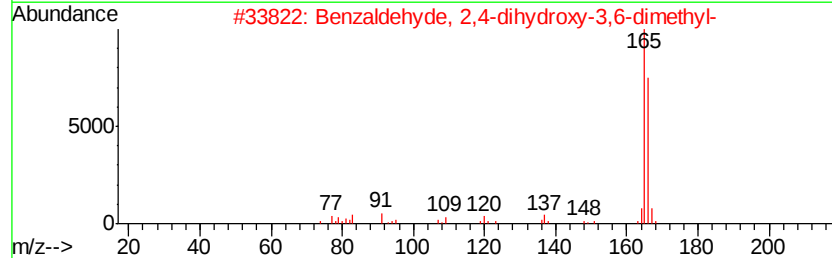
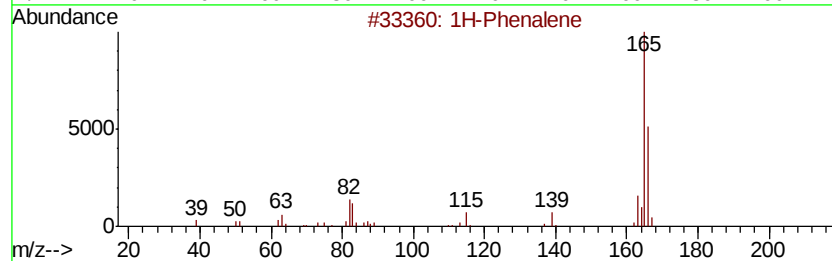
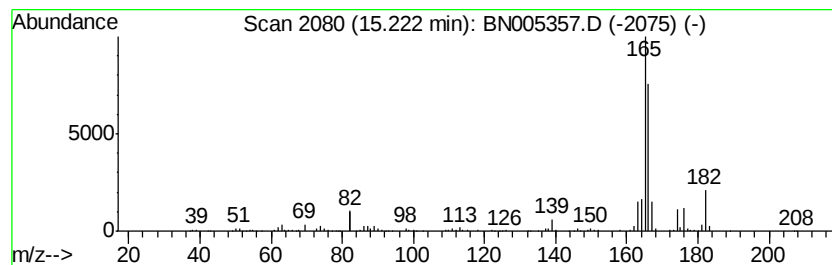
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1H-Phenalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.52 ng/ul	1171780	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	64
2			Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	58
3			Fluorene	166	C13H10	000086-73-7	53
4			Fluorene	166	C13H10	000086-73-7	49
5			Fluorene	166	C13H10	000086-73-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
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Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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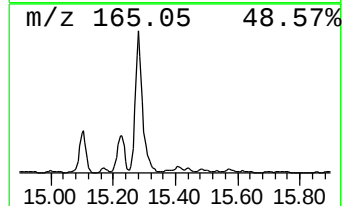
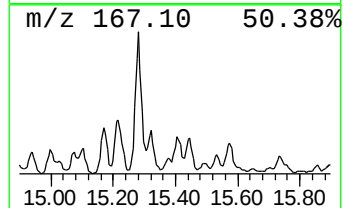
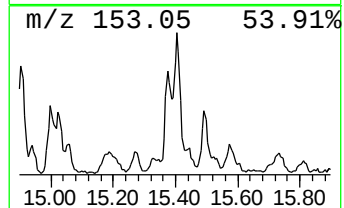
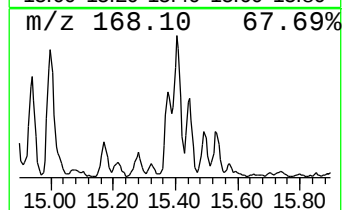
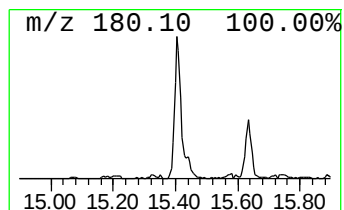
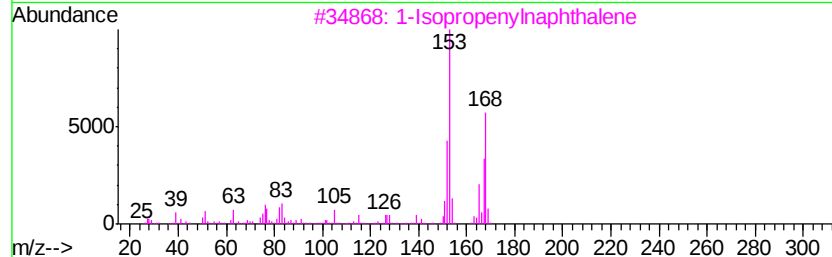
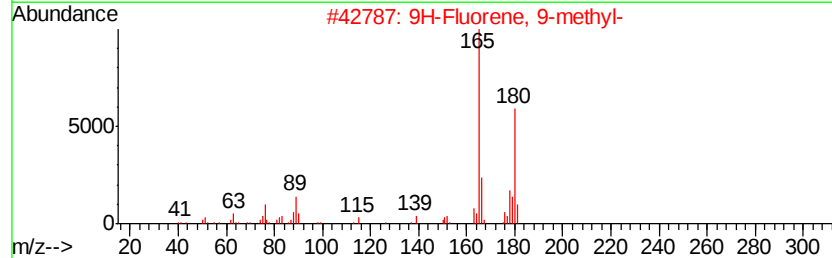
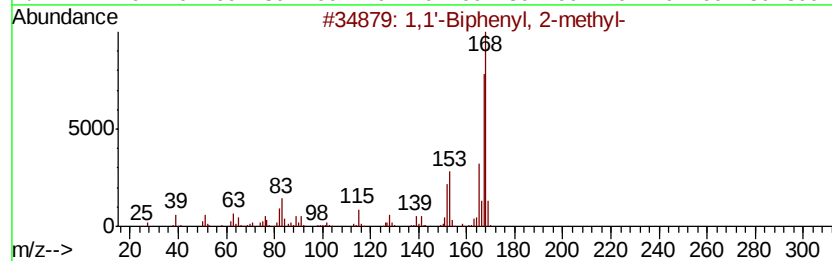
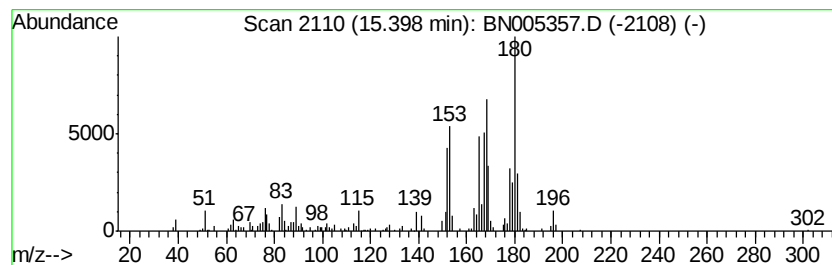
