

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020425.D
 Acq On : 20 May 2019 11:05
 Operator : JU/SJ
 Sample : K2633-04DL2 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ96DL2

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	7.739	802	808	818	rBV	235601	387703	14.76%	1.485%
2	10.022	1192	1196	1201	rVV4	7015	11788	0.45%	0.045%
3	10.527	1276	1282	1288	rBV	292609	507767	19.33%	1.944%
4	10.580	1288	1291	1298	rVB	35479	56900	2.17%	0.218%
5	11.933	1514	1521	1529	rBV5	25738	49651	1.89%	0.190%
6	12.092	1544	1548	1555	rVB2	12698	17624	0.67%	0.067%
7	12.198	1559	1566	1582	rBV	1064902	1619704	61.67%	6.202%
8	12.421	1592	1604	1613	rBV	1104316	1772653	67.49%	6.787%
9	13.186	1726	1734	1735	rBV	27617	37263	1.42%	0.143%
10	13.215	1735	1739	1747	rVB	180584	268414	10.22%	1.028%
11	13.410	1758	1772	1786	rVB	122033	301921	11.50%	1.156%
12	13.545	1788	1795	1796	rBV	568150	713817	27.18%	2.733%
13	13.627	1805	1809	1812	rVB3	9973	13599	0.52%	0.052%
14	13.704	1814	1822	1827	rVV	683822	1224004	46.60%	4.687%
15	13.762	1827	1832	1841	rVV	400484	643283	24.49%	2.463%
16	13.845	1841	1846	1857	rVB	177102	272724	10.38%	1.044%
17	13.945	1857	1863	1867	rBV	328454	499583	19.02%	1.913%
18	13.974	1867	1868	1875	rVB	89920	88600	3.37%	0.339%
19	14.115	1881	1892	1903	rBV	538949	843056	32.10%	3.228%
20	14.262	1913	1917	1921	rVB2	23999	30344	1.16%	0.116%
21	14.362	1925	1934	1935	rVV	204917	259144	9.87%	0.992%
22	14.392	1935	1939	1945	rVV2	461683	728961	27.75%	2.791%
23	14.474	1945	1953	1957	rVV3	105508	257732	9.81%	0.987%
24	14.515	1957	1960	1967	rVV4	15198	30440	1.16%	0.117%
25	14.592	1967	1973	1982	rVV	82712	179153	6.82%	0.686%
26	14.680	1982	1988	1995	rVV2	31555	57772	2.20%	0.221%
27	14.786	1995	2006	2013	rVV2	175323	316262	12.04%	1.211%
28	14.862	2013	2019	2028	rVV	148460	216875	8.26%	0.830%
29	14.998	2036	2042	2047	rBV3	133194	252006	9.59%	0.965%
30	15.057	2047	2052	2056	rVV2	112373	176016	6.70%	0.674%
31	15.098	2056	2059	2063	rVB	16447	22051	0.84%	0.084%
32	15.156	2063	2069	2070	rBV2	48328	56673	2.16%	0.217%
33	15.174	2070	2072	2076	rVV	57814	83922	3.20%	0.321%
34	15.215	2076	2079	2083	rVV3	43316	60894	2.32%	0.233%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.262	2083	2087	2092	rVB	81614	114464	4.36%	0.438%
36	15.327	2092	2098	2101	rBV3	84901	166381	6.33%	0.637%
37	15.357	2101	2103	2105	rVV	65428	83536	3.18%	0.320%
38	15.386	2105	2108	2112	rVV	128157	180123	6.86%	0.690%
39	15.445	2112	2118	2129	rVV2	398454	756845	28.82%	2.898%
40	15.562	2129	2138	2142	rVV3	66333	154361	5.88%	0.591%
41	15.604	2142	2145	2149	rVV3	31679	46968	1.79%	0.180%
42	15.645	2149	2152	2160	rVV7	24634	65483	2.49%	0.251%
43	15.733	2161	2167	2173	rVV2	72632	136059	5.18%	0.521%
44	15.786	2173	2176	2182	rVV3	11863	19366	0.74%	0.074%
45	15.845	2182	2186	2188	rVV5	9386	13039	0.50%	0.050%
46	15.880	2188	2192	2201	rVV2	43422	88082	3.35%	0.337%
47	15.951	2201	2204	2205	rVV2	7733	9522	0.36%	0.036%
48	15.974	2205	2208	2213	rVV	14630	19799	0.75%	0.076%
49	16.086	2223	2227	2228	rBV2	14633	15543	0.59%	0.060%
50	16.115	2228	2232	2236	rVB5	33404	47288	1.80%	0.181%
51	16.203	2241	2247	2251	rBV2	20791	29779	1.13%	0.114%
52	16.280	2257	2260	2263	rVV5	5709	8804	0.34%	0.034%
53	16.315	2263	2266	2271	rVB3	11161	15878	0.60%	0.061%
54	16.386	2274	2278	2280	rVV4	14543	20430	0.78%	0.078%
55	16.445	2280	2288	2293	rVV2	118237	293582	11.18%	1.124%
56	16.498	2293	2297	2302	rVV	125868	189691	7.22%	0.726%
57	16.551	2302	2306	2309	rVV6	16633	30600	1.17%	0.117%
58	16.592	2309	2313	2318	rVV	61413	94997	3.62%	0.364%
59	16.668	2318	2326	2327	rVV4	18872	36469	1.39%	0.140%
60	16.715	2331	2334	2339	rVV3	34453	61303	2.33%	0.235%
61	16.762	2339	2342	2344	rVV2	14306	20638	0.79%	0.079%
62	16.803	2344	2349	2354	rVV2	83986	134392	5.12%	0.515%
63	16.874	2354	2361	2367	rVV6	23420	60291	2.30%	0.231%
64	16.962	2372	2376	2384	rVB	101772	148600	5.66%	0.569%
65	17.145	2401	2407	2410	rBV	569270	821888	31.29%	3.147%
66	17.186	2410	2414	2420	rVV	1812099	2626488	100.00%	10.057%
67	17.239	2421	2423	2425	rVV	37399	44768	1.70%	0.171%
68	17.280	2426	2430	2434	rVV	122044	181715	6.92%	0.696%
69	17.333	2434	2439	2444	rVV4	40949	89888	3.42%	0.344%
70	17.380	2444	2447	2450	rVV3	22185	34293	1.31%	0.131%
71	17.409	2450	2452	2454	rVV3	17960	23689	0.90%	0.091%

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72	17.462	2457	2461	2465	rVB2	20664	32311	1.23%	0.124%
73	17.556	2473	2477	2481	rBV6	10130	21360	0.81%	0.082%
74	17.656	2491	2494	2499	rBV	41725	52563	2.00%	0.201%
75	17.727	2501	2506	2513	rVB3	79792	136516	5.20%	0.523%
76	17.833	2520	2524	2527	rBV2	36664	55531	2.11%	0.213%
77	17.868	2527	2530	2537	rVB	36843	63523	2.42%	0.243%
78	17.945	2540	2543	2547	rVB	25624	32461	1.24%	0.124%
79	18.015	2550	2555	2560	rBV	449967	648732	24.70%	2.484%
80	18.068	2560	2564	2569	rVB	489234	666698	25.38%	2.553%
81	18.150	2574	2578	2582	rVB	35731	48041	1.83%	0.184%
82	18.209	2582	2588	2592	rBV2	287536	529904	20.18%	2.029%
83	18.250	2592	2595	2601	rVB	225637	311103	11.84%	1.191%
84	18.327	2605	2608	2611	rBV4	16592	17833	0.68%	0.068%
85	18.374	2614	2616	2618	rBV3	11343	11900	0.45%	0.046%
86	18.521	2636	2641	2645	rBV	175283	249902	9.51%	0.957%
87	18.574	2646	2650	2659	rVB2	150474	232919	8.87%	0.892%
88	18.645	2659	2662	2665	rBV3	19645	28205	1.07%	0.108%
89	18.768	2680	2683	2688	rBV3	58040	94456	3.60%	0.362%
90	18.821	2688	2692	2695	rVV	60773	83357	3.17%	0.319%
91	18.862	2695	2699	2703	rVV	30369	46307	1.76%	0.177%
92	18.939	2708	2712	2715	rBV	122554	193377	7.36%	0.740%
93	19.086	2732	2737	2748	rBV5	55608	166650	6.34%	0.638%
94	19.209	2753	2758	2764	rVB	369916	509600	19.40%	1.951%
95	19.268	2765	2768	2771	rBV	40562	59449	2.26%	0.228%
96	19.362	2780	2784	2788	rBV	140376	184912	7.04%	0.708%
97	19.574	2816	2820	2829	rVB	520199	710531	27.05%	2.721%
98	20.174	2918	2922	2927	rBV2	83057	143257	5.45%	0.549%
99	21.338	3116	3120	3125	rVB2	646400	923947	35.18%	3.538%
100	23.627	3505	3509	3517	rVB	538900	917961	34.95%	3.515%

