

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020430.D
 Acq On : 20 May 2019 15:22
 Operator : JU/SJ
 Sample : K2633-13ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJA5ME

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_M\METHODS\SOM-EPA-BM051619MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.905	657	666	670	rVV2	149909	297462	2.05%	0.358%
2	6.946	670	673	680	rVB	72049	110279	0.76%	0.133%
3	7.081	691	696	706	rBV2	111940	217609	1.50%	0.262%
4	7.269	722	728	735	rBV	170318	279801	1.93%	0.337%
5	7.375	740	746	757	rVB2	209247	360872	2.49%	0.434%
6	7.740	801	808	816	rBV	247817	417440	2.88%	0.502%
7	7.840	820	825	832	rVB	73872	117179	0.81%	0.141%
8	8.263	891	897	906	rVV	703623	1168635	8.07%	1.406%
9	8.440	921	927	939	rBV	174286	308130	2.13%	0.371%
10	8.904	1000	1006	1016	rVV	154405	305016	2.11%	0.367%
11	9.622	1122	1128	1140	rVB2	121897	224274	1.55%	0.270%
12	9.951	1173	1184	1191	rBV4	142891	396151	2.74%	0.476%
13	10.022	1191	1196	1201	rBV	130400	268805	1.86%	0.323%
14	10.151	1212	1218	1226	rBV	196671	337502	2.33%	0.406%
15	10.534	1276	1283	1286	rVV	299107	561964	3.88%	0.676%
16	10.593	1286	1293	1301	rVV	8450670	14481293	100.00%	17.417%
17	10.687	1302	1309	1324	rVB3	159267	476348	3.29%	0.573%
18	12.198	1558	1566	1578	rBV	3065394	4742346	32.75%	5.704%
19	12.422	1593	1604	1614	rBV	1835743	2851931	19.69%	3.430%
20	13.216	1726	1739	1747	rBV	531184	848258	5.86%	1.020%
21	13.410	1758	1772	1786	rVB	241977	505580	3.49%	0.608%
22	13.545	1788	1795	1796	rBV	328910	459400	3.17%	0.553%
23	13.704	1814	1822	1827	rBV	614300	1107903	7.65%	1.332%
24	13.757	1827	1831	1835	rVV	395290	600477	4.15%	0.722%
25	13.798	1835	1838	1842	rVV	382869	507945	3.51%	0.611%
26	13.845	1842	1846	1852	rVB	177235	247815	1.71%	0.298%
27	13.939	1857	1862	1866	rBV	290357	444290	3.07%	0.534%
28	13.975	1866	1868	1879	rVB2	90355	116373	0.80%	0.140%
29	14.086	1879	1887	1888	rBV	391712	566246	3.91%	0.681%
30	14.110	1888	1891	1903	rVB	650831	979373	6.76%	1.178%
31	14.363	1926	1934	1935	rBV	226953	311828	2.15%	0.375%
32	14.386	1935	1938	1944	rVB2	438442	664837	4.59%	0.800%
33	14.451	1944	1949	1957	rVB2	183748	384896	2.66%	0.463%
34	14.610	1968	1976	1983	rBV4	85240	216116	1.49%	0.260%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Title : SVOA CALIBRATION

35	14.786	1995	2006	2013	rVV2	256786	463190	3.20%	0.557%
36	14.863	2013	2019	2027	rVB	131436	195961	1.35%	0.236%
37	14.998	2032	2042	2047	rBV2	136615	281071	1.94%	0.338%
38	15.057	2047	2052	2056	rVB	98497	126207	0.87%	0.152%
39	15.175	2063	2072	2075	rBV3	70221	169738	1.17%	0.204%
40	15.263	2082	2087	2092	rVB	105198	132514	0.92%	0.159%
41	15.386	2099	2108	2112	rBV	577267	804886	5.56%	0.968%
42	15.445	2112	2118	2128	rVB	1233735	1902386	13.14%	2.288%
43	15.533	2128	2133	2135	rBV2	79925	109843	0.76%	0.132%
44	15.733	2161	2167	2172	rBV2	90999	148954	1.03%	0.179%
45	15.857	2181	2188	2190	rBV	114578	185828	1.28%	0.223%
46	16.110	2222	2231	2236	rBV4	54918	107683	0.74%	0.130%
47	16.445	2274	2288	2293	rBV2	232769	531681	3.67%	0.639%
48	16.492	2293	2296	2301	rVV	158476	223806	1.55%	0.269%
49	16.592	2308	2313	2318	rVV	147828	217680	1.50%	0.262%
50	16.716	2330	2334	2340	rVV3	63276	132996	0.92%	0.160%
51	16.804	2344	2349	2355	rVV3	66072	120467	0.83%	0.145%
52	16.963	2371	2376	2392	rVB	397603	597119	4.12%	0.718%
53	17.145	2399	2407	2410	rBV	577442	866059	5.98%	1.042%
54	17.192	2410	2415	2420	rVV	5279708	7113292	49.12%	8.555%
55	17.245	2420	2424	2426	rVV	516016	698835	4.83%	0.840%
56	17.280	2426	2430	2435	rVB	1124470	1536204	10.61%	1.848%
57	17.657	2490	2494	2500	rVV	135198	190419	1.31%	0.229%
58	17.722	2500	2505	2512	rVB2	200737	313434	2.16%	0.377%
59	17.863	2521	2529	2537	rVB	110956	233478	1.61%	0.281%
60	18.016	2550	2555	2559	rBV	812813	1096118	7.57%	1.318%
61	18.069	2559	2564	2570	rVB	788239	1137331	7.85%	1.368%
62	18.151	2572	2578	2582	rBV	288043	403992	2.79%	0.486%
63	18.216	2582	2589	2593	rBV2	1007759	1891564	13.06%	2.275%
64	18.251	2593	2595	2601	rVB	486023	571422	3.95%	0.687%
65	18.521	2635	2641	2645	rBV	457302	612575	4.23%	0.737%
66	18.816	2687	2691	2695	rBV	108178	115856	0.80%	0.139%
67	18.939	2706	2712	2716	rBV	347433	566122	3.91%	0.681%
68	19.004	2716	2723	2726	rBV3	151388	281921	1.95%	0.339%
69	19.033	2726	2728	2731	rVB	145543	141554	0.98%	0.170%
70	19.074	2731	2735	2737	rBV	85675	114843	0.79%	0.138%
71	19.210	2752	2758	2764	rBV	2296885	3080434	21.27%	3.705%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	19.357	2779	2783	2788	rBV	462151	622758	4.30%	0.749%
73	19.451	2794	2799	2801	rBV2	74552	117401	0.81%	0.141%
74	19.480	2801	2804	2808	rVB	101142	133645	0.92%	0.161%
75	19.545	2809	2815	2817	rBV3	730648	1115125	7.70%	1.341%
76	19.574	2817	2820	2828	rVB	2903761	3905205	26.97%	4.697%
77	19.645	2828	2832	2837	rVB	90613	126727	0.88%	0.152%
78	19.898	2869	2875	2883	rBV2	202064	459843	3.18%	0.553%
79	20.039	2892	2899	2900	rBV3	197059	316948	2.19%	0.381%
80	20.068	2900	2904	2910	rVB	550817	779667	5.38%	0.938%
81	20.168	2917	2921	2926	rBV	459878	587777	4.06%	0.707%
82	20.227	2926	2931	2935	rBV	292744	377678	2.61%	0.454%
83	20.368	2951	2955	2959	rVV	237802	310011	2.14%	0.373%
84	20.415	2959	2963	2971	rVB	304538	449325	3.10%	0.540%
85	20.986	3056	3060	3063	rBV	191680	226782	1.57%	0.273%
86	21.021	3063	3066	3070	rVV	247725	319508	2.21%	0.384%
87	21.062	3070	3073	3076	rVB	138518	154603	1.07%	0.186%
88	21.327	3113	3118	3124	rBV2	1457966	3099847	21.41%	3.728%
89	21.380	3124	3127	3132	rVB	972785	1226320	8.47%	1.475%
90	21.498	3144	3147	3153	rBV2	65552	121482	0.84%	0.146%
91	21.551	3153	3156	3160	rBV2	100735	132779	0.92%	0.160%
92	21.898	3211	3215	3220	rVB	224615	333295	2.30%	0.401%
93	21.945	3221	3223	3229	rVB	133982	153647	1.06%	0.185%
94	22.098	3246	3249	3251	rBV2	96765	115131	0.80%	0.138%
95	22.939	3386	3392	3397	rBV	407574	1094562	7.56%	1.316%
96	23.109	3418	3421	3429	rVB	171513	262684	1.81%	0.316%
97	23.427	3470	3475	3478	rBV	309648	531782	3.67%	0.640%
98	23.474	3479	3483	3487	rVV	418872	787759	5.44%	0.947%
99	23.527	3487	3492	3499	rVB	605108	1132440	7.82%	1.362%
100	23.621	3503	3508	3514	rBV	458070	849795	5.87%	1.022%

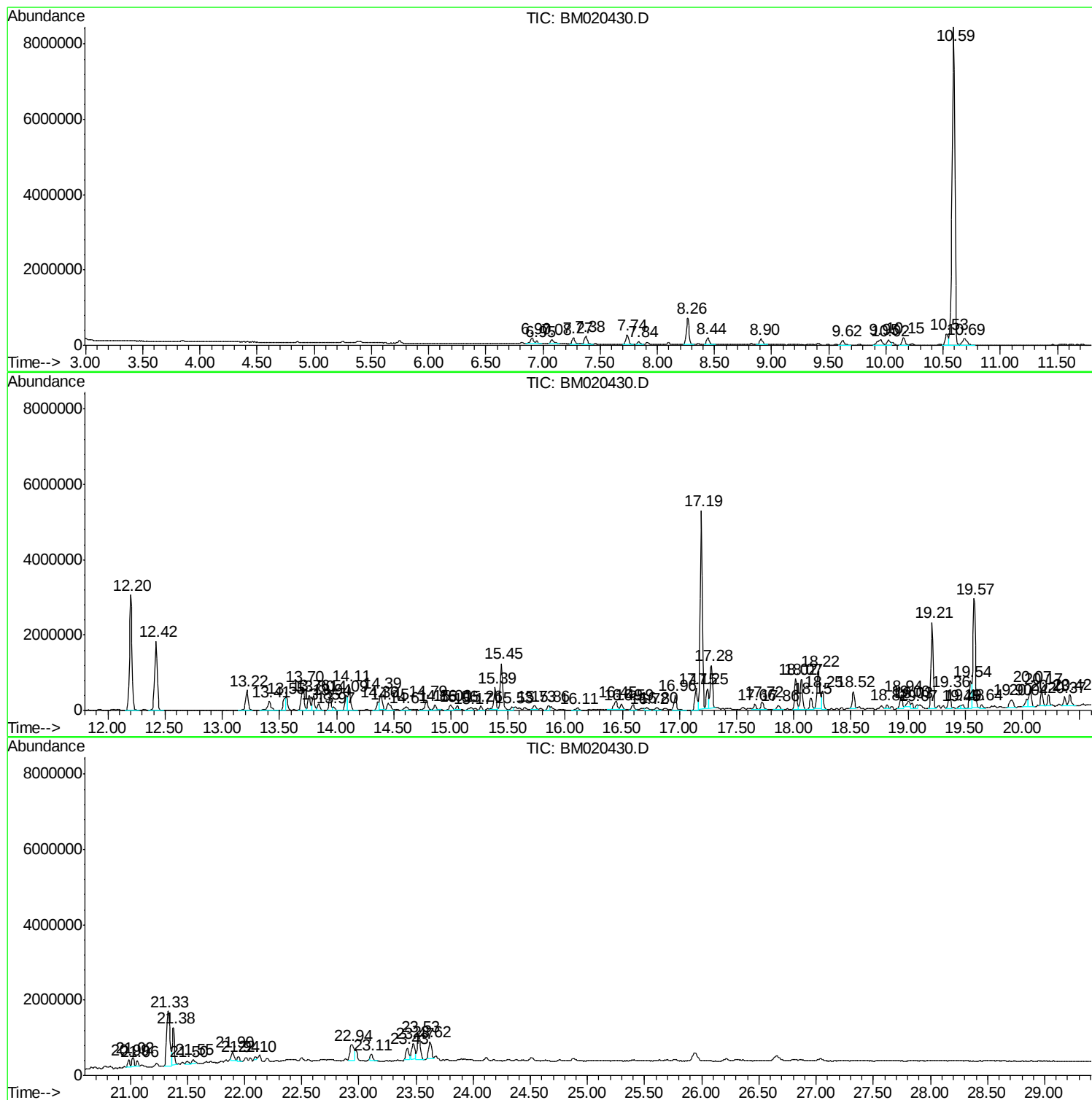
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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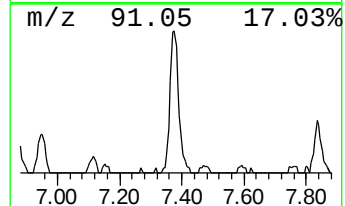
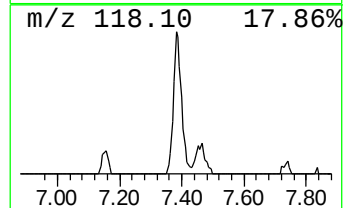
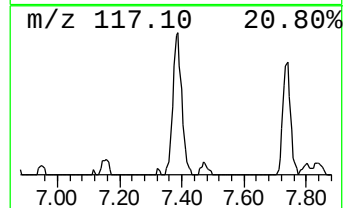
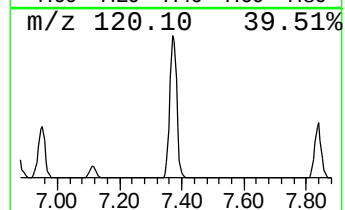
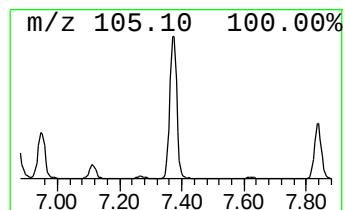
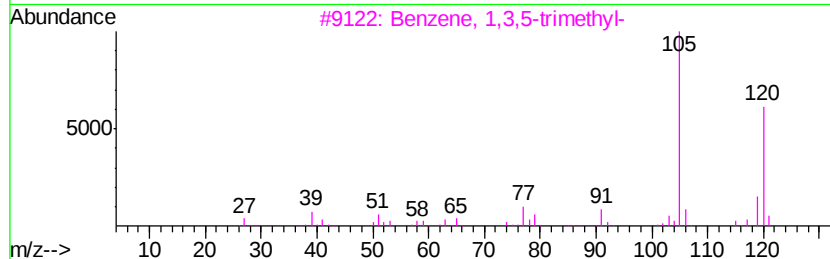
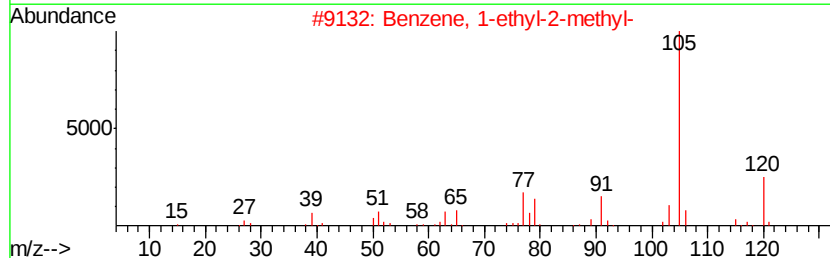
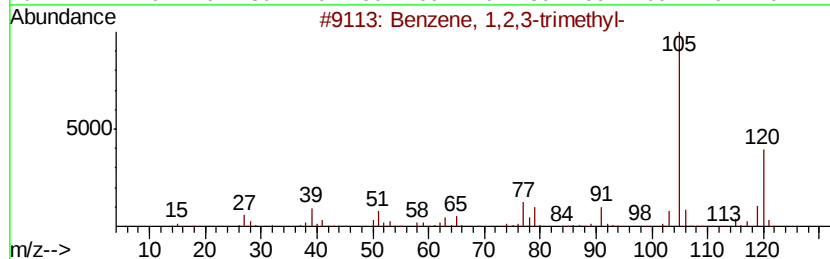
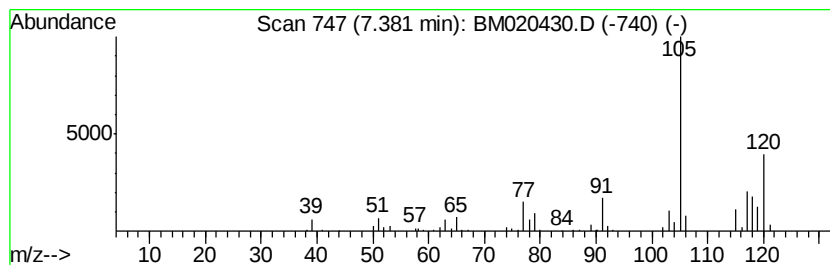
Instrument :
BNA_M
ClientSampleId :
GAJA5ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.38	17.29 ng/ul	360872	1,4-Dichlorobenzene-d4	7.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93



