

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020390.D
 Acq On : 18 May 2019 07:34
 Operator : JU/SJ
 Sample : K2604-20 20X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91

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	3.940	157	162	174	rVB	776815	1098737	2.23%	0.261%
2	5.375	400	406	421	rBV	1342625	2657159	5.39%	0.630%
3	5.728	459	466	478	rBV2	1530914	3295768	6.68%	0.782%
4	7.375	740	746	755	rVV3	1993513	3776712	7.66%	0.896%
5	7.463	755	761	770	rVB	510200	778129	1.58%	0.185%
6	8.269	890	898	906	rVV	5300742	8605247	17.45%	2.041%
7	8.987	1014	1020	1029	rVV	387337	726479	1.47%	0.172%
8	9.951	1172	1184	1190	rBV3	1088339	2826159	5.73%	0.670%
9	10.016	1190	1195	1200	rBV	931499	1831826	3.71%	0.435%
10	10.610	1284	1296	1301	rVV	22410485	49321720	100.00%	11.700%
11	10.698	1307	1311	1321	rVB	361941	660832	1.34%	0.157%
12	11.933	1512	1521	1527	rBV3	516541	942555	1.91%	0.224%
13	12.216	1554	1569	1574	rBV	18007666	32660436	66.22%	7.748%
14	12.428	1592	1605	1611	rBV	11381824	18983497	38.49%	4.503%
15	13.210	1726	1738	1752	rVV2	2050544	4023899	8.16%	0.955%
16	13.404	1765	1771	1783	rVB	809497	1895270	3.84%	0.450%
17	13.539	1787	1794	1795	rBV	2548845	3295187	6.68%	0.782%
18	13.704	1814	1822	1827	rBV	4456572	7964259	16.15%	1.889%
19	13.757	1827	1831	1839	rVB	2842787	4059026	8.23%	0.963%
20	13.839	1839	1845	1850	rVB	3458576	4852363	9.84%	1.151%
21	13.939	1856	1862	1866	rBV	1926692	3126045	6.34%	0.742%
22	14.116	1882	1892	1901	rVB	10465520	16981977	34.43%	4.029%
23	14.263	1911	1917	1925	rBV	677726	982730	1.99%	0.233%
24	14.357	1925	1933	1936	rBV	1336504	2187007	4.43%	0.519%
25	14.451	1942	1949	1956	rBV3	1031580	2231672	4.52%	0.529%
26	14.586	1966	1972	1981	rVB	382719	882129	1.79%	0.209%
27	14.780	1994	2005	2012	rBV2	1422687	2660377	5.39%	0.631%
28	14.857	2013	2018	2022	rBV	882677	1214873	2.46%	0.288%
29	14.986	2033	2040	2045	rBV2	1533309	2778653	5.63%	0.659%
30	15.051	2045	2051	2054	rVV2	743026	1215578	2.46%	0.288%
31	15.151	2063	2068	2070	rBV	549268	897303	1.82%	0.213%
32	15.216	2074	2079	2082	rVB2	538364	715184	1.45%	0.170%
33	15.257	2082	2086	2091	rVB	1622890	2181989	4.42%	0.518%
34	15.380	2099	2107	2111	rVB2	1171765	1937917	3.93%	0.460%

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35	15.445	2111	2118	2127	rVB	6582800	11288890	22.89%	2.678%
36	15.639	2146	2151	2160	rVB3	564491	1004595	2.04%	0.238%
37	15.721	2161	2165	2170	rBV2	530918	856609	1.74%	0.203%
38	15.774	2170	2174	2181	rVB2	640156	1106620	2.24%	0.263%
39	15.851	2181	2187	2199	rBV2	1816369	3647082	7.39%	0.865%
40	16.080	2221	2226	2227	rBV	638191	708849	1.44%	0.168%
41	16.439	2279	2287	2291	rVV2	1380445	3097367	6.28%	0.735%
42	16.486	2291	2295	2300	rVV	1028976	1324396	2.69%	0.314%
43	16.586	2307	2312	2317	rBV	891826	1278705	2.59%	0.303%
44	16.792	2343	2347	2353	rVB2	556562	803506	1.63%	0.191%
45	16.874	2355	2361	2365	rVB2	584335	820262	1.66%	0.195%
46	16.951	2365	2374	2383	rVB	1841028	3273526	6.64%	0.777%
47	17.139	2400	2406	2408	rBV	528778	850430	1.72%	0.202%
48	17.198	2408	2416	2421	rVB	21793219	36925697	74.87%	8.760%
49	17.280	2424	2430	2434	rBV	5257118	7448922	15.10%	1.767%
50	17.610	2481	2486	2489	rVV2	464542	624597	1.27%	0.148%
51	17.651	2489	2493	2499	rVV	620092	815600	1.65%	0.193%
52	17.715	2499	2504	2511	rVB2	1032625	1567839	3.18%	0.372%
53	17.857	2520	2528	2536	rVB2	613212	1290020	2.62%	0.306%
54	18.010	2549	2554	2558	rVV	4305971	6185880	12.54%	1.467%
55	18.062	2558	2563	2571	rVV	4782519	6576406	13.33%	1.560%
56	18.145	2571	2577	2582	rVV	1578213	2329366	4.72%	0.553%
57	18.210	2582	2588	2592	rVV2	5547157	10384039	21.05%	2.463%
58	18.245	2592	2594	2601	rVB	2862354	3283060	6.66%	0.779%
59	18.515	2634	2640	2644	rVV	1949800	2921038	5.92%	0.693%
60	18.757	2677	2681	2686	rVV3	442420	654912	1.33%	0.155%
61	18.927	2705	2710	2715	rBV	2028922	3558240	7.21%	0.844%
62	18.992	2715	2721	2724	rBV2	841331	1553220	3.15%	0.368%
63	19.021	2724	2726	2730	rVB	980452	1108086	2.25%	0.263%
64	19.068	2730	2734	2736	rBV	450163	627137	1.27%	0.149%
65	19.204	2750	2757	2763	rBV	9662283	13293081	26.95%	3.153%
66	19.351	2777	2782	2787	rBV	3534219	4435358	8.99%	1.052%
67	19.468	2799	2802	2808	rVB	520884	714271	1.45%	0.169%
68	19.574	2808	2820	2826	rBV	13056182	19845352	40.24%	4.708%
69	19.886	2867	2873	2881	rVB2	966304	2188904	4.44%	0.519%
70	20.027	2890	2897	2898	rBV3	1010362	1659218	3.36%	0.394%
71	20.056	2898	2902	2909	rVB	2778542	3990906	8.09%	0.947%

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72	20.156	2915	2919	2924	rBV	2258112	2938617	5.96%	0.697%
73	20.215	2925	2929	2933	rBV	1439590	1763564	3.58%	0.418%
74	20.309	2940	2945	2949	rBV3	403891	685717	1.39%	0.163%
75	20.356	2949	2953	2957	rVV	1212252	1746215	3.54%	0.414%
76	20.403	2957	2961	2969	rVB	1860735	2750974	5.58%	0.653%
77	20.762	3017	3022	3027	rBV	333602	814131	1.65%	0.193%
78	20.974	3054	3058	3061	rVV	831645	1187539	2.41%	0.282%
79	21.009	3061	3064	3067	rVV	1224582	1499489	3.04%	0.356%
80	21.045	3067	3070	3074	rVV	669096	934337	1.89%	0.222%
81	21.315	3110	3116	3121	rBV2	6225386	10227281	20.74%	2.426%
82	21.368	3121	3125	3130	rVV	4375408	5768359	11.70%	1.368%
83	21.533	3149	3153	3161	rVB3	690185	973261	1.97%	0.231%
84	21.880	3205	3212	3217	rVV2	1208515	2567851	5.21%	0.609%
85	21.927	3217	3220	3225	rVV	633828	859946	1.74%	0.204%
86	21.997	3226	3232	3235	rVV2	432649	924718	1.87%	0.219%
87	22.033	3235	3238	3242	rVV2	530354	845216	1.71%	0.201%
88	22.074	3242	3245	3248	rVV2	635030	945630	1.92%	0.224%
89	22.109	3248	3251	3257	rVB3	898250	1287214	2.61%	0.305%
90	22.180	3258	3263	3271	rVB2	350772	620554	1.26%	0.147%
91	22.921	3381	3389	3400	rBV2	1652962	5408930	10.97%	1.283%
92	23.086	3411	3417	3429	rVB	762891	1384478	2.81%	0.328%
93	23.403	3464	3471	3480	rBV	1419060	2733661	5.54%	0.648%
94	23.503	3480	3488	3495	rVV	2930429	5556649	11.27%	1.318%
95	23.597	3499	3504	3508	rVV	565039	1103686	2.24%	0.262%
96	23.644	3508	3512	3519	rVB2	514114	998882	2.03%	0.237%
97	24.474	3648	3653	3666	rVB3	416595	1023895	2.08%	0.243%
98	25.897	3885	3895	3906	rVB	806803	2444295	4.96%	0.580%
99	26.609	4007	4016	4034	rVB	712966	2310490	4.68%	0.548%
100	26.980	4072	4079	4092	rVB	301120	948265	1.92%	0.225%

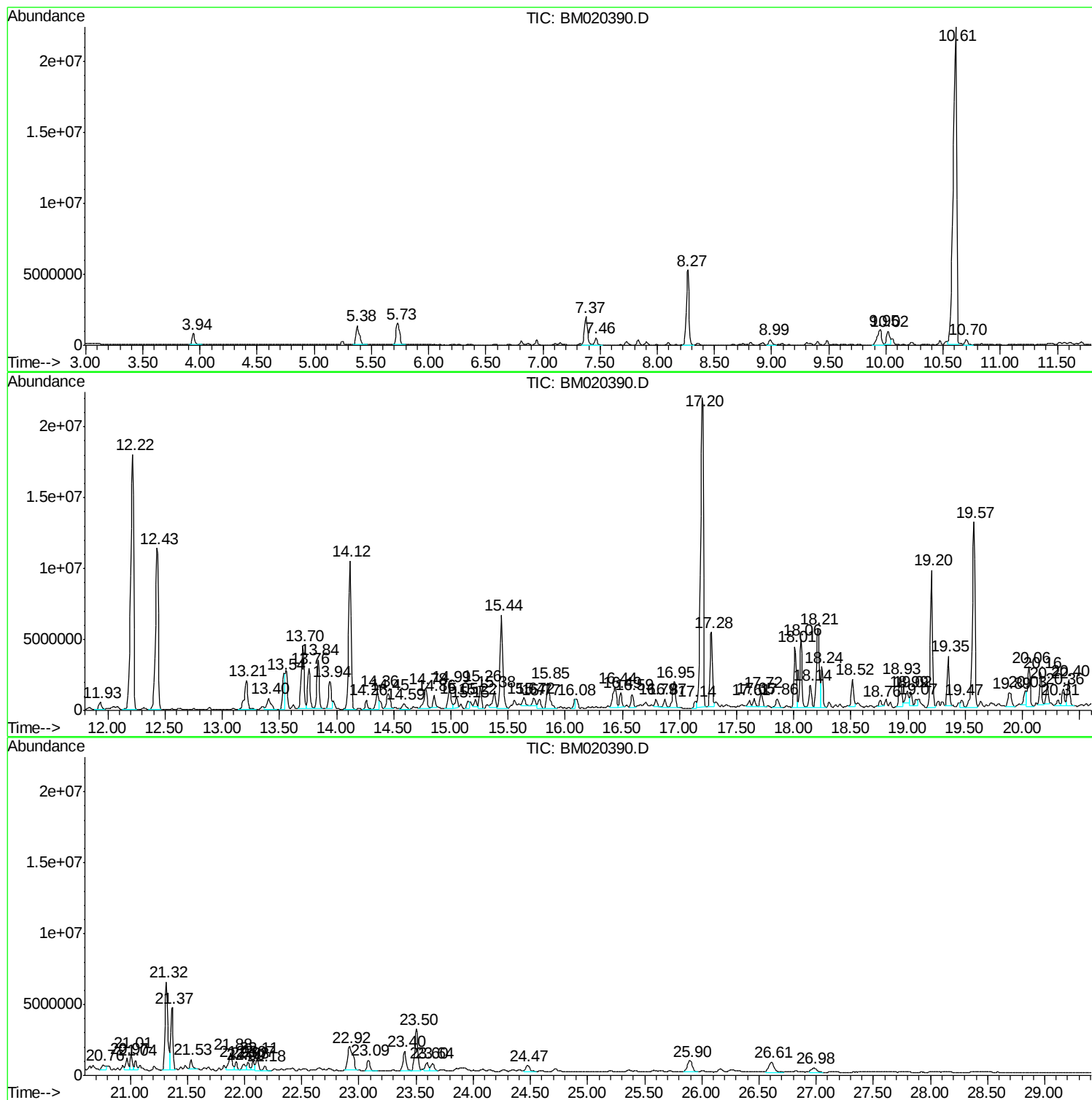
Sum of corrected areas: 421544524

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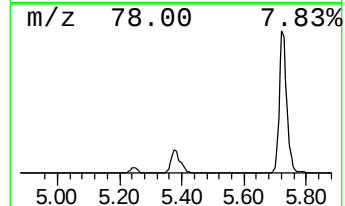
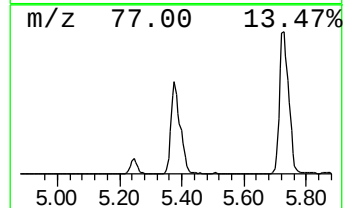
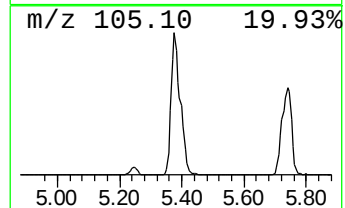
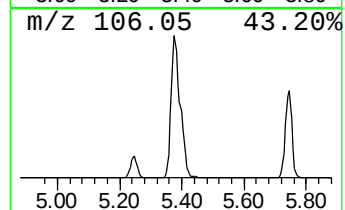
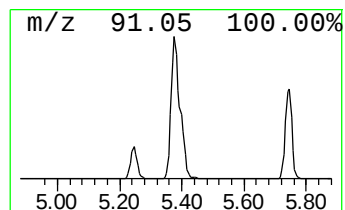
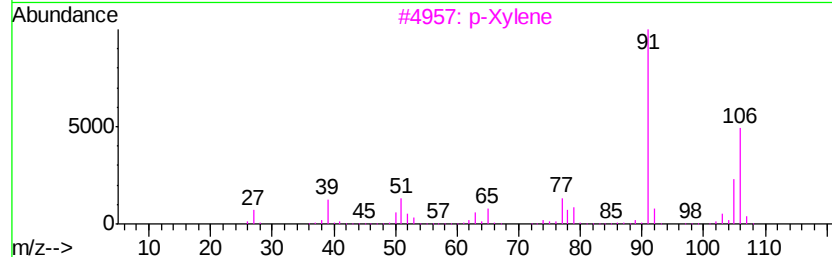
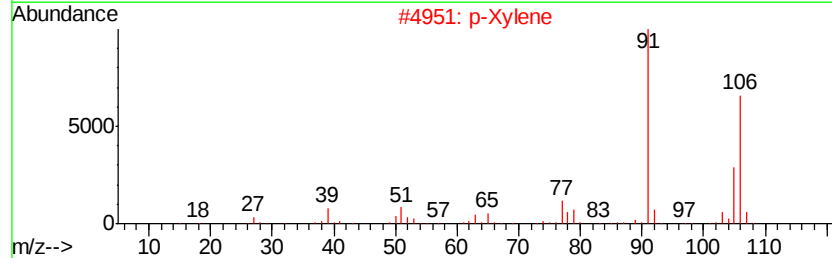
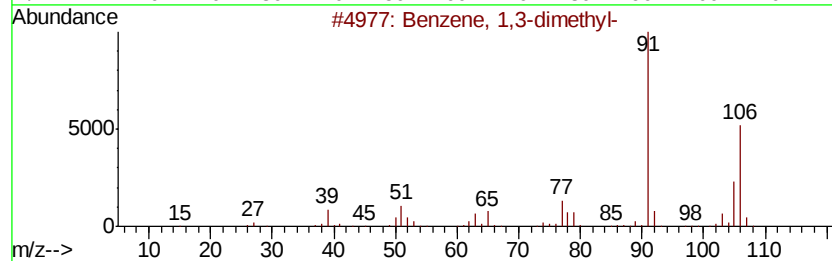
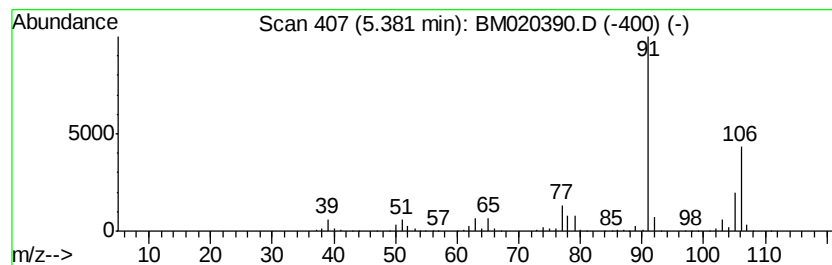
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	68.30 ng/ul	2657160	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2		p-Xylene	106	C8H10	000106-42-3	95
3		p-Xylene	106	C8H10	000106-42-3	94
4		o-Xylene	106	C8H10	000095-47-6	94
5		o-Xylene	106	C8H10	000095-47-6	94