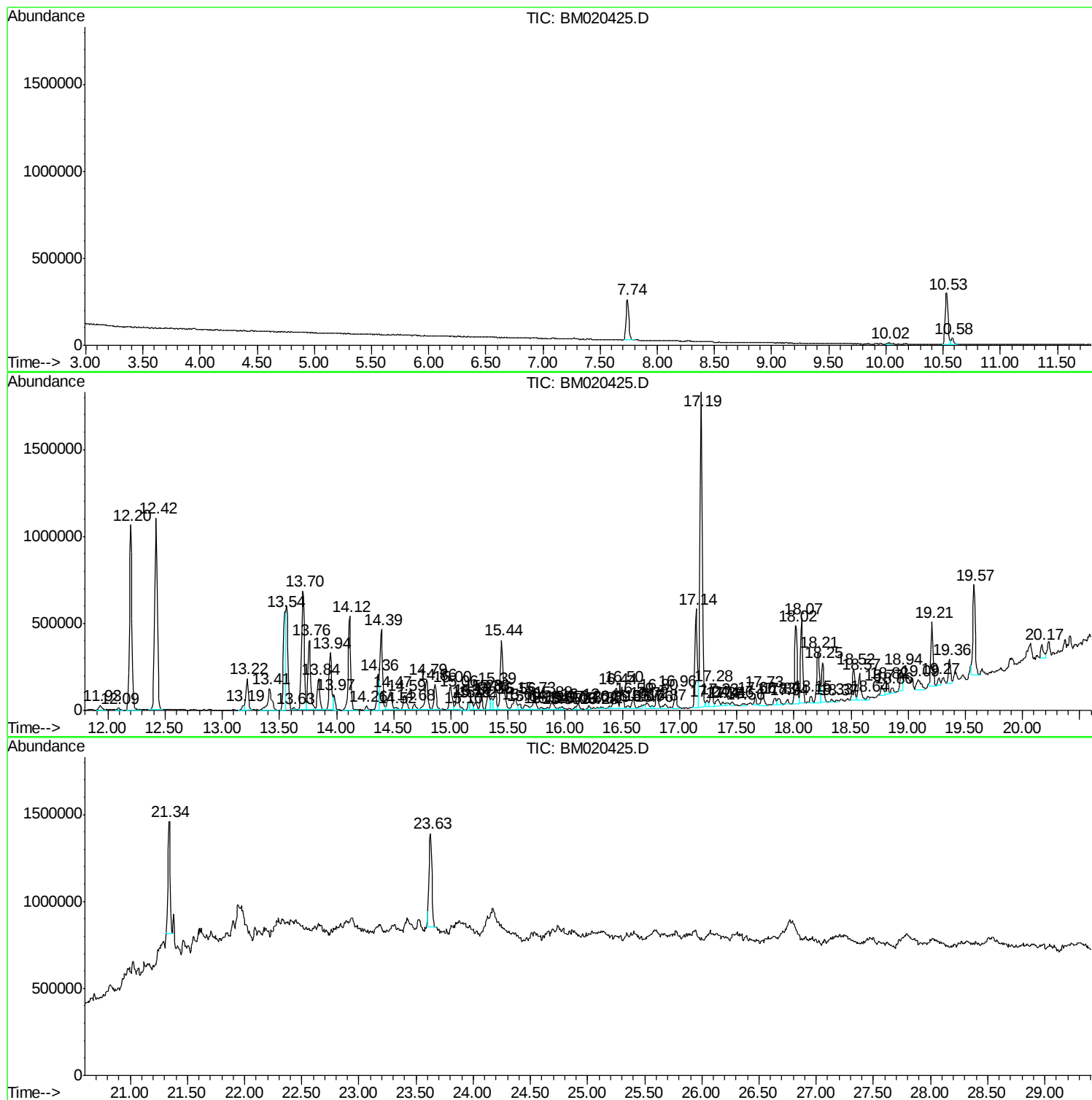
Sum of corrected areas: 26116647

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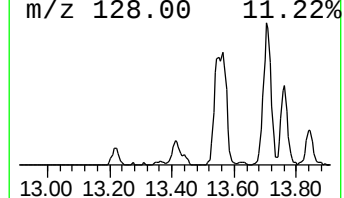
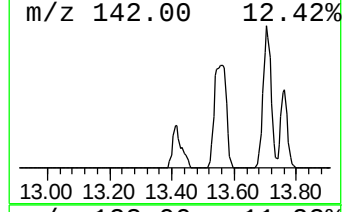
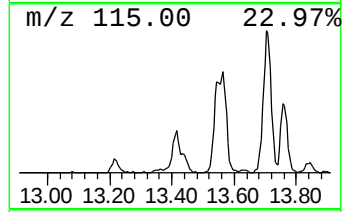
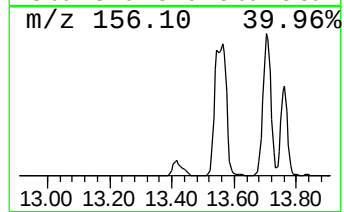
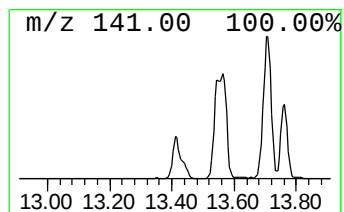
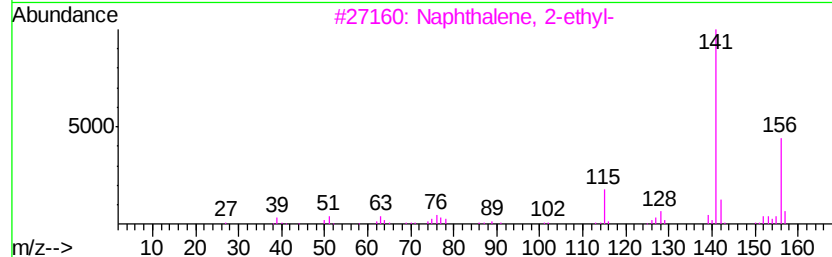
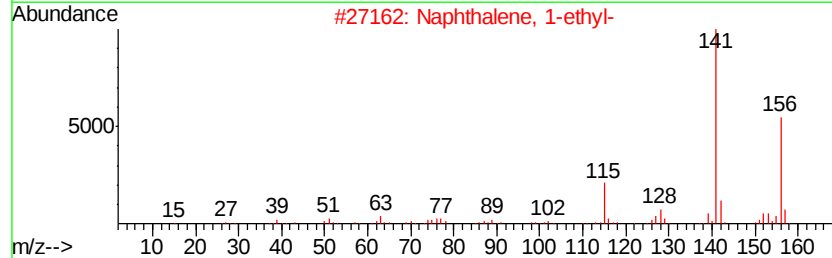
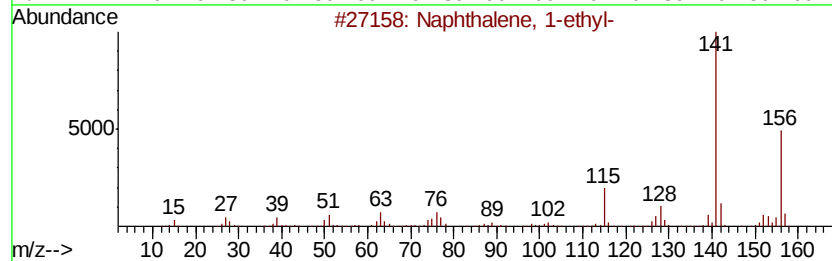
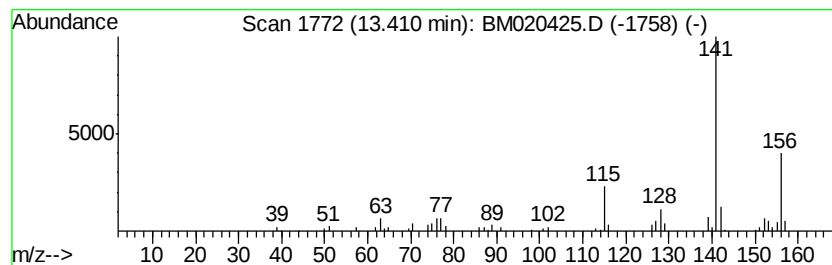
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	8.28 ng/ul	301921	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



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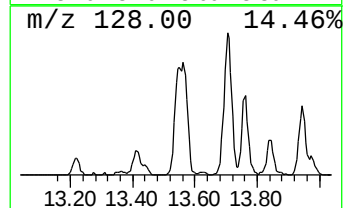
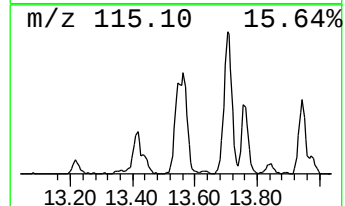
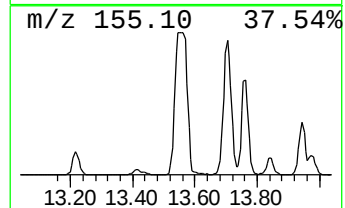
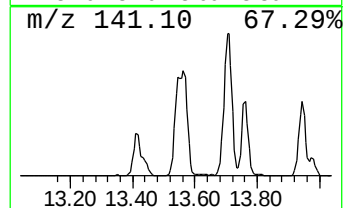
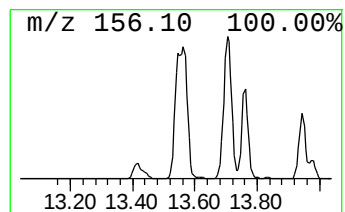
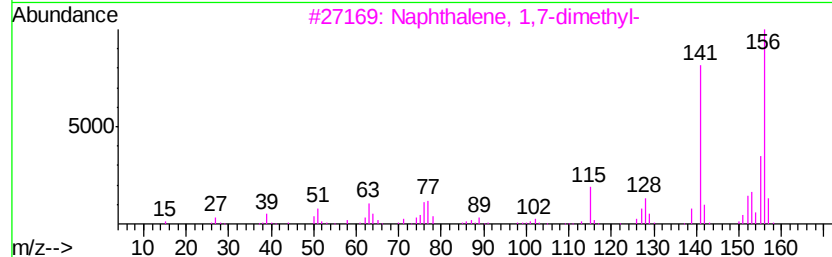
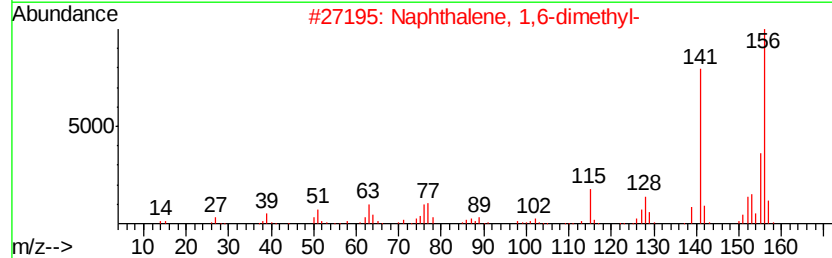
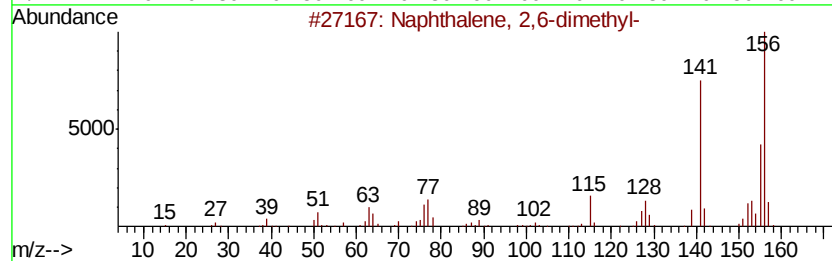
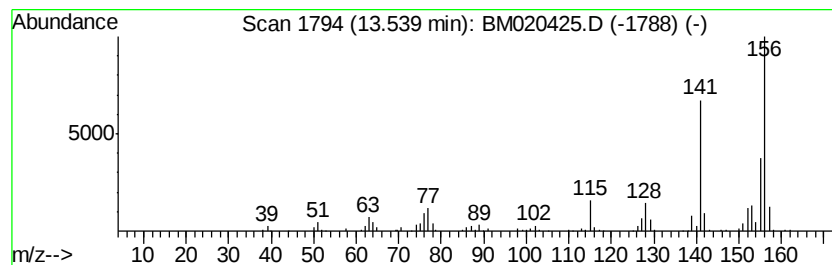
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	19.58 ng/ul	713817	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97



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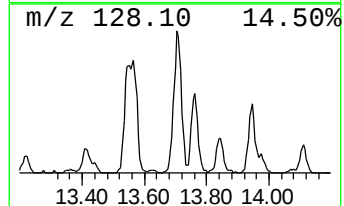
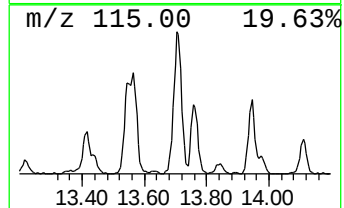
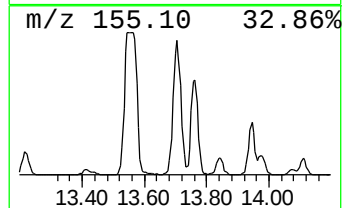
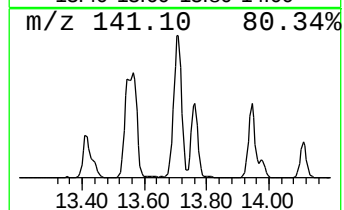
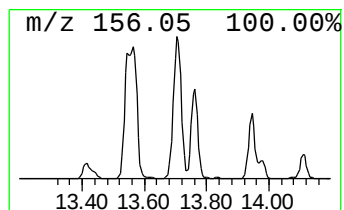
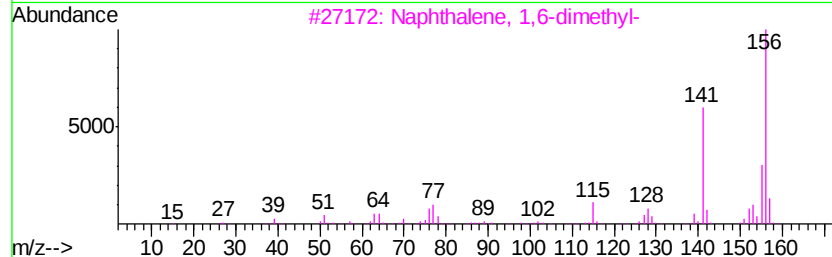
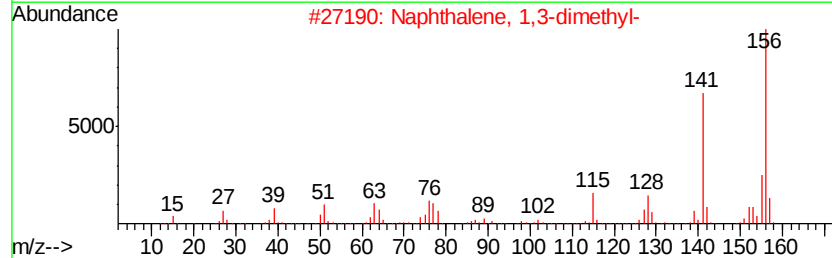
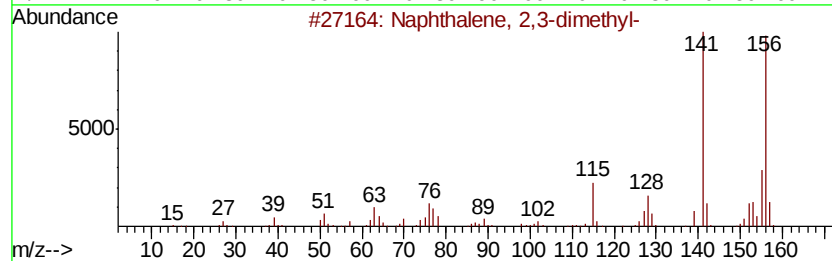
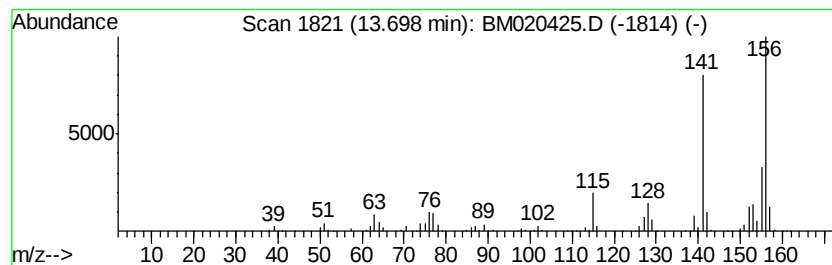
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	33.58 ng/ul	1224000	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



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Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL2