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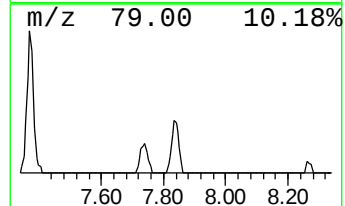
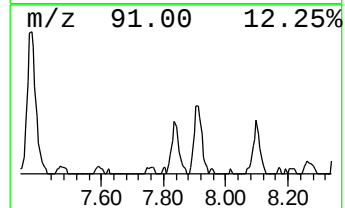
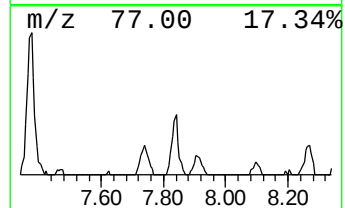
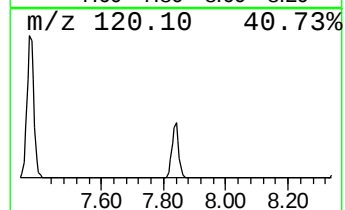
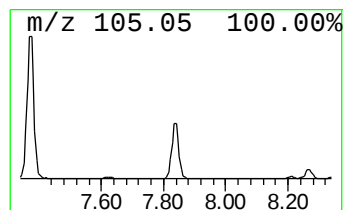
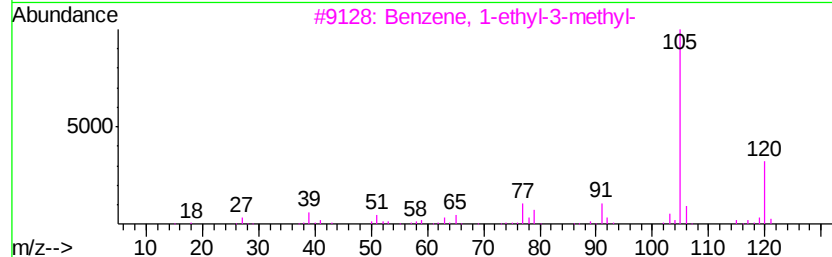
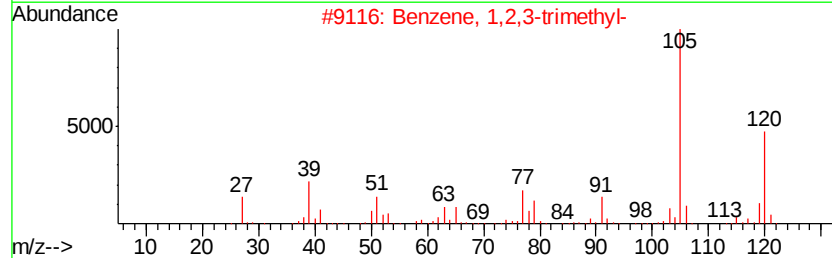
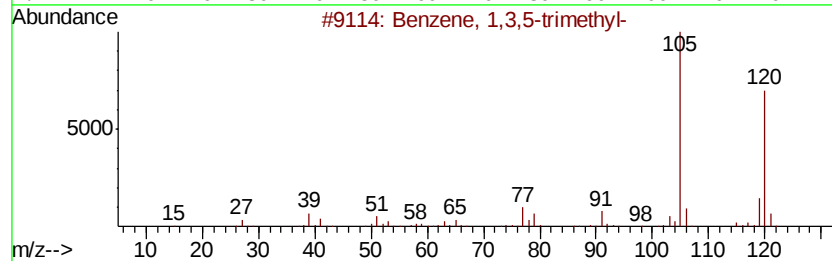
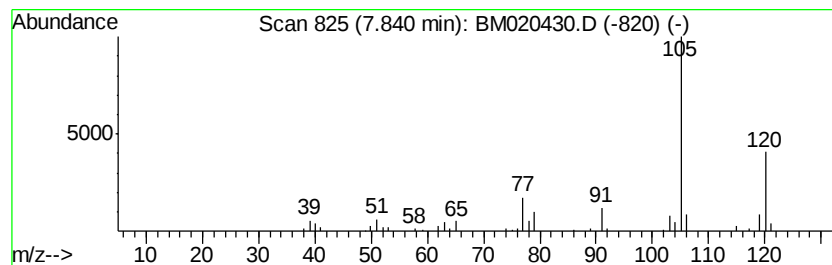
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,3,5-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	5.61 ng/ul	117179	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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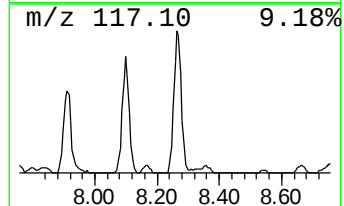
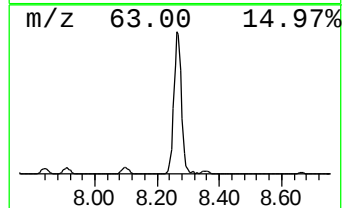
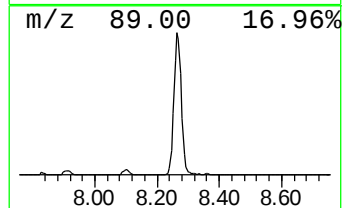
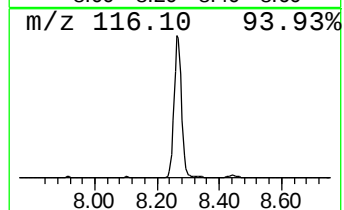
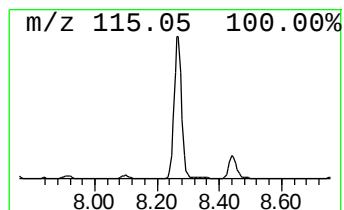
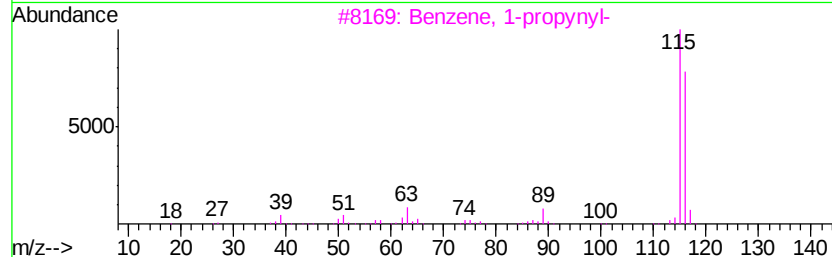
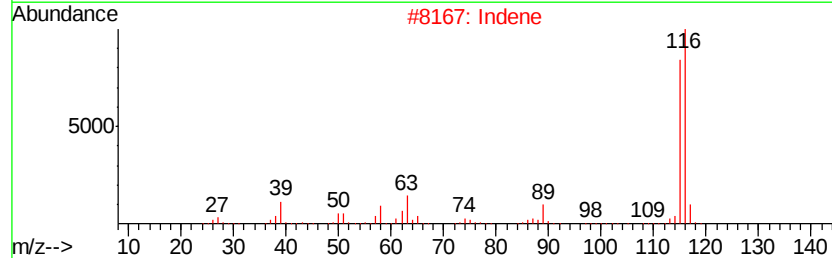
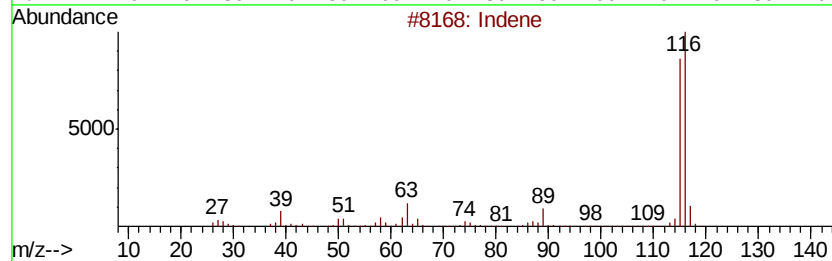
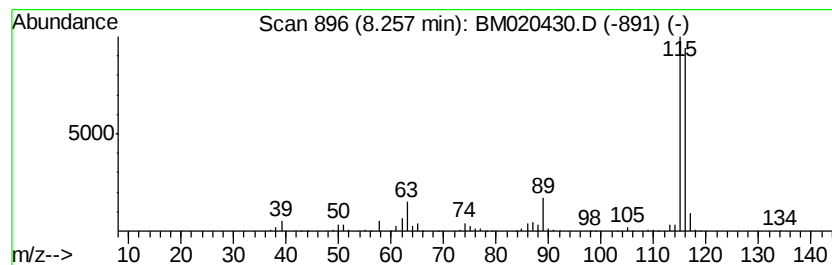
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	55.99 ng/ul	1168640	1,4-Dichlorobenzene-d4	7.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	96
2	Indene		116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

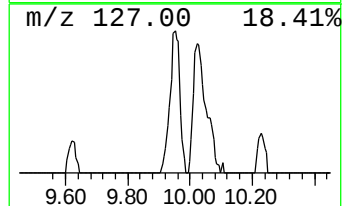
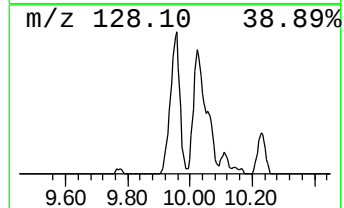
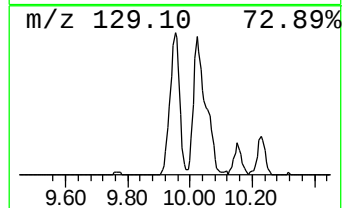
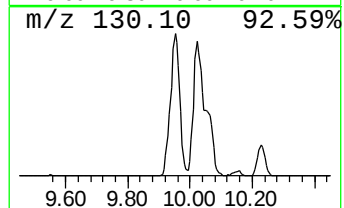
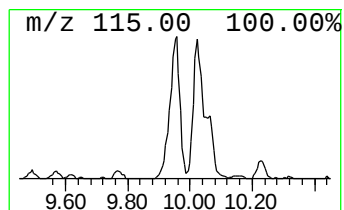
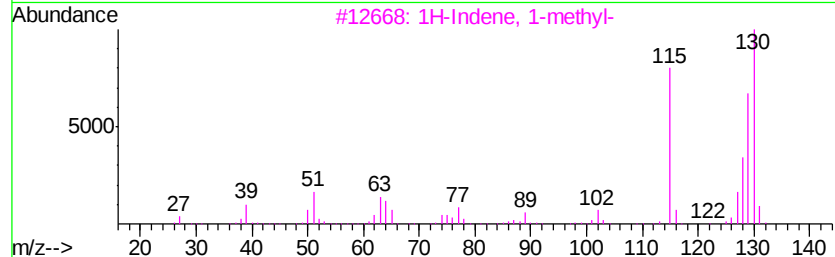
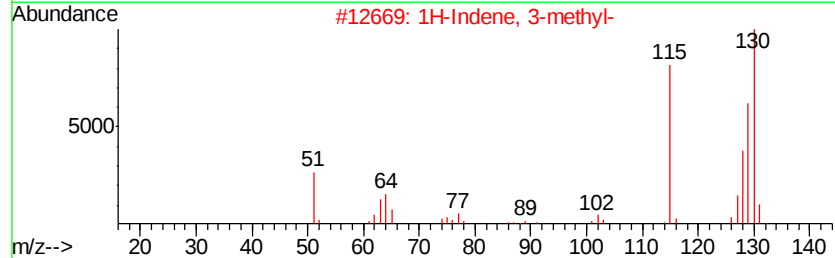
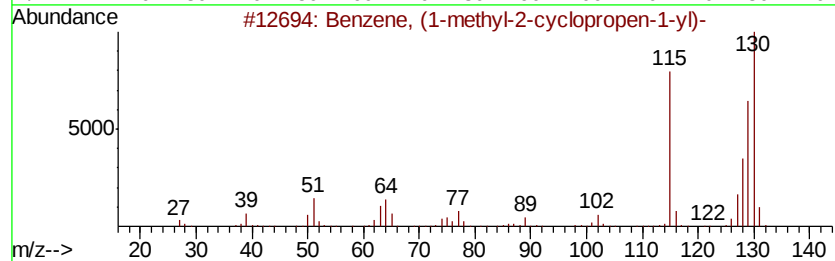
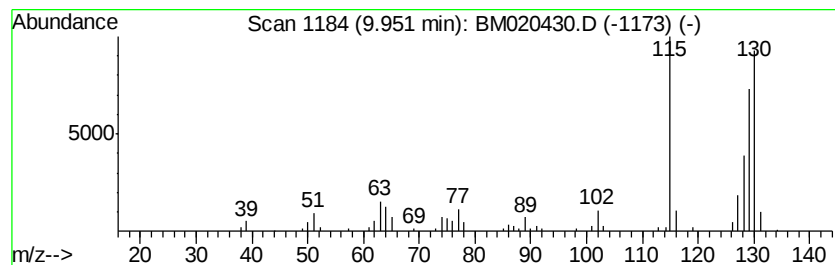
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	14.10 ng/ul	396151	Naphthalene-d8	10.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95	
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95	
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95	
4	2-Methylindene	130	C10H10	002177-47-1	95	
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJA5ME

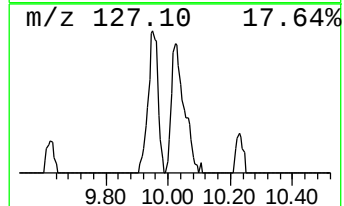
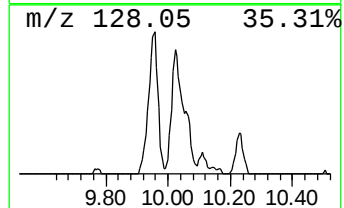
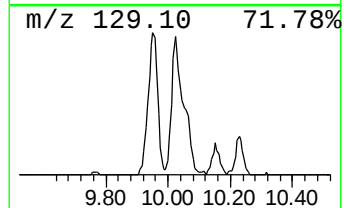
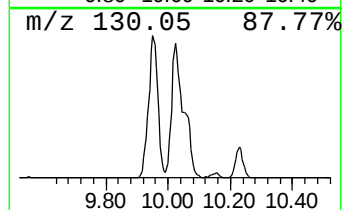
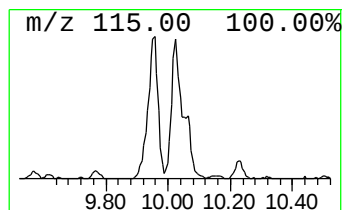
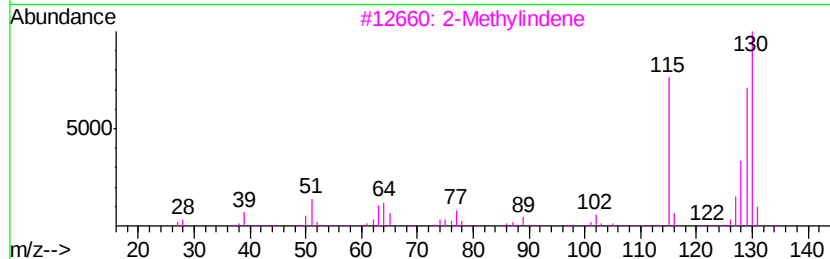
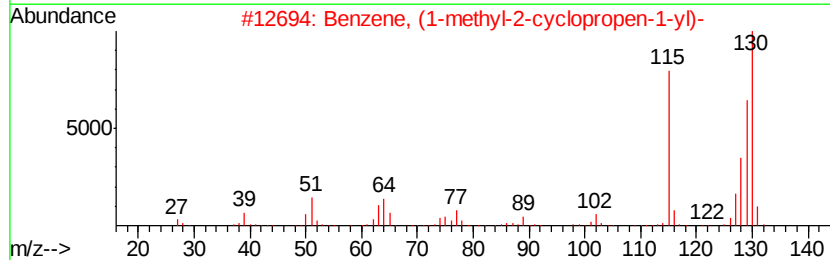
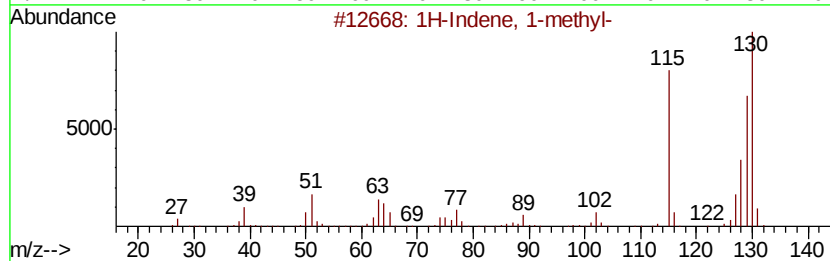
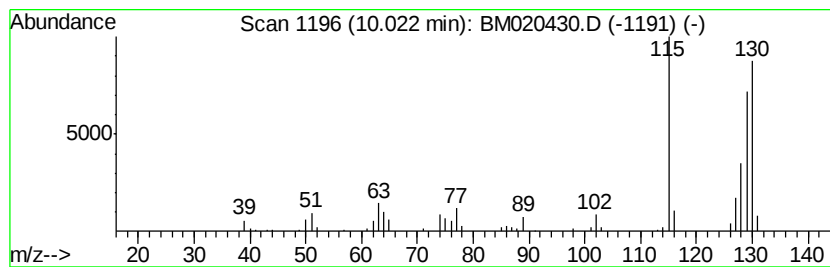
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	9.57 ng/ul	268805	Naphthalene-d8	10.53

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	95
3		2-Methylindene	130	C10H10	002177-47-1	93
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