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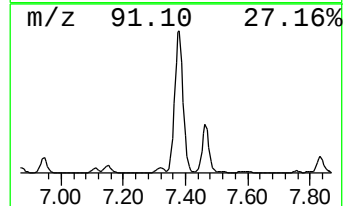
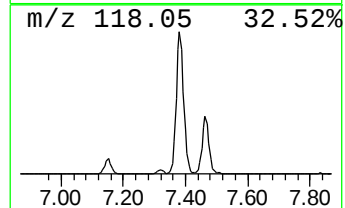
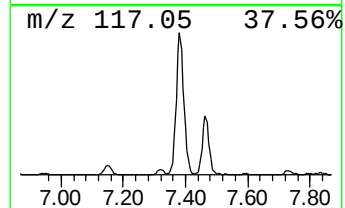
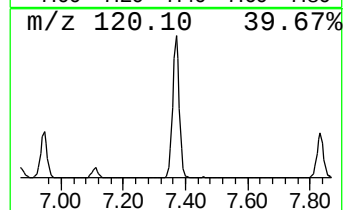
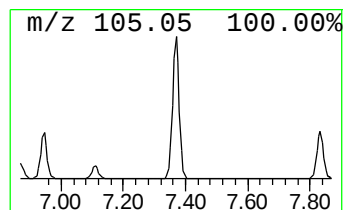
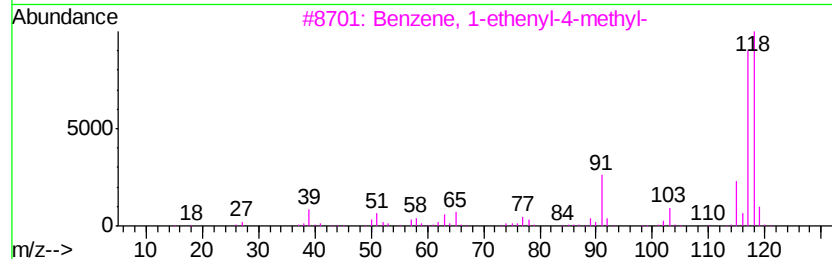
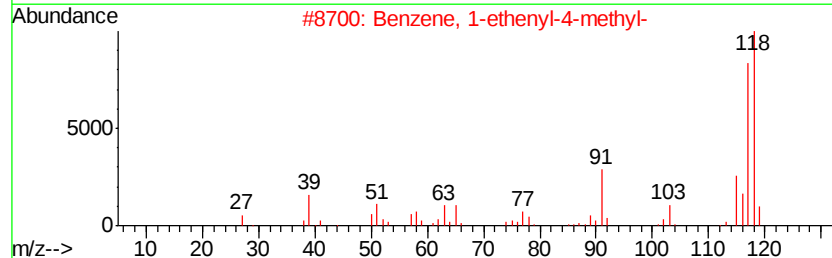
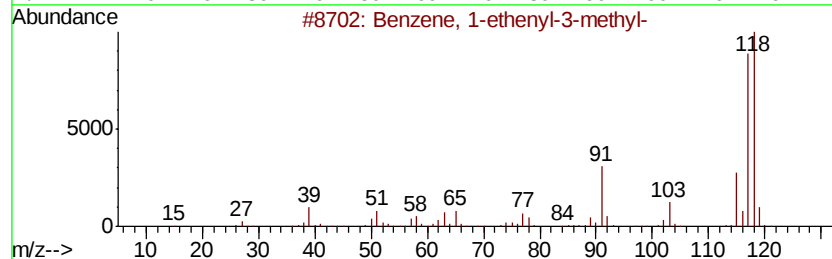
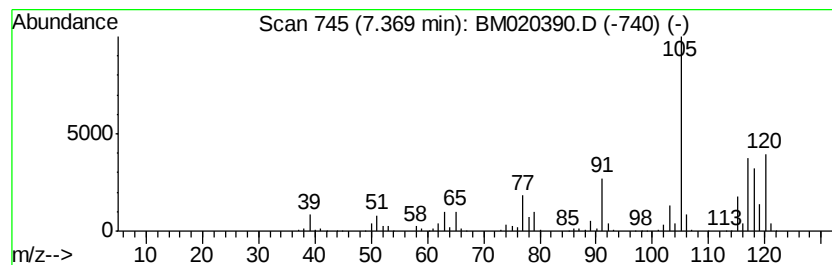
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	97.07 ng/ul	3776710	1,4-Dichlorobenzene-d4	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60	
2	Benzene,	1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55	
3	Benzene,	1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55	
4	Benzene,	1-ethenyl-3-methyl-	118	C9H10	000100-80-1	55	
5	Benzene,	1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55	



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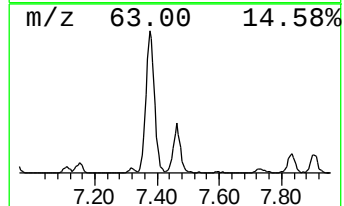
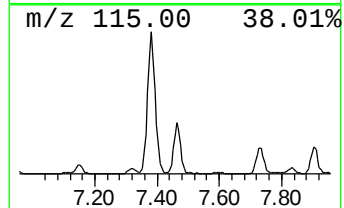
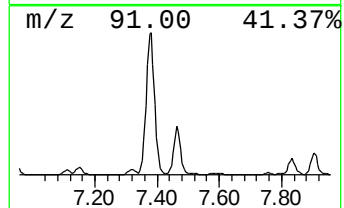
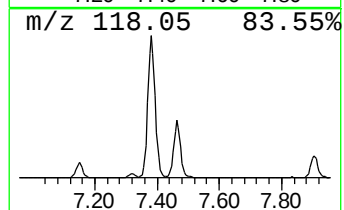
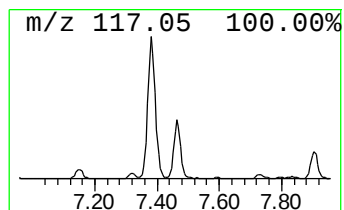
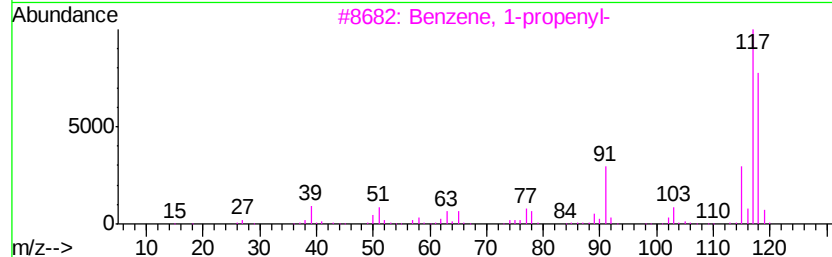
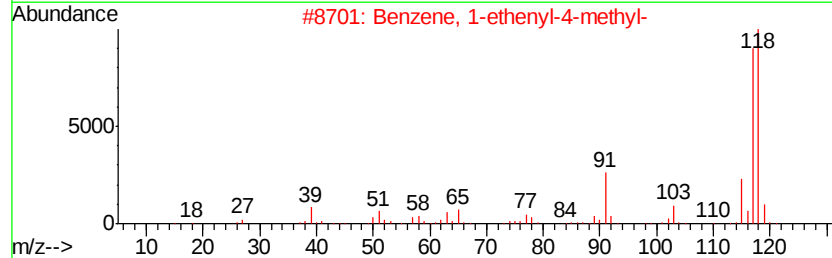
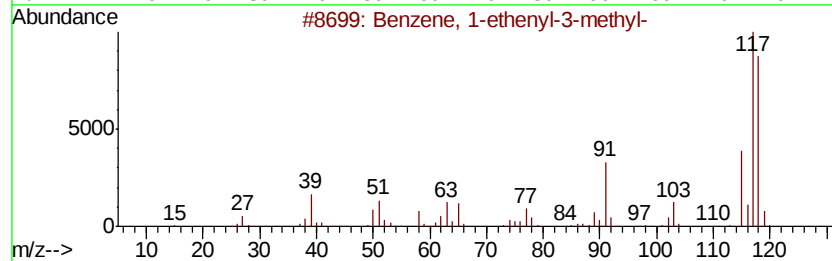
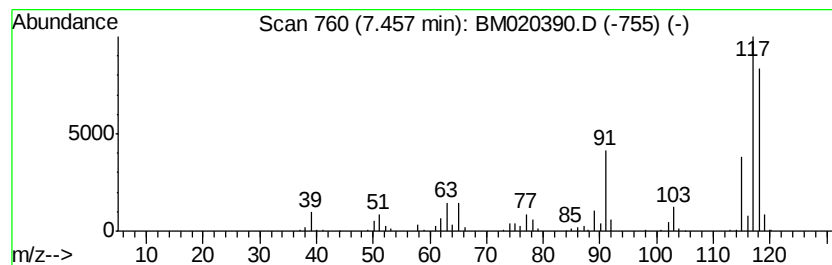
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	20.00 ng/ul	778129	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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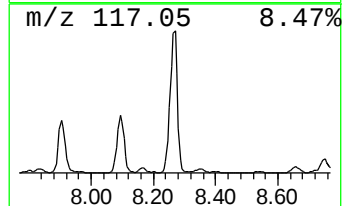
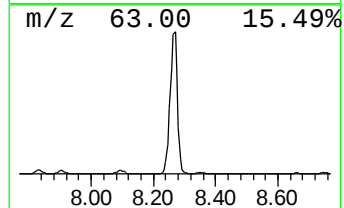
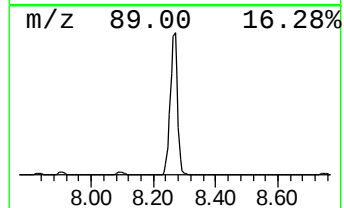
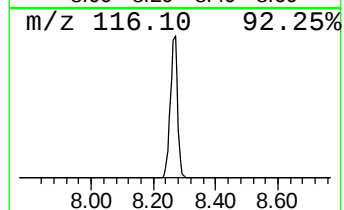
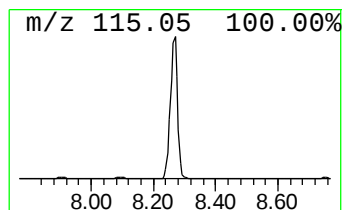
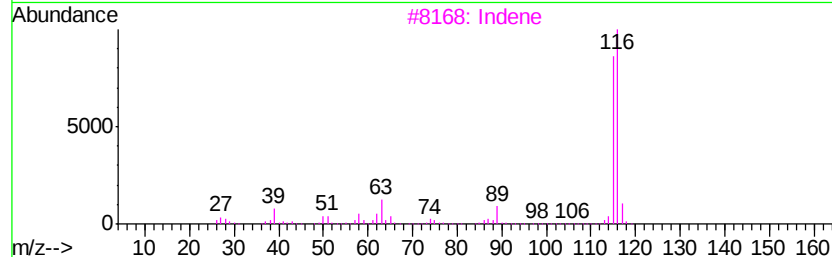
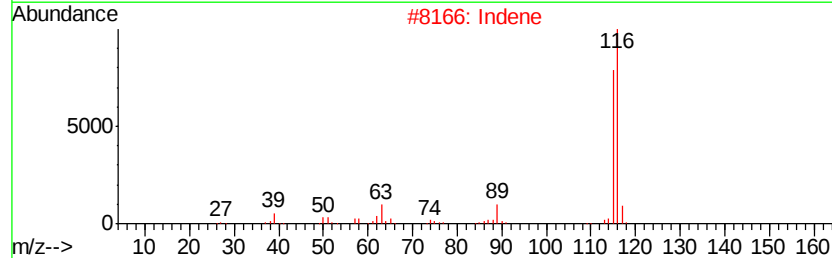
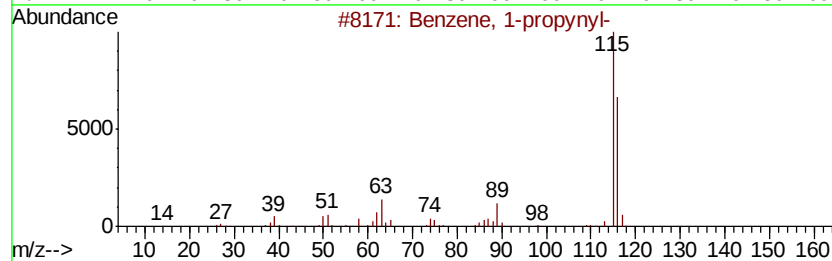
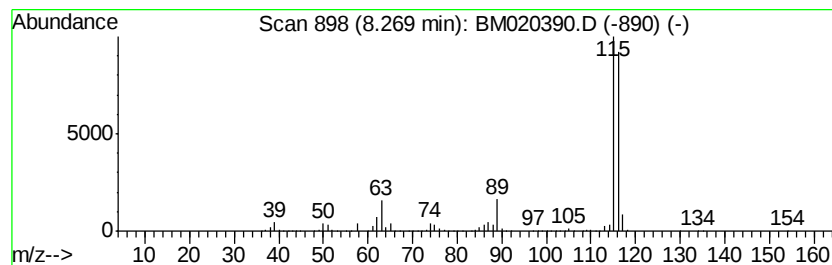
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	221.18 ng/ul	8605250	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2		Indene	116	C9H8	000095-13-6	93
3		Indene	116	C9H8	000095-13-6	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Sample : K2604-20 20X
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Instrument :
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ClientSampleId :
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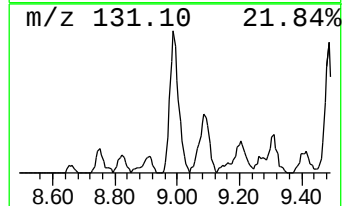
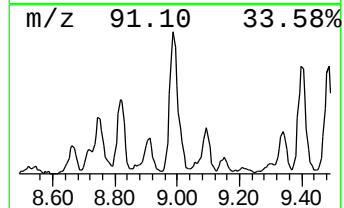
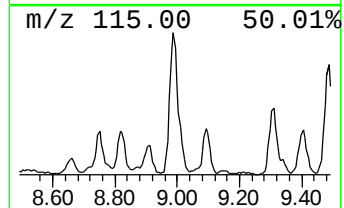
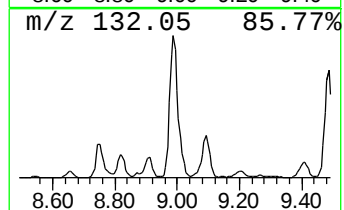
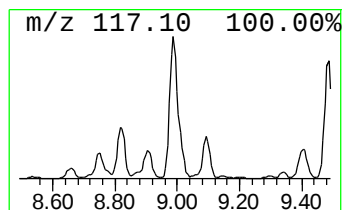
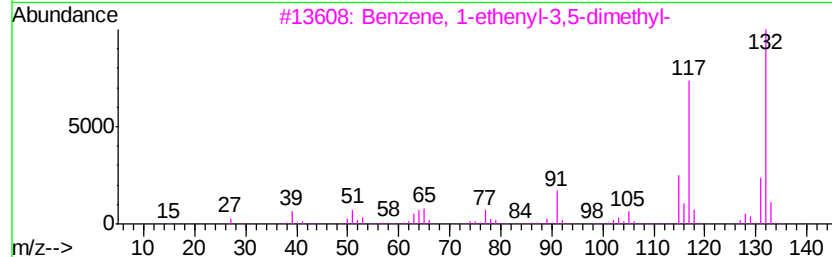
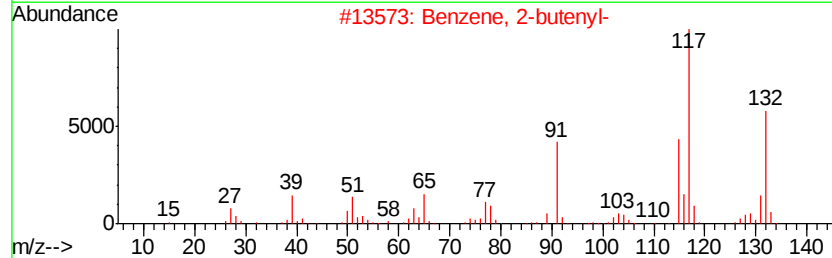
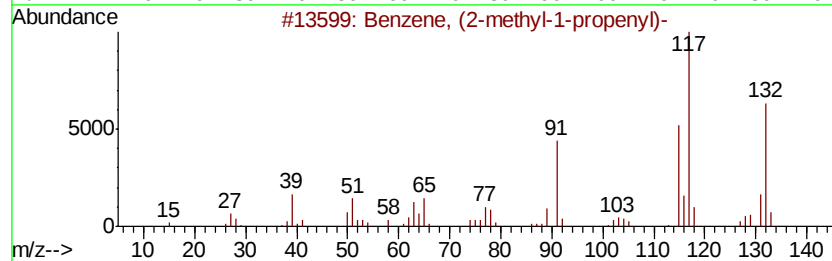
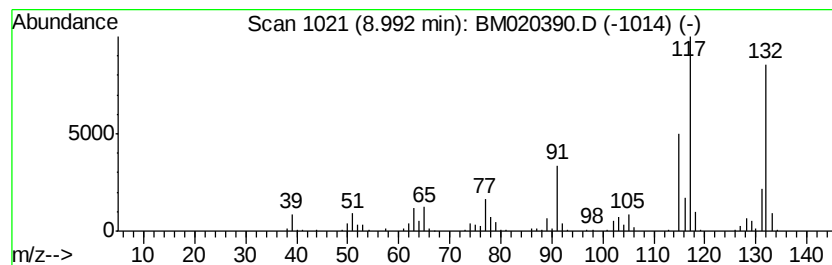
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	18.67 ng/ul	726479	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	96
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Sample : K2604-20 20X
Misc :
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ClientSampleId :
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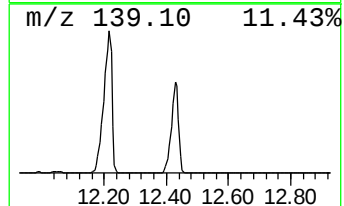
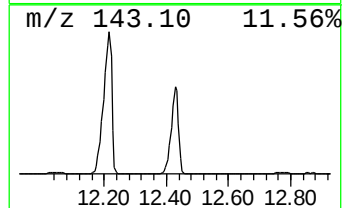
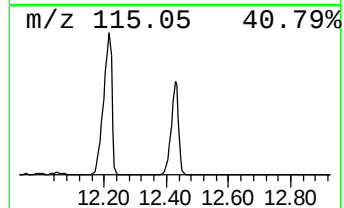
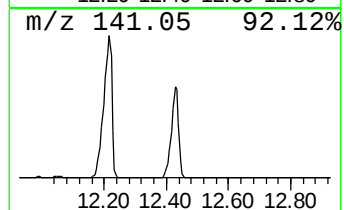
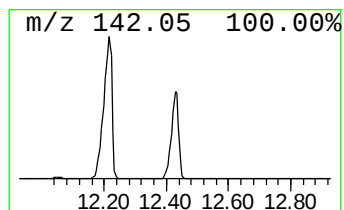
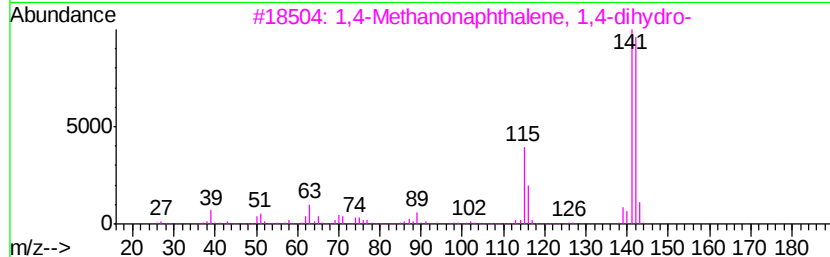
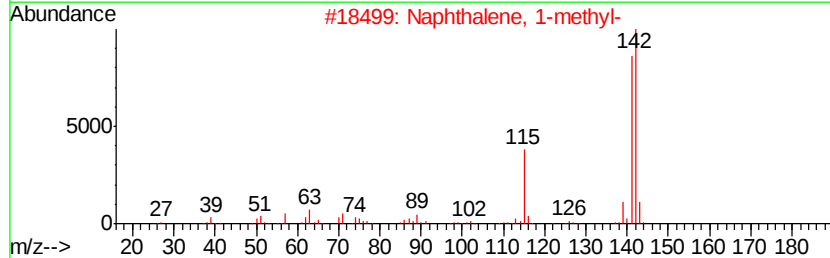
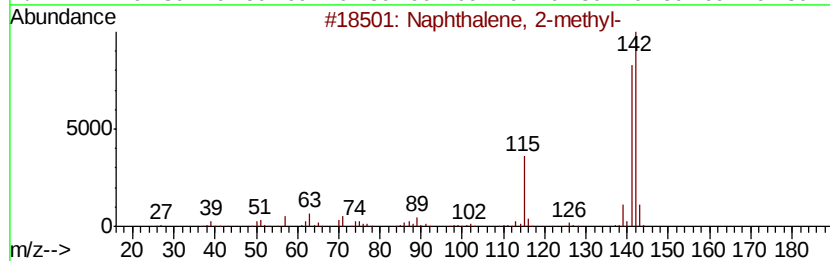
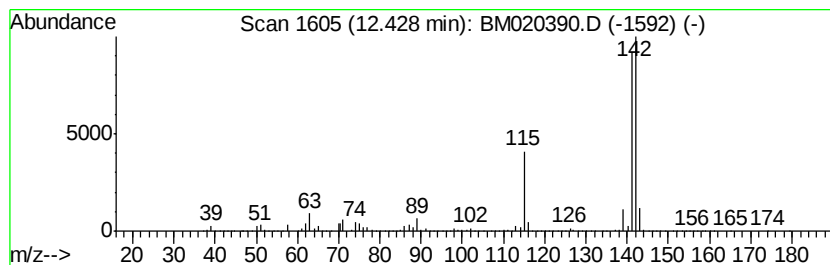
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	7.70 ng/ul	18983500	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Sample : K2604-20 20X
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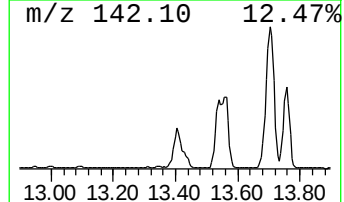
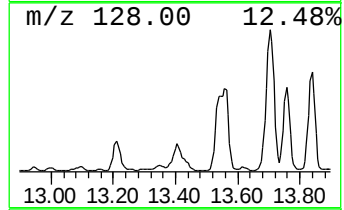
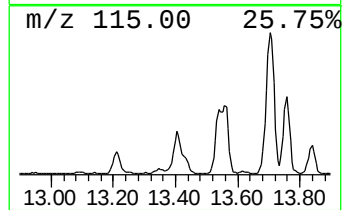
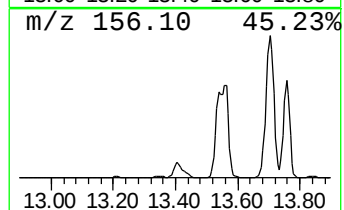
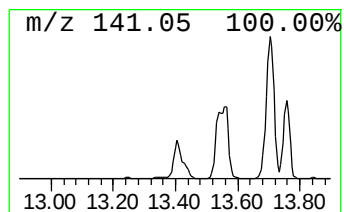
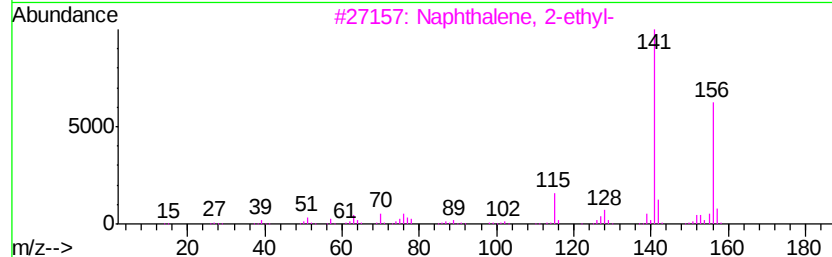
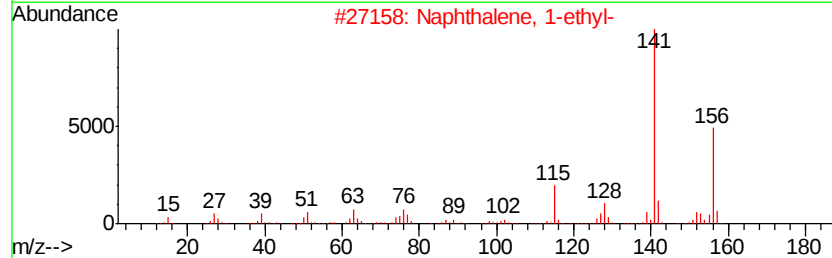
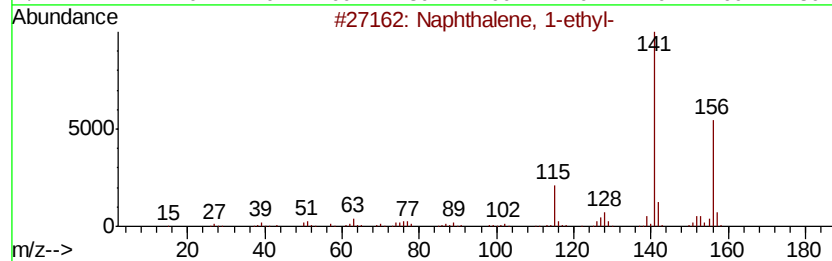
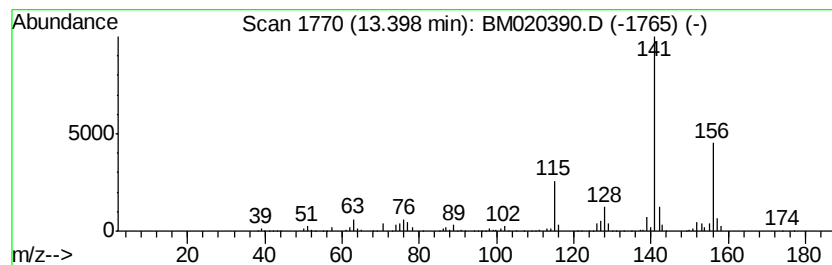
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	17.33 ng/ul	1895270	Acenaphthene-d10	14.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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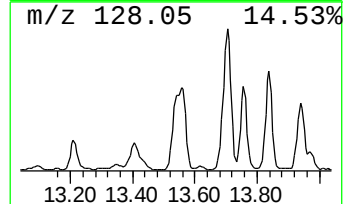
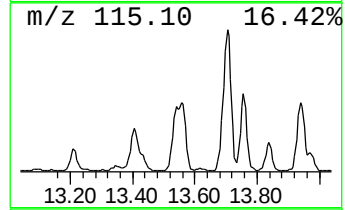
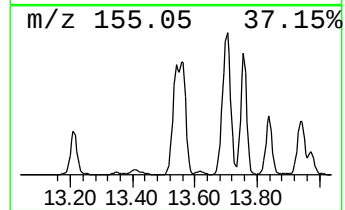
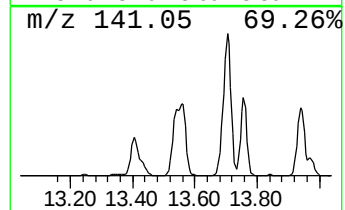
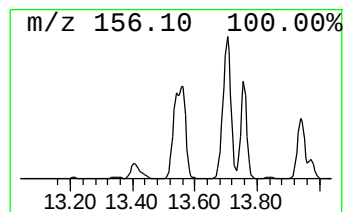
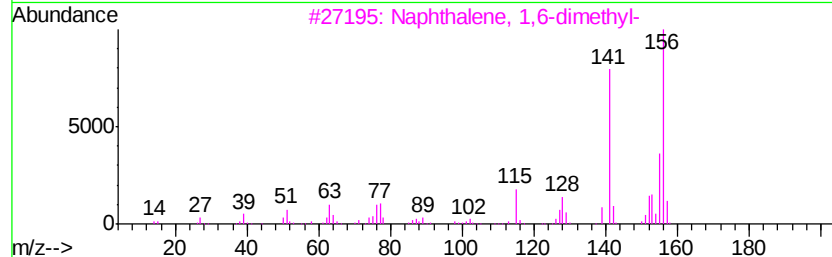
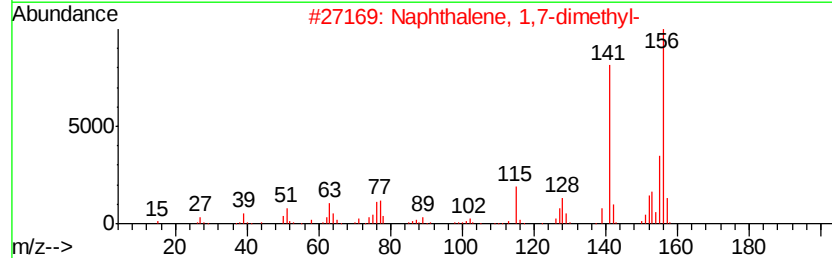
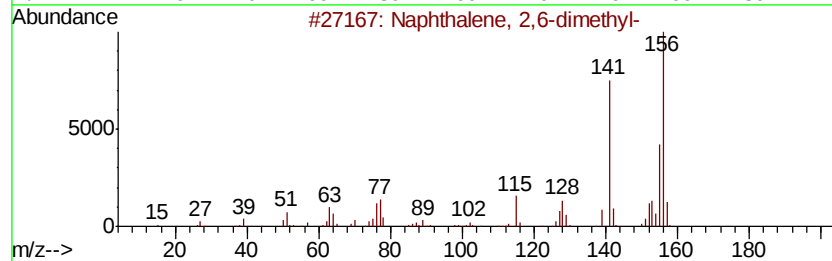
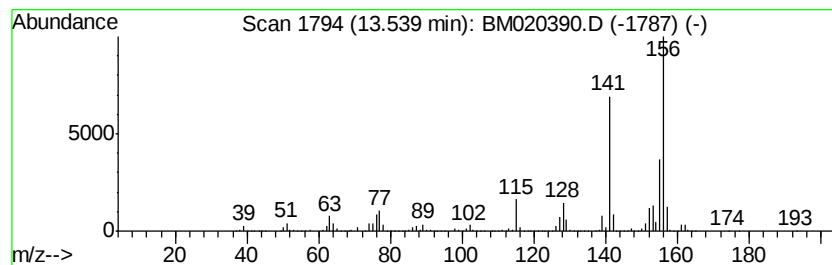
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	30.13 ng/ul	3295190	Acenaphthene-d10	14.38