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.65 ng/ul	562404	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
3			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	38
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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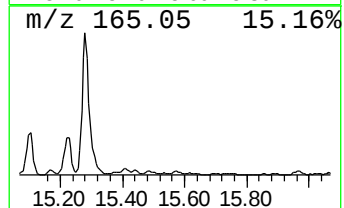
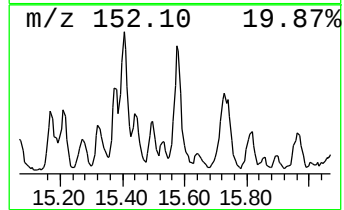
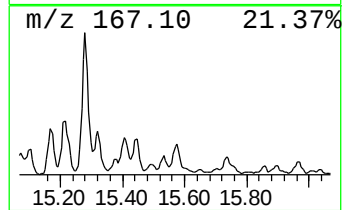
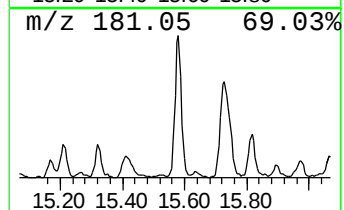
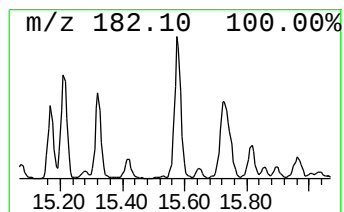
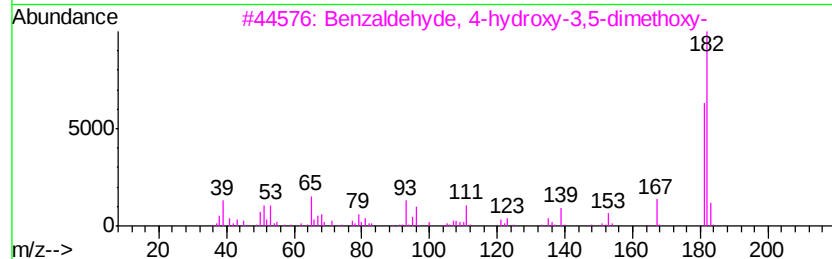
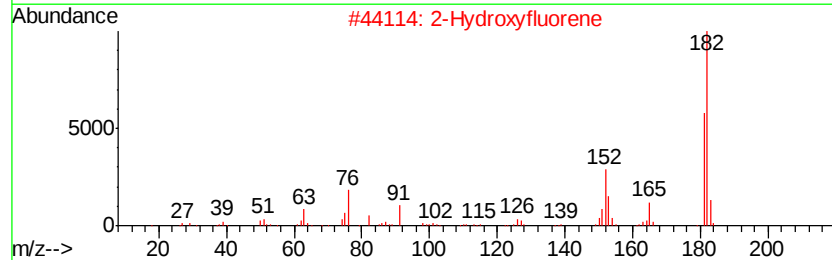
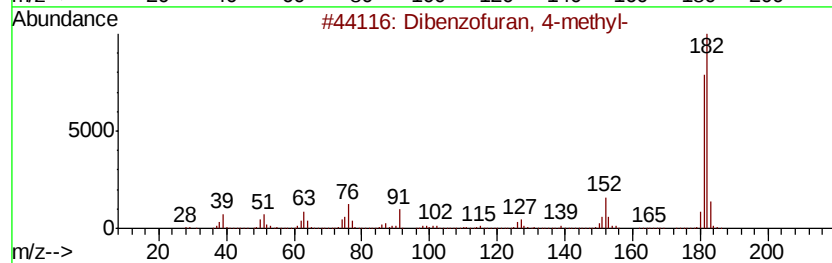
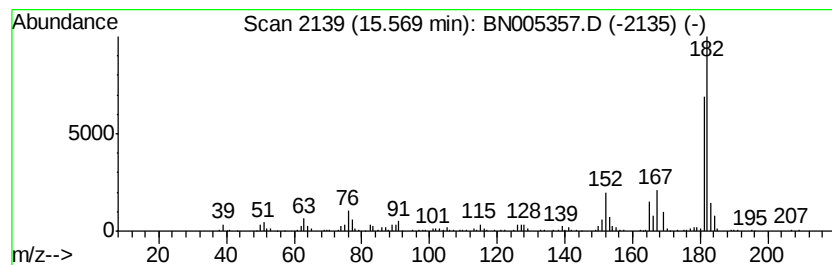
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.29 ng/ul	697638	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2			2-Hydroxyfluorene	182	C13H10O	002443-58-5	78
3			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
4			4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	64
5			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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ClientSampleId :