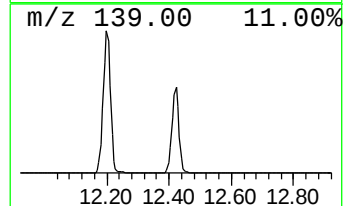
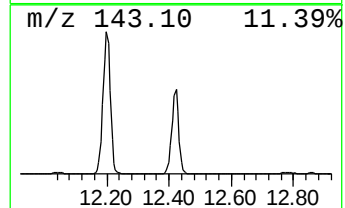
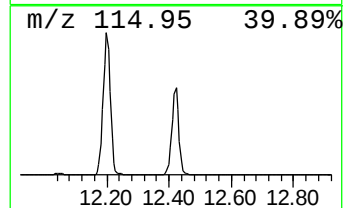
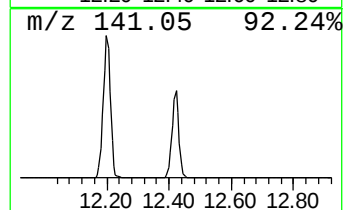
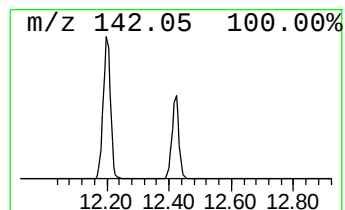
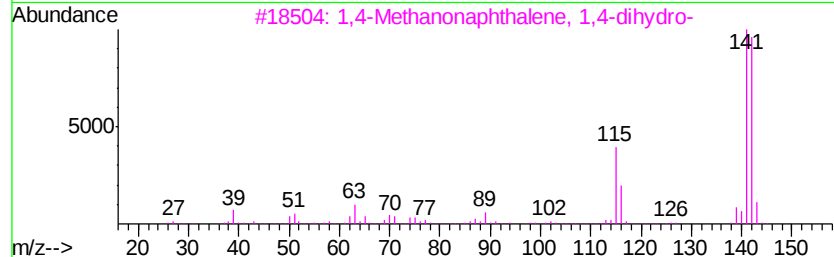
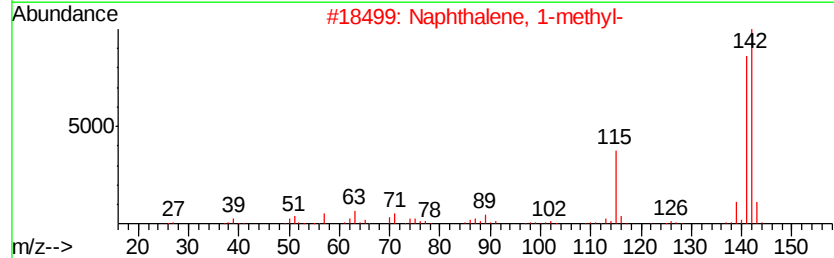
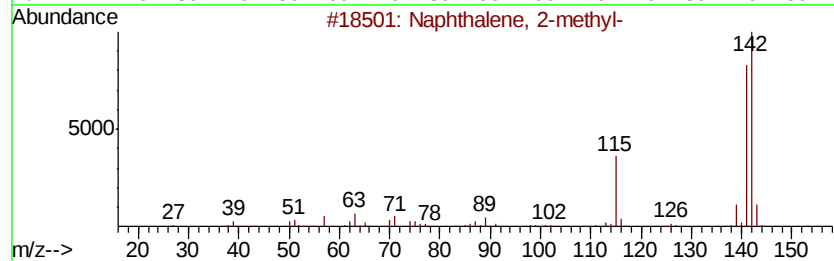
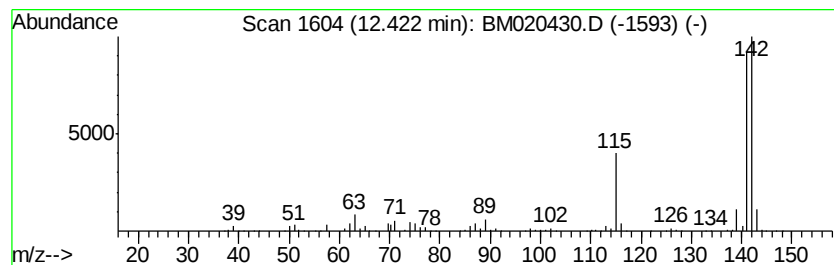
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.42	101.50 ng/ul	2851930	Naphthalene-d8	10.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
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Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
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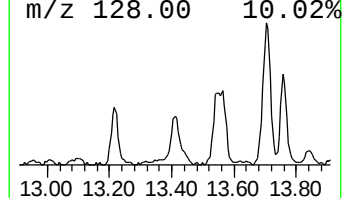
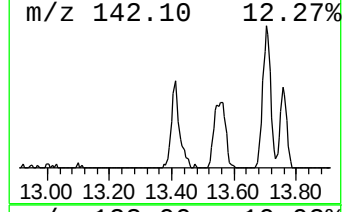
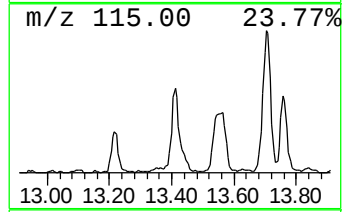
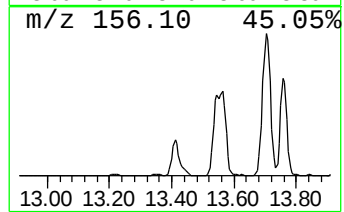
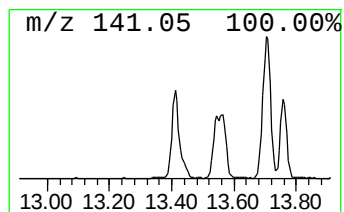
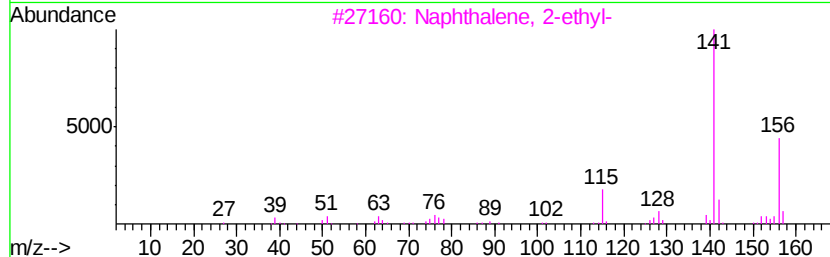
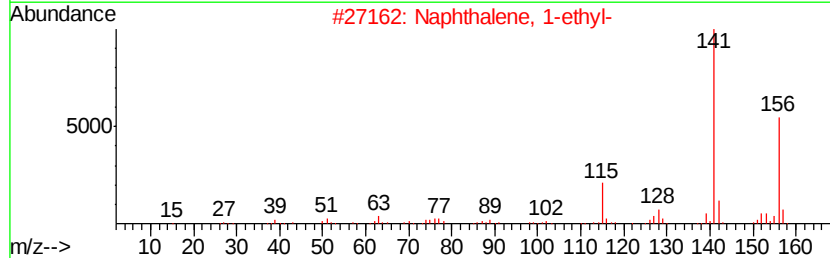
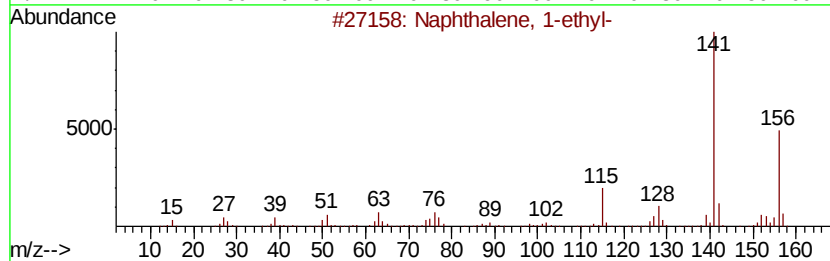
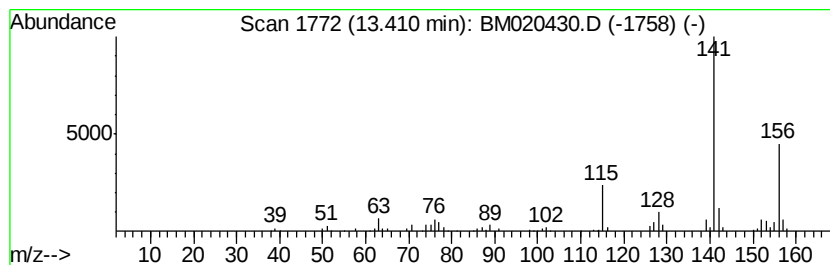
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	15.21 ng/ul	505580	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
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Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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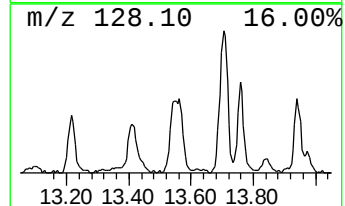
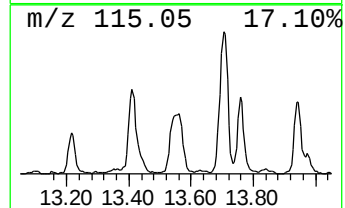
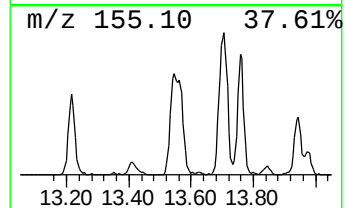
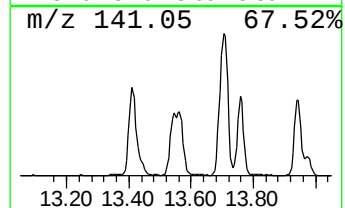
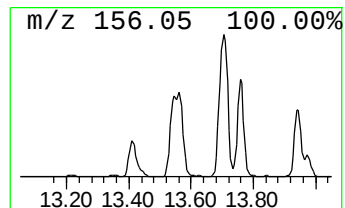
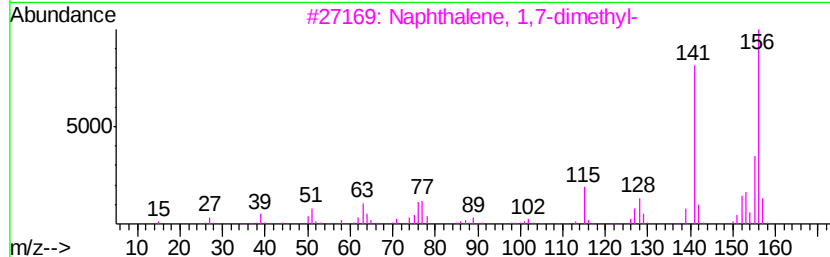
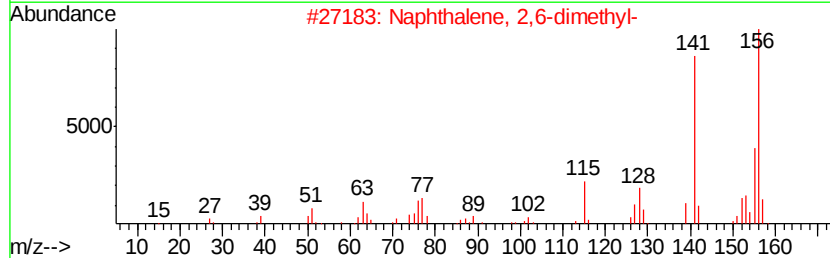
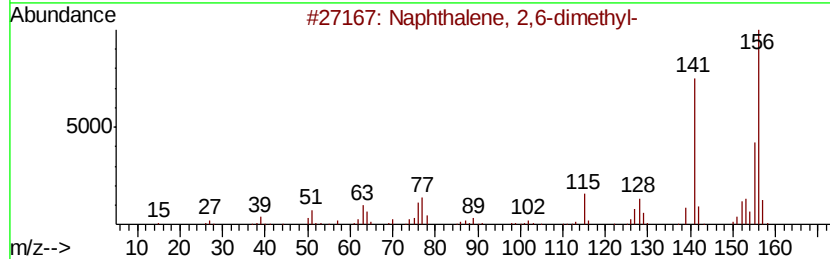
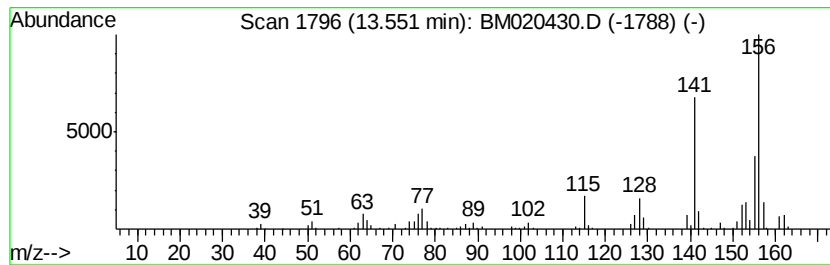
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	13.82 ng/ul	459400	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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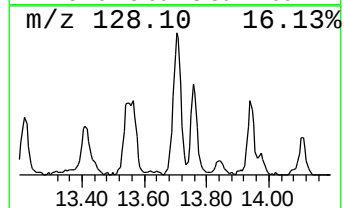
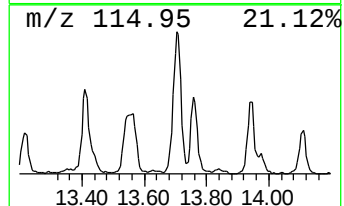
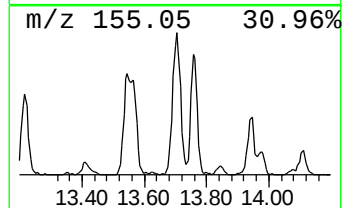
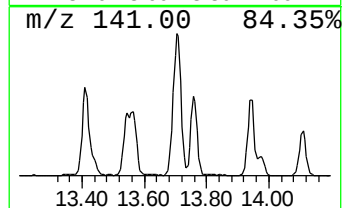
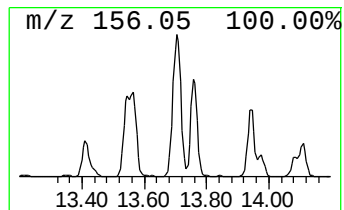
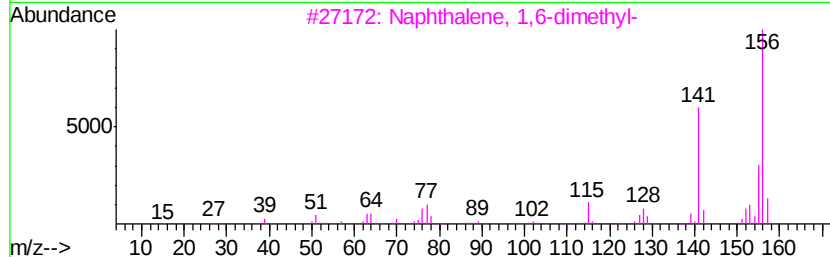
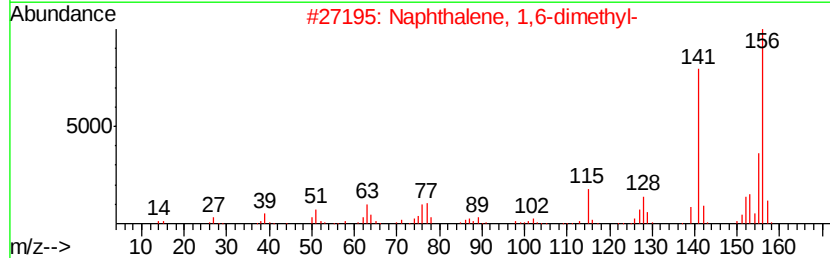
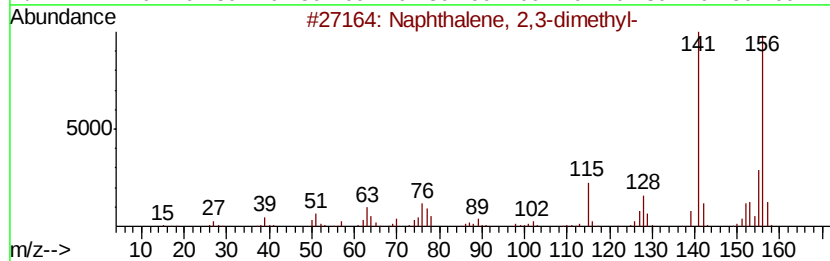
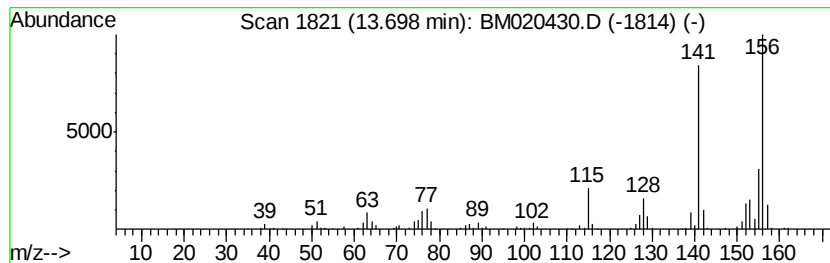
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	33.33 ng/ul	1107900	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
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Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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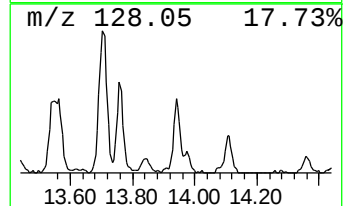
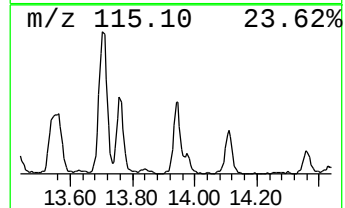
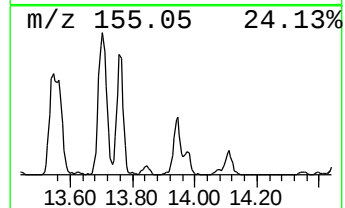
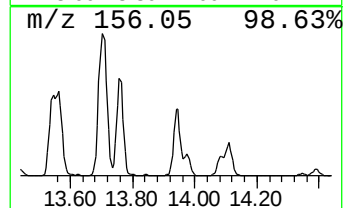
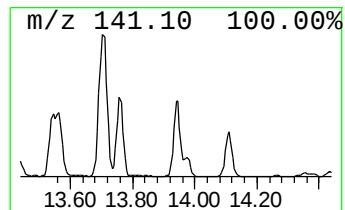
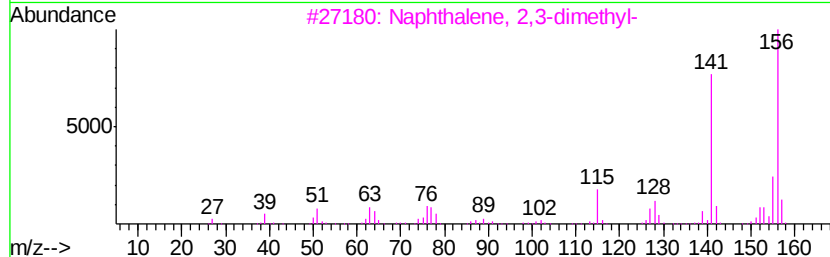
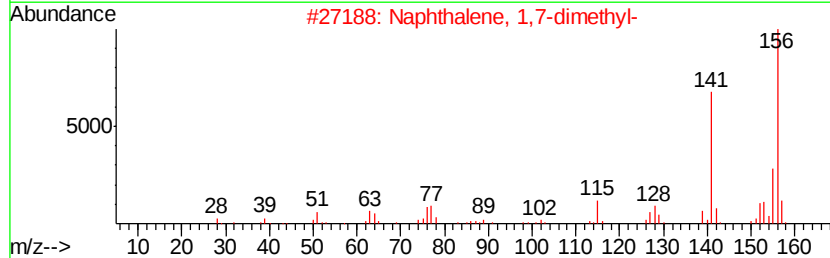
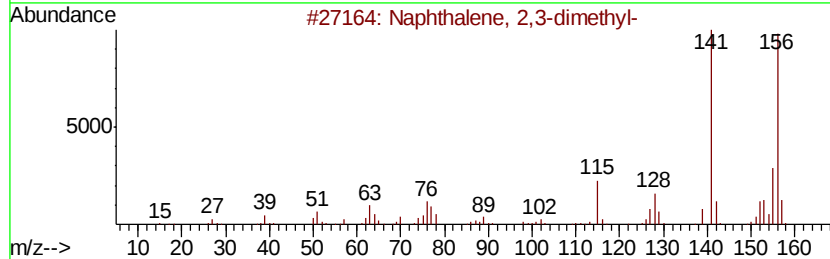
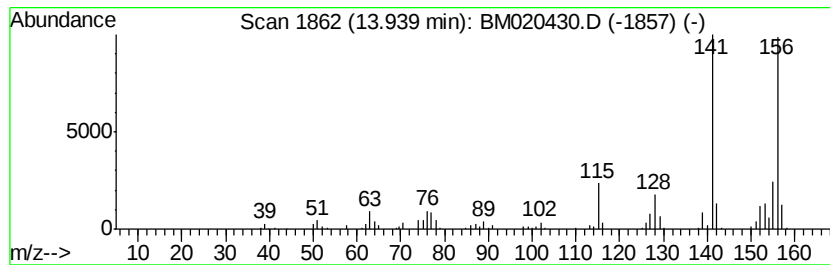
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	13.37 ng/ul	444290	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