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



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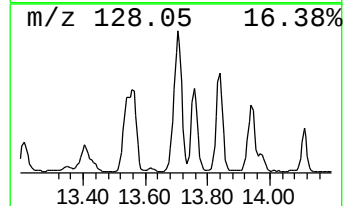
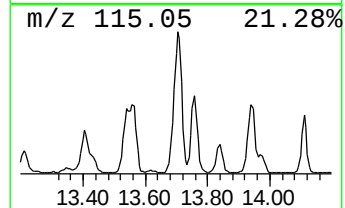
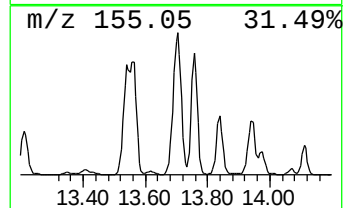
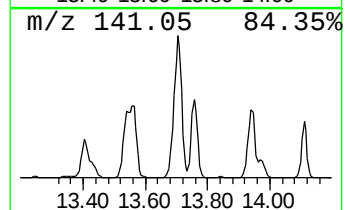
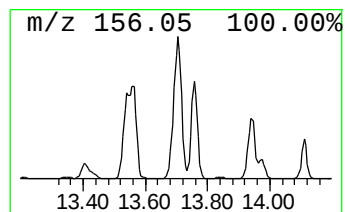
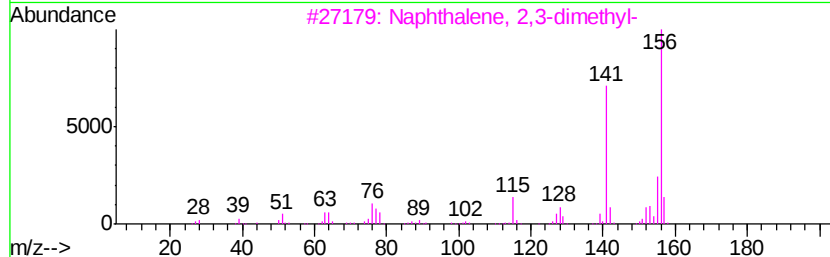
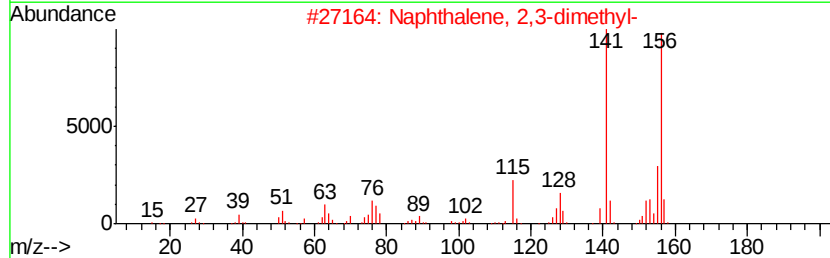
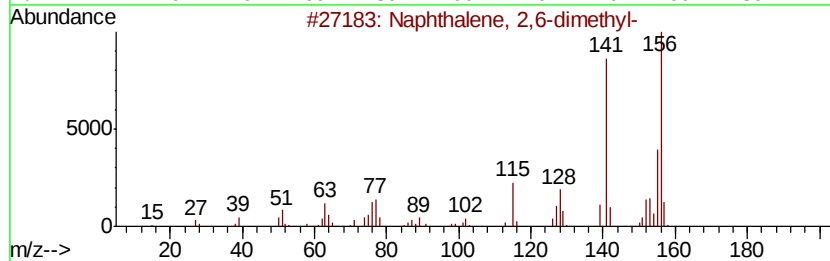
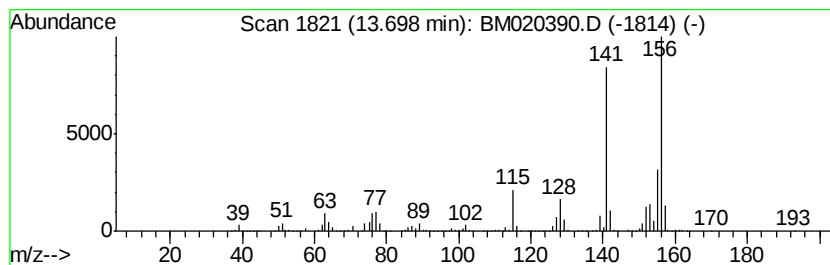
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	72.83 ng/ul	7964260	Acenaphthene-d10	14.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId :
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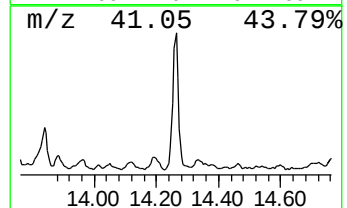
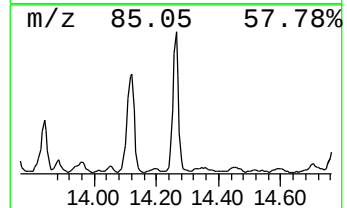
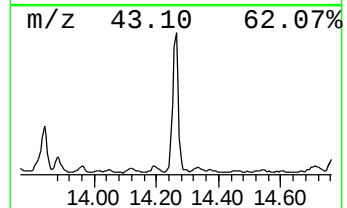
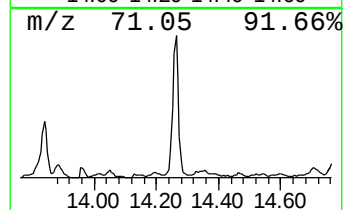
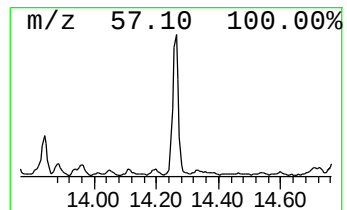
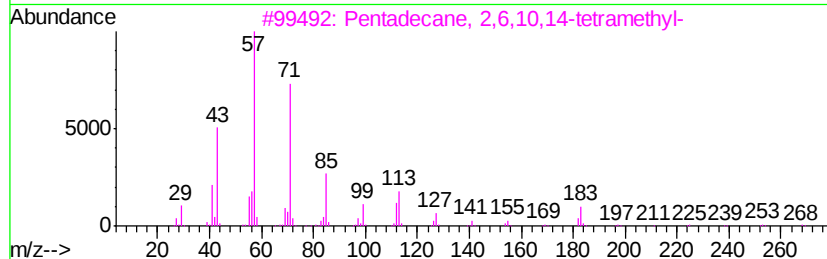
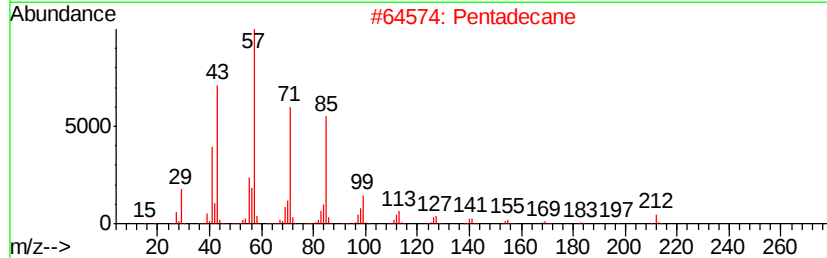
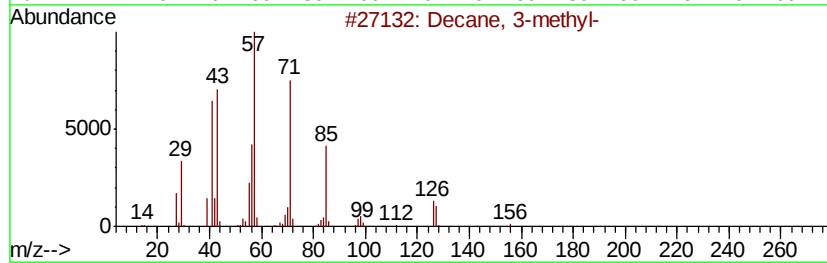
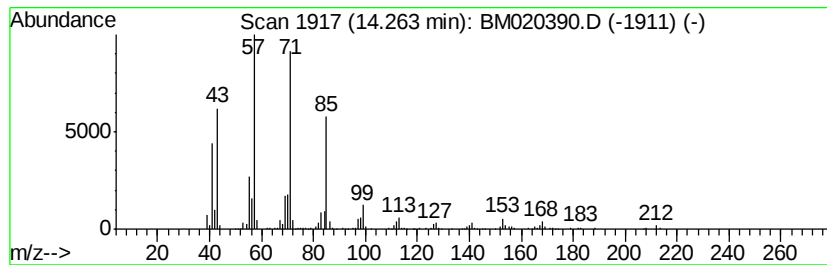
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	8.99 ng/ul	982730	Acenaphthene-d10	14.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	80
2			Pentadecane	212	C15H32	000629-62-9	62
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
4			Tetradecane	198	C14H30	000629-59-4	58
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ91