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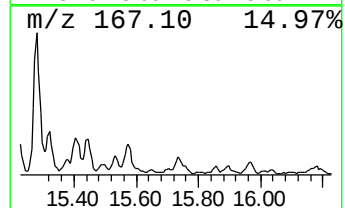
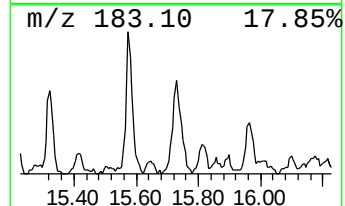
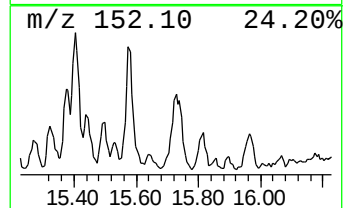
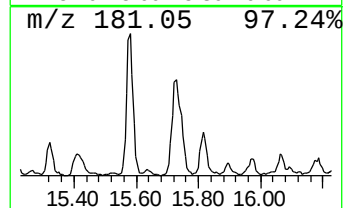
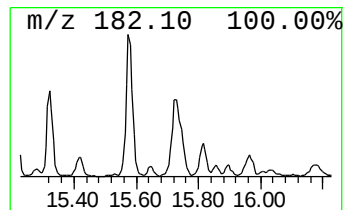
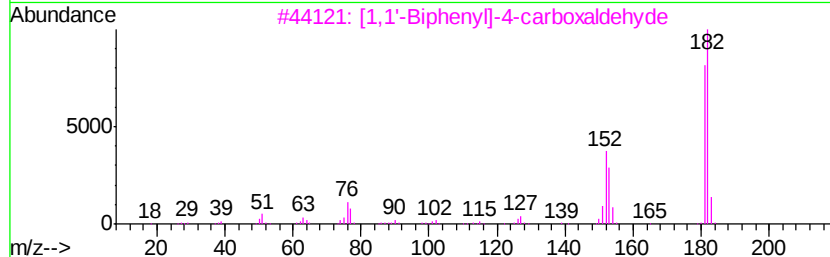
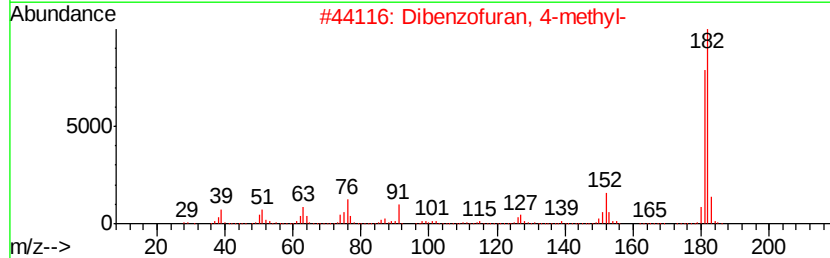
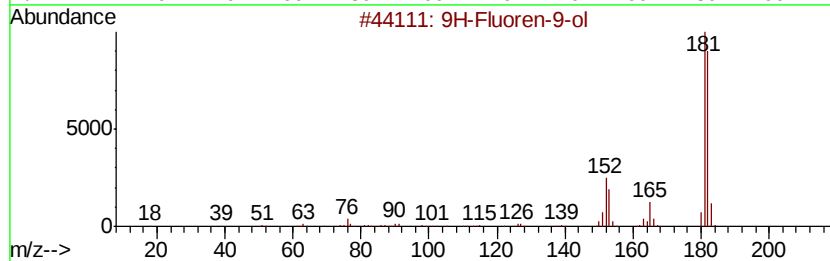
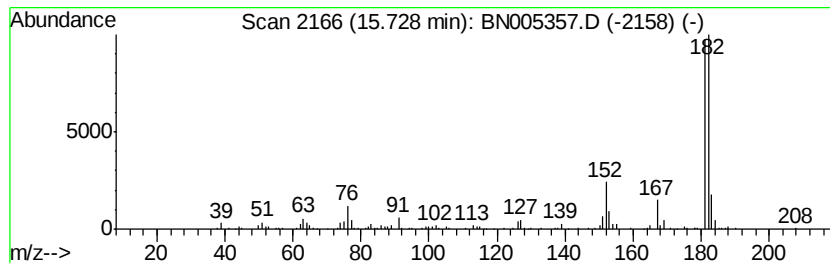
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluoren-9-ol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.74 ng/ul	660587	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

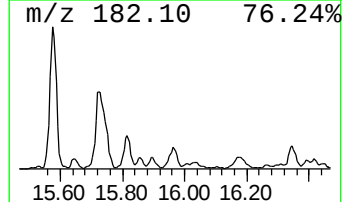
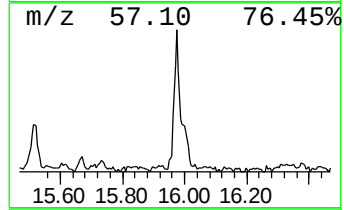
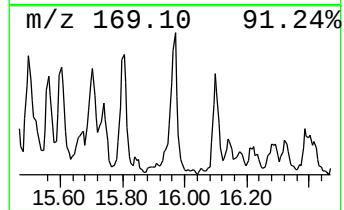
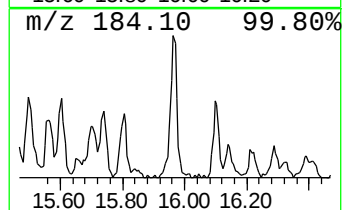
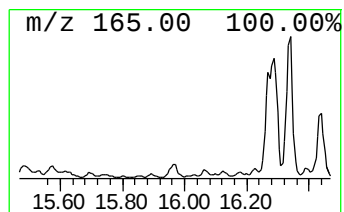
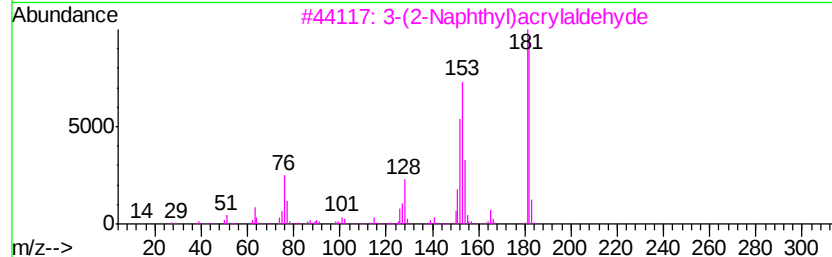
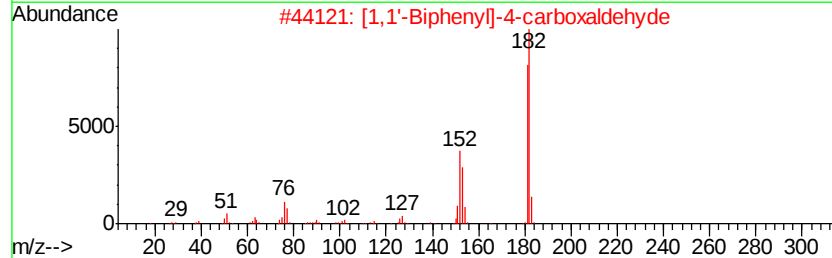
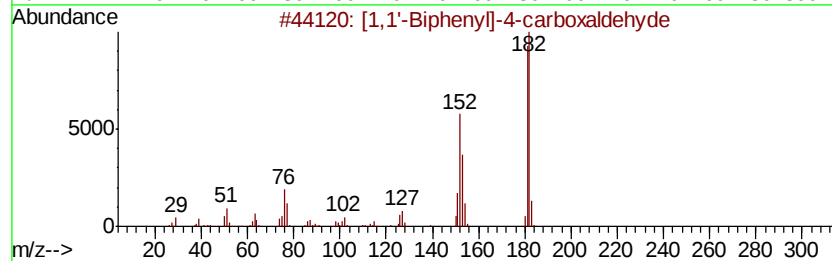
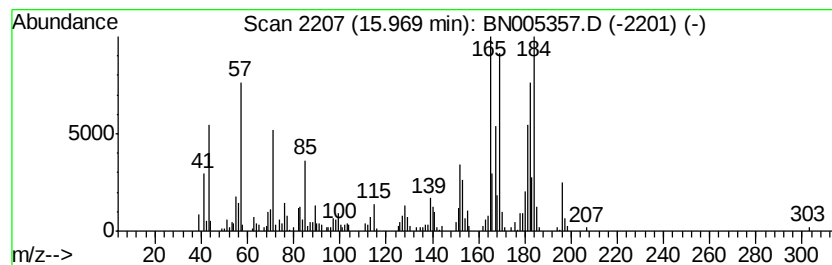
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ClientSampleId :
GAHW8DL