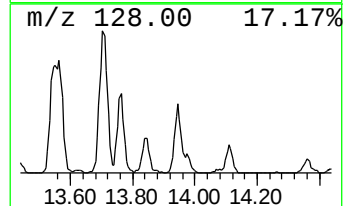
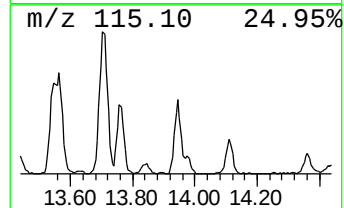
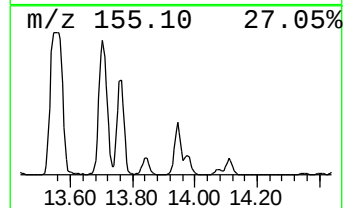
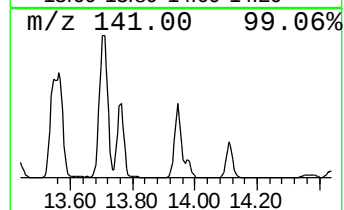
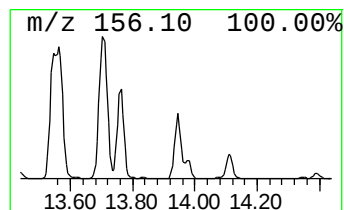
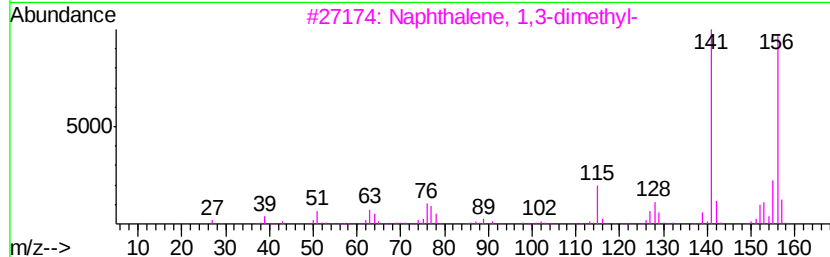
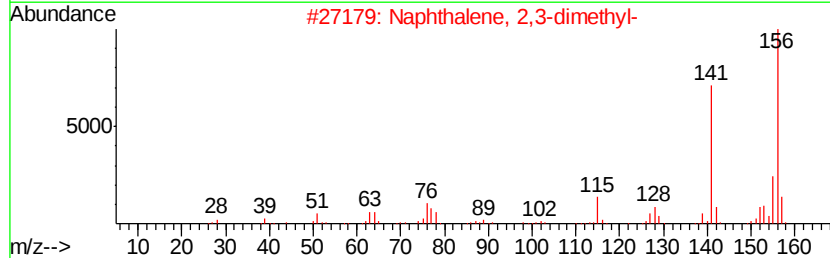
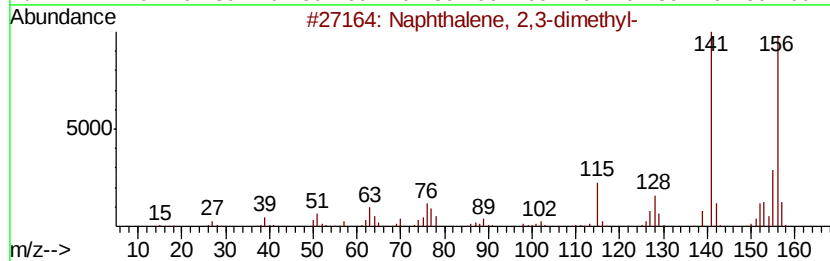
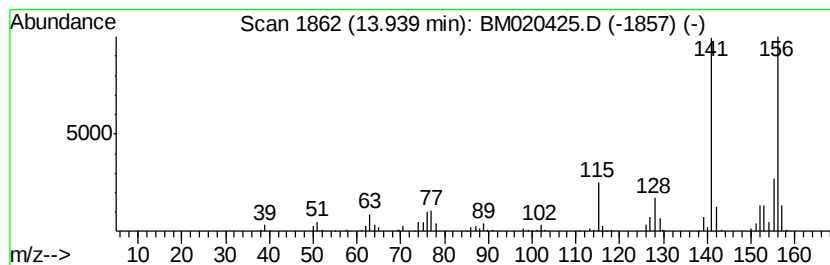
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	13.71 ng/ul	499583	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
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Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

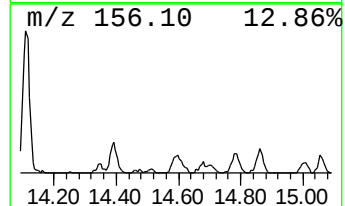
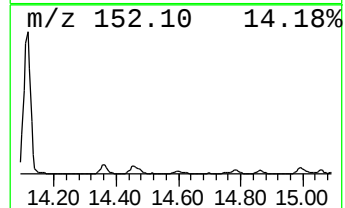
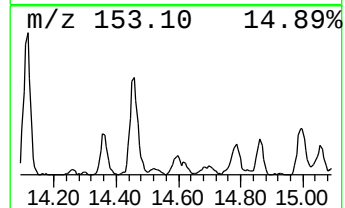
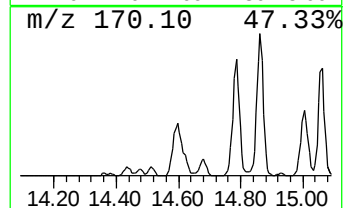
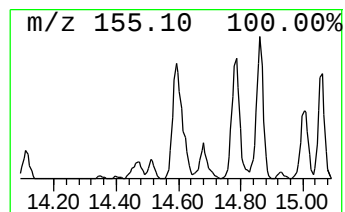
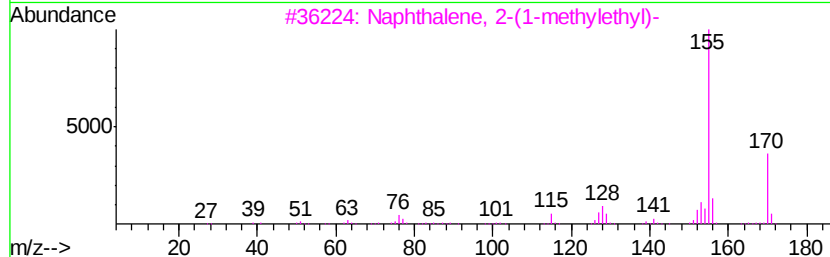
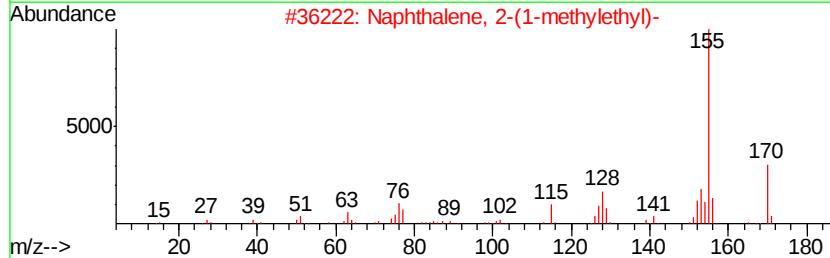
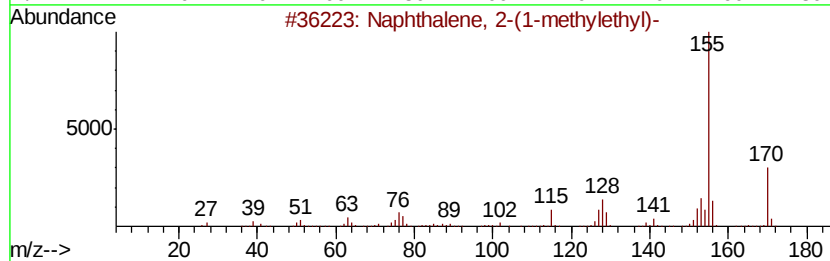
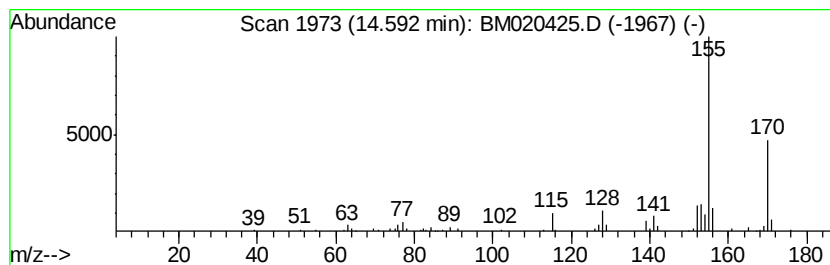
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.92 ng/ul	179153	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
2		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
3		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 90
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170 C8H7ClO2	001450-74-4 72
5		1'-Acetonaphthone	170 C12H10O	000941-98-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
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Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

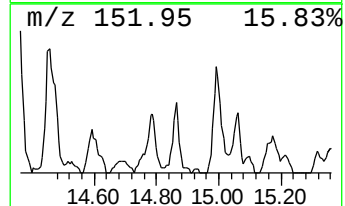
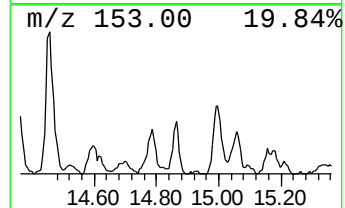
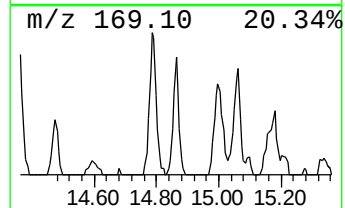
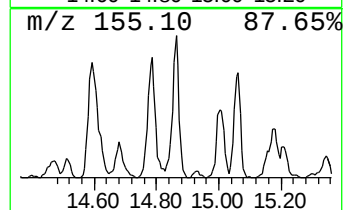
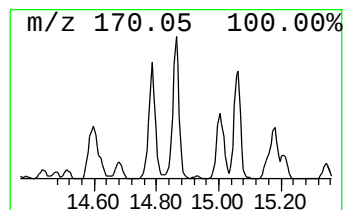
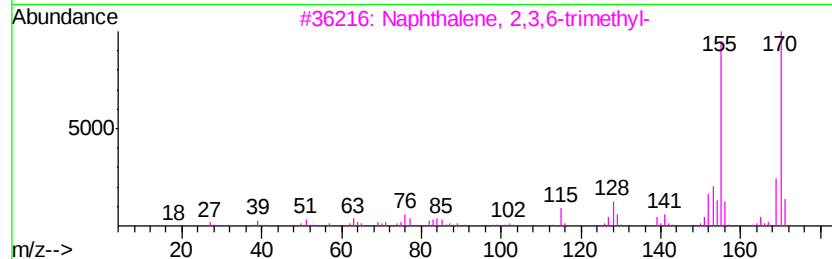
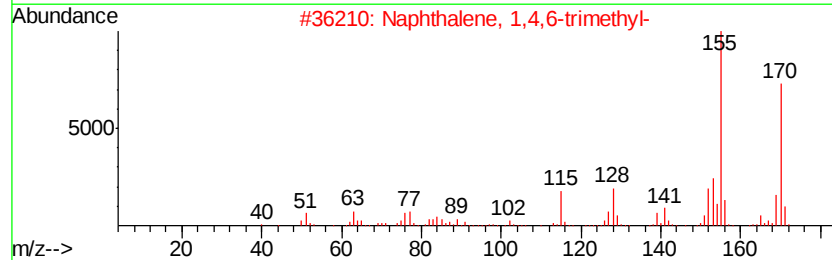
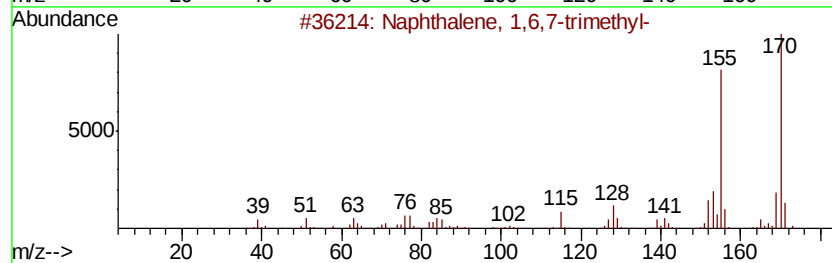
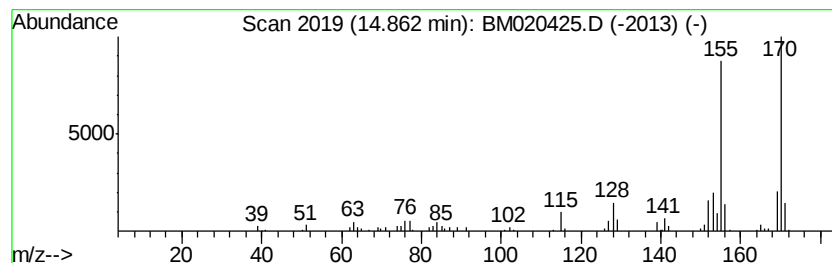
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.95 ng/ul	216875	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, 1,4,6-trimethyl-	170 C13H14	002131-42-2 97
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 96
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 96
5		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