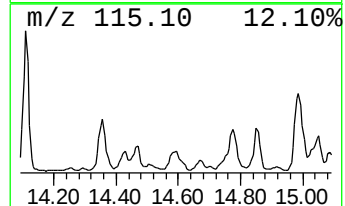
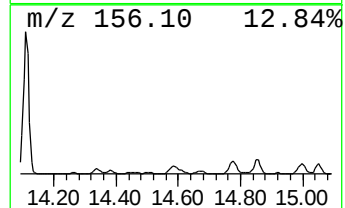
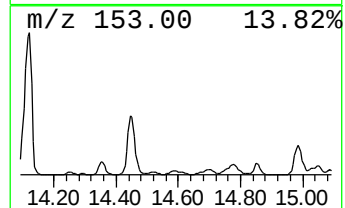
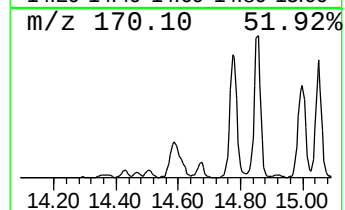
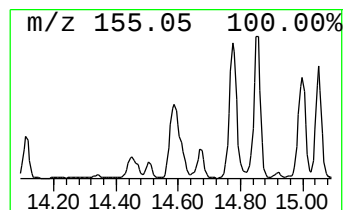
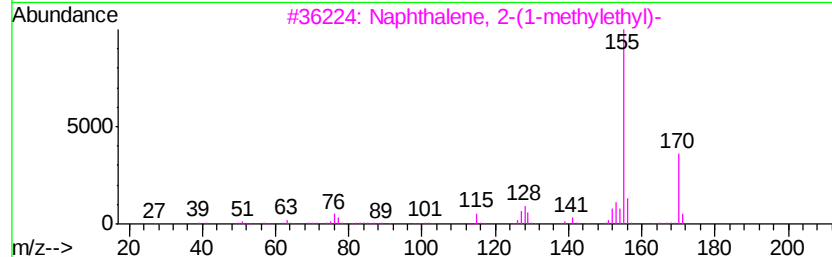
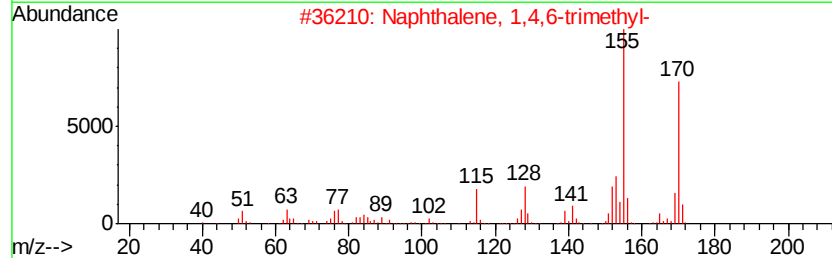
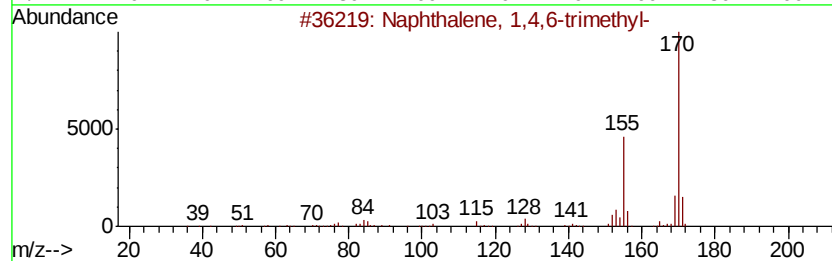
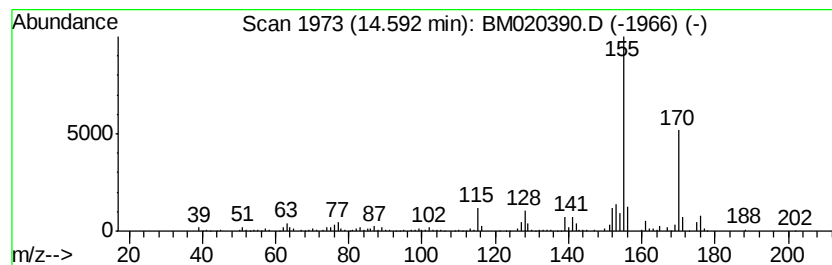
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	8.07 ng/ul	882129	Acenaphthene-d10	14.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ91

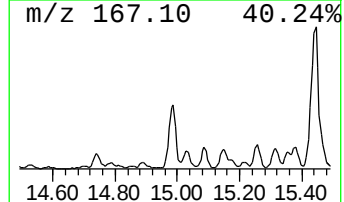
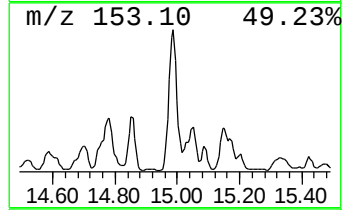
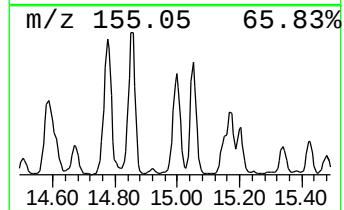
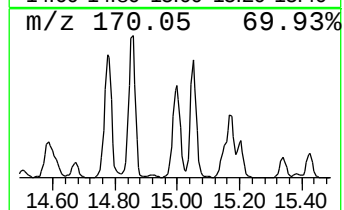
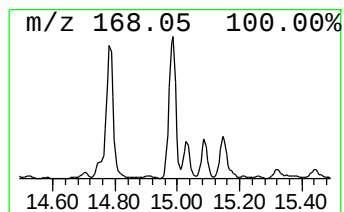
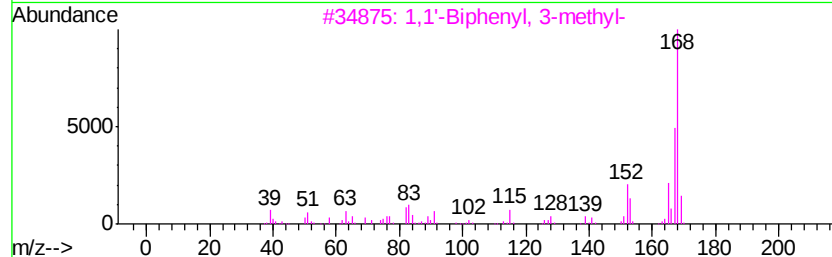
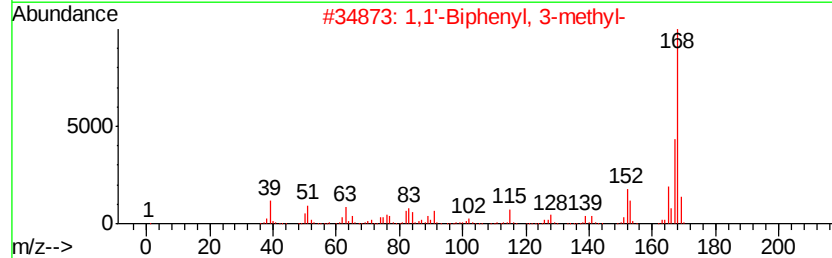
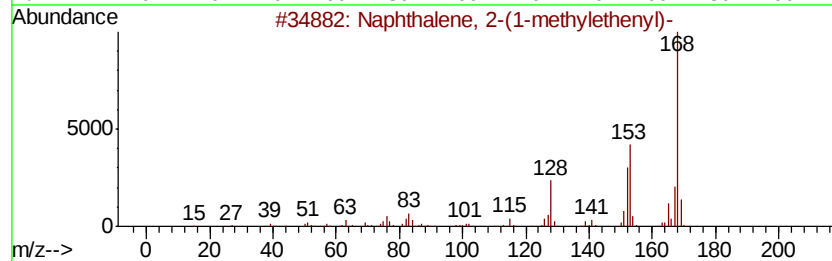
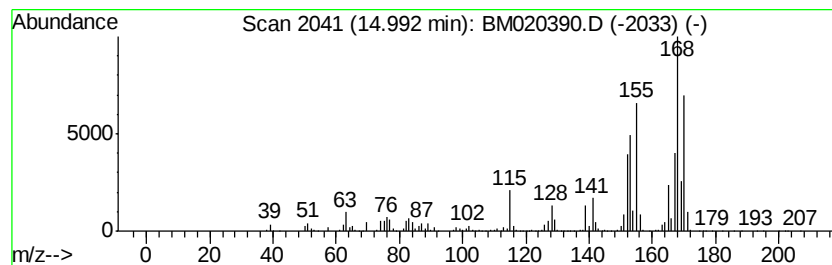
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2-(1-methyleth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	25.41 ng/ul	2778650	Acenaphthene-d10	14.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenvl)-	168	C13H12	003710-23-4	62
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4		(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	38
5		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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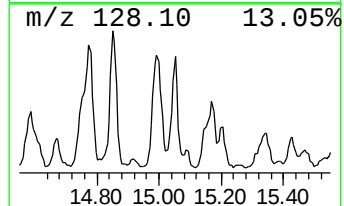
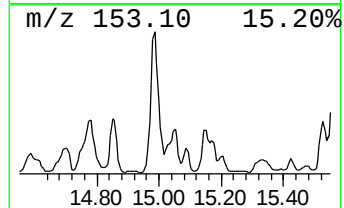
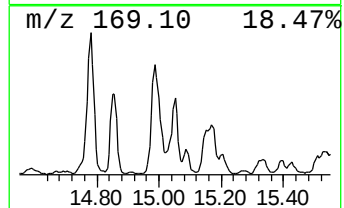
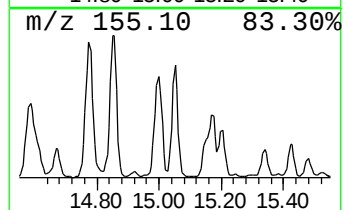
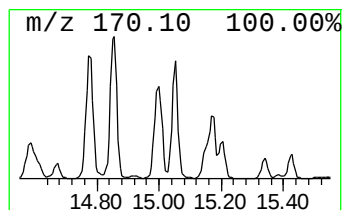
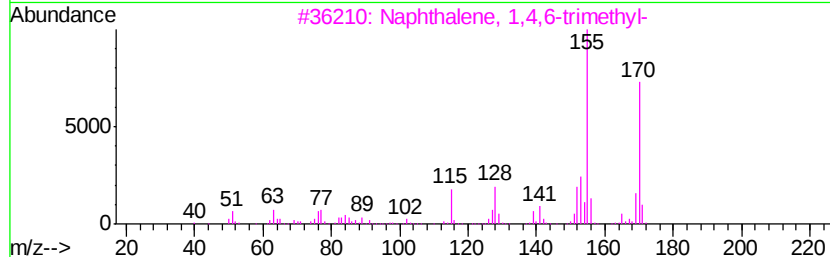
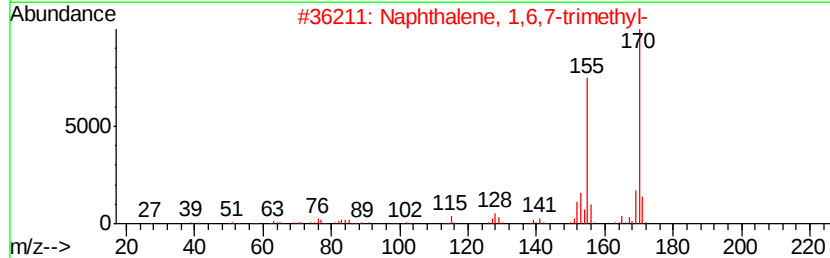
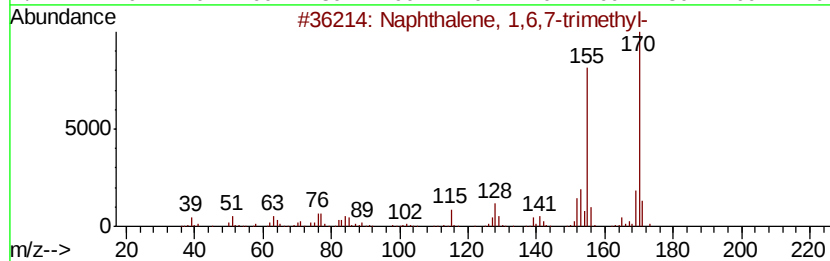
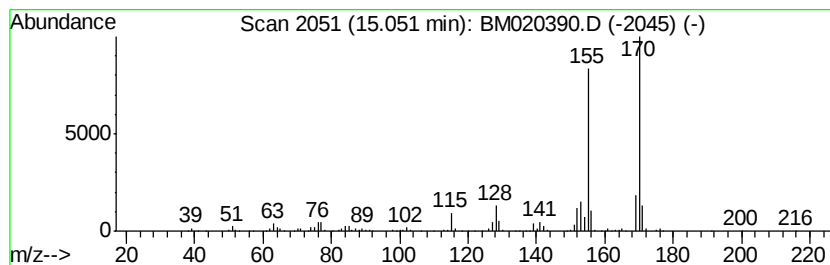
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	11.12 ng/ul	1215580	Acenaphthene-d10	14.38