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 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.97	2.17 ng/ul	383275	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	44
4	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	43
5	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

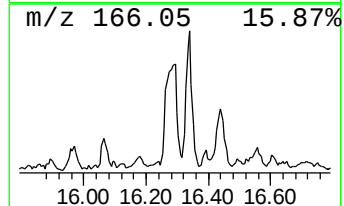
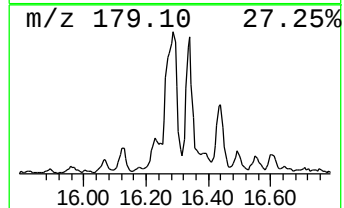
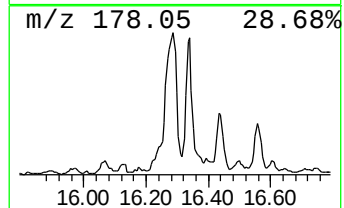
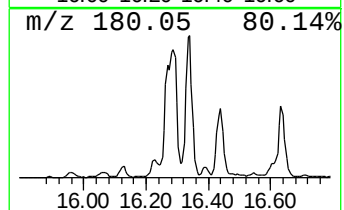
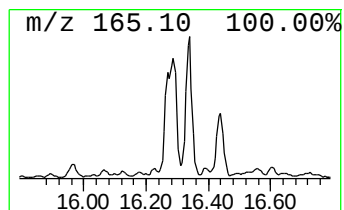
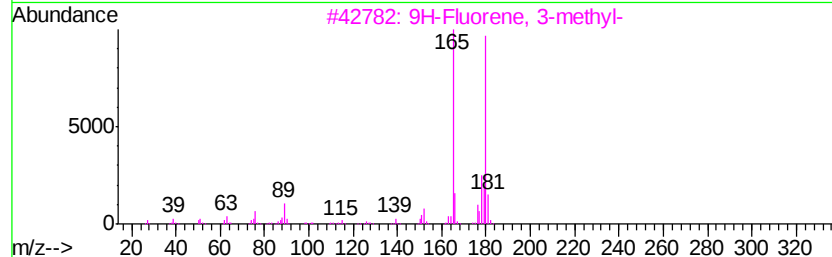
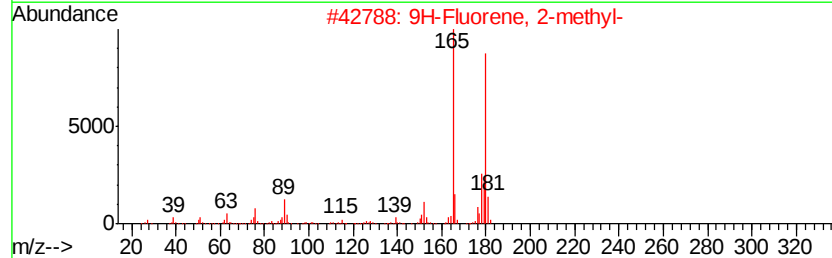
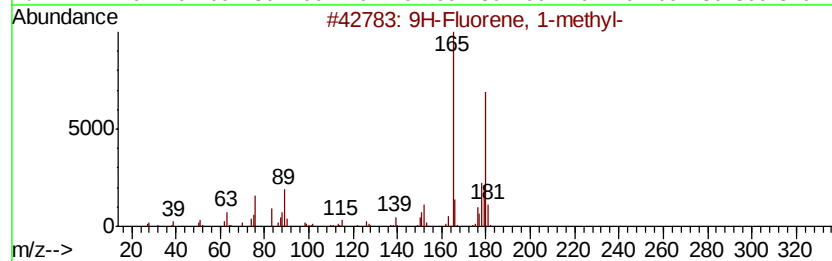
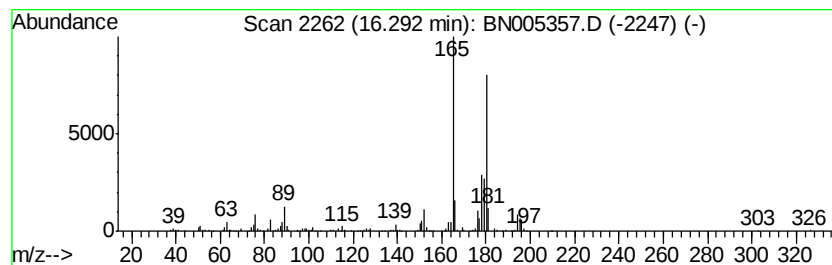
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	10.23 ng/ul	1806160	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, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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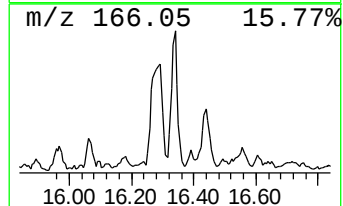
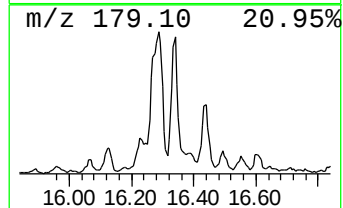
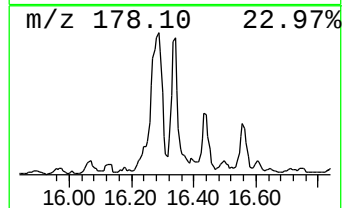
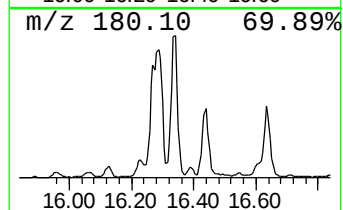
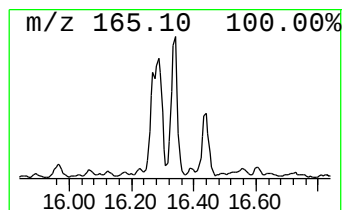