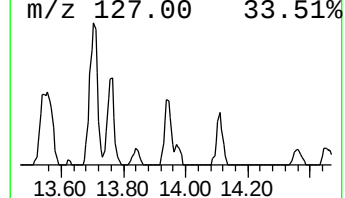
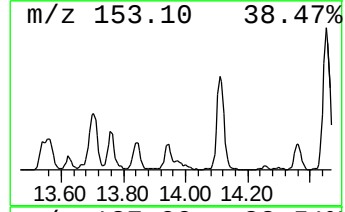
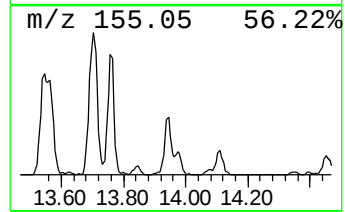
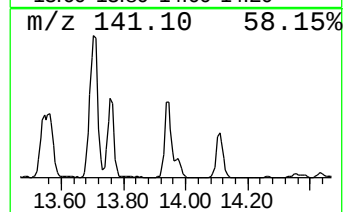
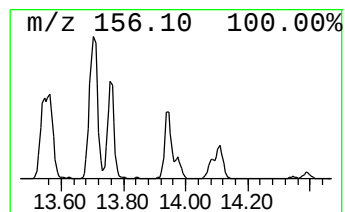
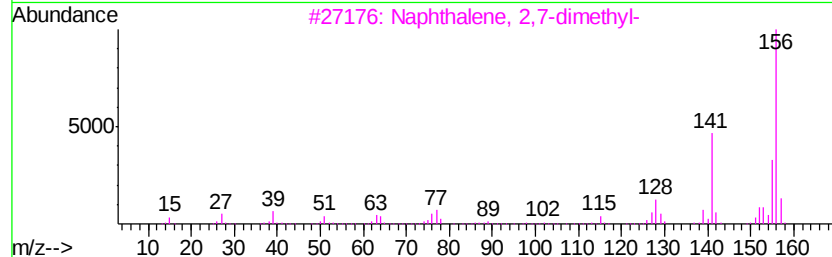
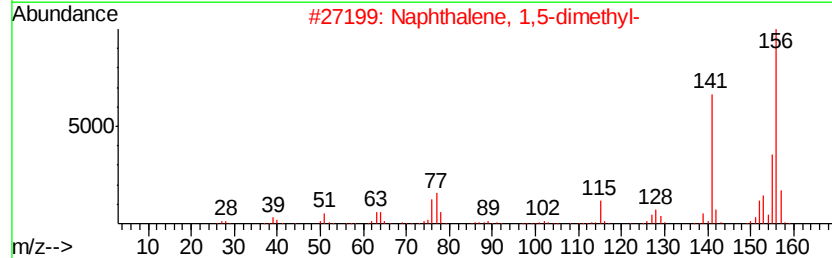
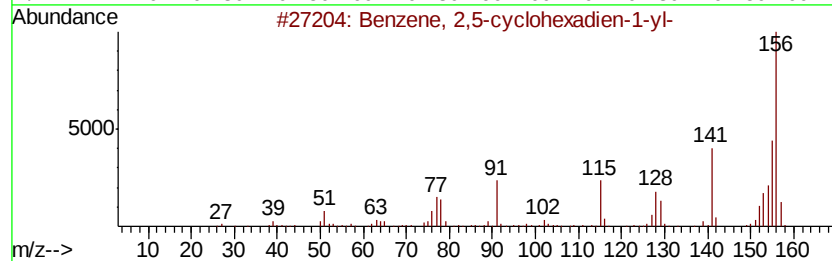
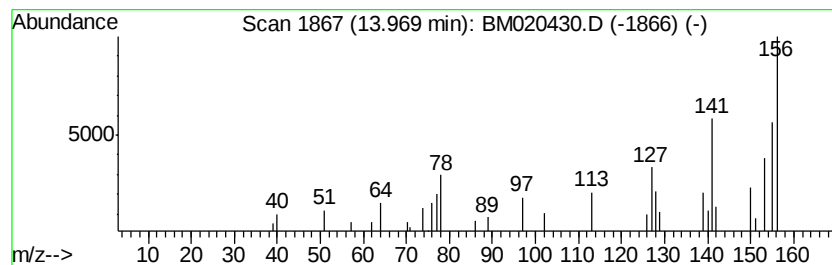
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 2,5-cyclohexadien-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.50 ng/ul	116373	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	64
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	62
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	59
4			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	58
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

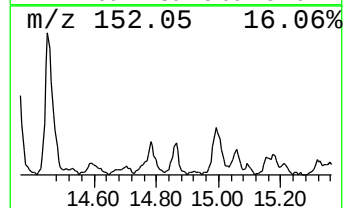
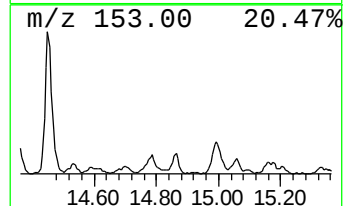
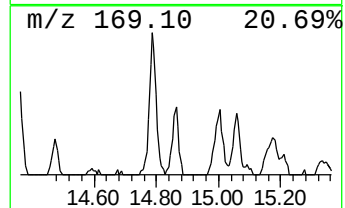
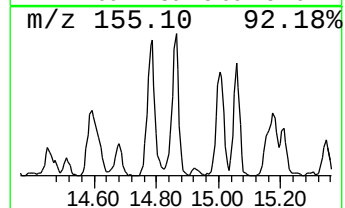
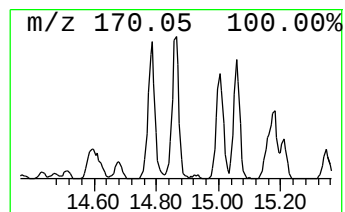
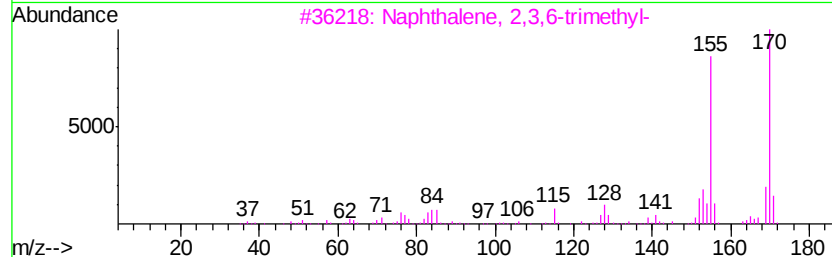
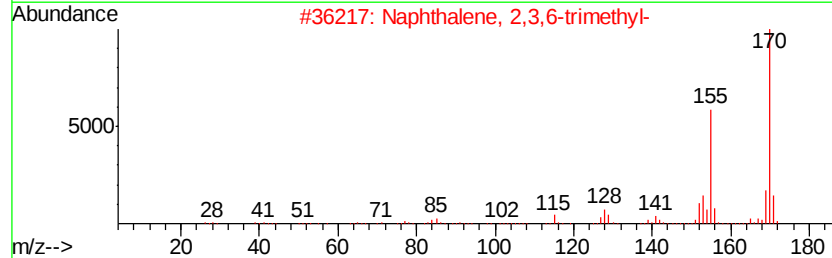
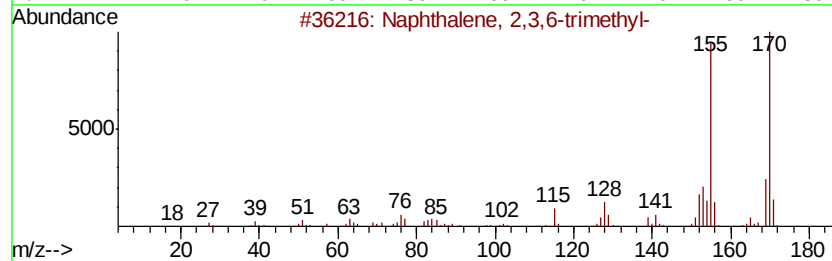
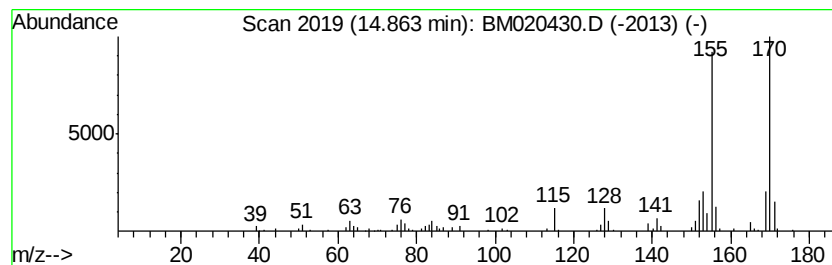
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.90 ng/ul	195961	Acenaphthene-d10	14.39