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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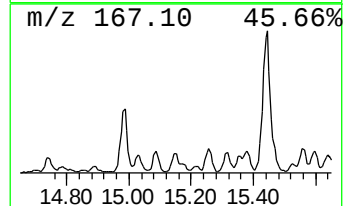
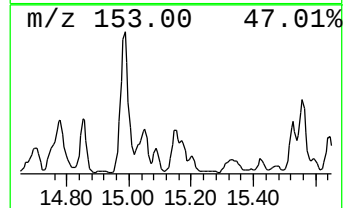
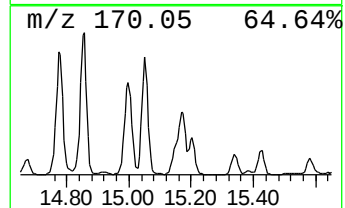
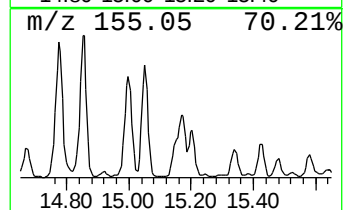
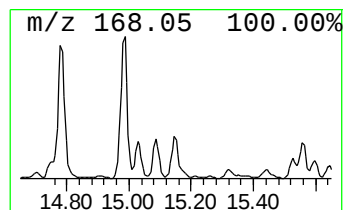
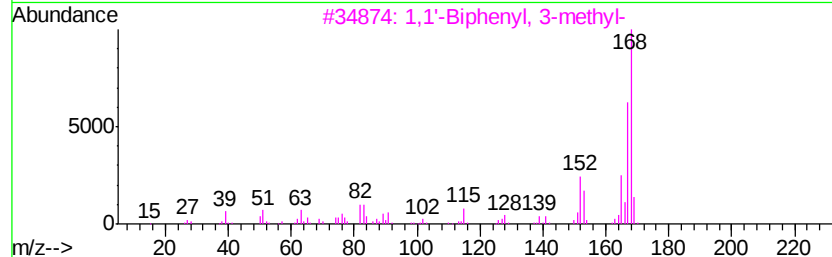
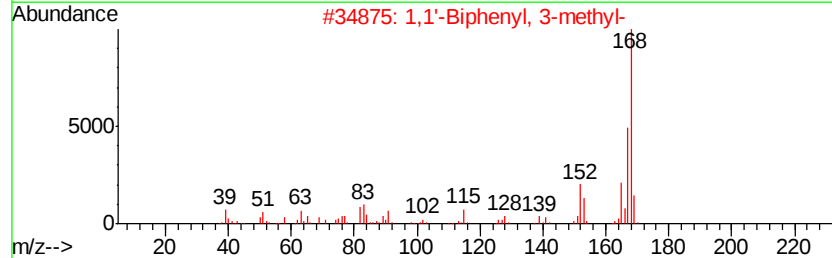
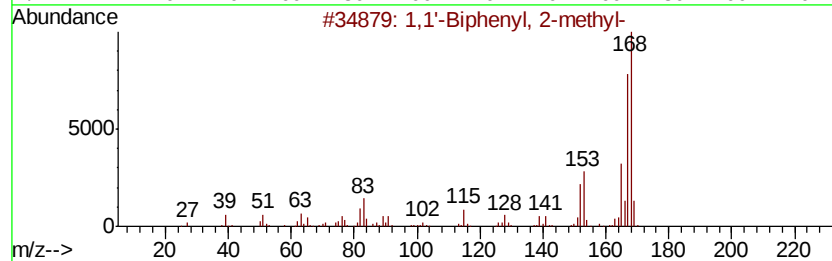
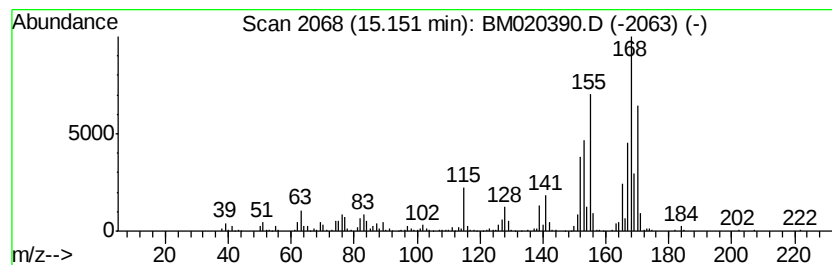
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	8.21 ng/ul	897303	Acenaphthene-d10	14.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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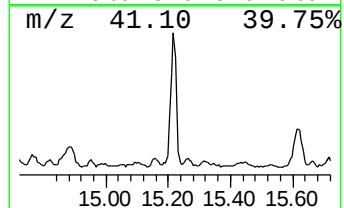
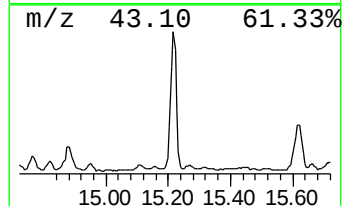
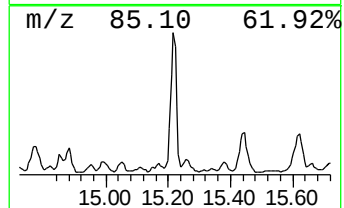
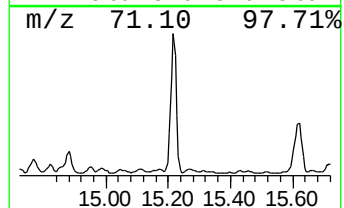
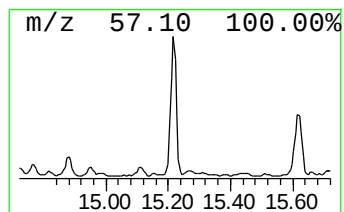
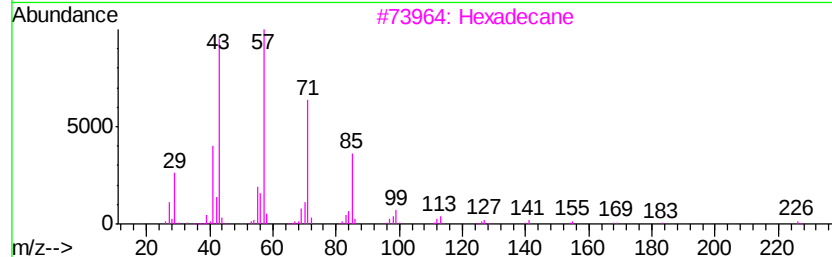
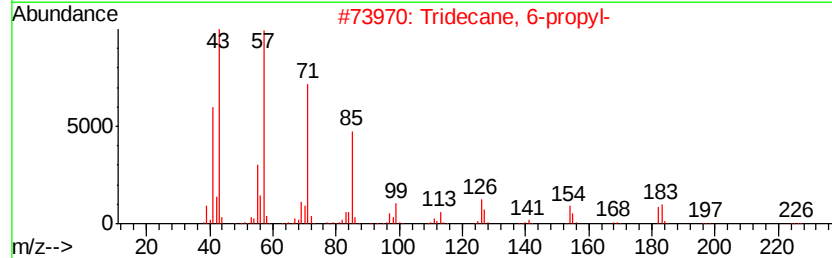
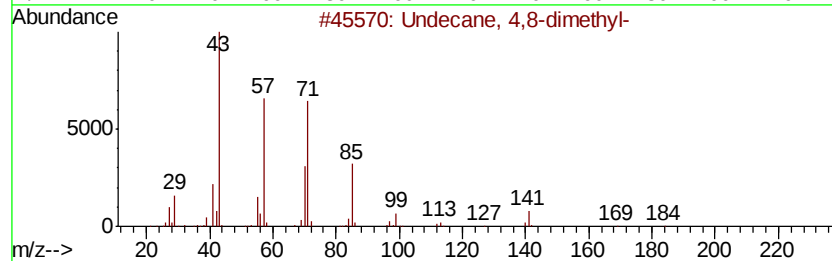
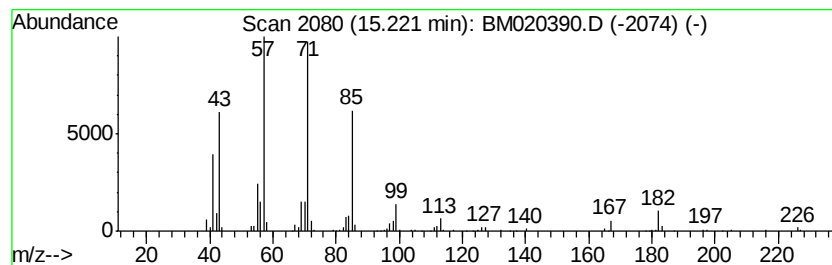
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	6.54 ng/ul	715184	Acenaphthene-d10	14.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	78
3			Hexadecane	226	C16H34	000544-76-3	76
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ91

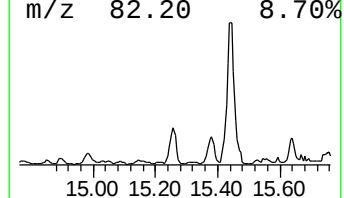
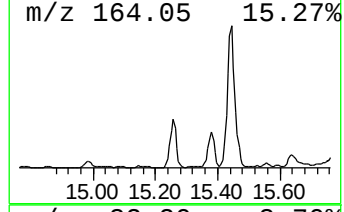
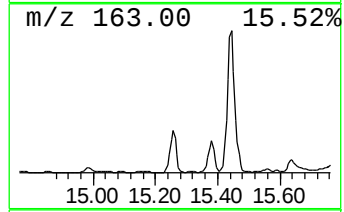
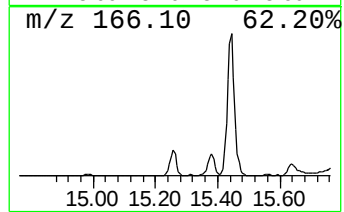
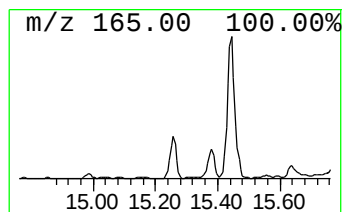
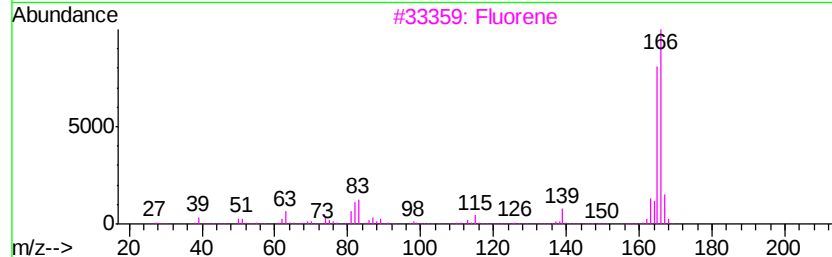
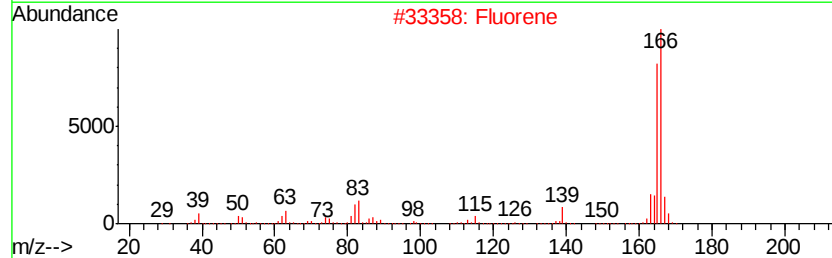
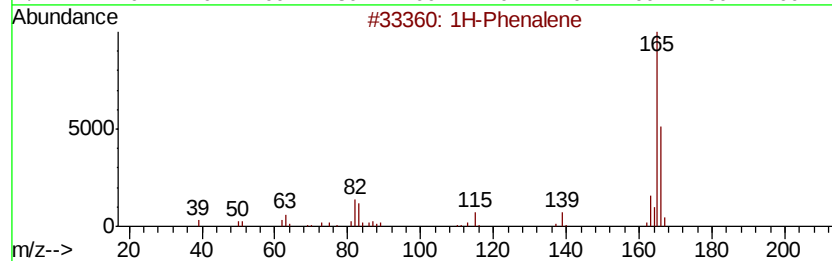
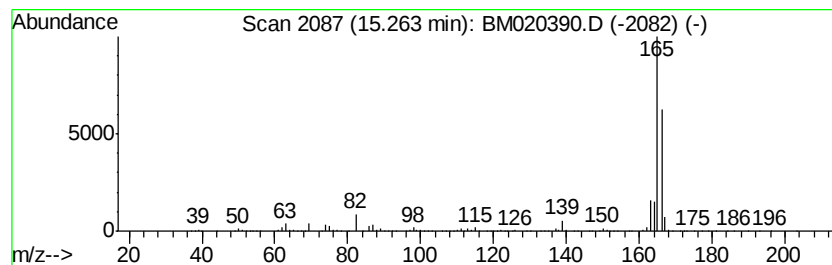
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1H-Phenalene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	19.95 ng/ul	2181990	Acenaphthene-d10	14.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		Fluorene	166	C13H10	000086-73-7	76
3		Fluorene	166	C13H10	000086-73-7	52
4		Fluorene	166	C13H10	000086-73-7	50
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ91

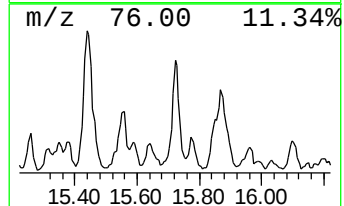
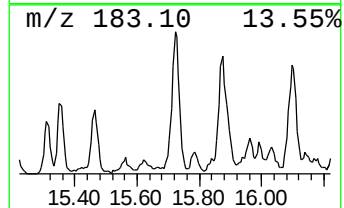
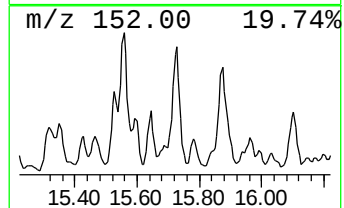
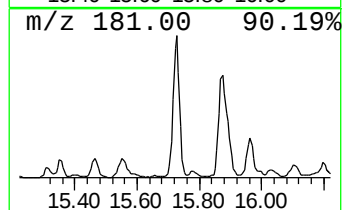
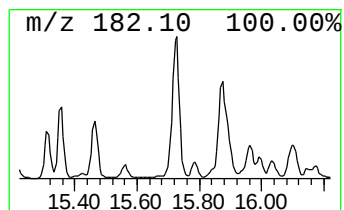
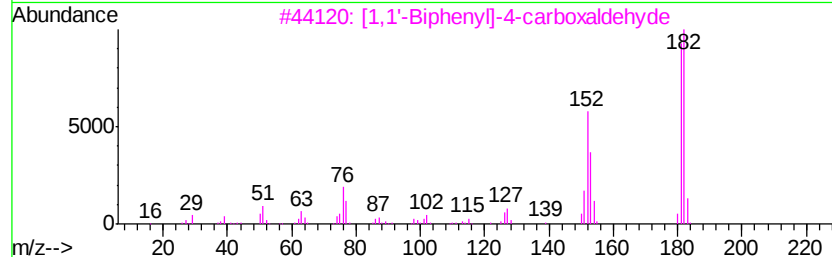
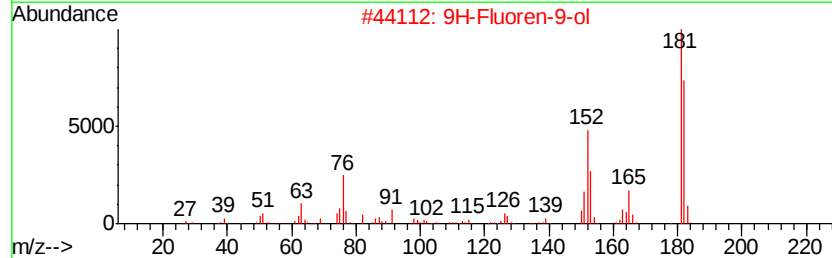
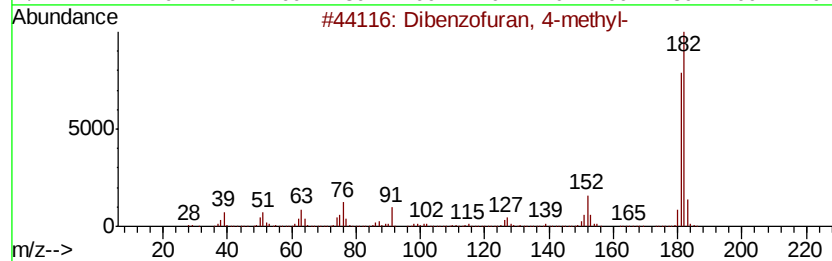
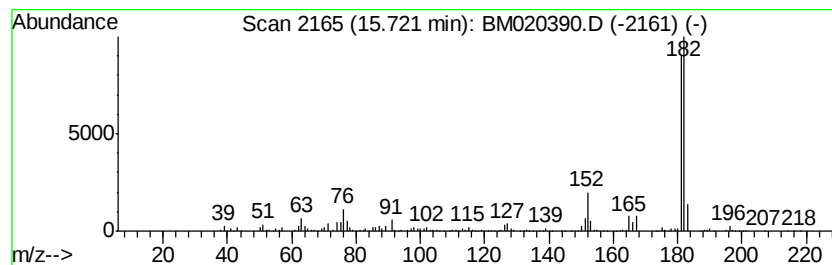
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Dibenzofuran, 4-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.83 ng/ul	856609	Acenaphthene-d10	14.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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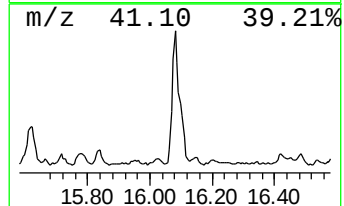
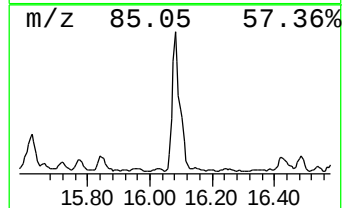
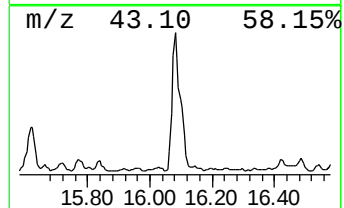
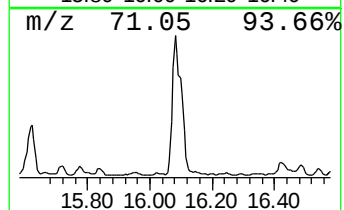
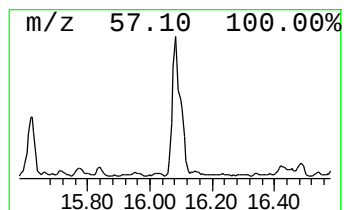
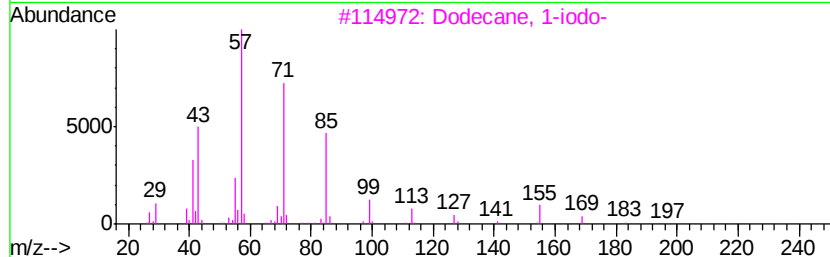
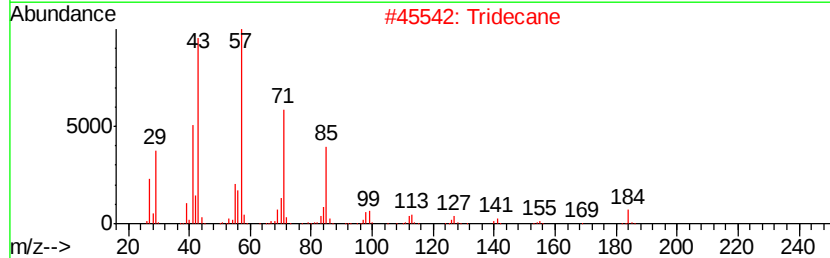
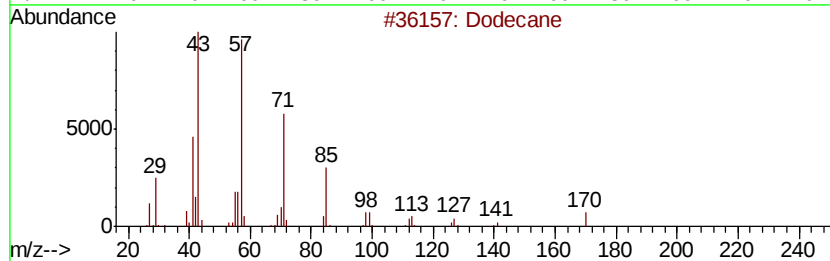
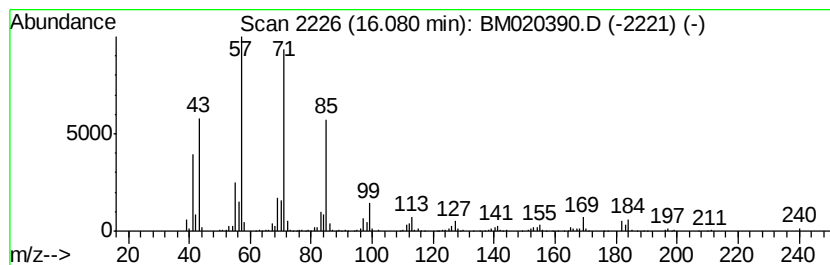
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	16.67 ng/ul	708849	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Tridecane	184	C13H28	000629-50-5	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4		Tridecane	184	C13H28	000629-50-5	76
5		Tridecane	184	C13H28	000629-50-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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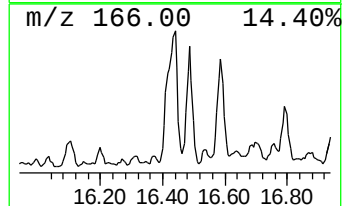
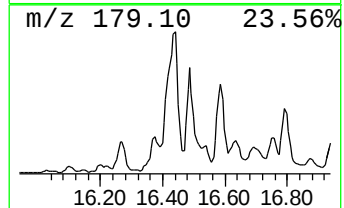
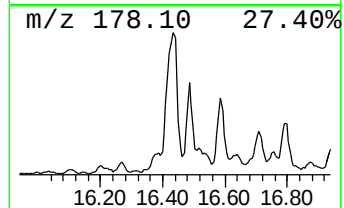
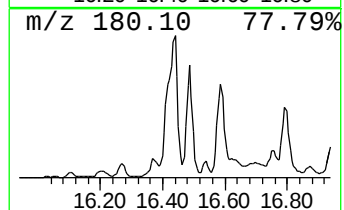
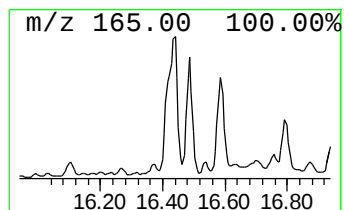
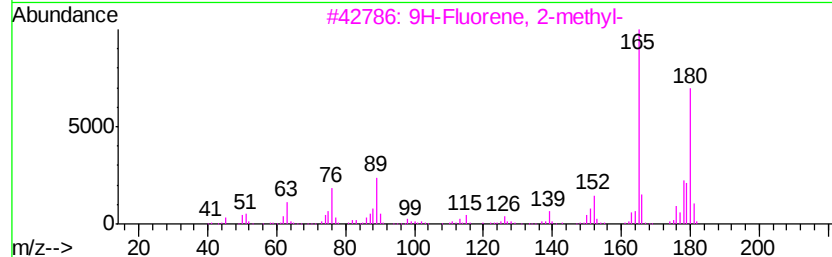
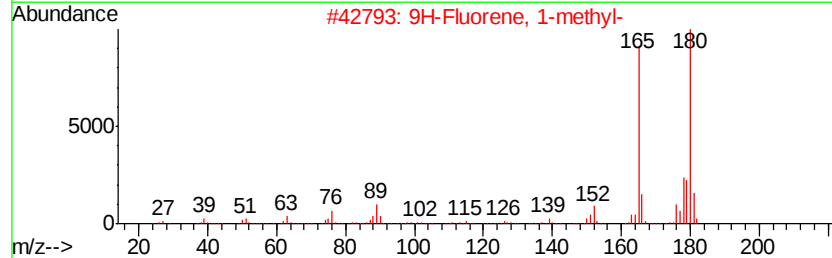
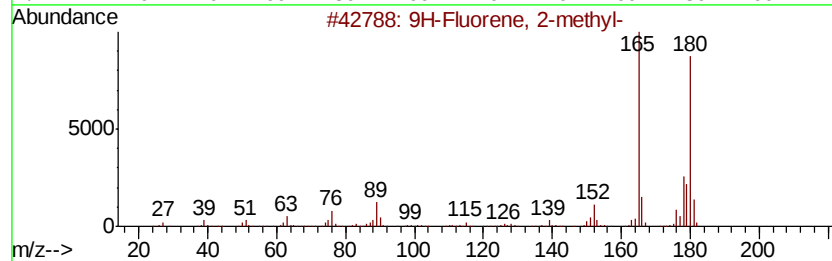
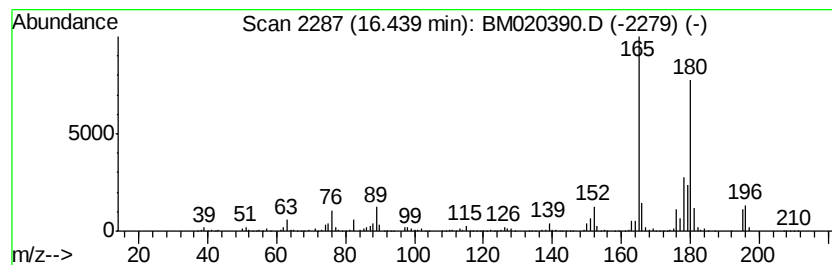
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	72.84 ng/ul	3097370	Phenanthrene-d10	17.14