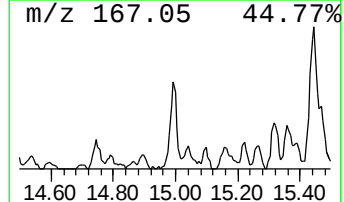
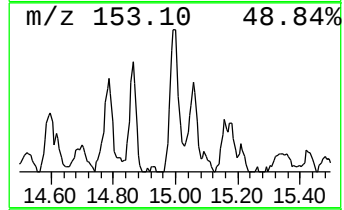
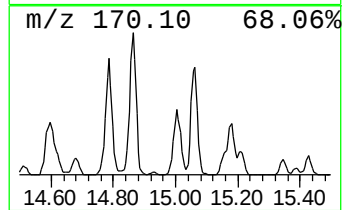
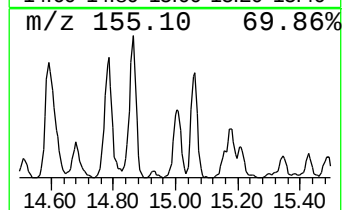
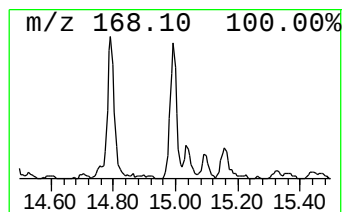
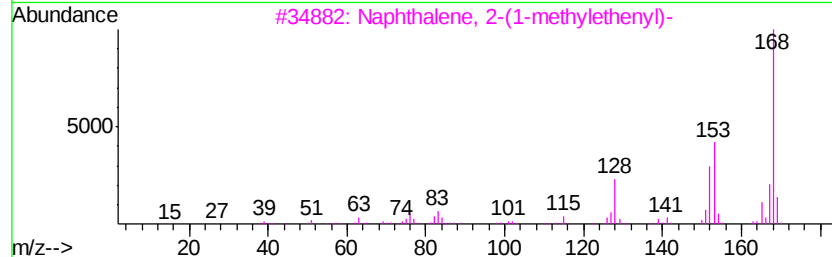
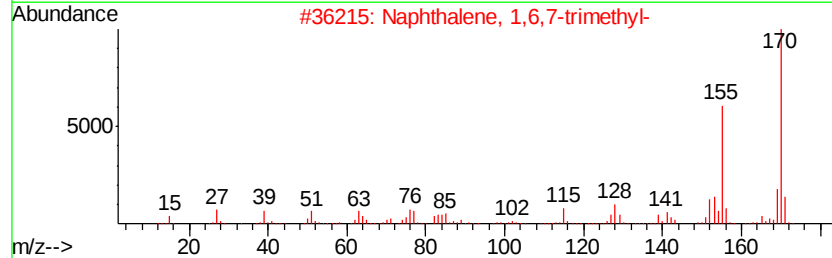
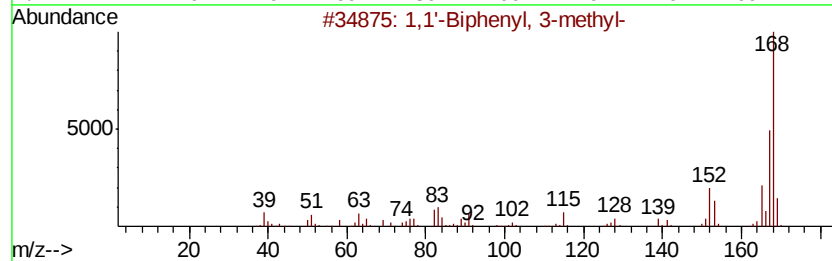
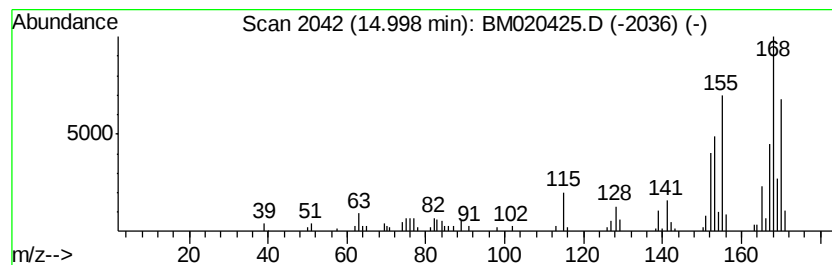
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.00	6.91 ng/ul	252006	Acenaphthene-d10	14.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
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Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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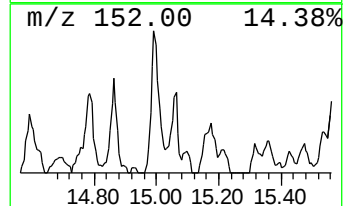
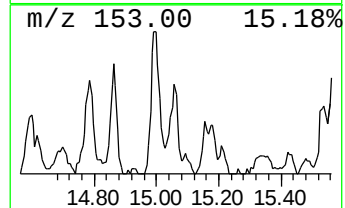
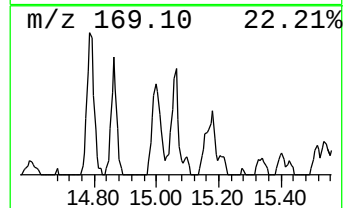
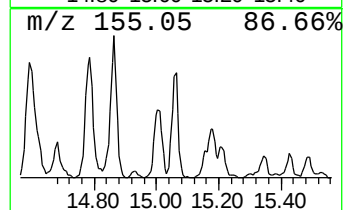
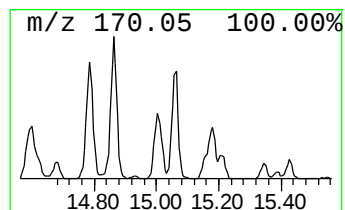
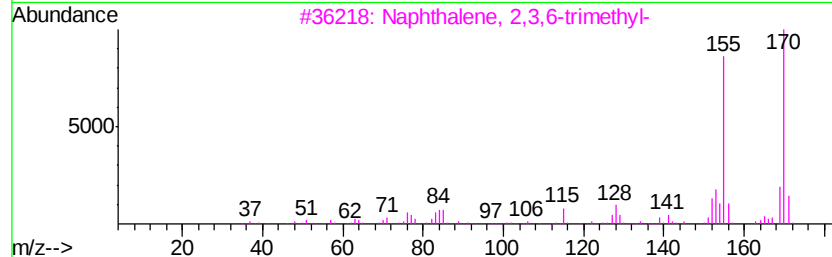
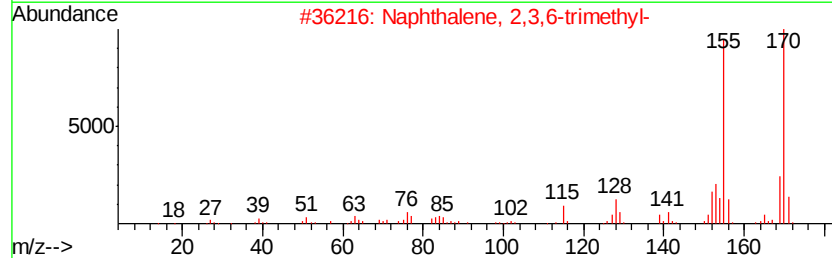
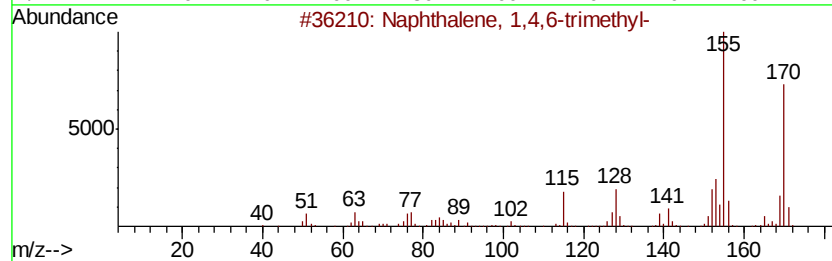
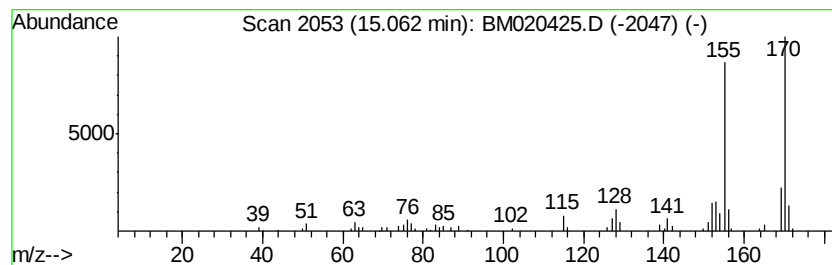
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.83 ng/ul	176016	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	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	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
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Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

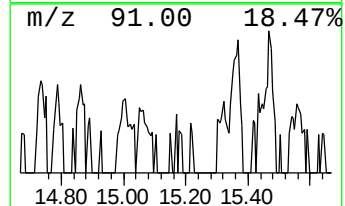
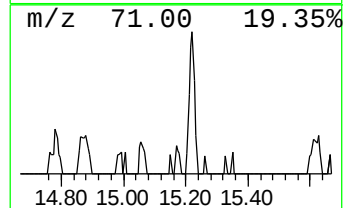
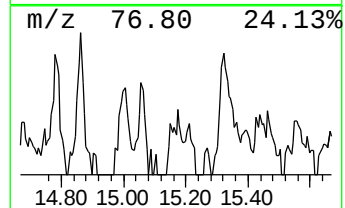
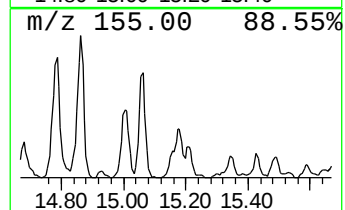
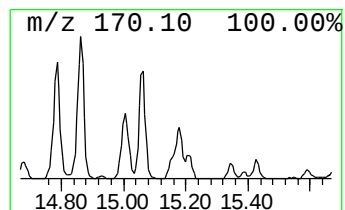
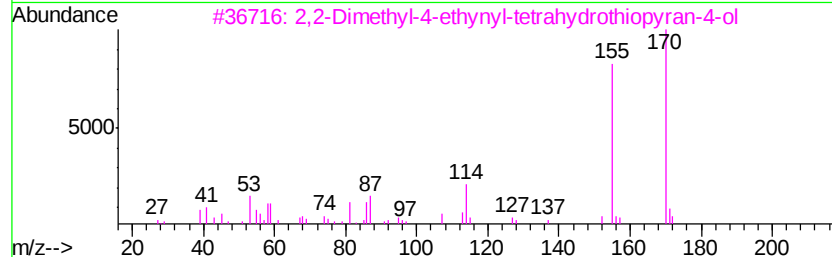
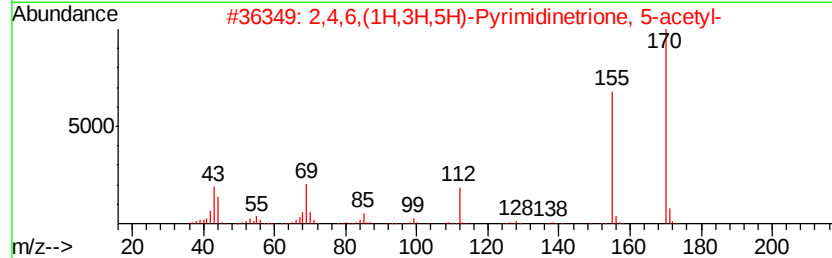
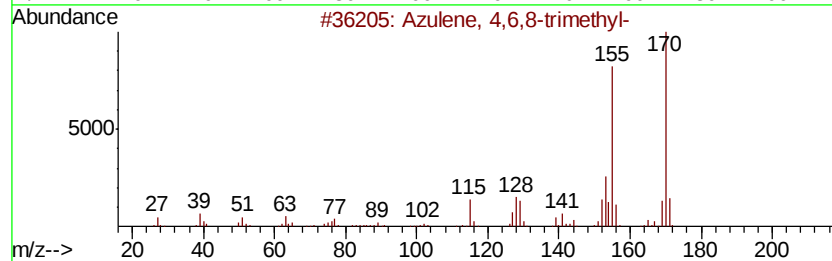
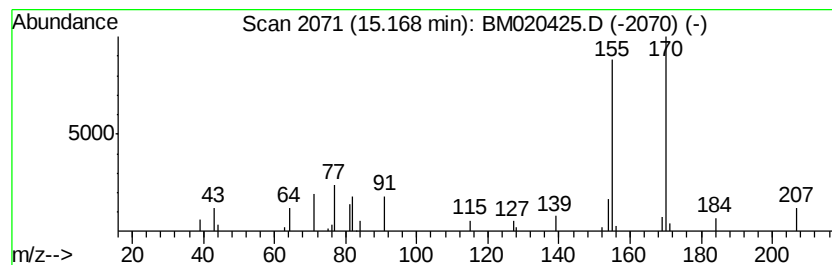
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Azulene, 4,6,8-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.30 ng/ul	83922	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 72
2		2,4,6,(1H,3H,5H)-Pyrimidinetrion...	170 C6H6N2O4	058713-02-3 72
3		2,2-Dimethyl-4-ethynyl-tetrahydr...	170 C9H14OS	015601-02-2 50
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 50
5		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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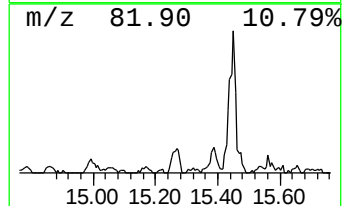
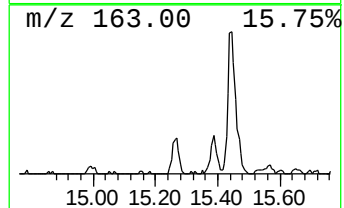
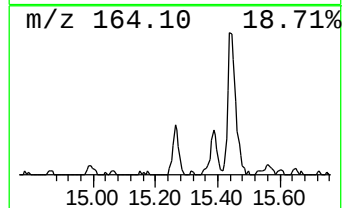
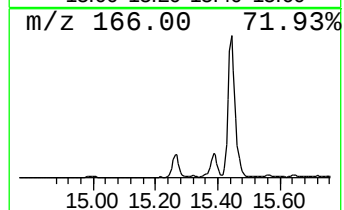
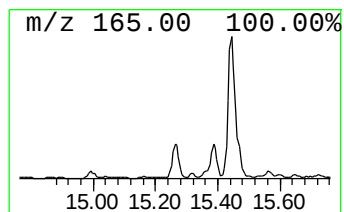
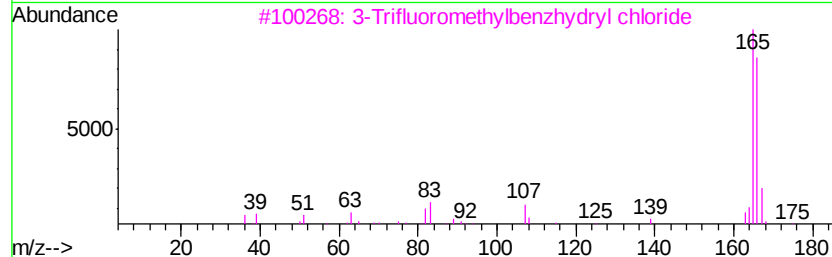
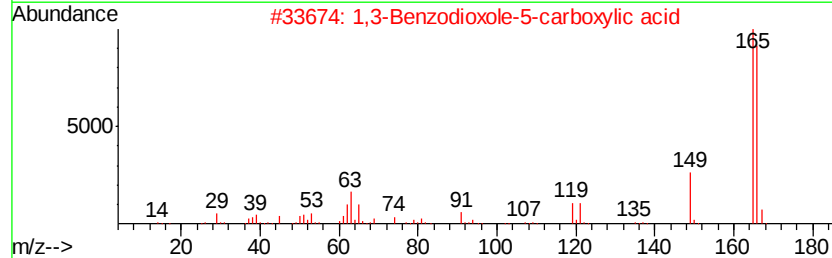
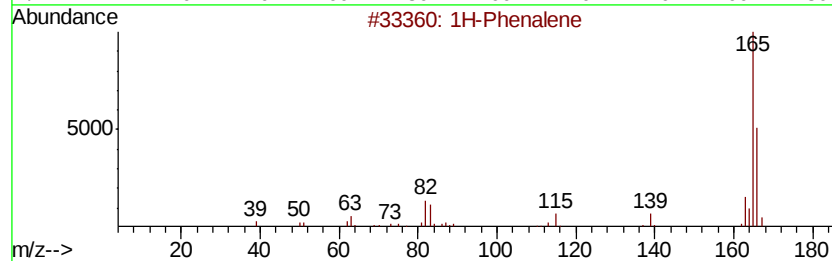
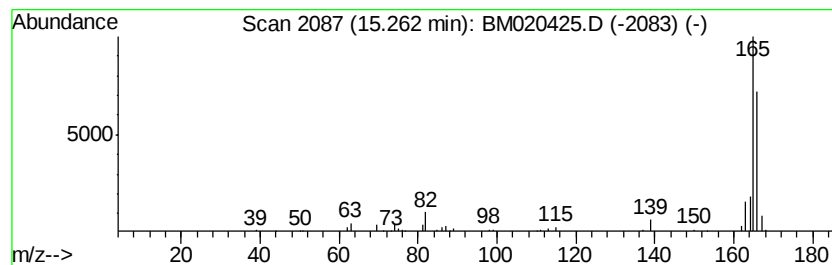
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1H-Phenalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.14 ng/ul	114464	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	78
2			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
3			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
4			Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
5			Fluorene	166	C13H10	000086-73-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL2