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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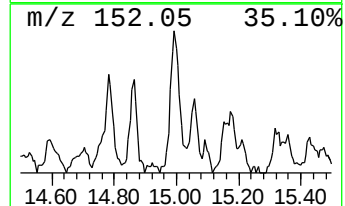
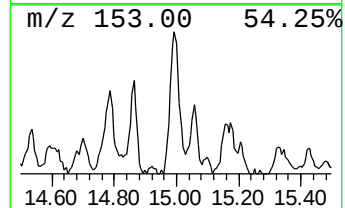
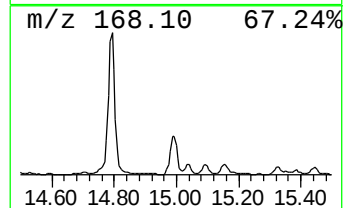
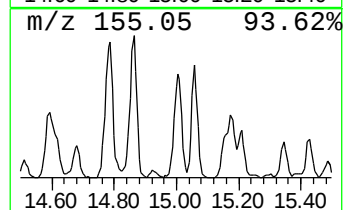
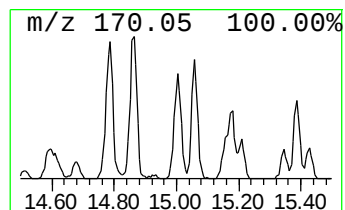
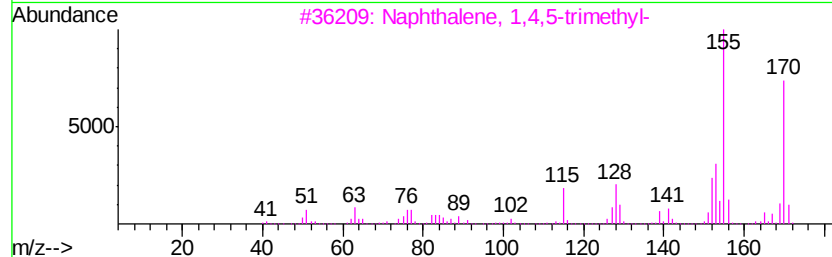
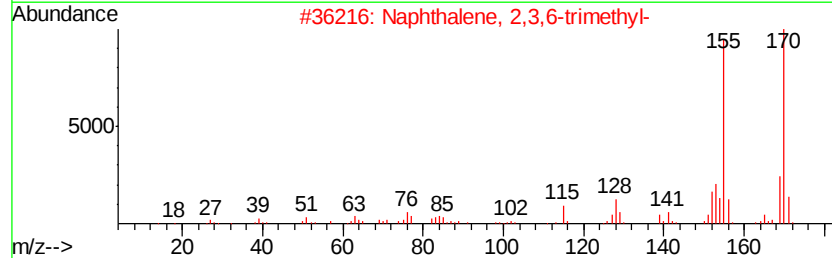
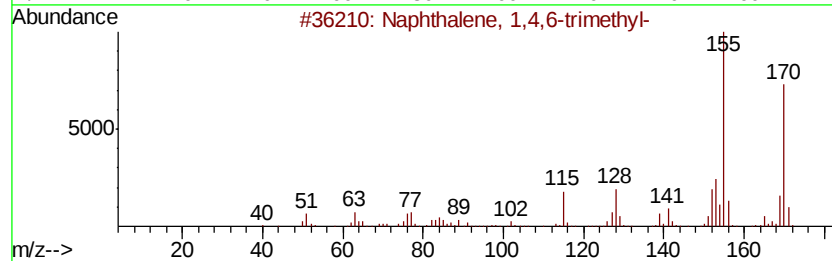
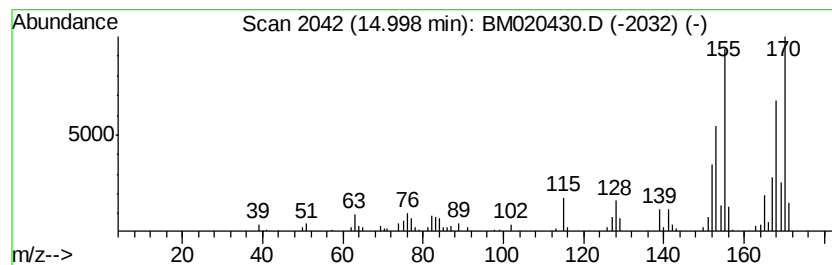
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	8.46 ng/ul	281071	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
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Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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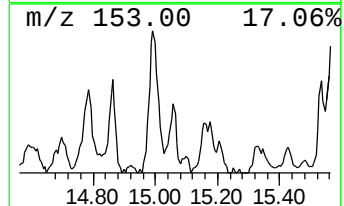
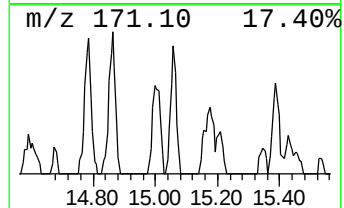
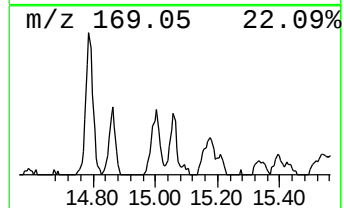
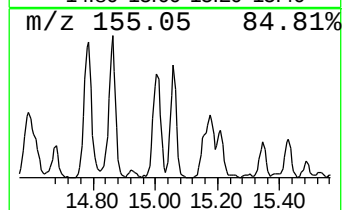
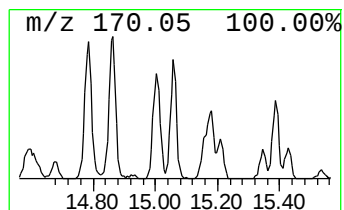
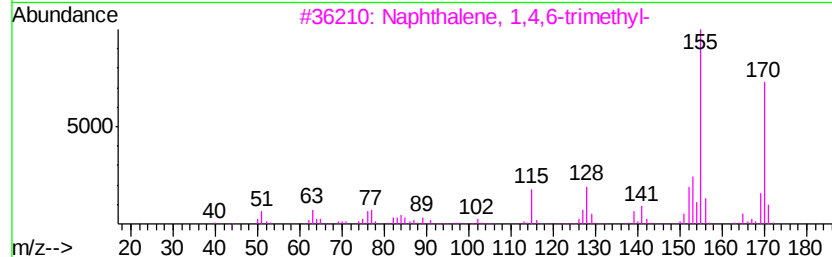
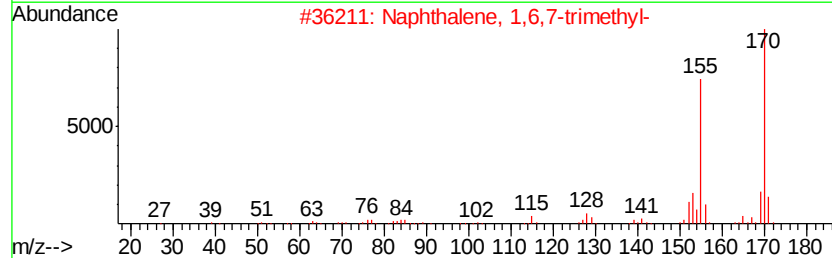
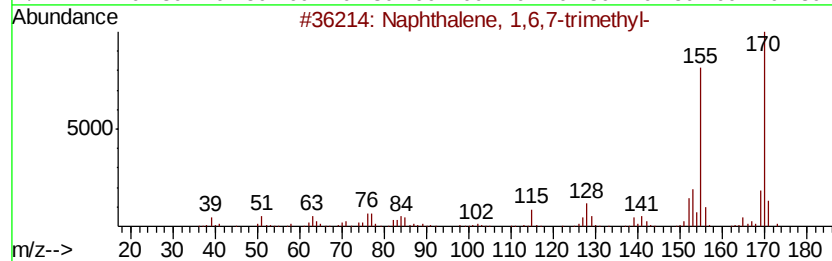
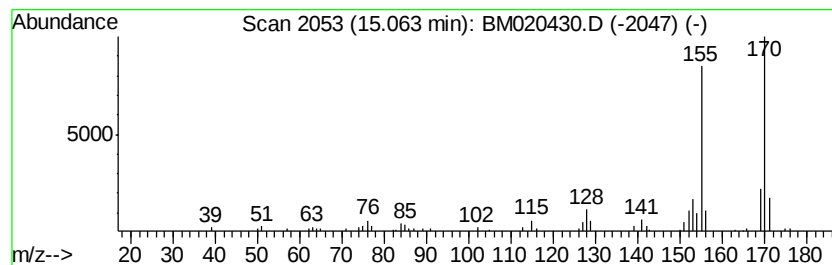
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.80 ng/ul	126207	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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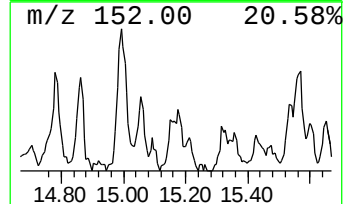
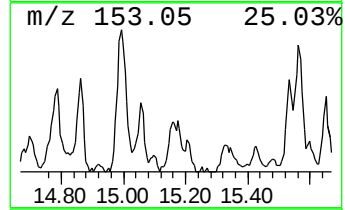
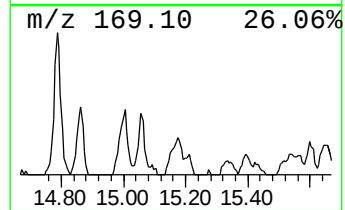
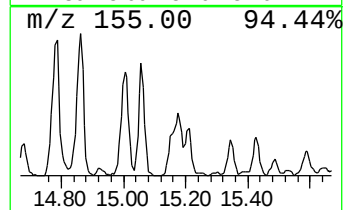
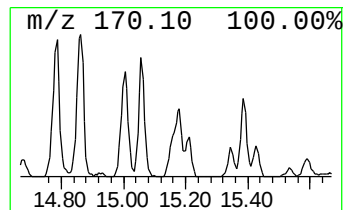
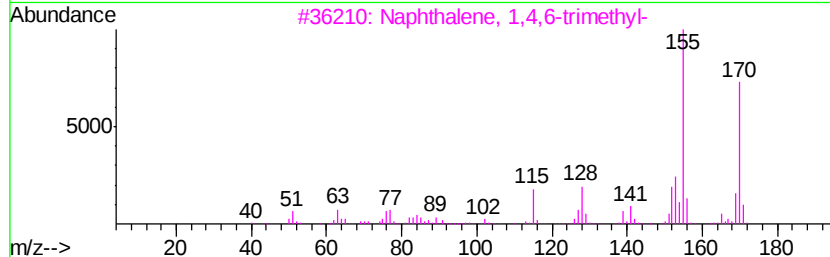
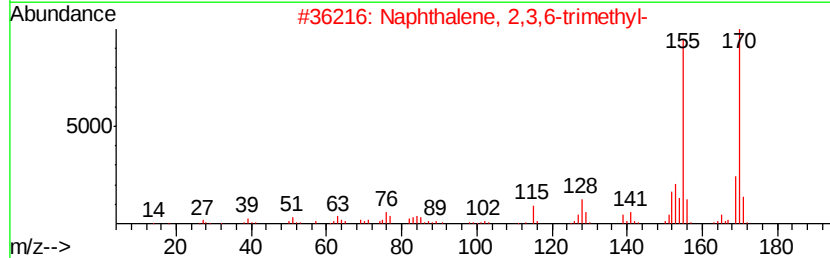
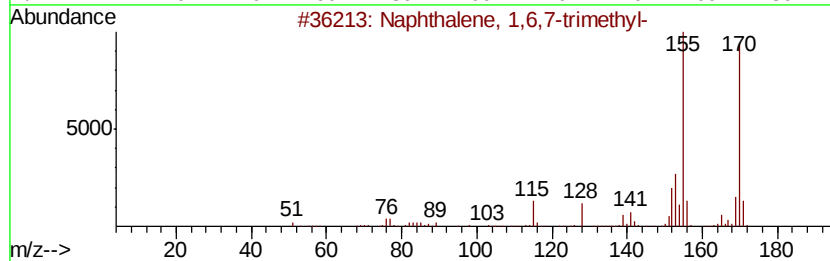
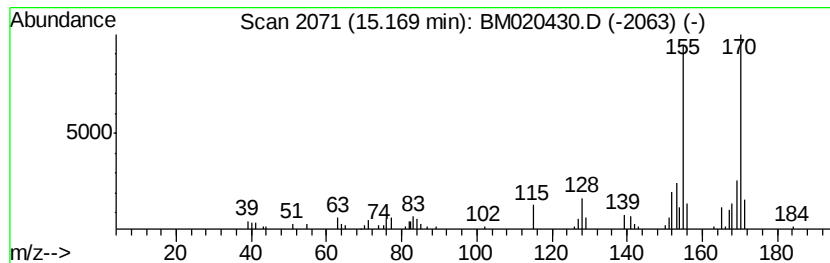
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.11 ng/ul	169738	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
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Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

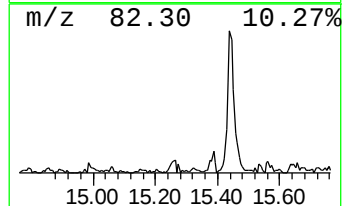
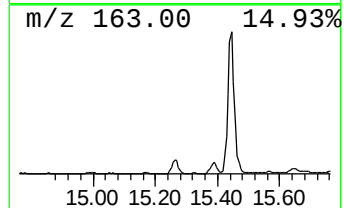
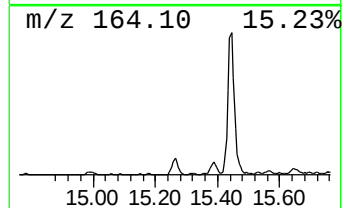
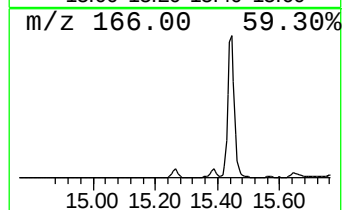
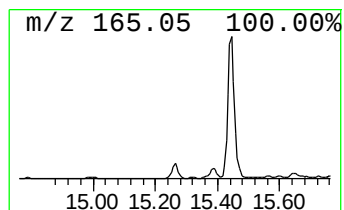
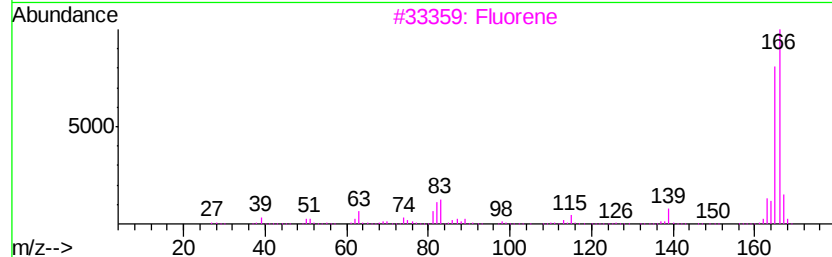
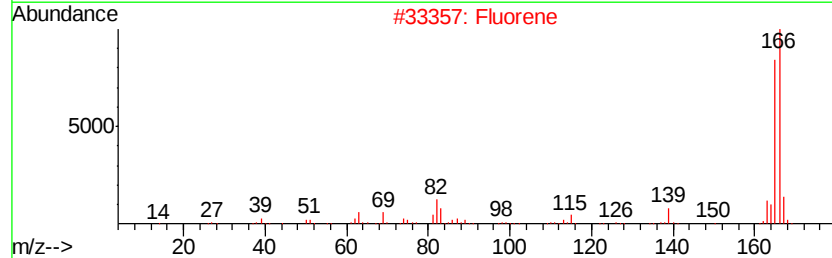
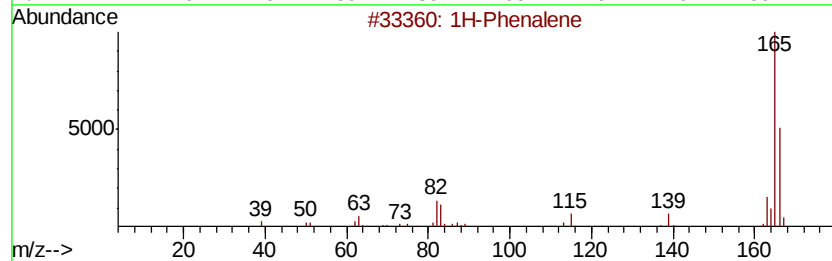
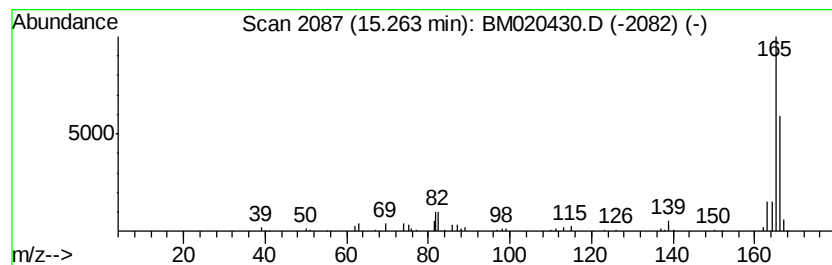
Instrument :
BNA_M
ClientSampleId :
GAJA5ME

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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1H-Phenalene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.99 ng/ul	132514	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Phenalene	166 C13H10	000203-80-5 80
2		Fluorene	166 C13H10	000086-73-7 40
3		Fluorene	166 C13H10	000086-73-7 38
4		3-Trifluoromethylbenzhydryl chlo...	270 C14H10ClF3	067240-79-3 33
5		1,4-Oxathiino[3,2-b]pyridine, 6-...	165 C8H7NOS	056114-39-7 28



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

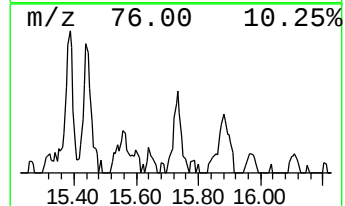
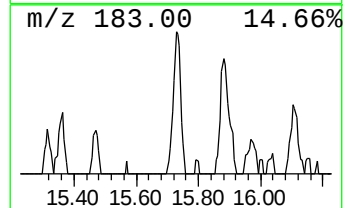
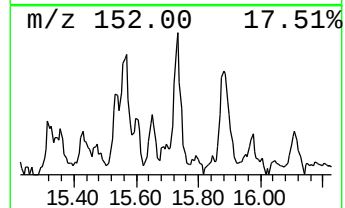
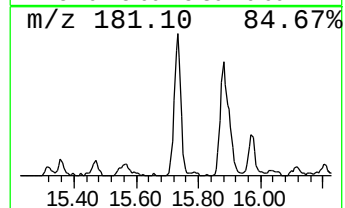
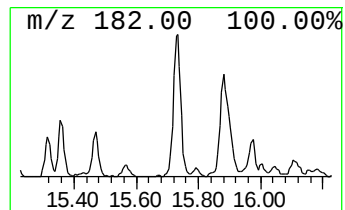
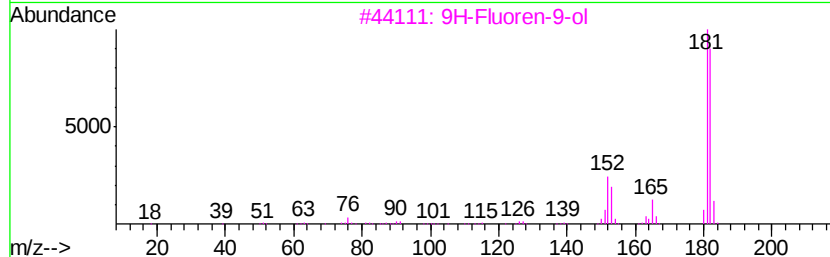
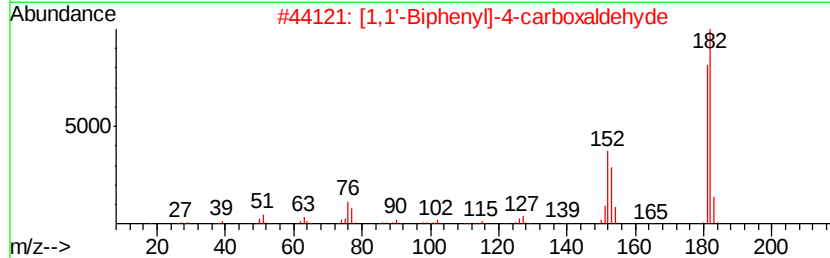
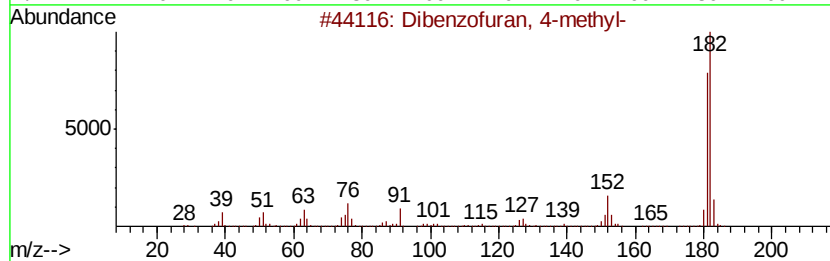
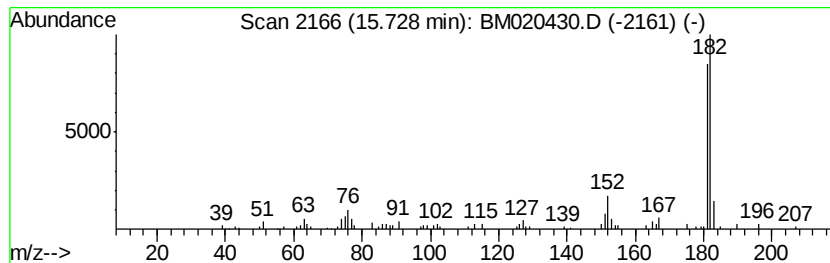
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.48 ng/ul	148954	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