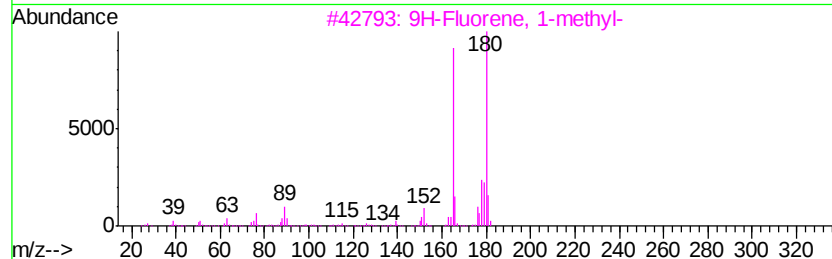
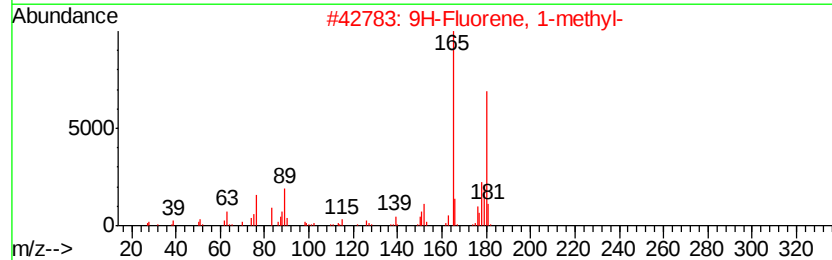
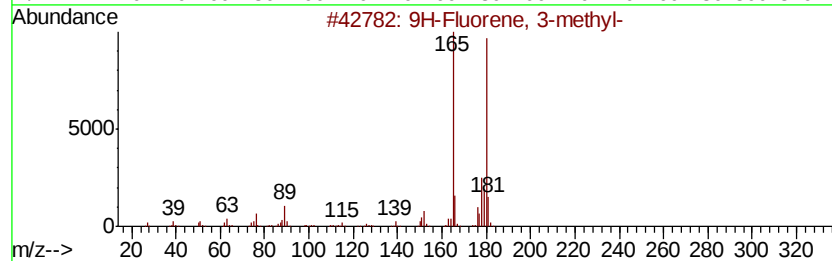
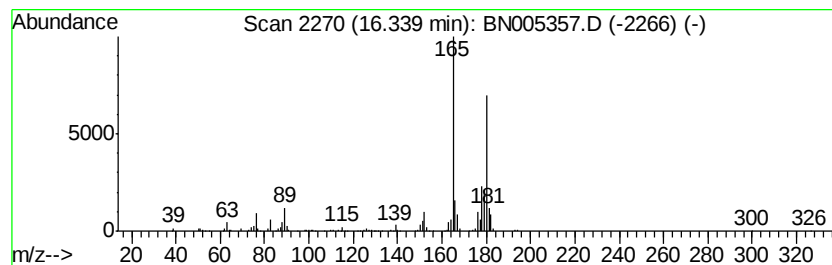
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 9H-Fluorene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	6.08 ng/ul	1074010	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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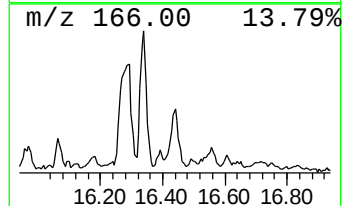
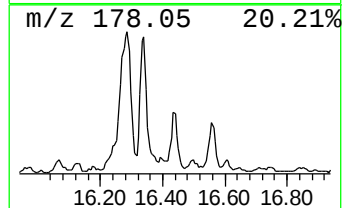
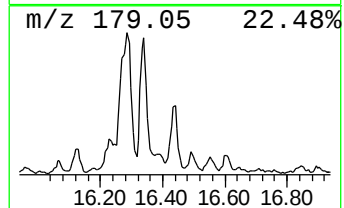
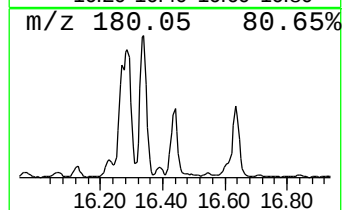
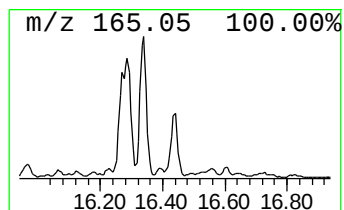
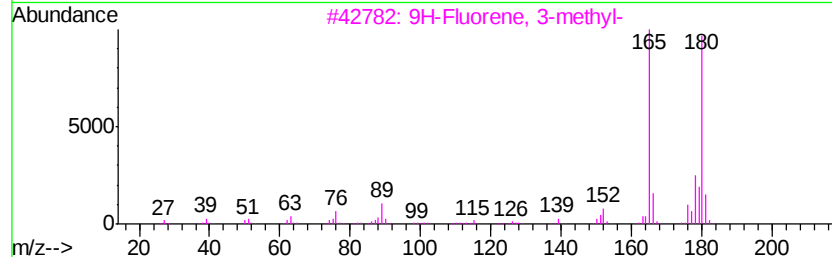
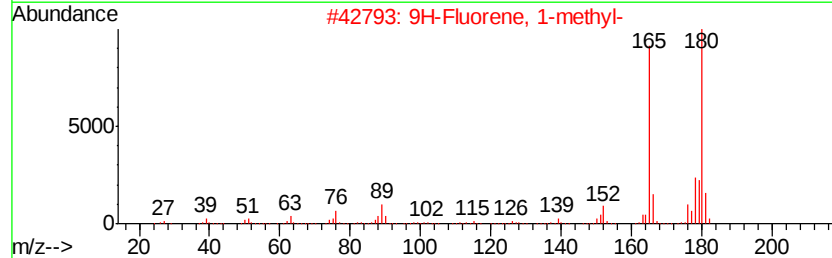
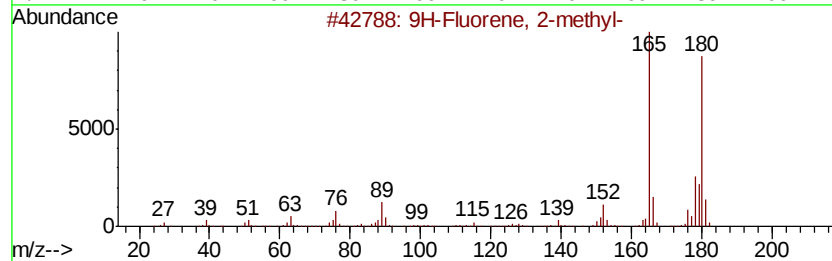
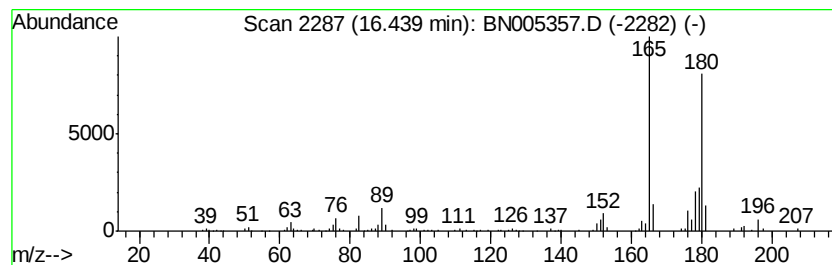
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 9H-Fluorene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.20 ng/ul	565741	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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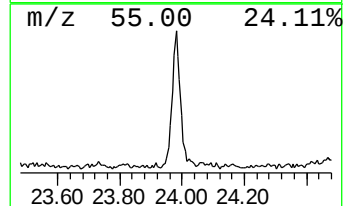
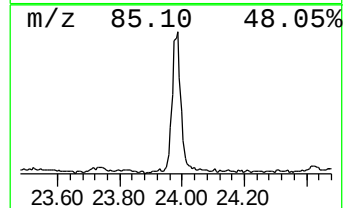