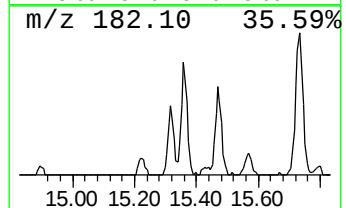
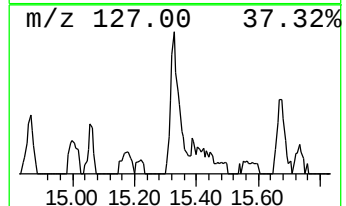
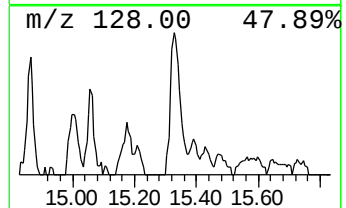
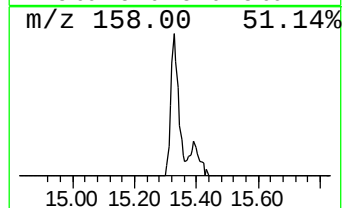
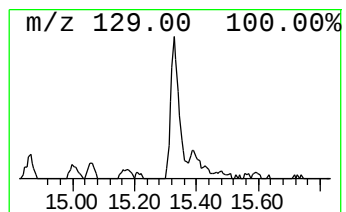
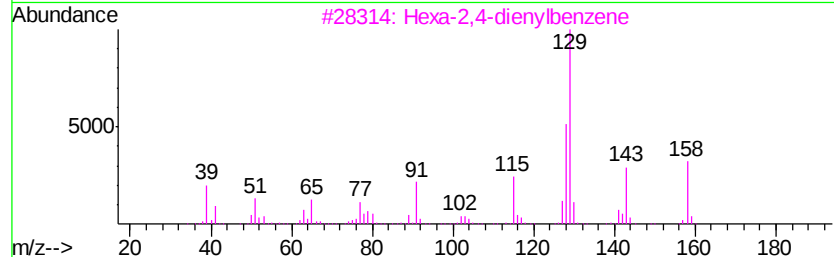
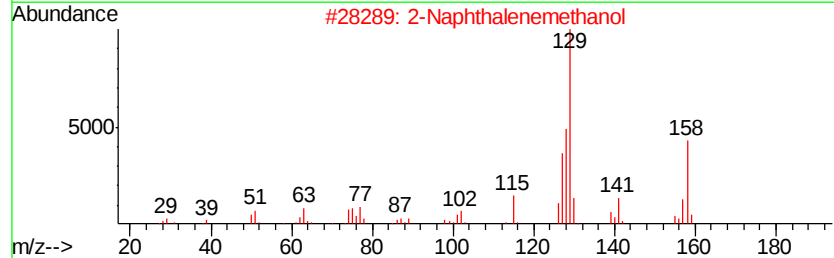
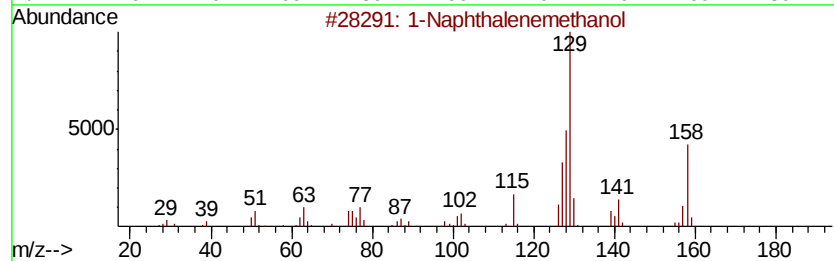
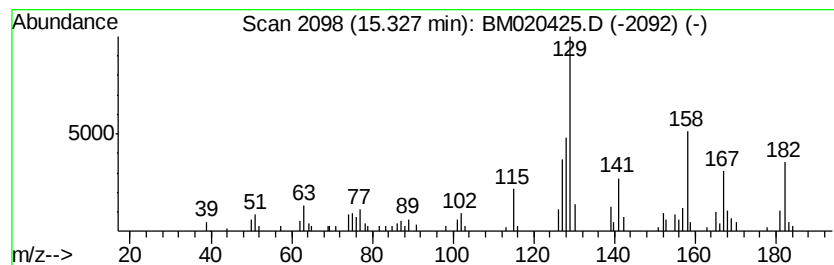
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1-Naphthalenemethanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.56 ng/ul	166381	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenemethanol	158	C11H10O	004780-79-4	96
2			2-Naphthalenemethanol	158	C11H10O	001592-38-7	96
3			Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	50
4			1-Naphthalenemethanol	158	C11H10O	004780-79-4	43
5			1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL2