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	98
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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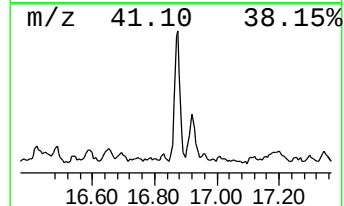
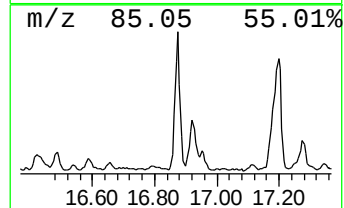
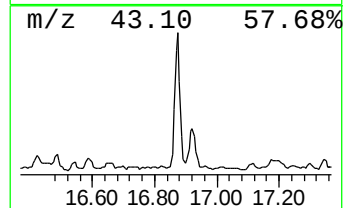
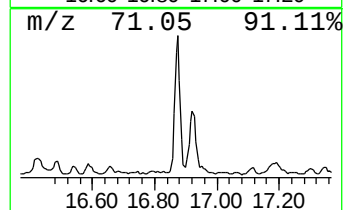
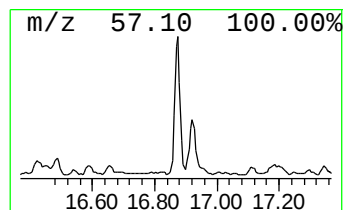
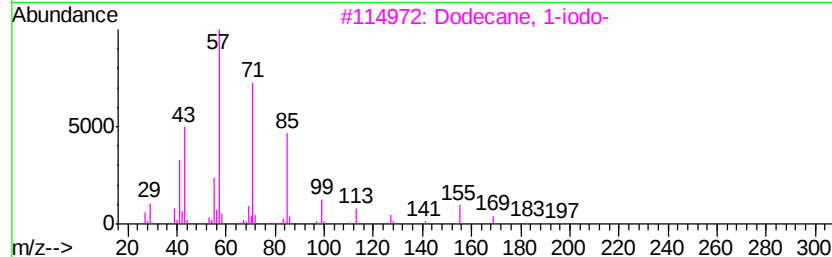
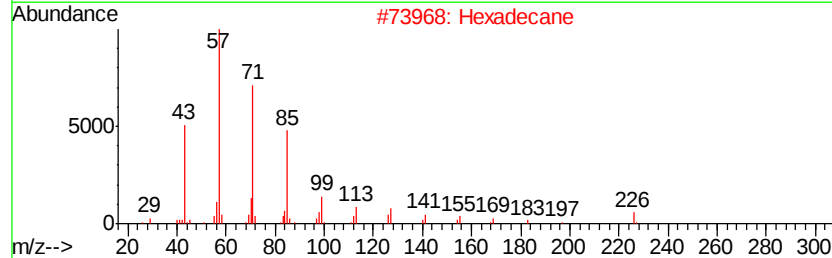
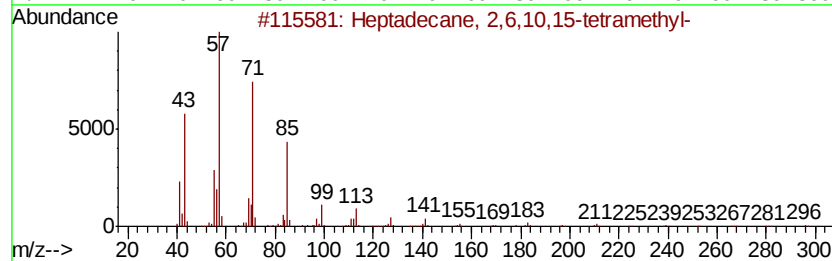
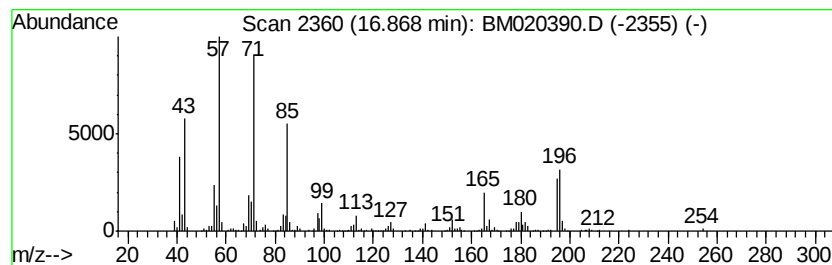
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	19.29 ng/ul	820262	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
2		Hexadecane	226	C16H34	000544-76-3	52
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
5		Heptacosane	380	C27H56	000593-49-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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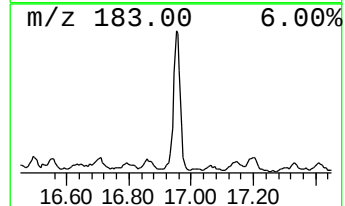
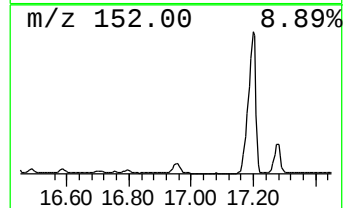
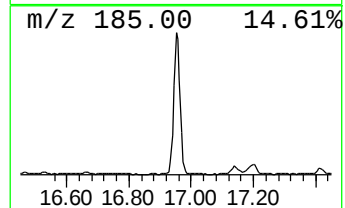
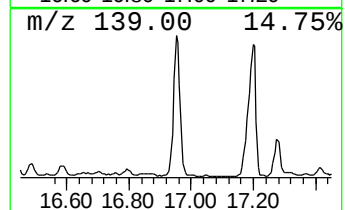
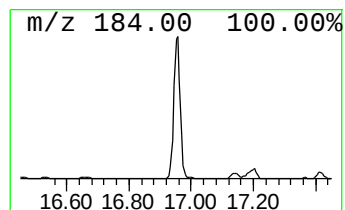
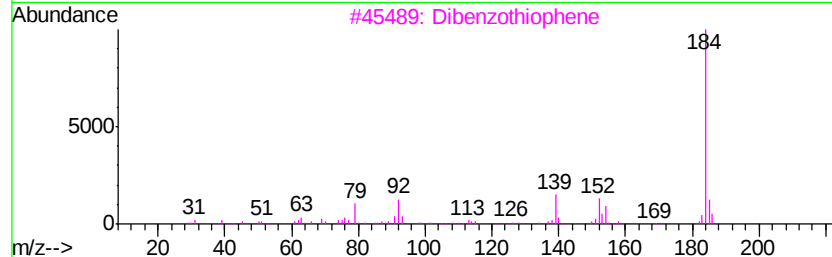
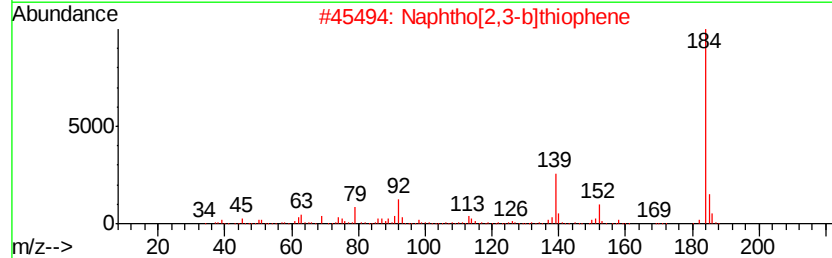
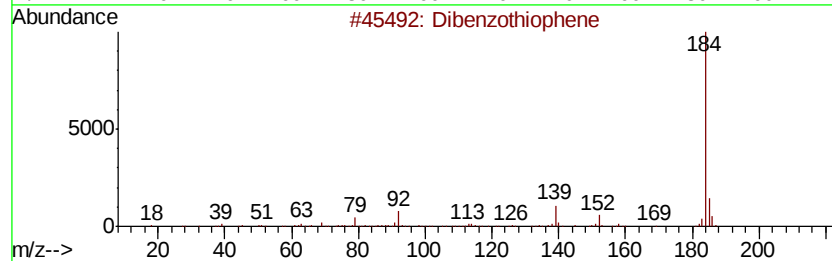
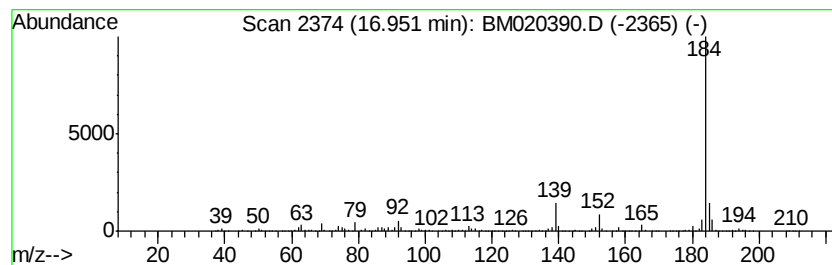
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	76.99 ng/ul	3273530	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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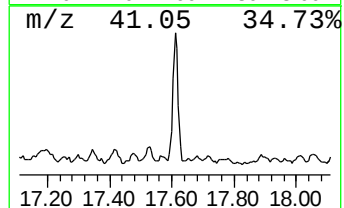
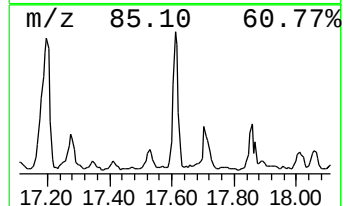
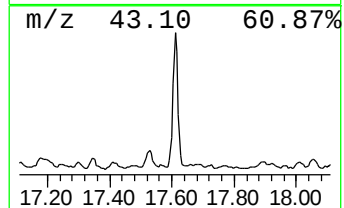
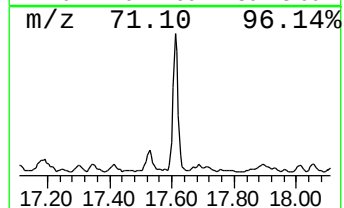
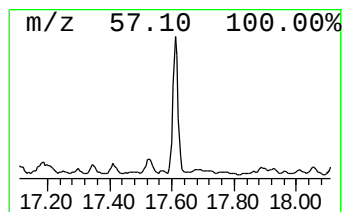
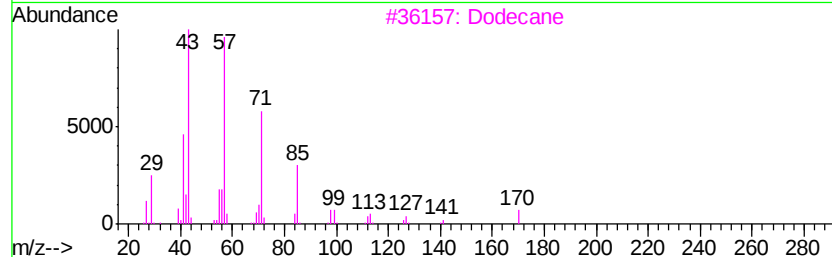
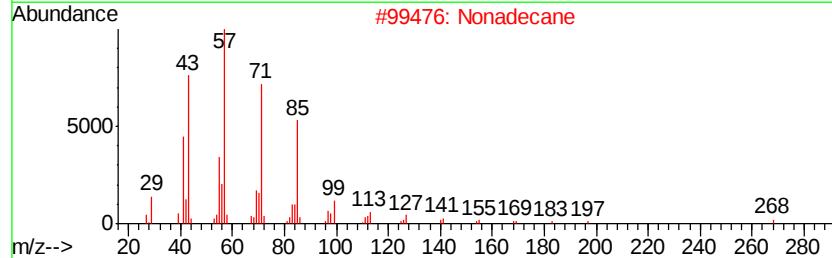
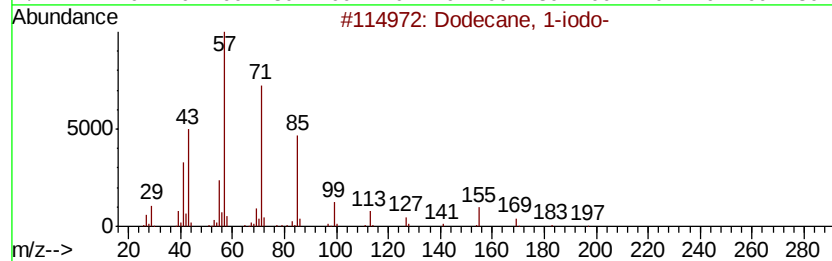
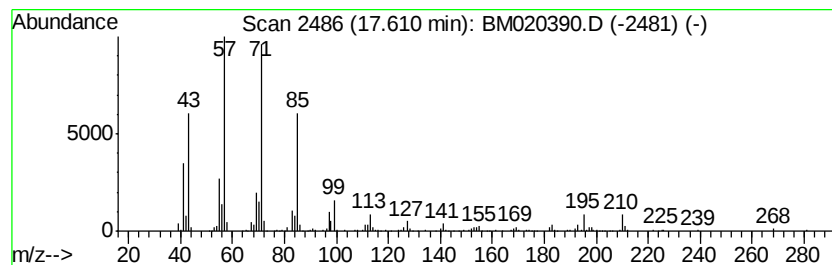
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Dodecane, 1-iodo- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	14.69 ng/ul	624597	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2		Nonadecane	268	C19H40	000629-92-5	80
3		Dodecane	170	C12H26	000112-40-3	74
4		Hexadecane	226	C16H34	000544-76-3	70
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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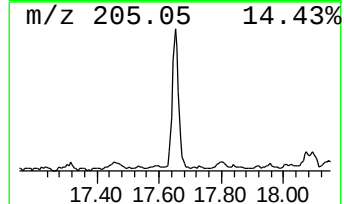
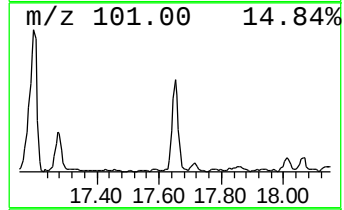
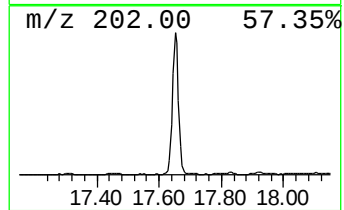
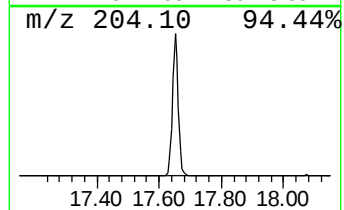
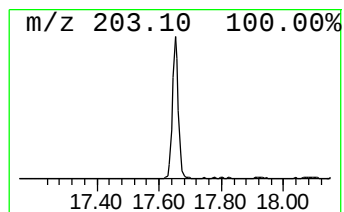
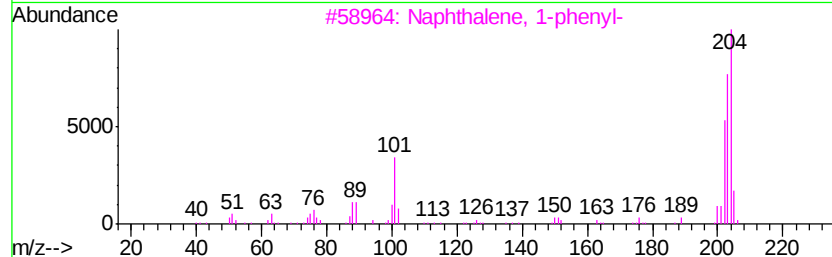
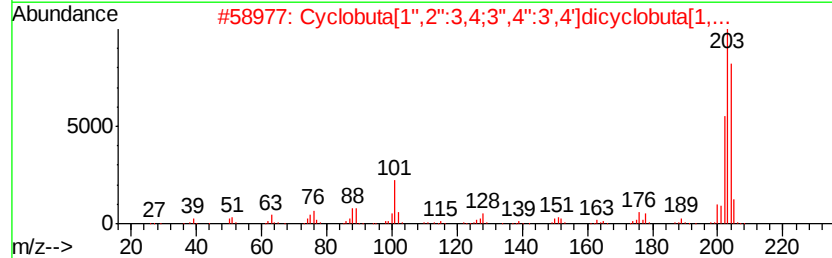
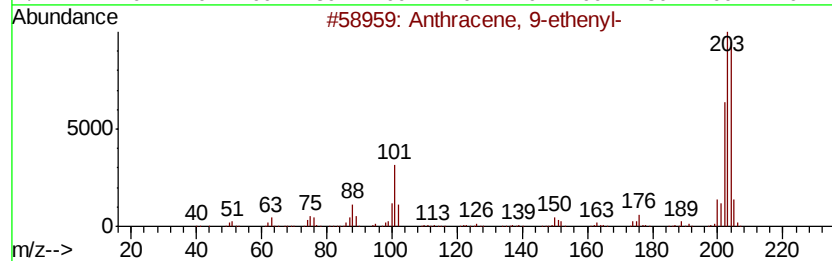
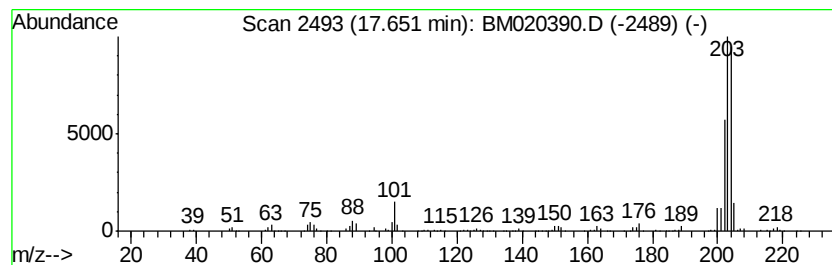
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Anthracene, 9-ethenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	19.18 ng/ul	815600	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	81
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	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ91