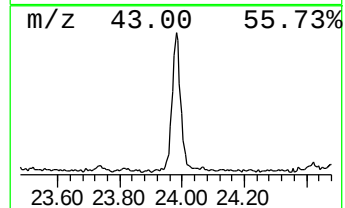
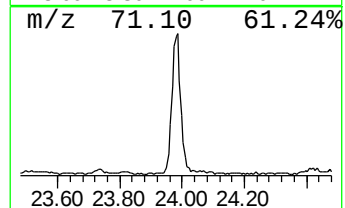
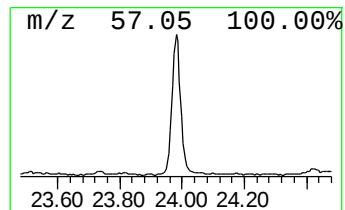
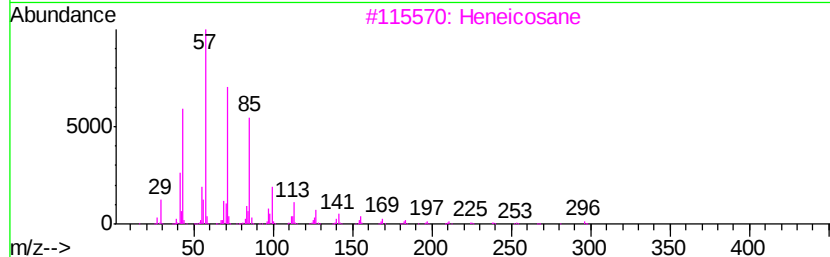
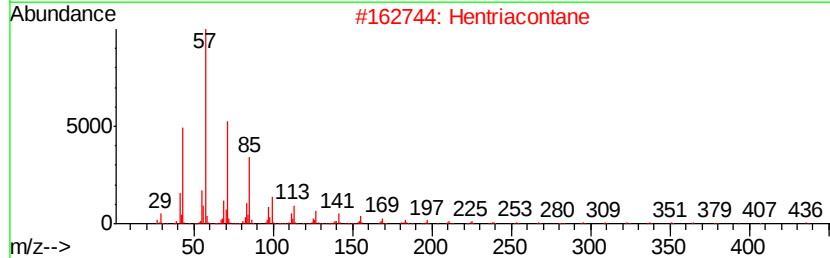
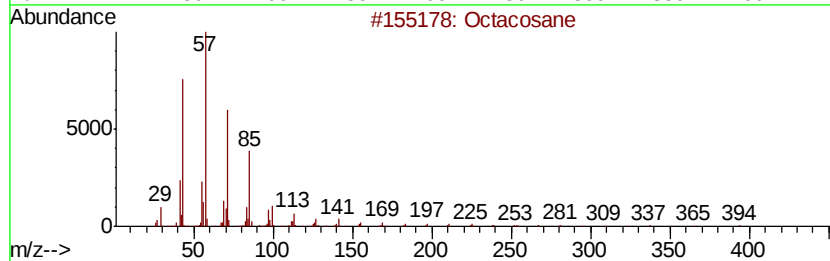
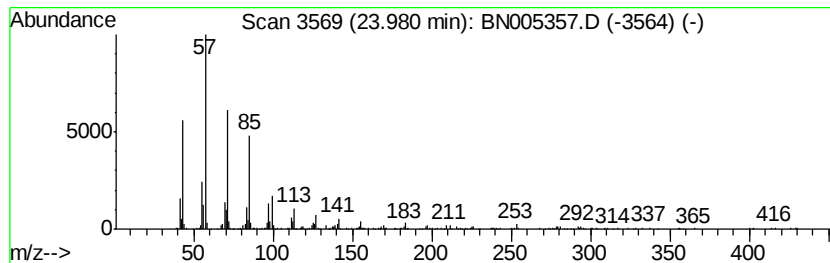
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.19 ng/ul	644455	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Hentriacontane	437	C31H64	000630-04-6	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005357.D
Acq On : 29 Apr 2019 18:35
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

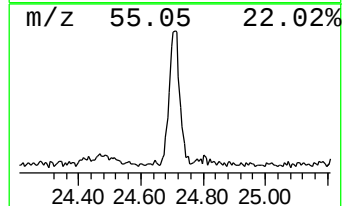
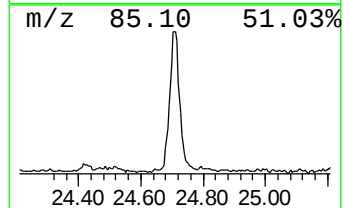
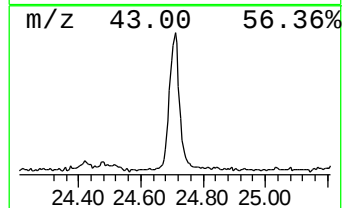
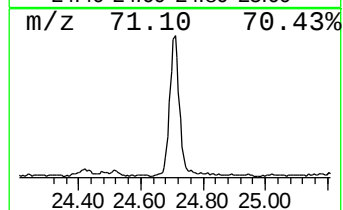
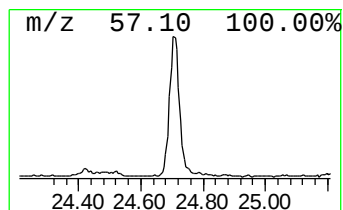
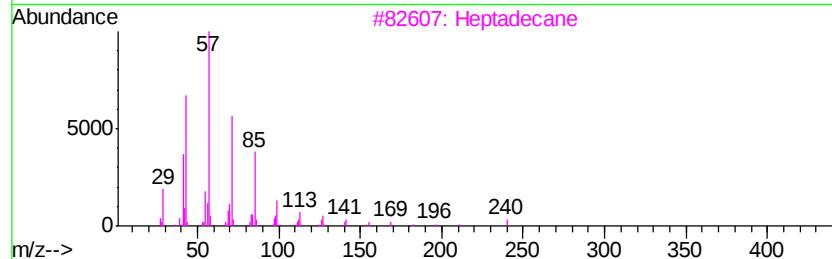
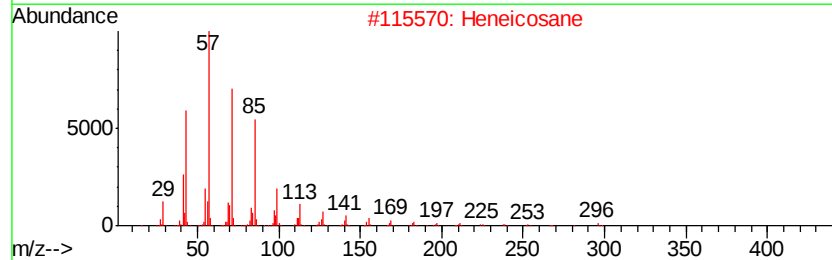
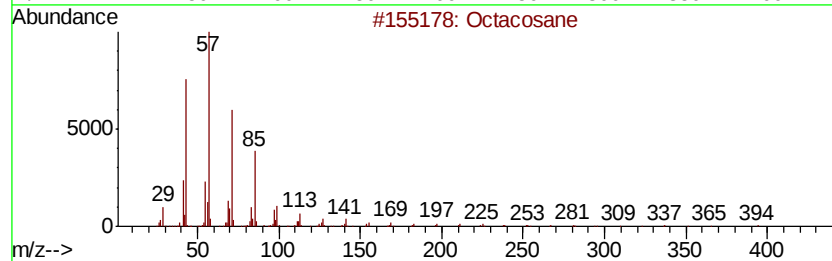
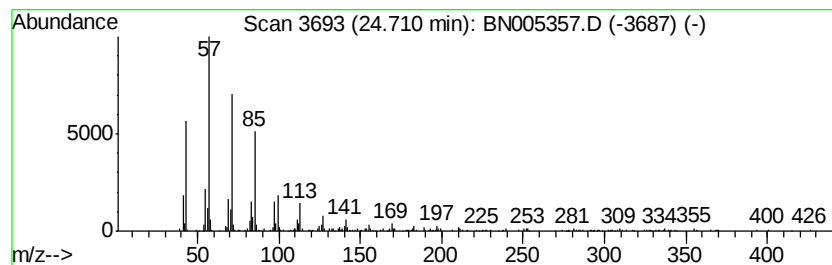
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	3.02 ng/ul	611513	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heptadecane	240	C17H36	000629-78-7	87