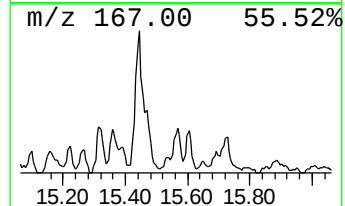
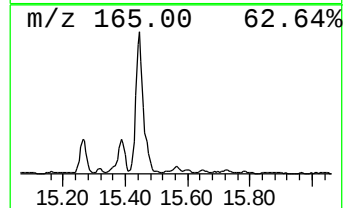
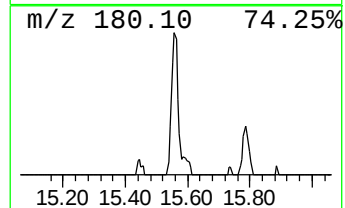
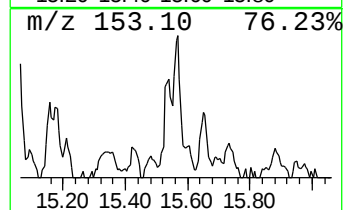
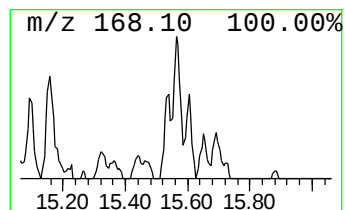
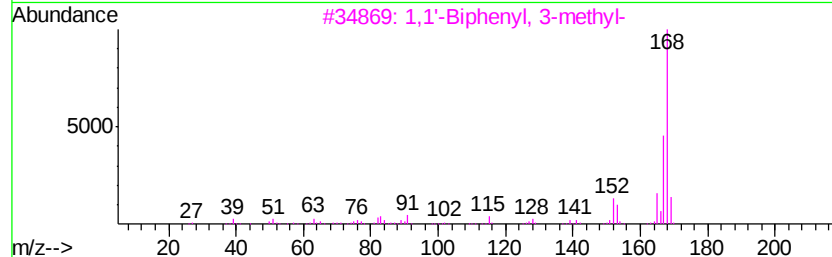
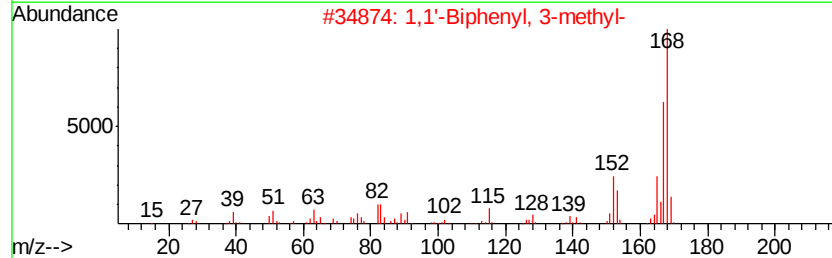
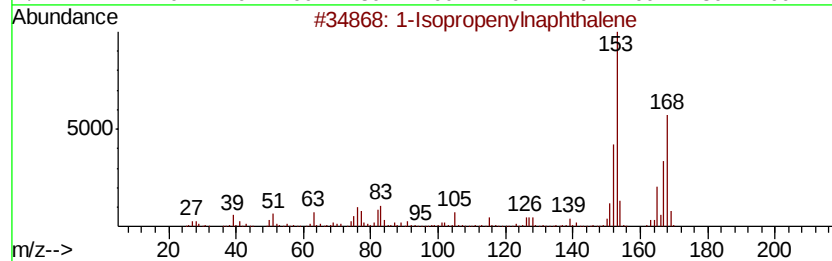
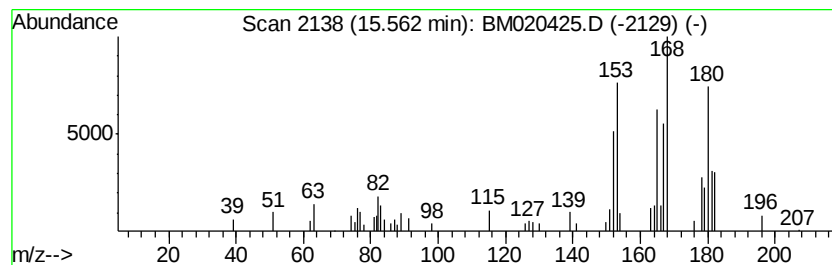
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	4.24 ng/ul	154361	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	45
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	42
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	35
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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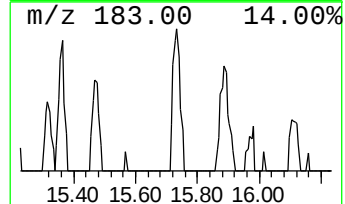
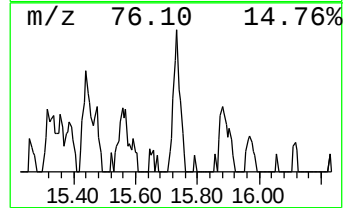
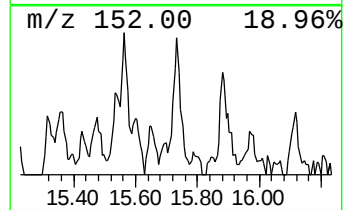
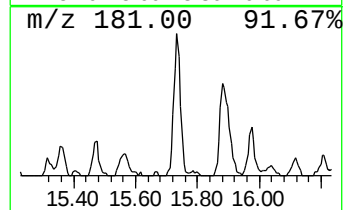
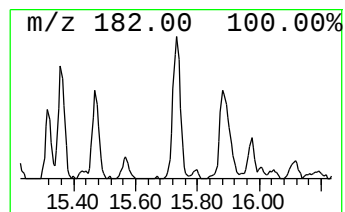
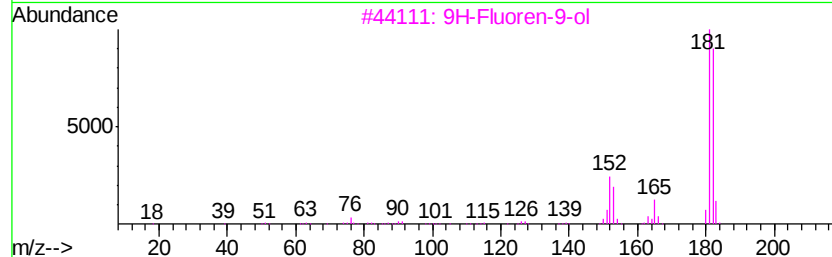
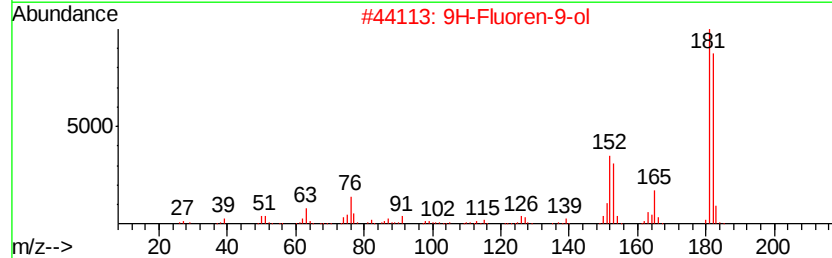
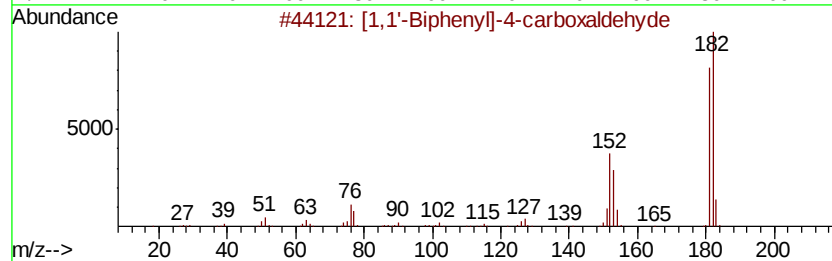
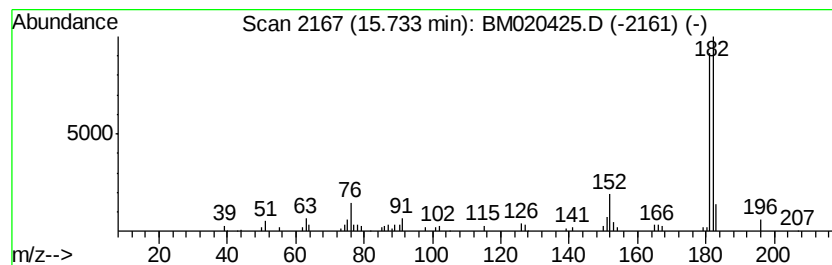
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.73 ng/ul	136059	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			9H-Xanthene	182	C13H10O	000092-83-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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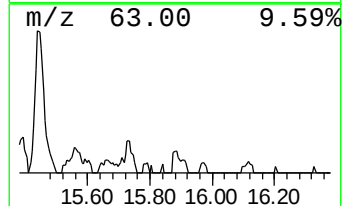
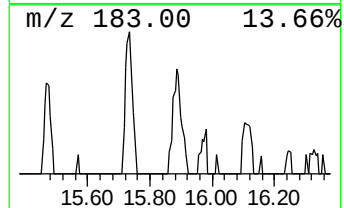
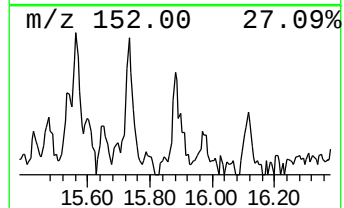
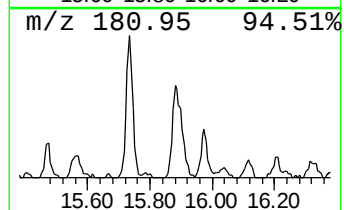
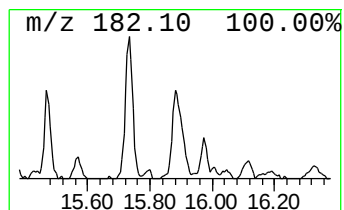
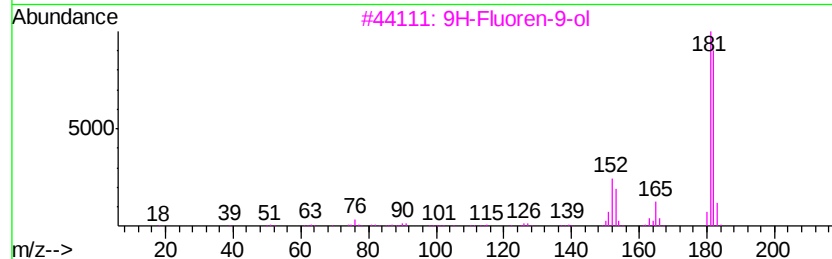
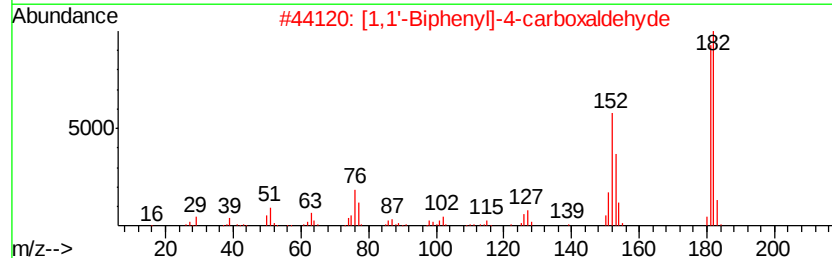
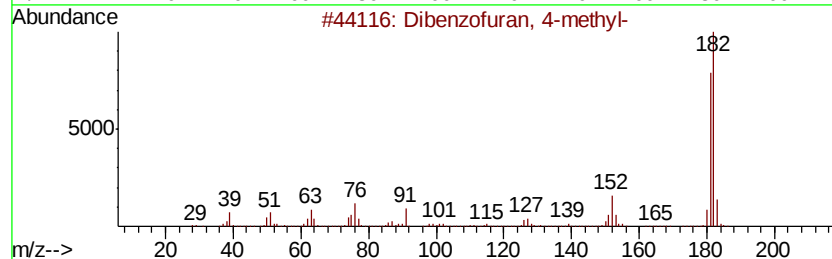
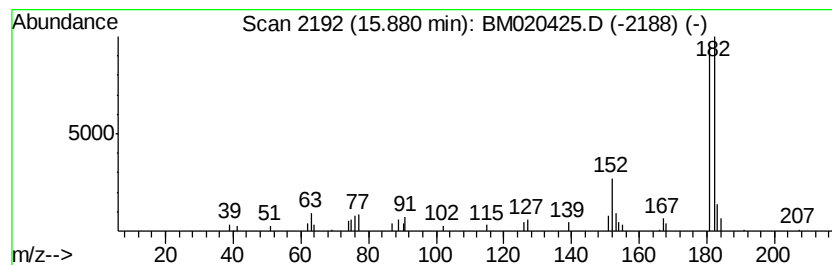
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.14 ng/ul	88082	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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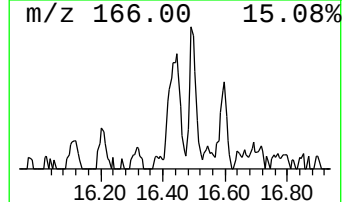
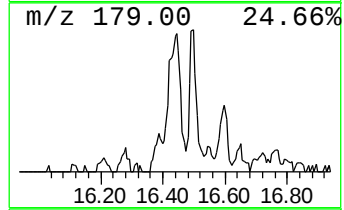
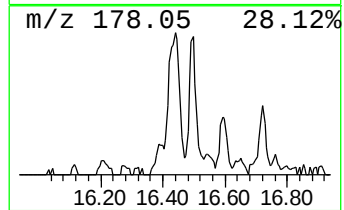
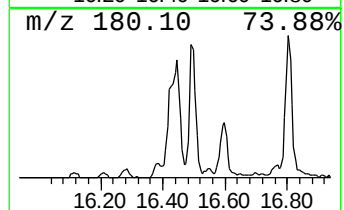
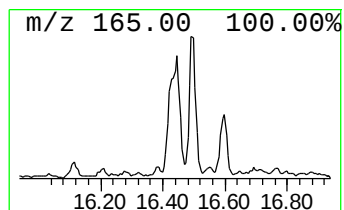
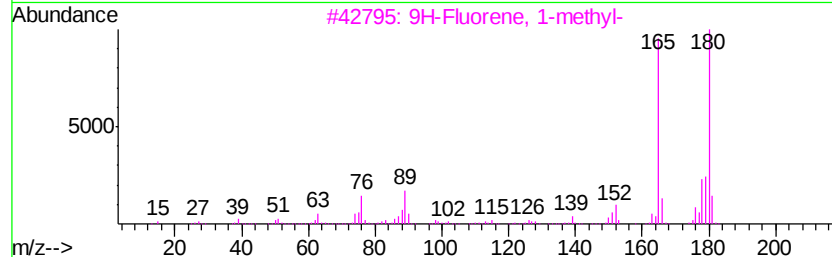
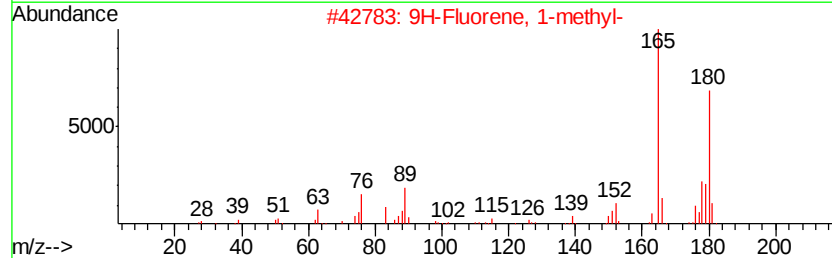
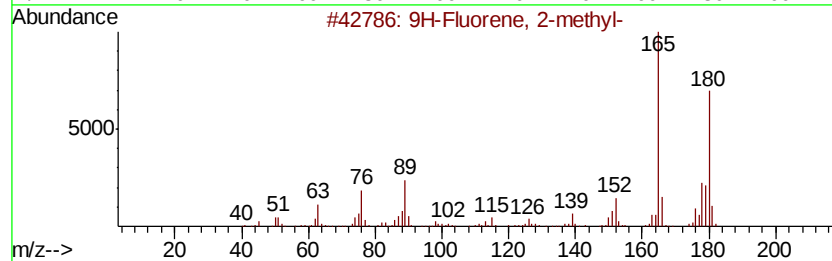
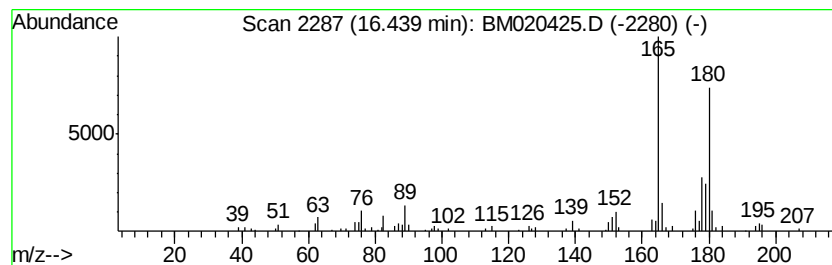
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.14 ng/ul	293582	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJ96DL2