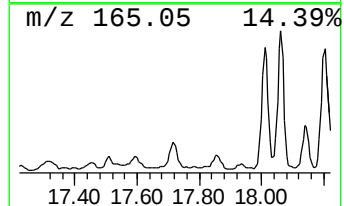
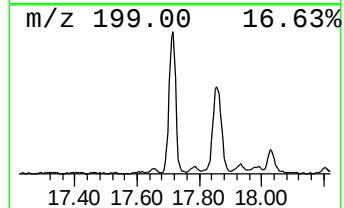
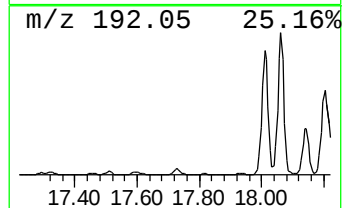
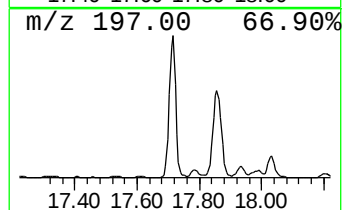
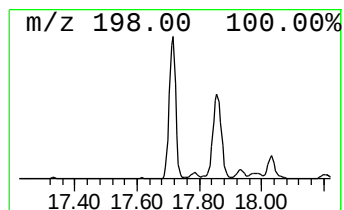
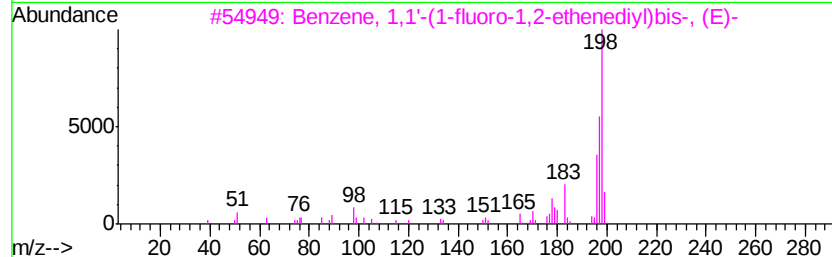
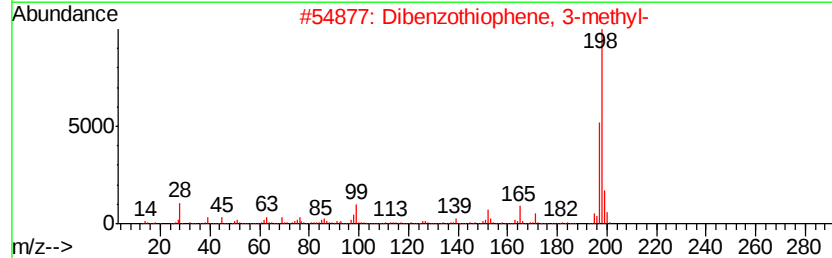
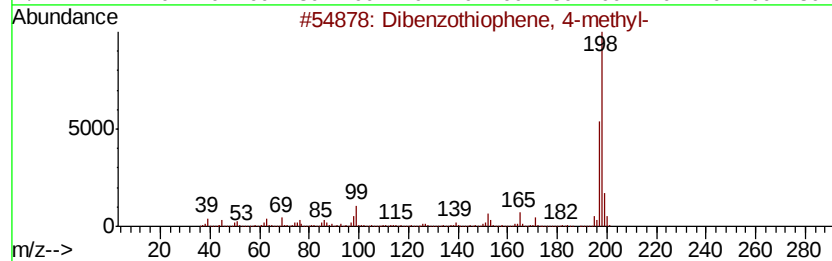
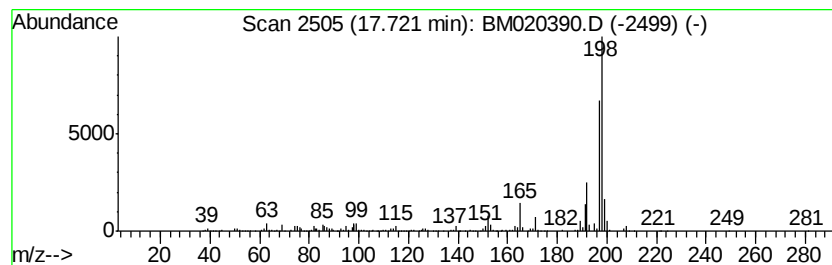
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Dibenzothiophene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	36.87 ng/ul	1567840	Phenanthrene-d10	17.14

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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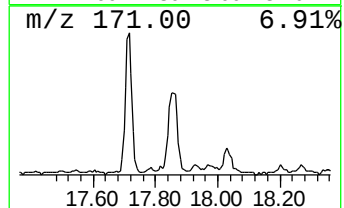
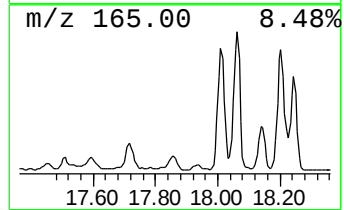
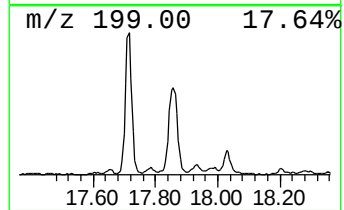
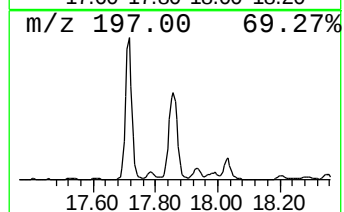
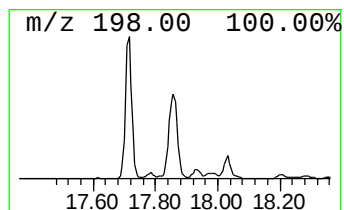
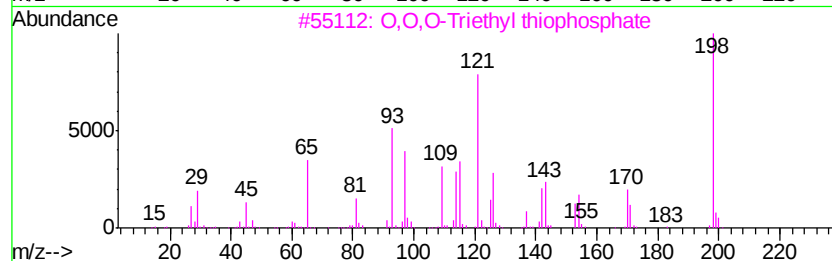
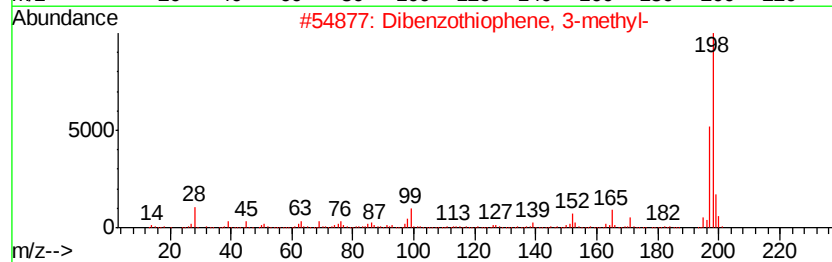
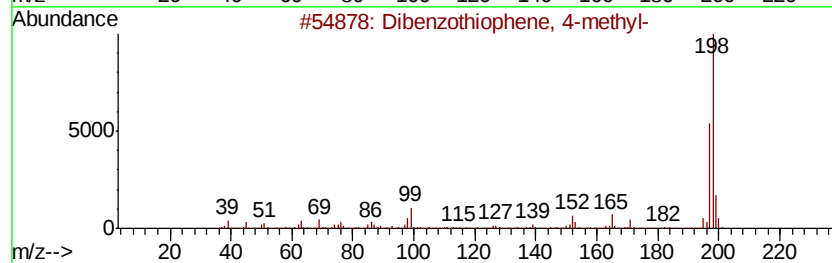
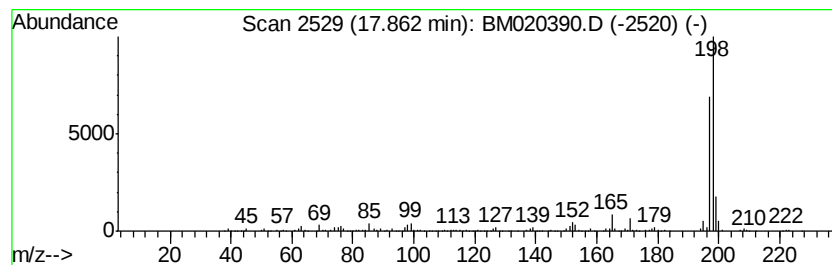
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 0,0,0-Triethyl thiophosphate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	30.34 ng/ul	1290020	Phenanthrene-d10	17.14

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	90
3		0,0,0-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	87
4		Pvridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5		Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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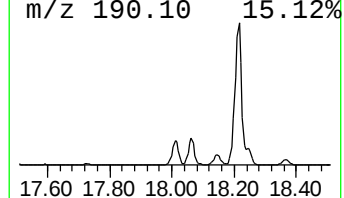
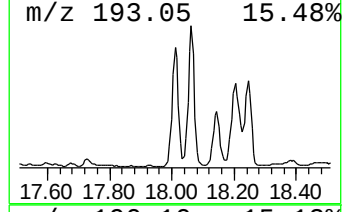
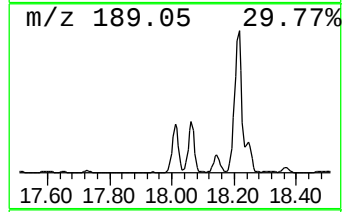
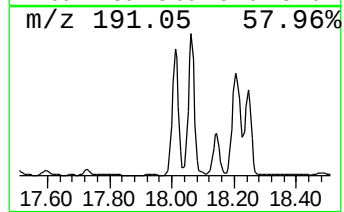
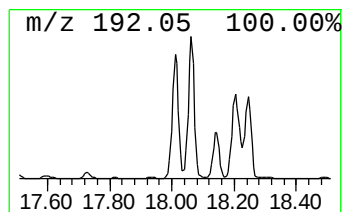
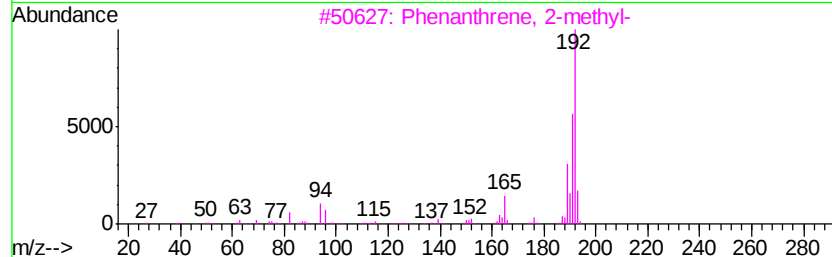
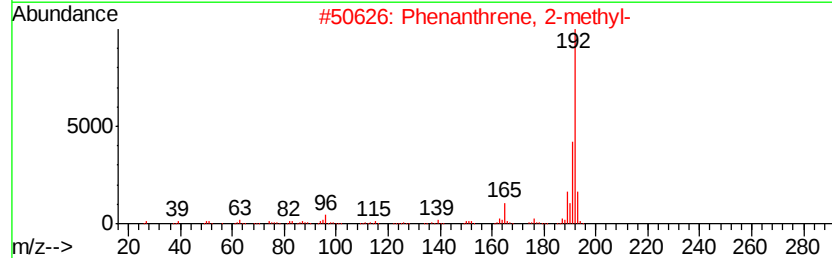
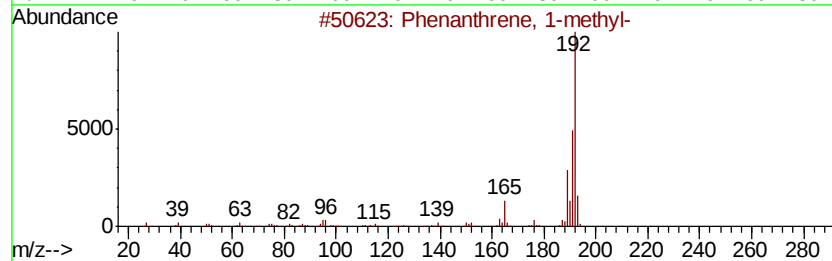
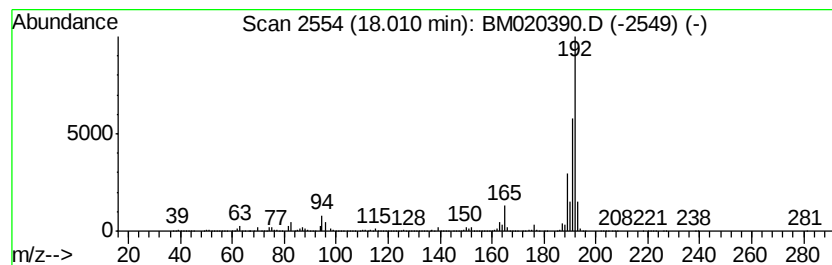
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	145.48 ng/ul	6185880	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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[1,1]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\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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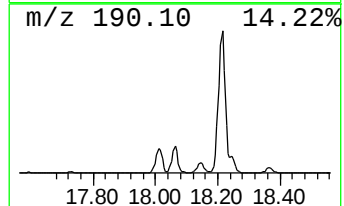
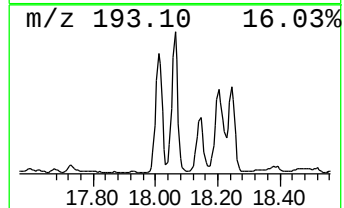
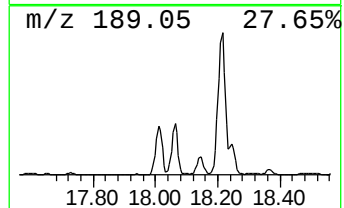
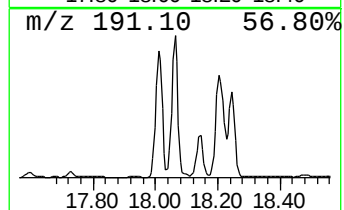
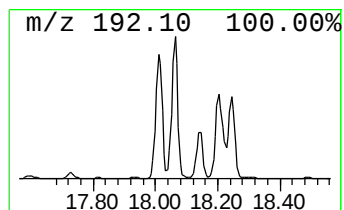
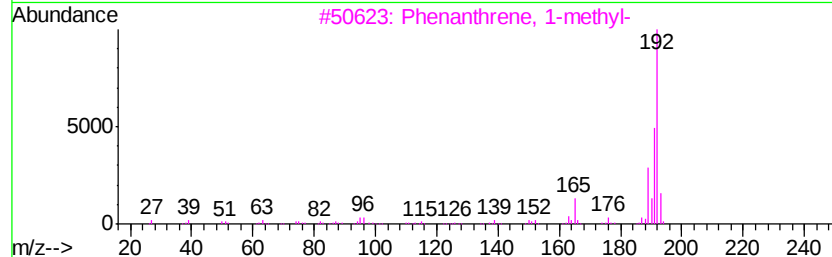
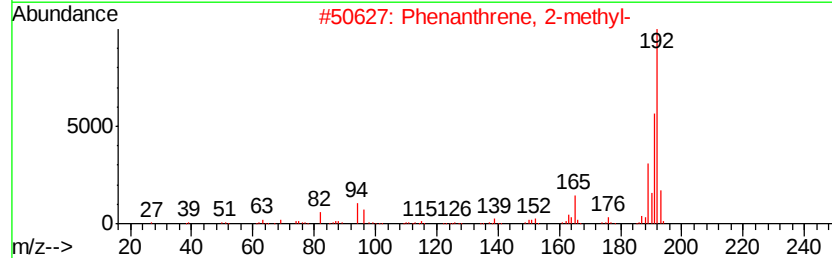
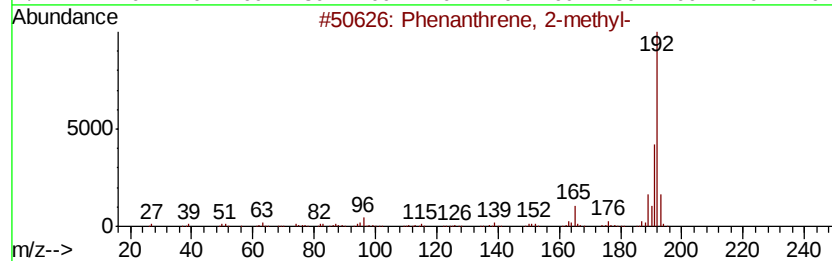
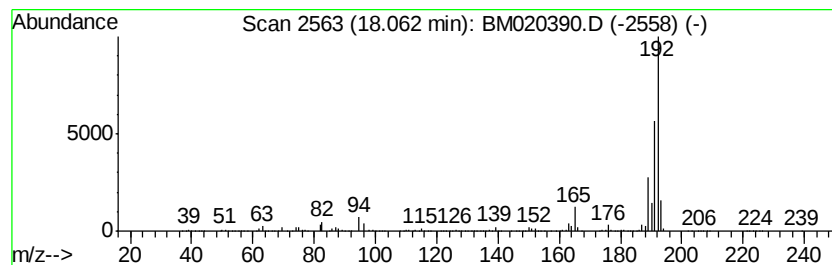
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	154.66 ng/ul	6576410	Phenanthrene-d10	17.14