4			Heptacosane	380	C27H56	000593-49-7	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
 Data File : BN005357.D
 Acq On : 29 Apr 2019 18:35
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 15 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
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Benzene, 4-etheny...	8.85	3.4	ng/ul	257875	1	7.59	1530200	20.0
Benzene, 2-ethyl-...	9.77	3.4	ng/ul	402532	2	10.35	2372550	20.0
Benzene, 1-butyryl-	9.86	4.7	ng/ul	552478	2	10.35	2372550	20.0
(DEL) Alkane: Str...	11.80	4.8	ng/ul	571013	2	10.35	2372550	20.0
Benzo[b]thiophene...	11.91	2.1	ng/ul	248902	2	10.35	2372550	20.0
Naphthalene, 1-me...	12.25	106.1	ng/ul	12582500	2	10.35	2372550	20.0
Naphthalene, 1-et...	13.25	5.0	ng/ul	1068970	3	14.23	4245520	20.0
Naphthalene, 2,6-...	13.39	23.9	ng/ul	5077340	3	14.23	4245520	20.0
Naphthalene, 2,3-...	13.55	34.5	ng/ul	7321750	3	14.23	4245520	20.0
Naphthalene, 2-et...	13.67	5.1	ng/ul	1086370	3	14.23	4245520	20.0
Naphthalene, 1,7-...	13.78	13.6	ng/ul	2876370	3	14.23	4245520	20.0