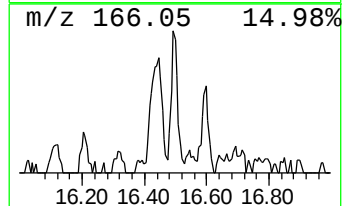
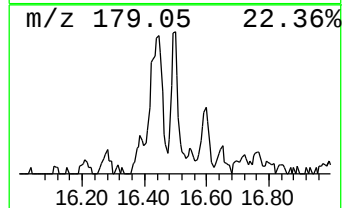
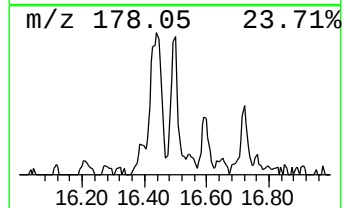
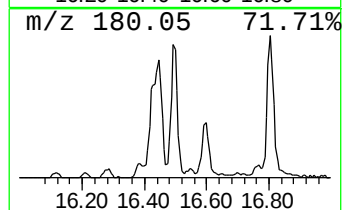
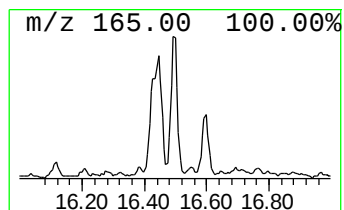
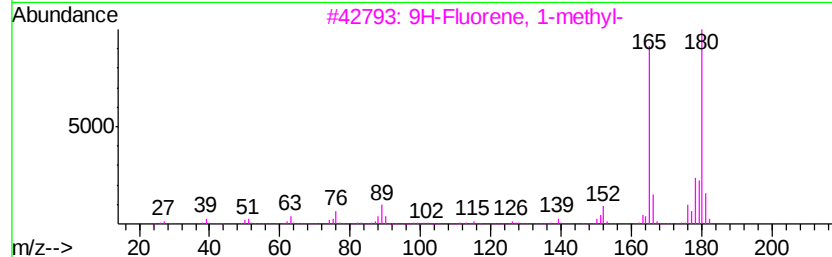
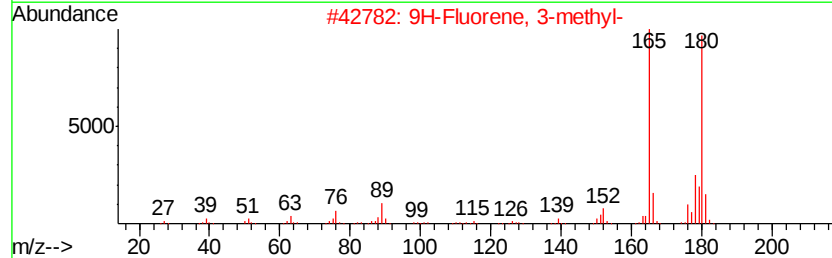
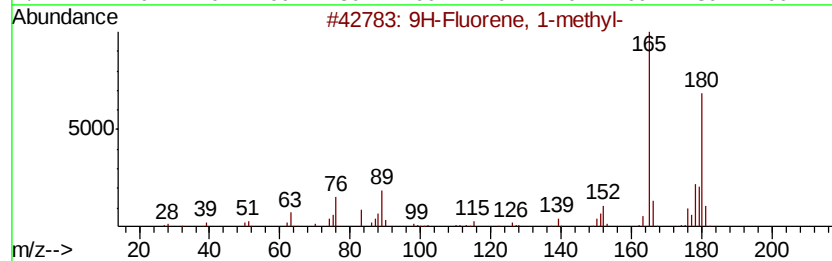
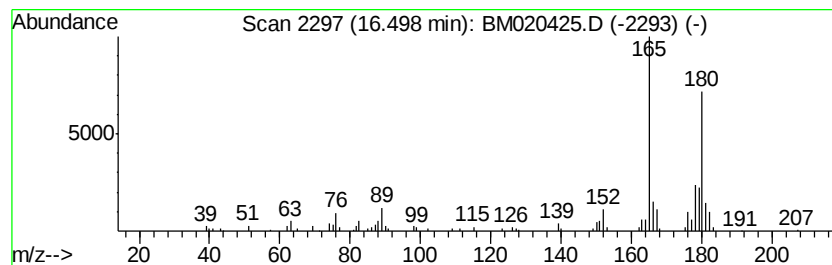
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	4.62 ng/ul	189691	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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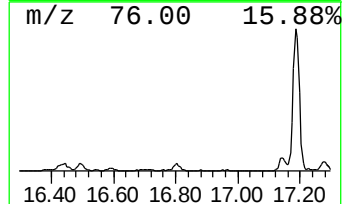
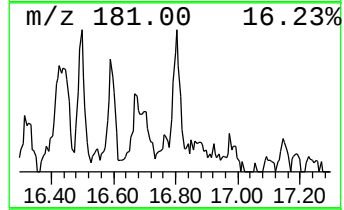
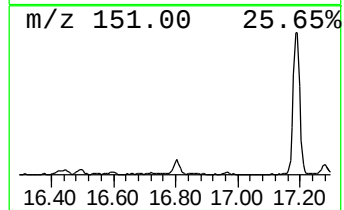
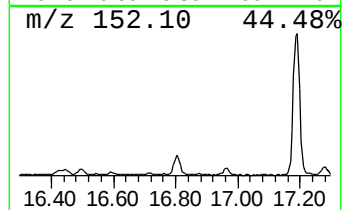
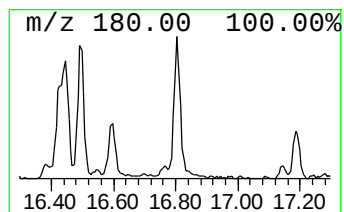
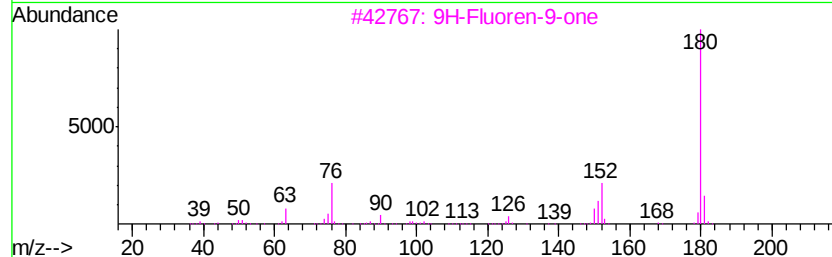
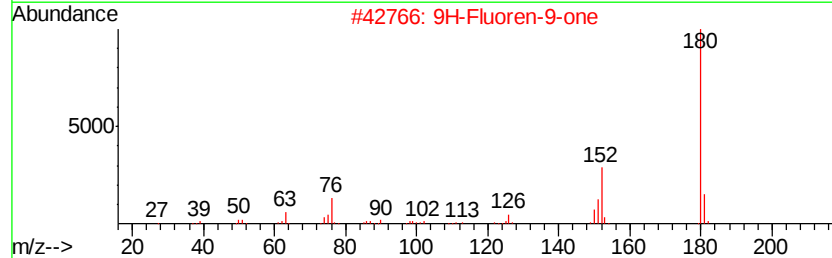
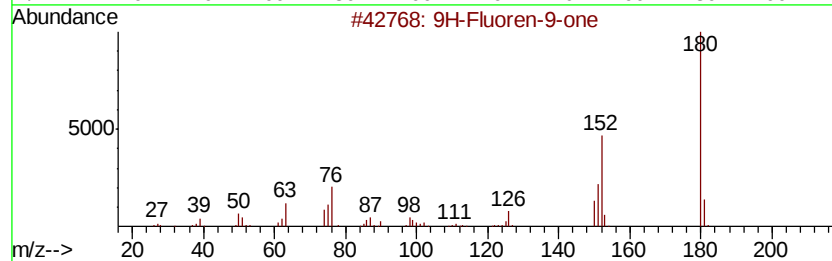
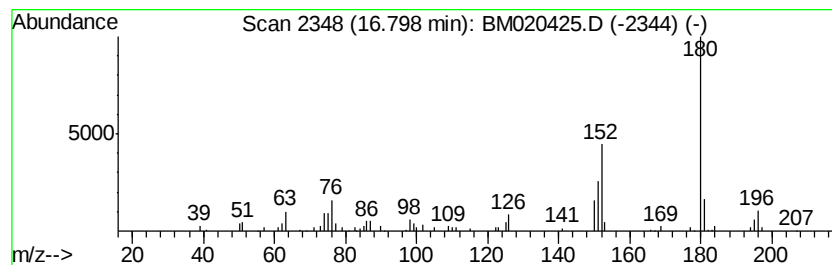
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.27 ng/ul	134392	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL2

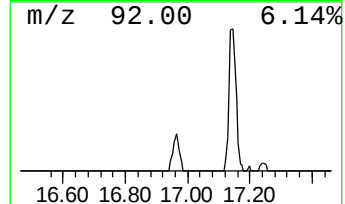
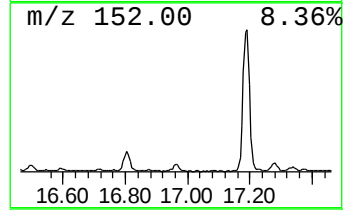
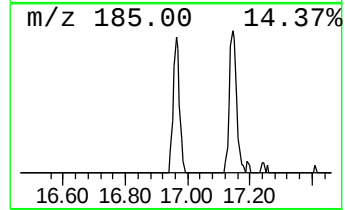
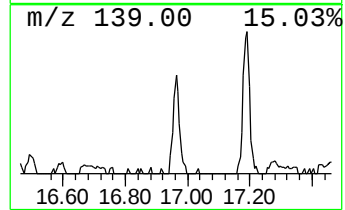
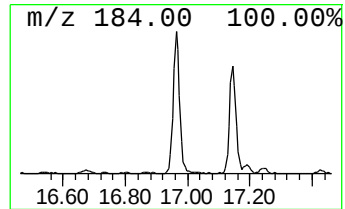
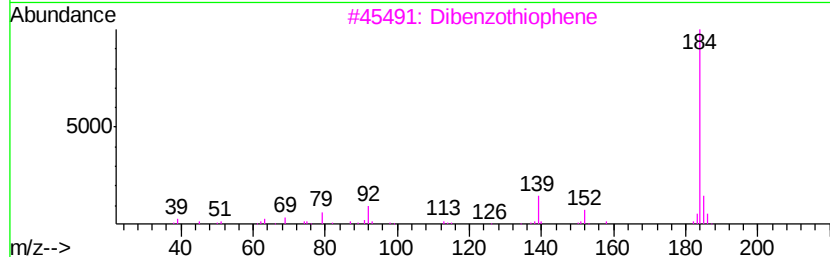
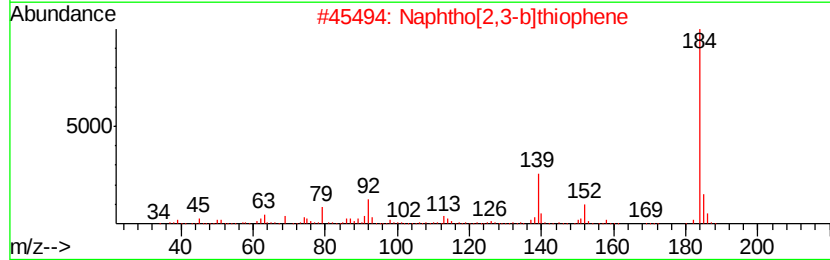
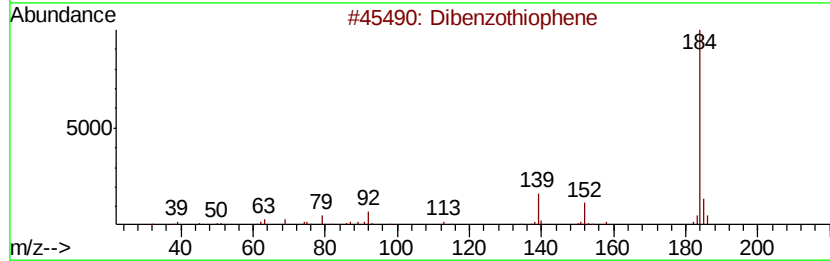
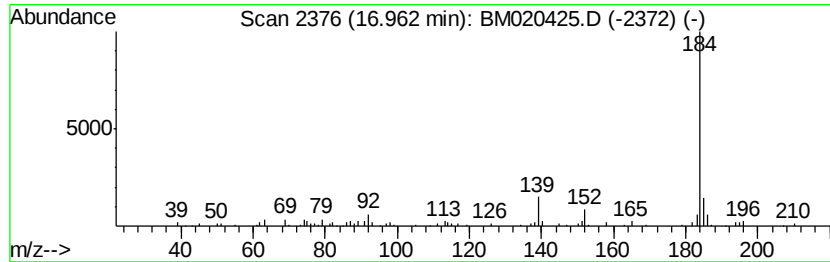
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Dibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	3.62 ng/ul	148600	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	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
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 : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL2