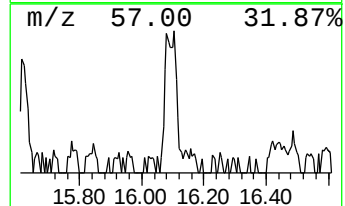
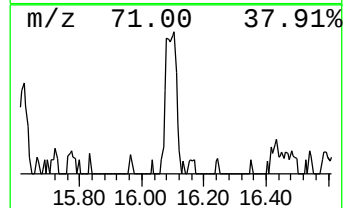
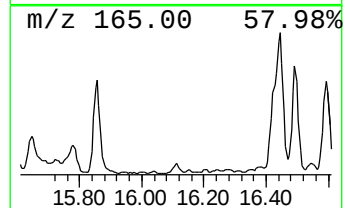
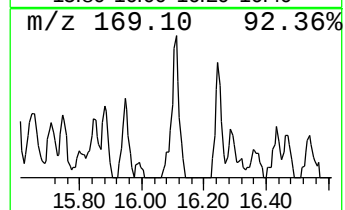
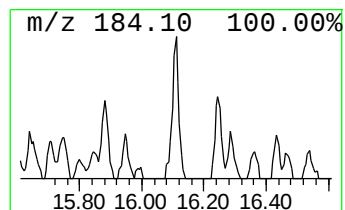
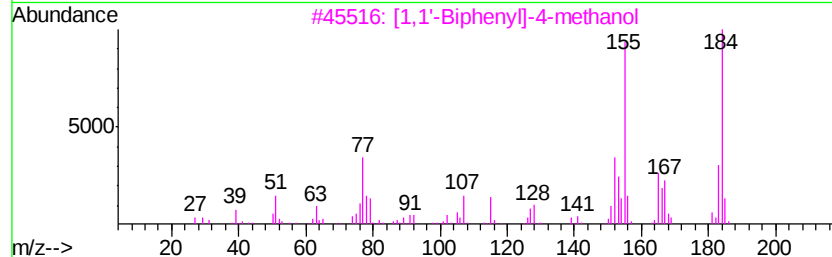
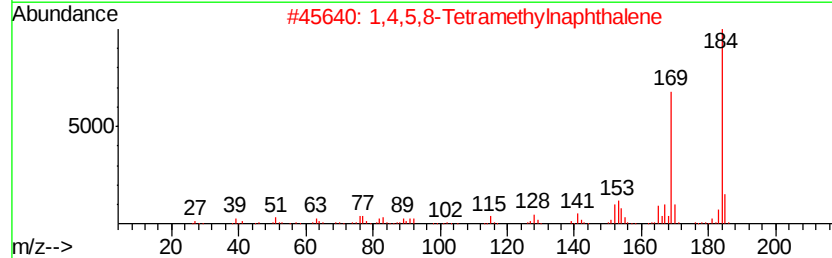
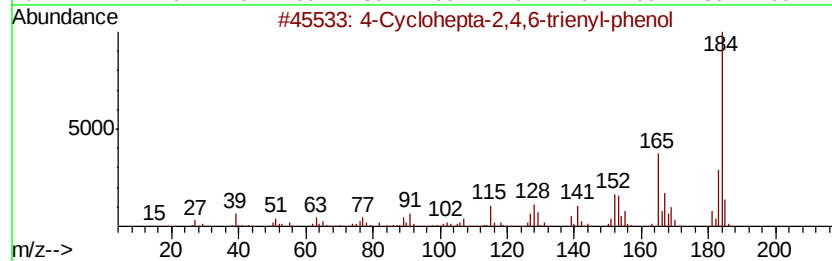
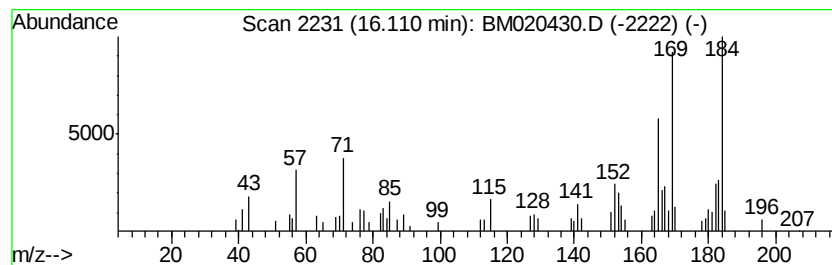
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.49 ng/ul	107683	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	93
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	70
3		[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	70
4		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	70
5		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

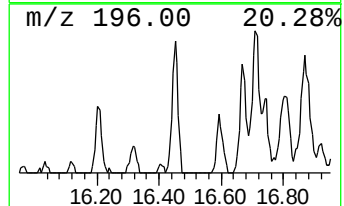
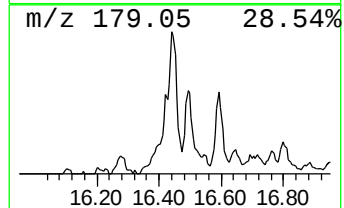
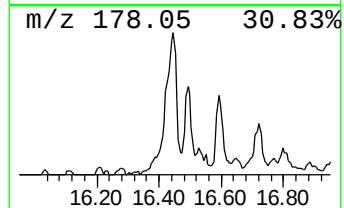
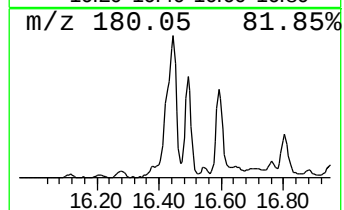
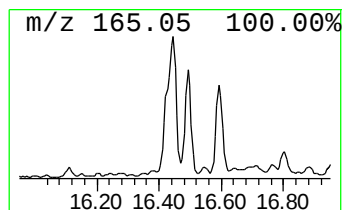
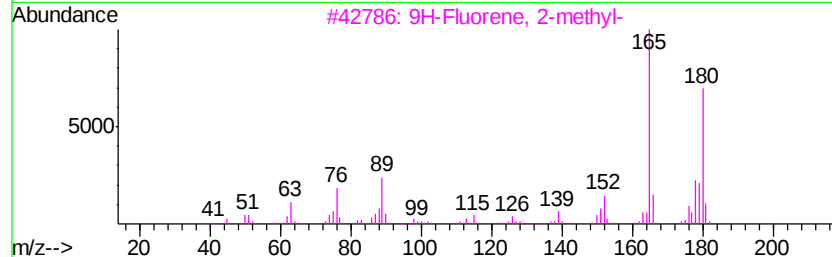
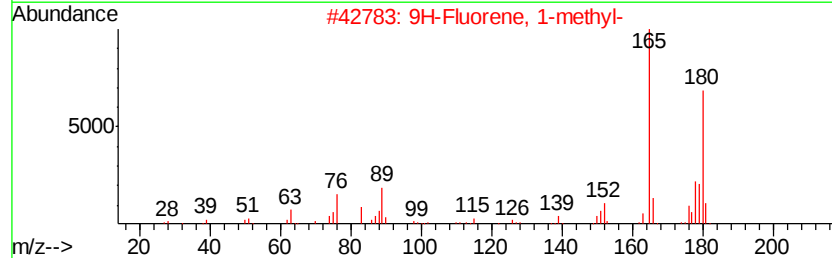
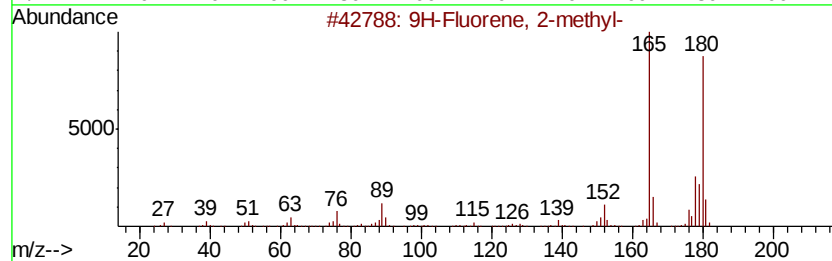
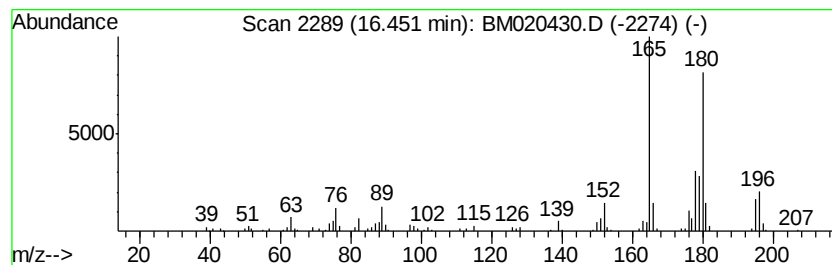
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	12.28 ng/ul	531681	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

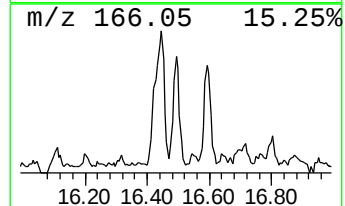
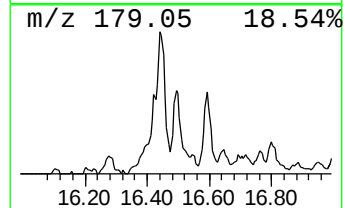
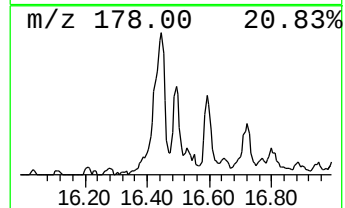
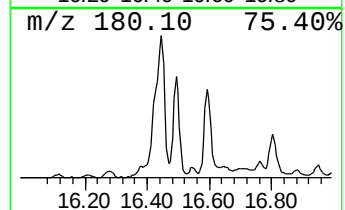
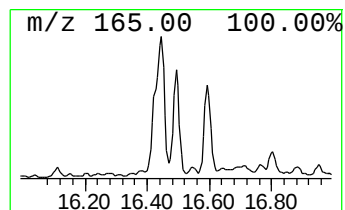
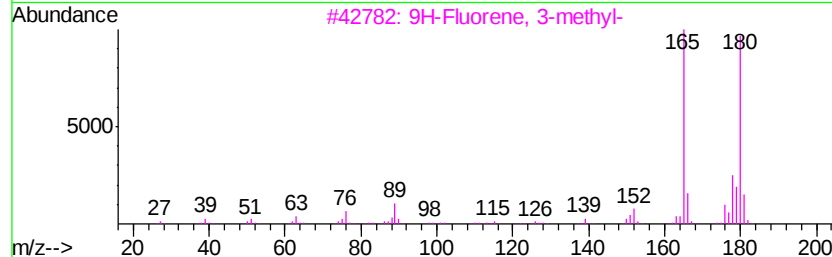
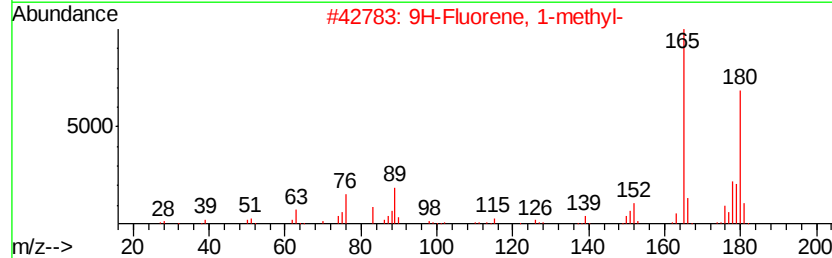
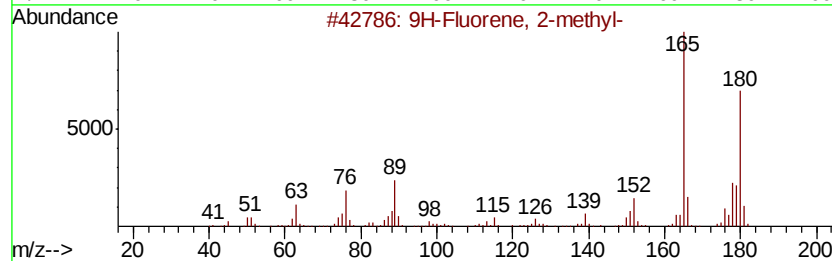
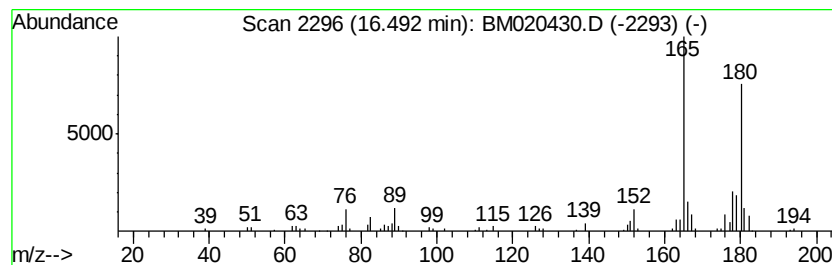
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9H-Fluorene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.17 ng/ul	223806	Phenanthrene-d10	17.15

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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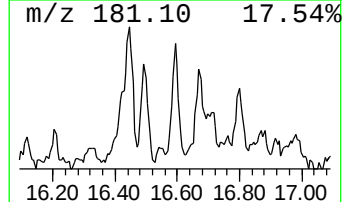
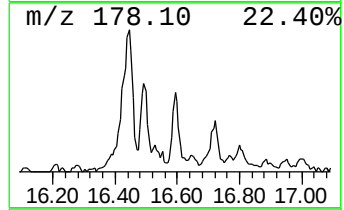
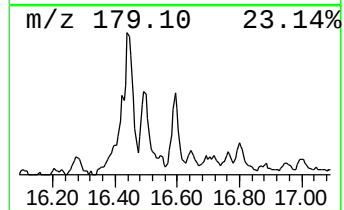
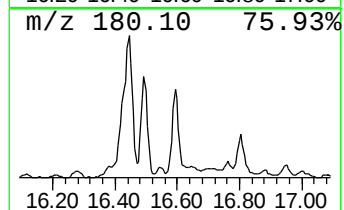
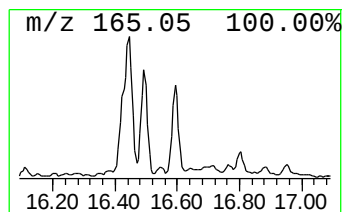
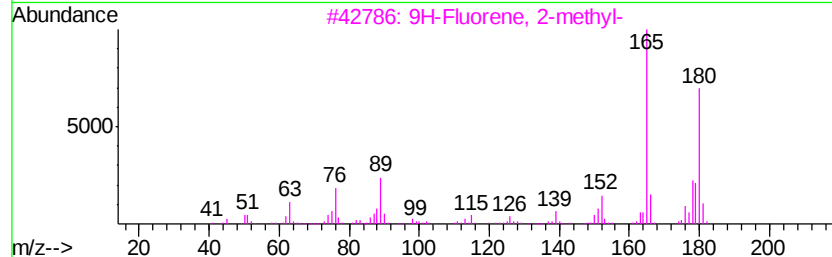
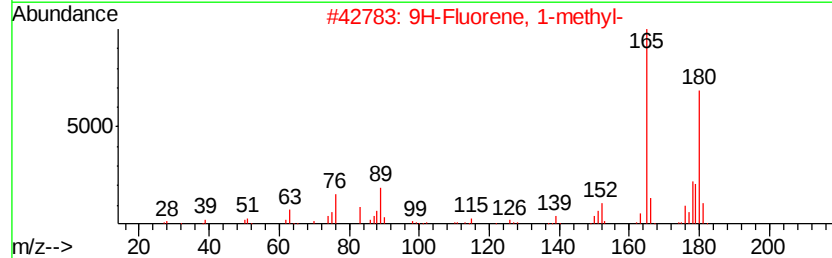
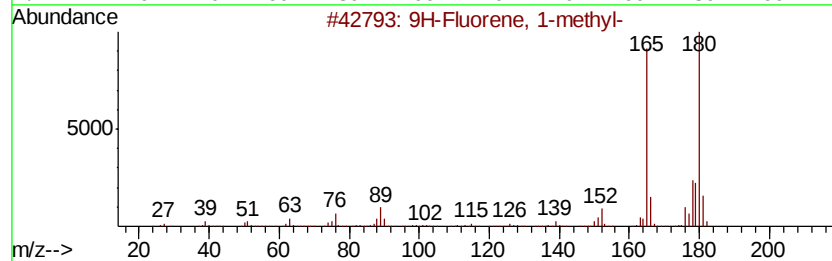
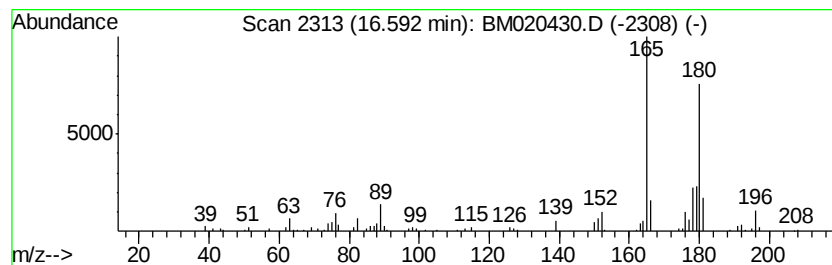
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9H-Fluorene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.03 ng/ul	217680	Phenanthrene-d10	17.15