Naphthalene, 2,7-...	13.82	2.7	ng/ul	574592	3	14.23	4245520	20.0
Naphthalene, 2,3,...	14.71	5.3	ng/ul	1132700	3	14.23	4245520	20.0
Naphthalene, 2-(1...	14.84	8.4	ng/ul	1787490	3	14.23	4245520	20.0
Naphthalene, 1,6,...	14.90	3.5	ng/ul	750996	3	14.23	4245520	20.0
1,1'-Biphenyl, 3-...	15.00	2.1	ng/ul	440941	3	14.23	4245520	20.0
3-Trifluoromethyl...	15.10	4.6	ng/ul	973696	3	14.23	4245520	20.0
3,3'-Dimethylbiph...	15.17	2.0	ng/ul	434573	3	14.23	4245520	20.0
1H-Phenylene	15.22	5.5	ng/ul	1171780	3	14.23	4245520	20.0
unknown-01	15.40	2.6	ng/ul	562404	3	14.23	4245520	20.0
Dibenzofuran, 4-m...	15.57	3.3	ng/ul	697638	3	14.23	4245520	20.0
9H-Fluorene-9-ol	15.73	3.7	ng/ul	660587	4	16.98	3530870	20.0
[1,1'-Biphenyl]-4...	15.97	2.2	ng/ul	383275	4	16.98	3530870	20.0
9H-Fluorene, 1-me...	16.29	10.2	ng/ul	1806160	4	16.98	3530870	20.0
9H-Fluorene, 3-me...	16.34	6.1	ng/ul	1074010	4	16.98	3530870	20.0
9H-Fluorene, 2-me...	16.44	3.2	ng/ul	565741	4	16.98	3530870	20.0
(DEL) Alkane: Str...	23.98	3.2	ng/ul	644455	6	23.42	4043440	20.0
(DEL) Alkane: Str...	24.71	3.0	ng/ul	611513	6	23.42	4043440	20.0