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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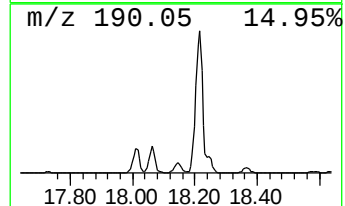
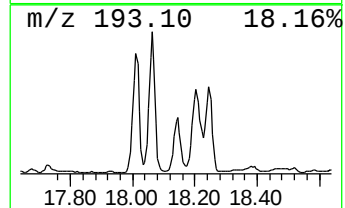
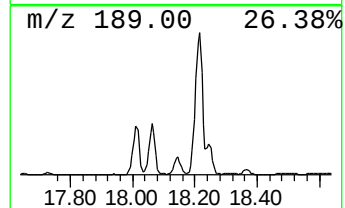
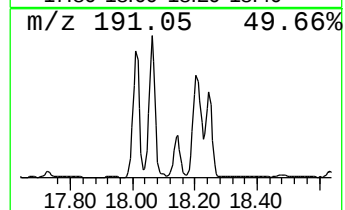
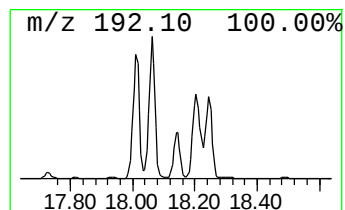
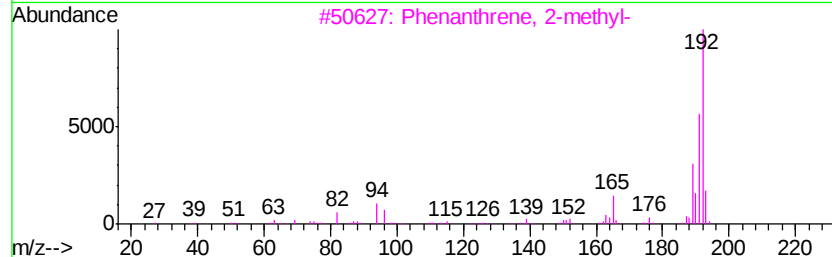
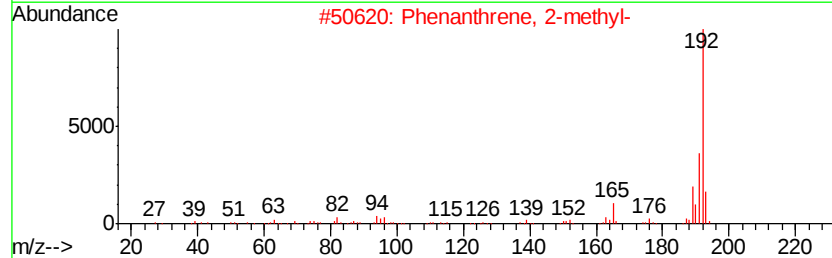
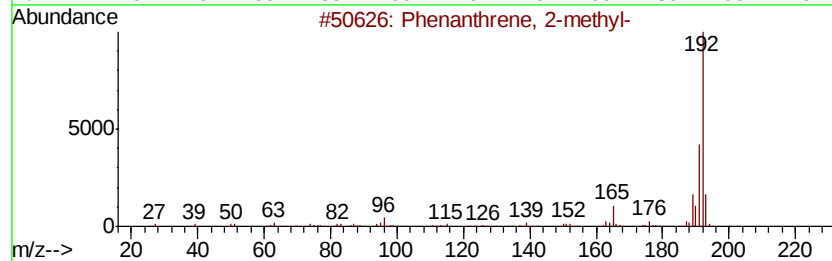
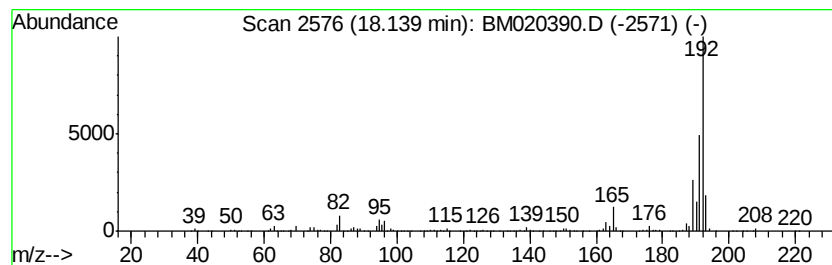
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	54.78 ng/ul	2329370	Phenanthrene-d10	17.14

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	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
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Sample : K2604-20 20X
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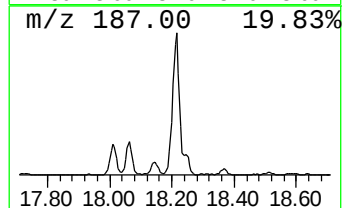
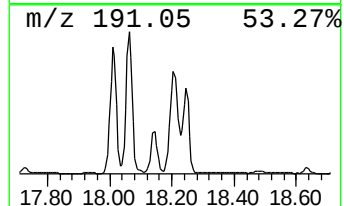
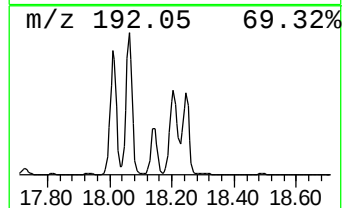
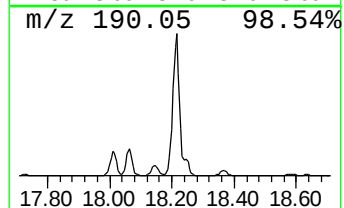
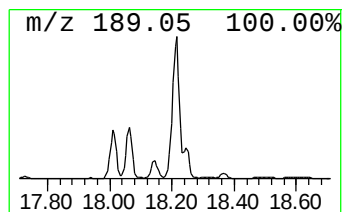
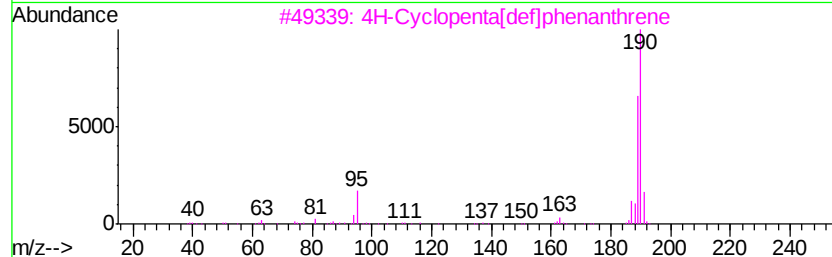
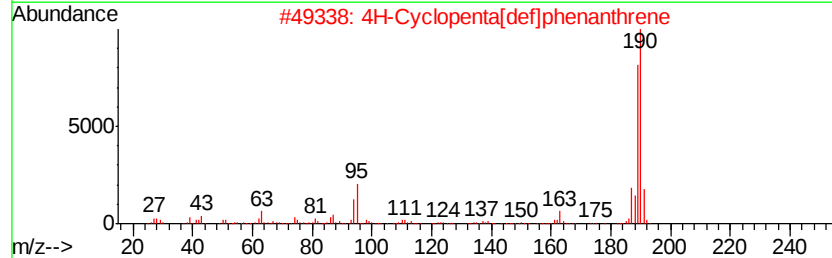
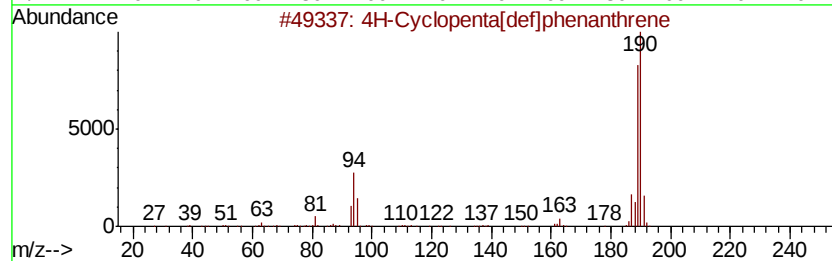
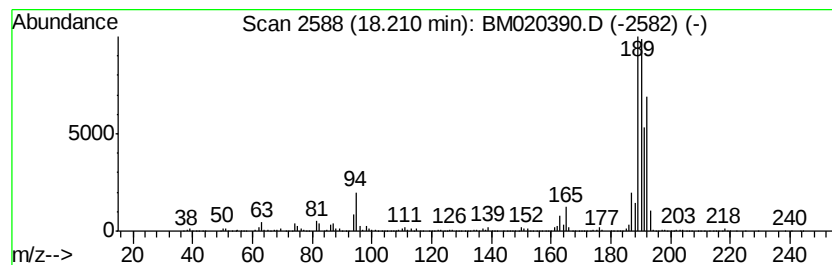
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.21	244.21 ng/ul	10384000	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020390.D
Acq On : 18 May 2019 07:34
Operator : JU/SJ
Sample : K2604-20 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

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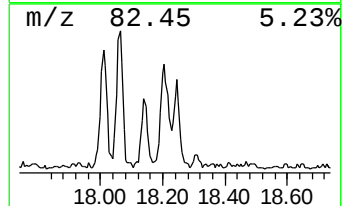
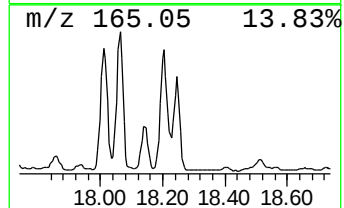
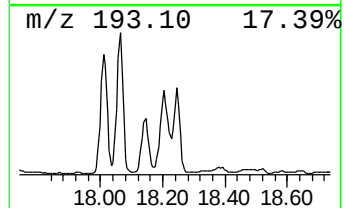
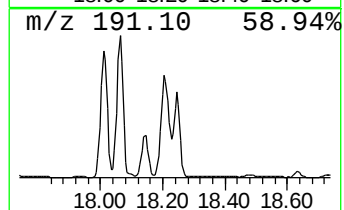
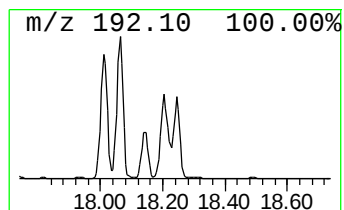
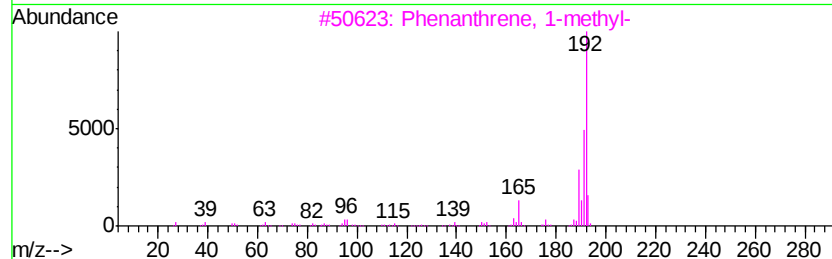
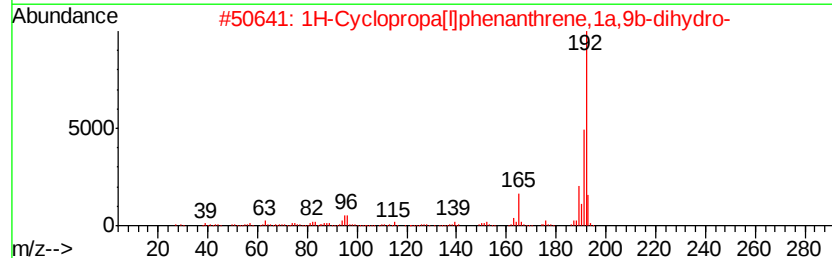
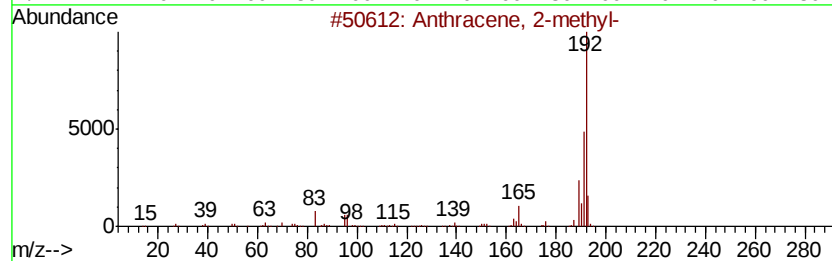
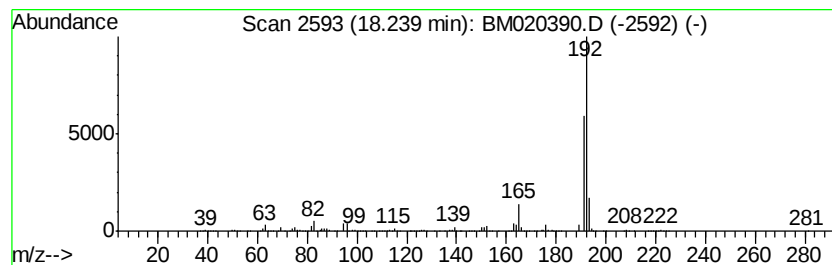
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	77.21 ng/ul	3283060	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020390.D
 Acq On : 18 May 2019 07:34
 Operator : JU/SJ
 Sample : K2604-20 20X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ91

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, 1,3-dime...	5.38	68.3	ng/ul	2657160	1	7.73	778129	20.0
Benzene, 1-etheny...	7.37	97.1	ng/ul	3776710	1	7.73	778129	20.0
Benzene, 1-etheny...	7.46	20.0	ng/ul	778129	1	7.73	778129	20.0
Benzene, 1-propynyl-	8.27	221.2	ng/ul	8605250	1	7.73	778129	20.0
Benzene, (2-methy...	8.99	18.7	ng/ul	726479	1	7.73	778129	20.0
Naphthalene, 1-me...	12.43	7.7	ng/ul	18983500	2	10.53	49321700	20.0
Naphthalene, 1-et...	13.40	17.3	ng/ul	1895270	3	14.38	2187010	20.0
Naphthalene, 2,6-...	13.54	30.1	ng/ul	3295190	3	14.38	2187010	20.0
Naphthalene, 2,3-...	13.70	72.8	ng/ul	7964260	3	14.38	2187010	20.0
(DEL) Alkane: Str...	14.26	9.0	ng/ul	982730	3	14.38	2187010	20.0
Naphthalene, 1,4,...	14.59	8.1	ng/ul	882129	3	14.38	2187010	20.0
Naphthalene, 2-(1...	14.99	25.4	ng/ul	2778650	3	14.38	2187010	20.0
Naphthalene, 1,6,...	15.05	11.1	ng/ul	1215580	3	14.38	2187010	20.0
1,1'-Biphenyl, 2-...	15.15	8.2	ng/ul	897303	3	14.38	2187010	20.0
(DEL) Alkane: Str...	15.22	6.5	ng/ul	715184	3	14.38	2187010	20.0
1H-Phenalene	15.26	19.9	ng/ul	2181990	3	14.38	2187010	20.0
Dibenzofuran, 4-m...	15.72	7.8	ng/ul	856609	3	14.38	2187010	20.0
(DEL) Alkane: Str...	16.08	16.7	ng/ul	708849	4	17.14	850430	20.0
9H-Fluorene, 2-me...	16.44	72.8	ng/ul	3097370	4	17.14	850430	20.0
(DEL) Alkane: Str...	16.87	19.3	ng/ul	820262	4	17.14	850430	20.0
Dibenzothiophene	16.95	77.0	ng/ul	3273530	4	17.14	850430	20.0
Dodecane, 1-iodo-	17.61	14.7	ng/ul	624597	4	17.14	850430	20.0
Anthracene, 9-eth...	17.65	19.2	ng/ul	815600	4	17.14	850430	20.0
Dibenzothiophene,...	17.72	36.9	ng/ul	1567840	4	17.14	850430	20.0
O,O,O-Triethyl th...	17.86	30.3	ng/ul	1290020	4	17.14	850430	20.0
Phenanthrene, 1-m...	18.01	145.5	ng/ul	6185880	4	17.14	850430	20.0
Phenanthrene, 2-m...	18.06	154.7	ng/ul	6576410	4	17.14	850430	20.0
Anthracene, 9-met...	18.14	54.8	ng/ul	2329370	4	17.14	850430	20.0
4H-Cyclopenta[def...	18.21	244.2	ng/ul	10384000	4	17.14	850430	20.0
Anthracene, 2-met...	18.24	77.2	ng/ul	3283060	4	17.14	850430	20.0