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJA5ME

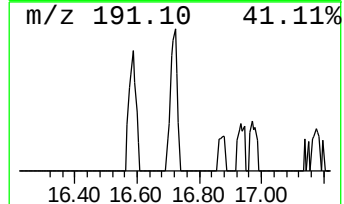
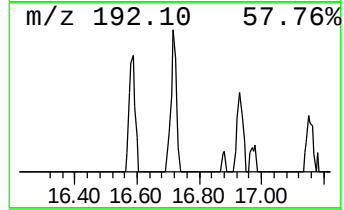
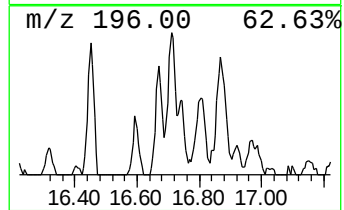
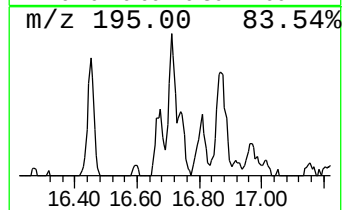
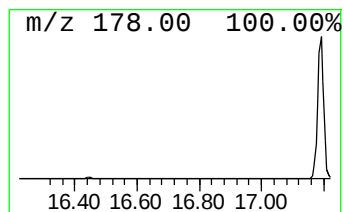
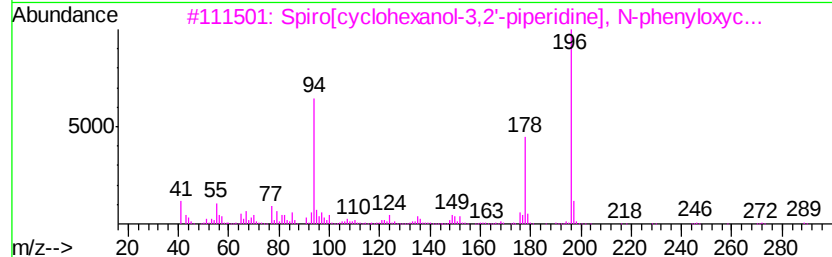
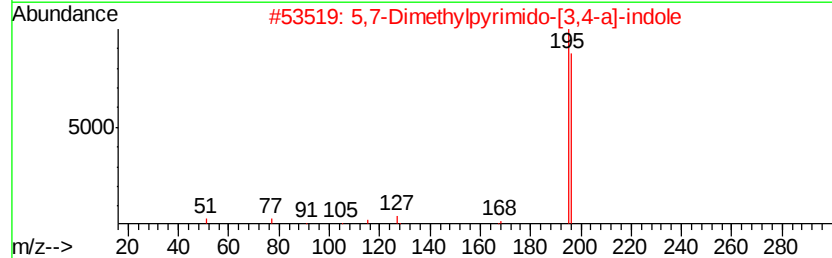
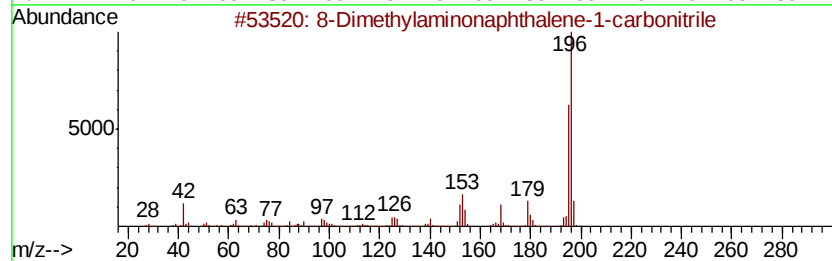
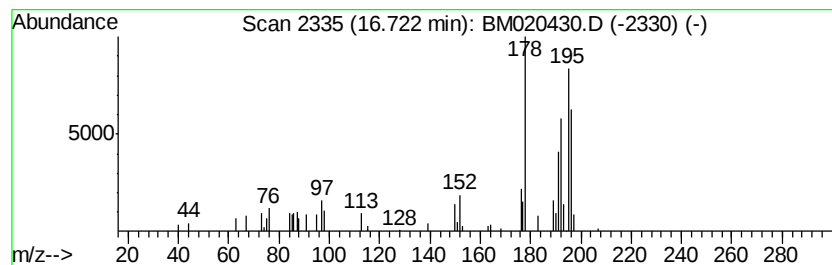
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	3.07 ng/ul	132996	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38
2			5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	38
3			Spiro[cyclohexanol-3,2'-piperidi...	289	C17H23NO3	1000128-20-1	27
4			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	27
5			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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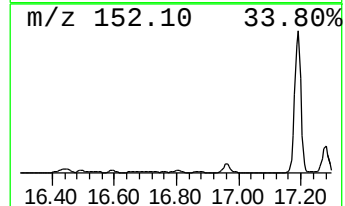
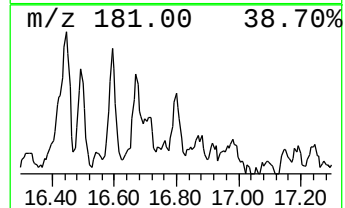
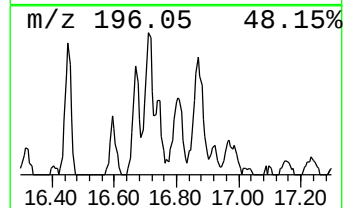
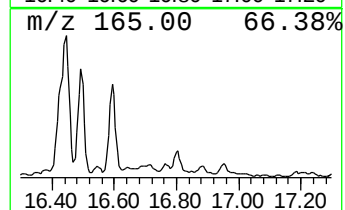
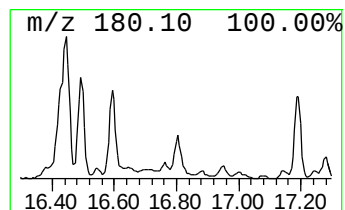
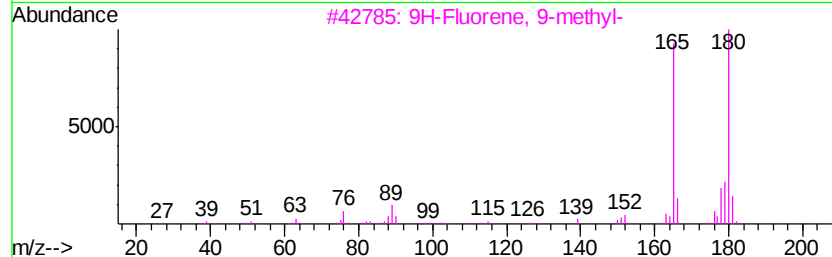
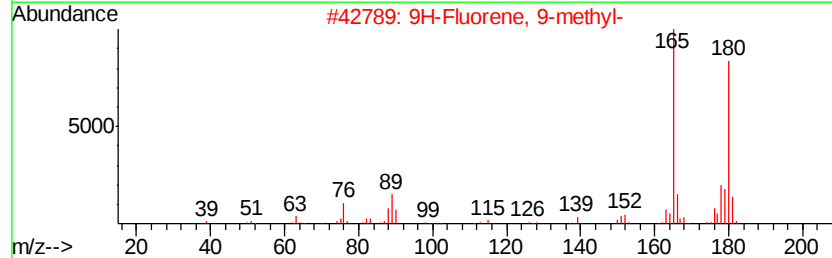
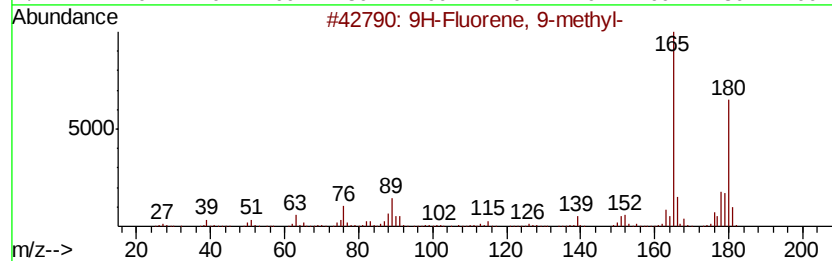
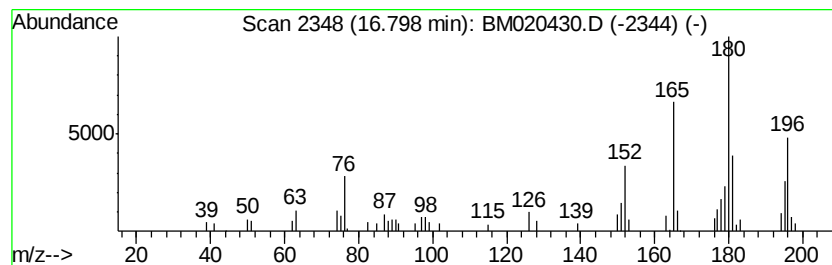
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.78 ng/ul	120467	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	47
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
5			1,3,5,7-Cyclooctatetraene, 1-phe...	180	C14H12	004603-00-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

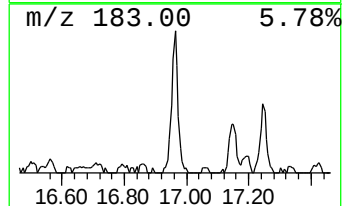
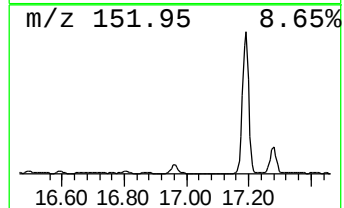
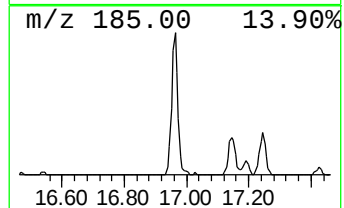
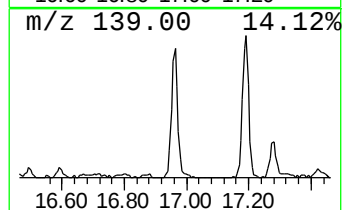
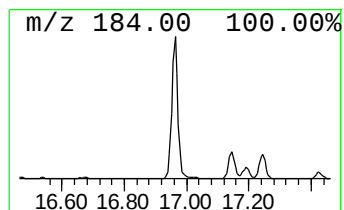
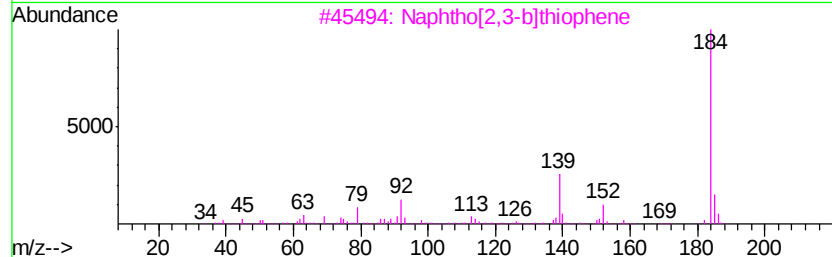
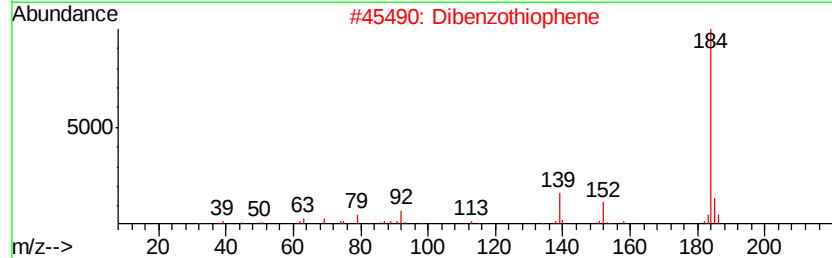
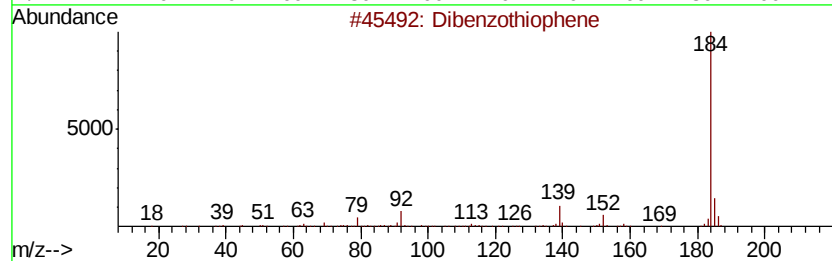
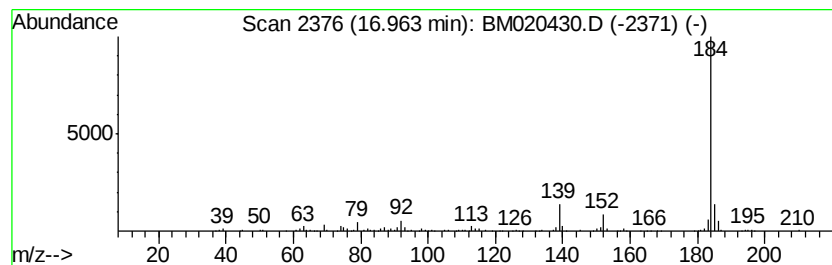
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	13.79 ng/ul	597119	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

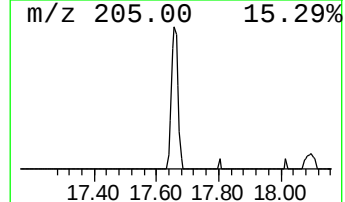
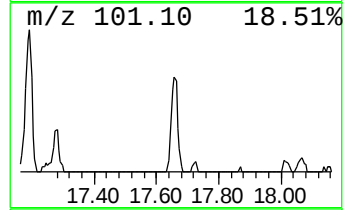
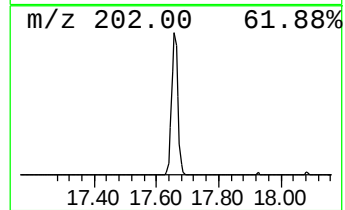
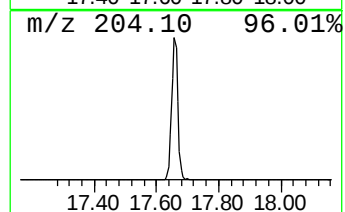
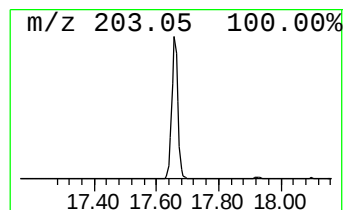
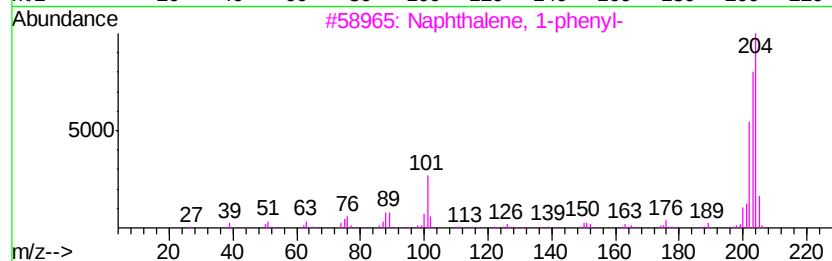
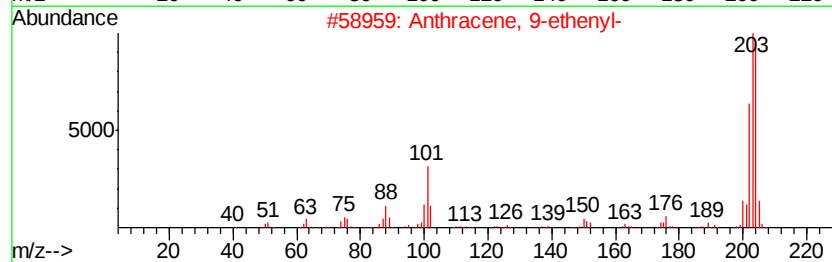
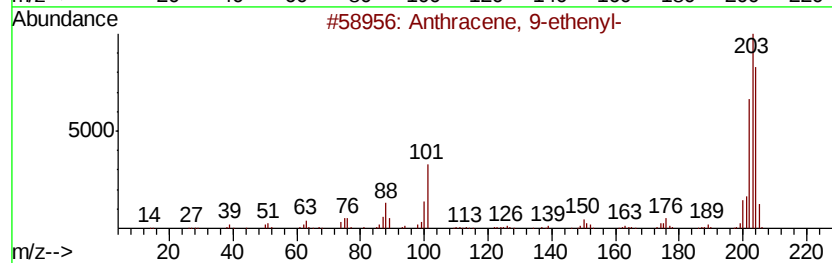
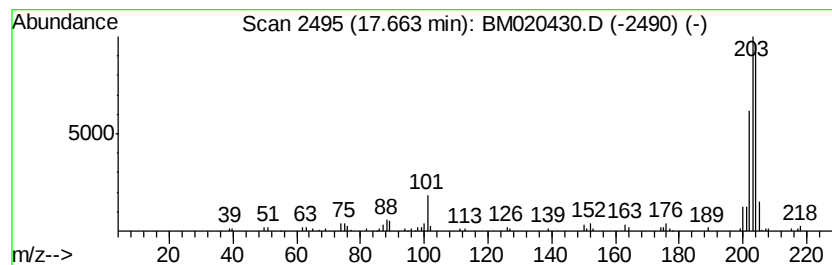
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Anthracene, 9-ethenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	4.40 ng/ul	190419	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

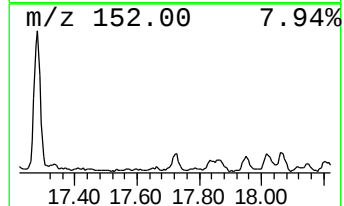
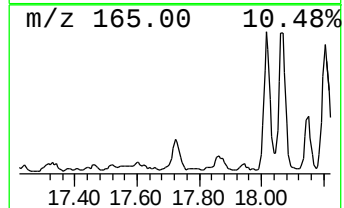
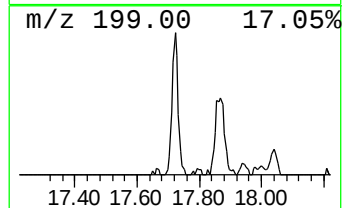
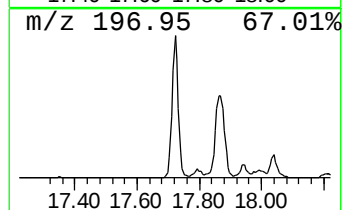
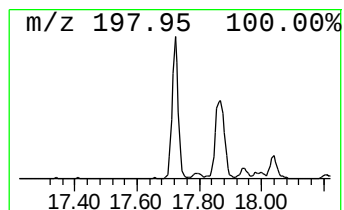
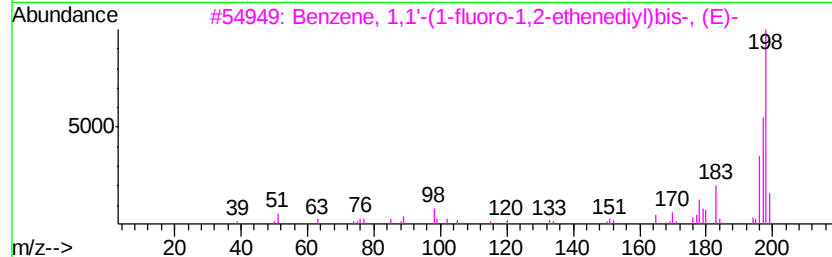
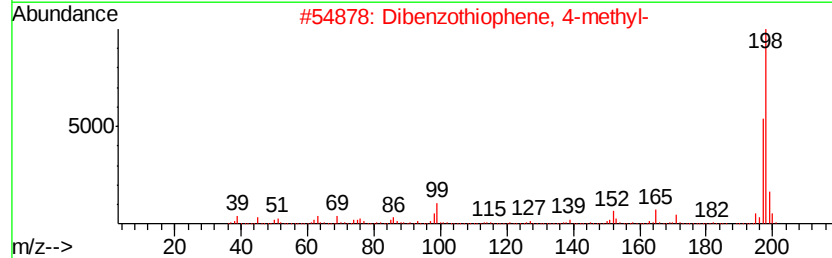
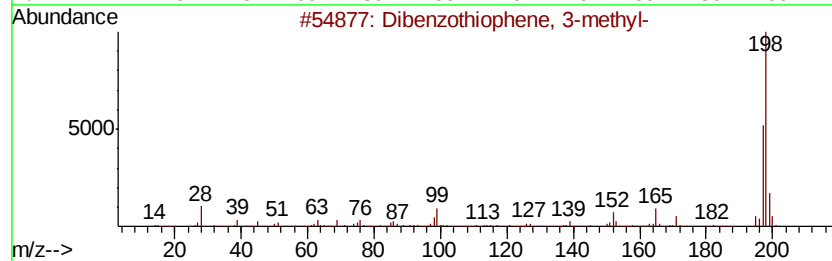
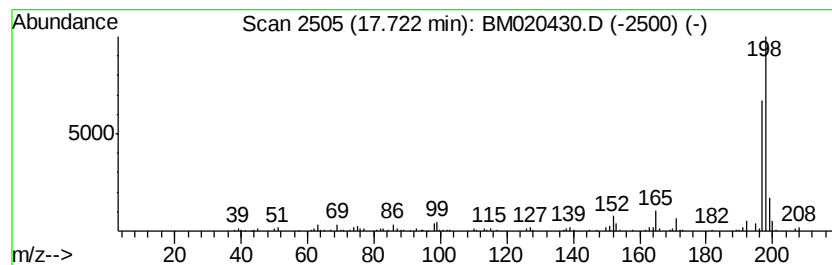
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Dibenzothiophene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	7.24 ng/ul	313434	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4			Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

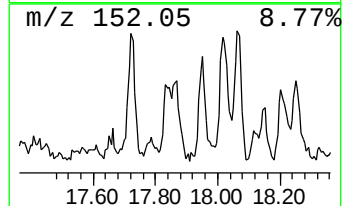
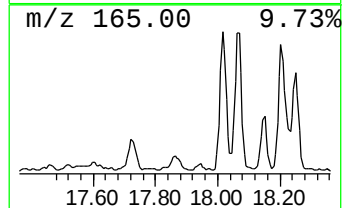
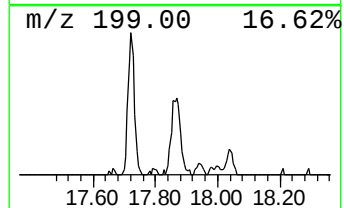
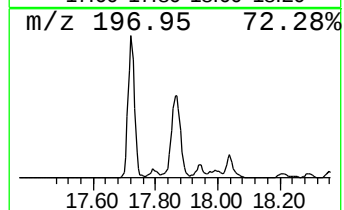
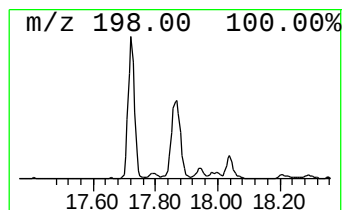
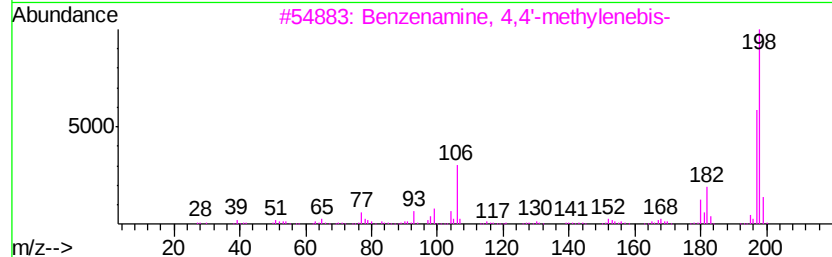
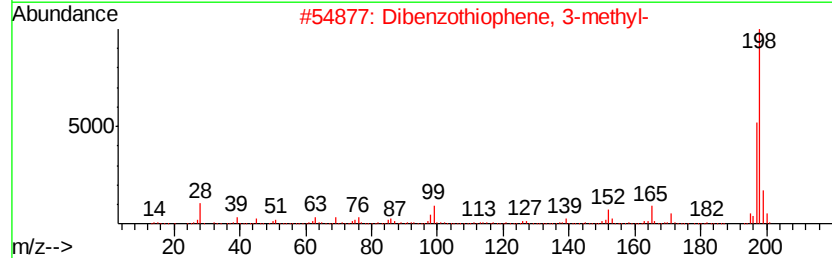
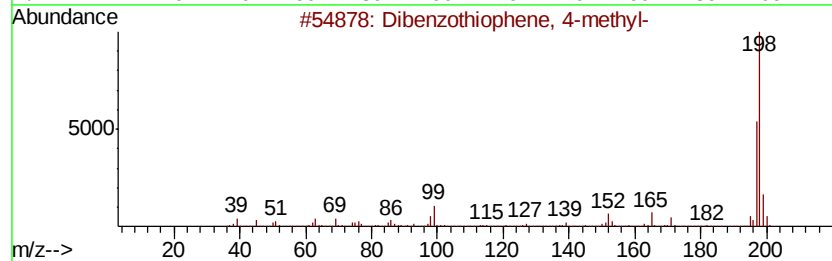
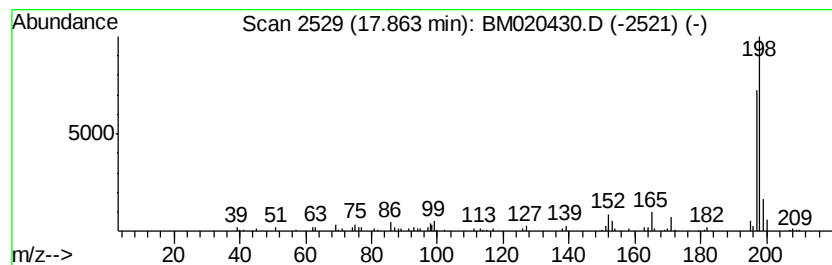
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dibenzothiophene, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.39 ng/ul	233478	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
5		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

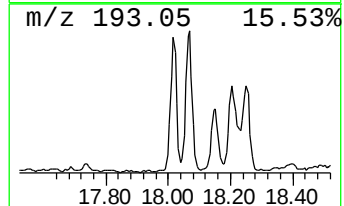
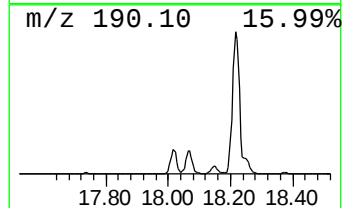
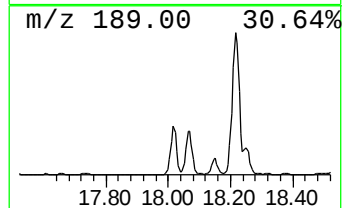
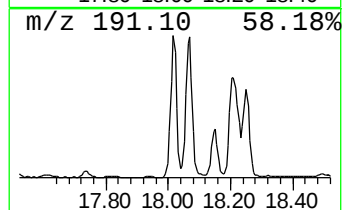
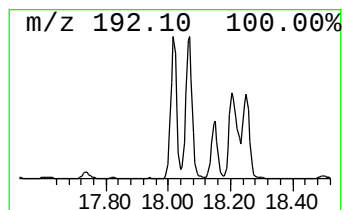
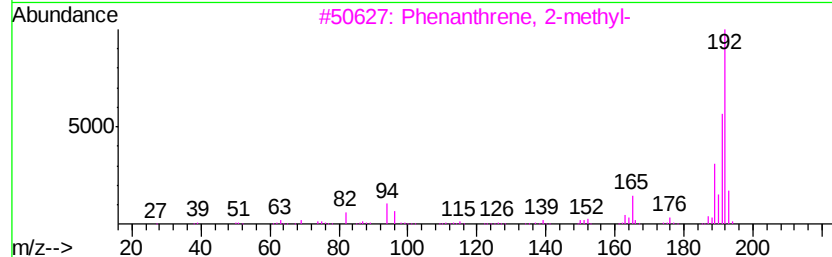
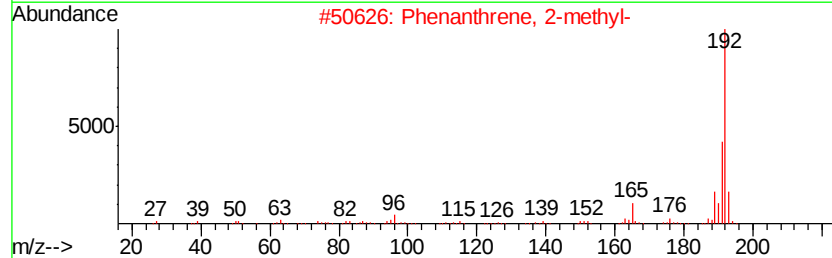
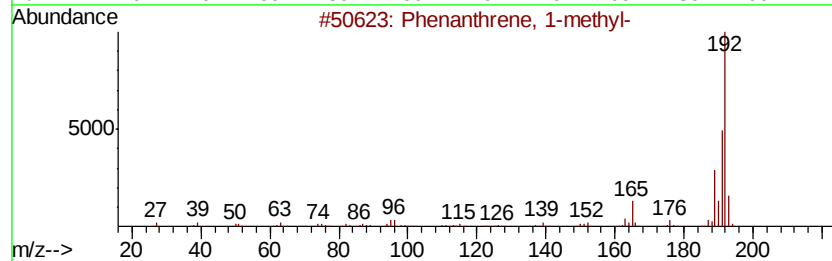
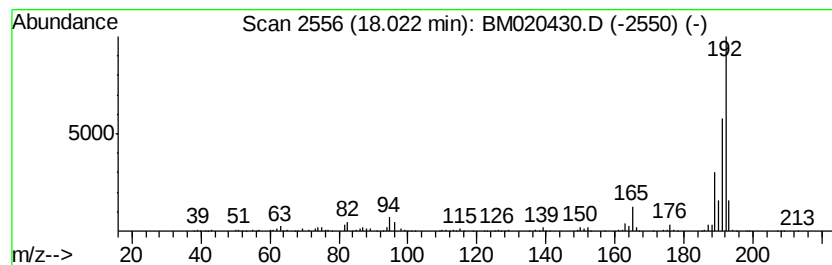
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	25.31 ng/ul	1096120	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020430.D
Acq On : 20 May 2019 15:22
Operator : JU/SJ
Sample : K2633-13ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJA5ME

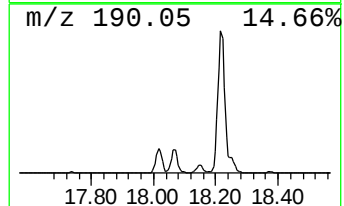
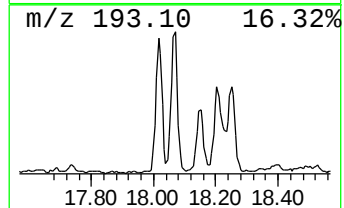
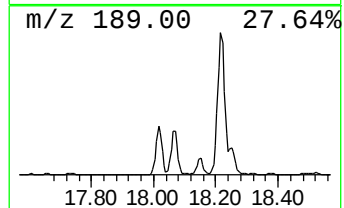
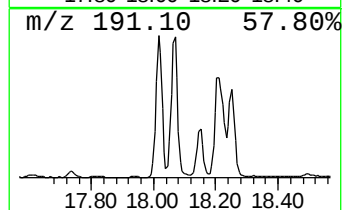
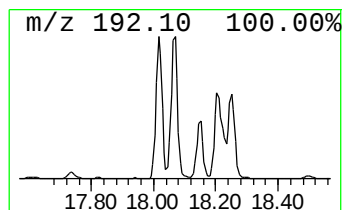
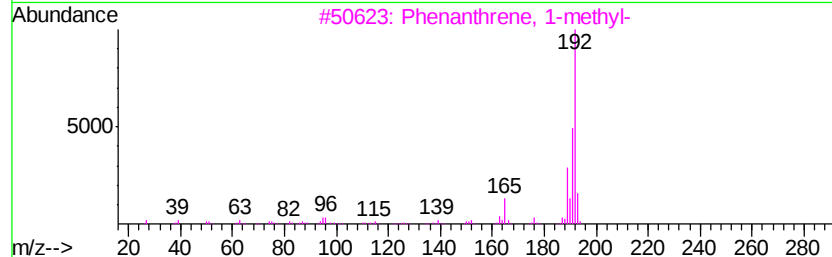
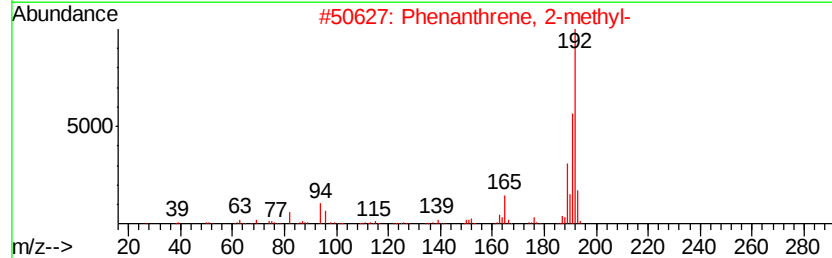
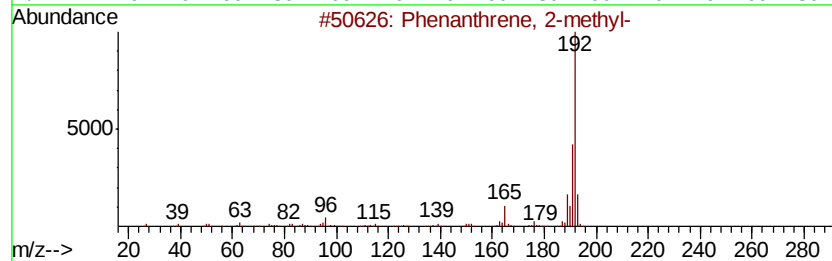
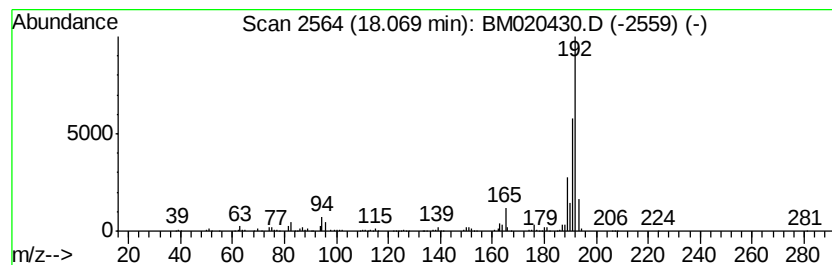
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	26.26 ng/ul	1137330	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020430.D
 Acq On : 20 May 2019 15:22
 Operator : JU/SJ
 Sample : K2633-13ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJA5ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.38	17.3	ng/ul	360872	1	7.73	417440	20.0
Benzene, 1,3,5-tr...	7.84	5.6	ng/ul	117179	1	7.73	417440	20.0
Indene	8.26	56.0	ng/ul	1168640	1	7.73	417440	20.0
Benzene, (1-methy...	9.95	14.1	ng/ul	396151	2	10.53	561964	20.0
1H-Indene, 1-methyl-	10.02	9.6	ng/ul	268805	2	10.53	561964	20.0
Naphthalene, 1-me...	12.42	101.5	ng/ul	2851930	2	10.53	561964	20.0
Naphthalene, 1-et...	13.41	15.2	ng/ul	505580	3	14.39	664837	20.0
Naphthalene, 2,6-...	13.55	13.8	ng/ul	459400	3	14.39	664837	20.0
Naphthalene, 2,3-...	13.70	33.3	ng/ul	1107900	3	14.39	664837	20.0
Naphthalene, 1,7-...	13.94	13.4	ng/ul	444290	3	14.39	664837	20.0
Benzene, 2,5-cycl...	13.97	3.5	ng/ul	116373	3	14.39	664837	20.0
Naphthalene, 2,3,...	14.86	5.9	ng/ul	195961	3	14.39	664837	20.0
Naphthalene, 1,4,...	15.00	8.5	ng/ul	281071	3	14.39	664837	20.0
Naphthalene, 1,6,...	15.06	3.8	ng/ul	126207	3	14.39	664837	20.0
Naphthalene, 1,4,...	15.17	5.1	ng/ul	169738	3	14.39	664837	20.0
1H-Phenylene	15.26	4.0	ng/ul	132514	3	14.39	664837	20.0
Dibenzofuran, 4-m...	15.73	4.5	ng/ul	148954	3	14.39	664837	20.0
4-Cyclohepta-2,4,...	16.11	2.5	ng/ul	107683	4	17.15	866059	20.0
9H-Fluorene, 2-me...	16.45	12.3	ng/ul	531681	4	17.15	866059	20.0
9H-Fluorene, 1-me...	16.49	5.2	ng/ul	223806	4	17.15	866059	20.0
9H-Fluorene, 3-me...	16.59	5.0	ng/ul	217680	4	17.15	866059	20.0
unknown-01	16.72	3.1	ng/ul	132996	4	17.15	866059	20.0
unknown-02	16.80	2.8	ng/ul	120467	4	17.15	866059	20.0
Dibenzothiophene	16.96	13.8	ng/ul	597119	4	17.15	866059	20.0
Anthracene, 9-eth...	17.66	4.4	ng/ul	190419	4	17.15	866059	20.0
Dibenzothiophene,...	17.72	7.2	ng/ul	313434	4	17.15	866059	20.0
Dibenzothiophene,...	17.86	5.4	ng/ul	233478	4	17.15	866059	20.0
Phenanthrene, 1-m...	18.02	25.3	ng/ul	1096120	4	17.15	866059	20.0
Phenanthrene, 2-m...	18.07	26.3	ng/ul	1137330	4	17.15	866059	20.0