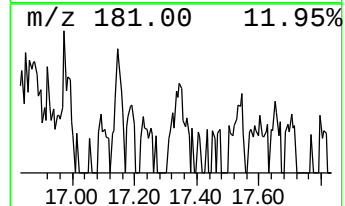
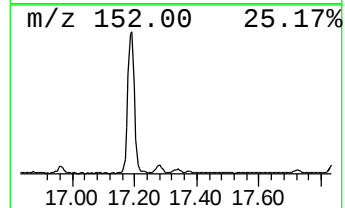
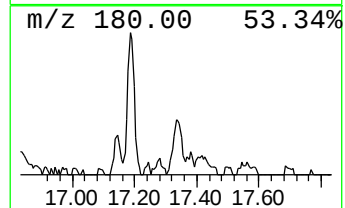
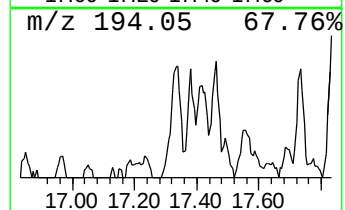
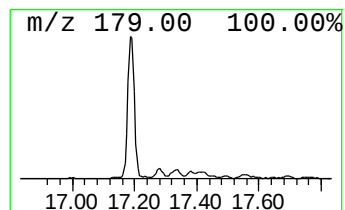
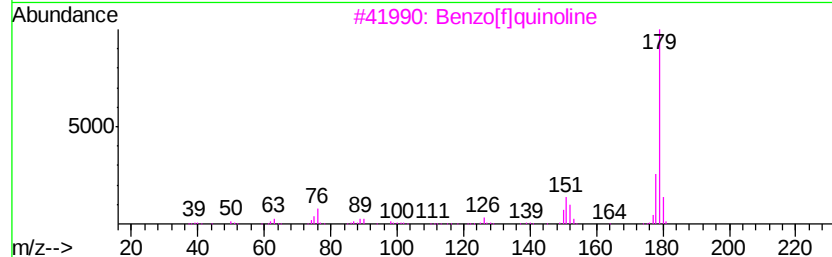
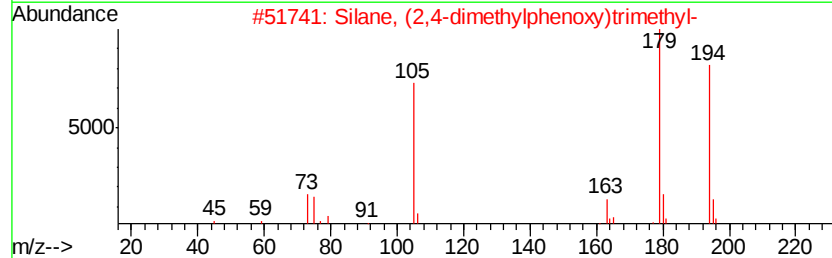
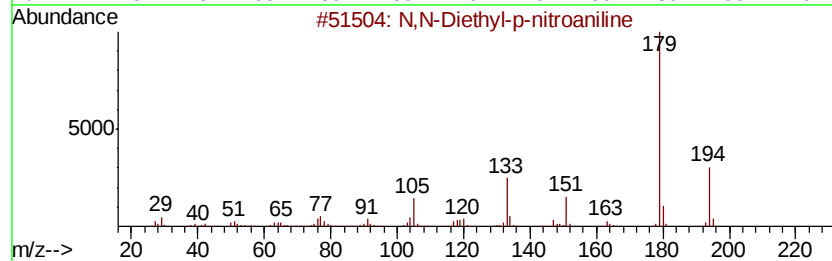
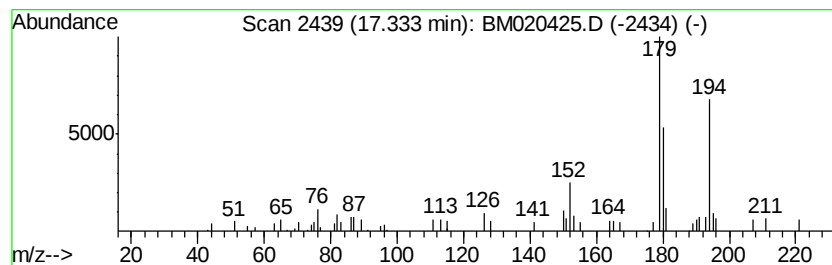
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	2.19 ng/ul	89888	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	49
2		Silane, (2,4-dimethylphenoxy)tri...	194	C11H18OSi	016414-81-6	47
3		Benzo[f]quinoline	179	C13H9N	000085-02-9	43
4		Benzo[h]quinoline	179	C13H9N	000230-27-3	43
5		Benzo[f]quinoline	179	C13H9N	000085-02-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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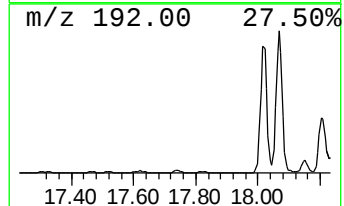
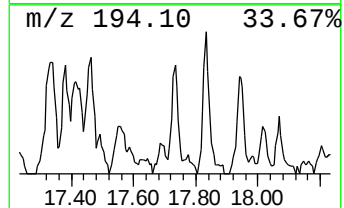
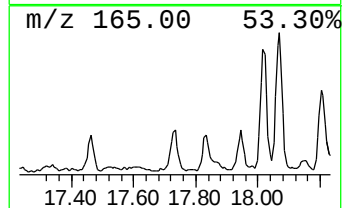
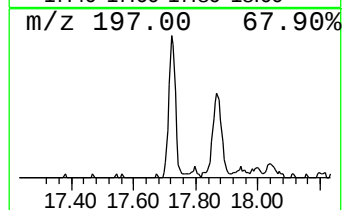
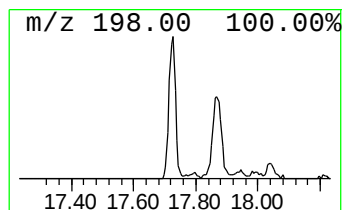
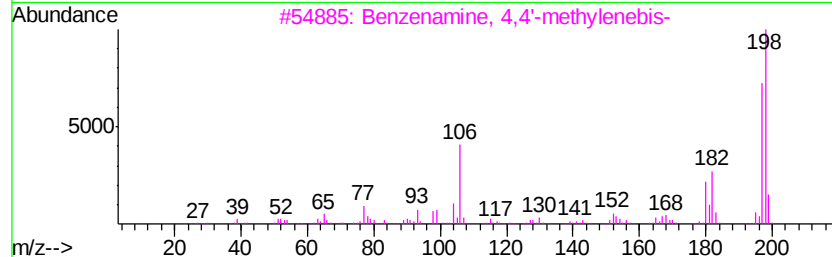
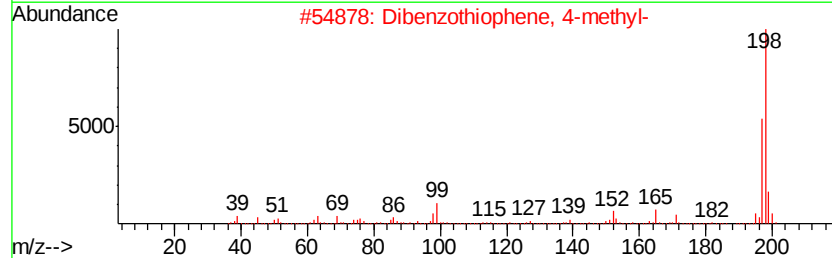
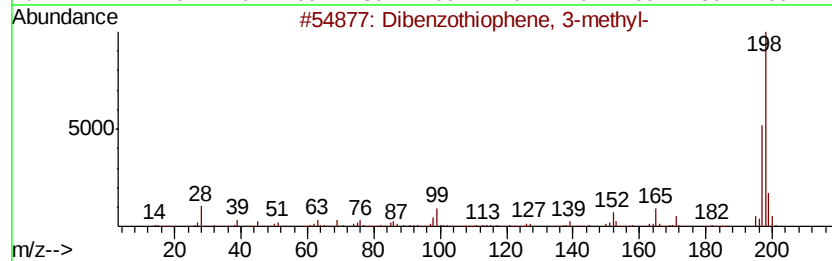
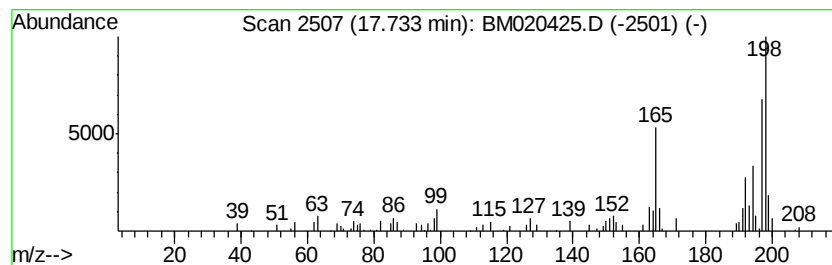
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.32 ng/ul	136516	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
3			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4			Thioxanthene	198	C13H10S	000261-31-4	64
5			9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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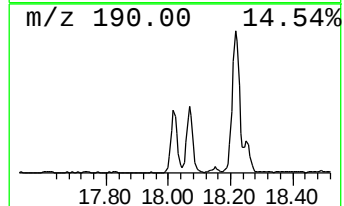
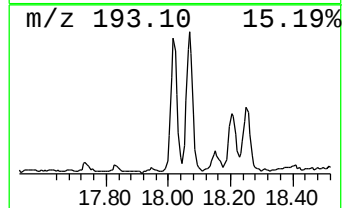
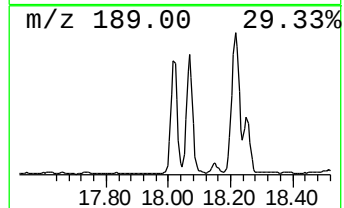
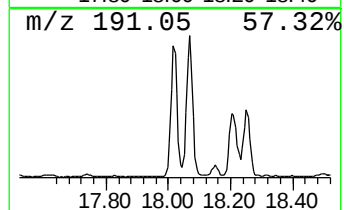
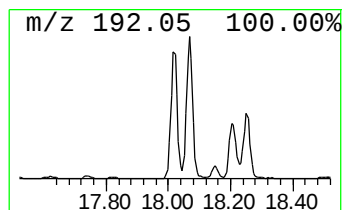
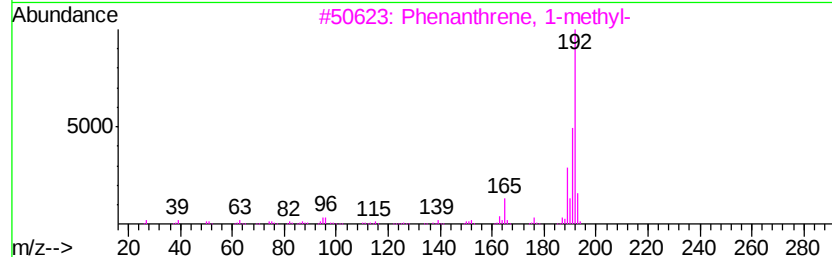
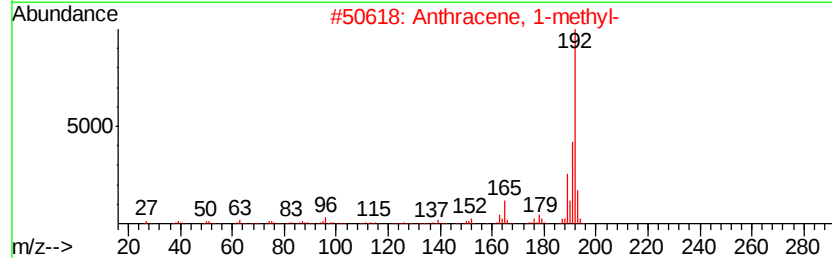
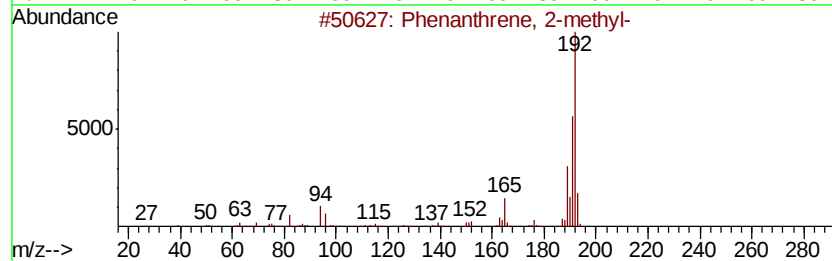
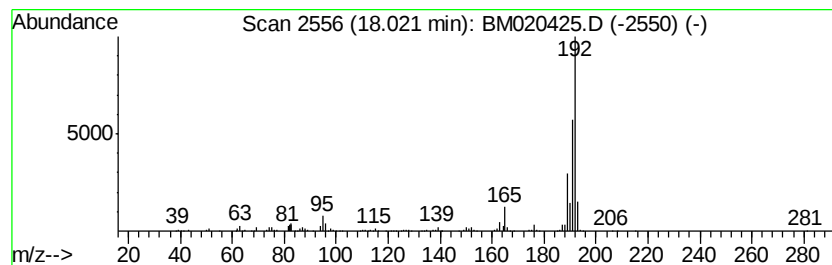
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	15.79 ng/ul	648732	Phenanthrene-d10	17.14

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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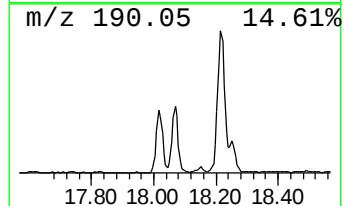
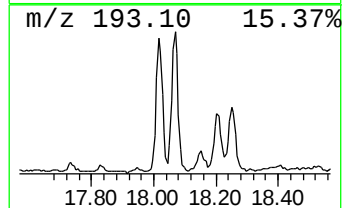
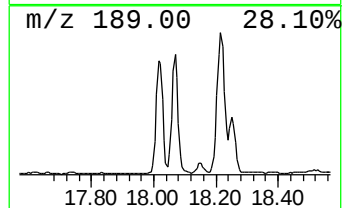
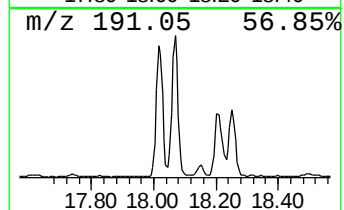
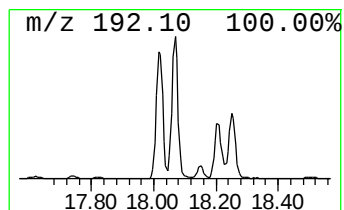
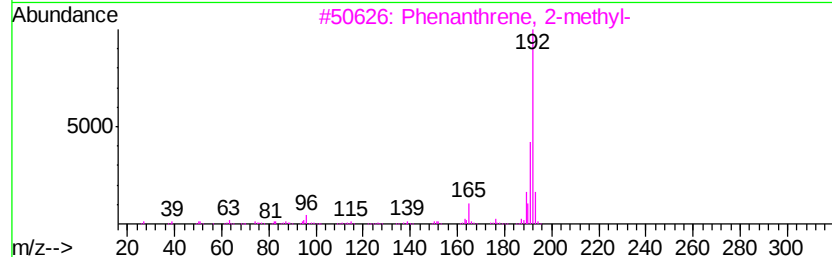
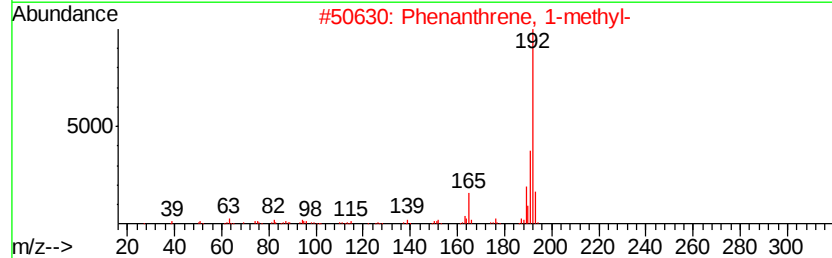
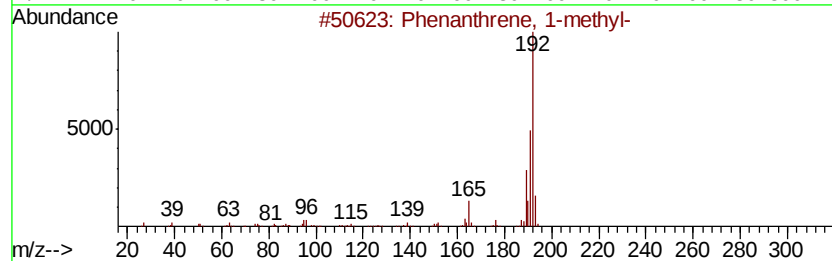
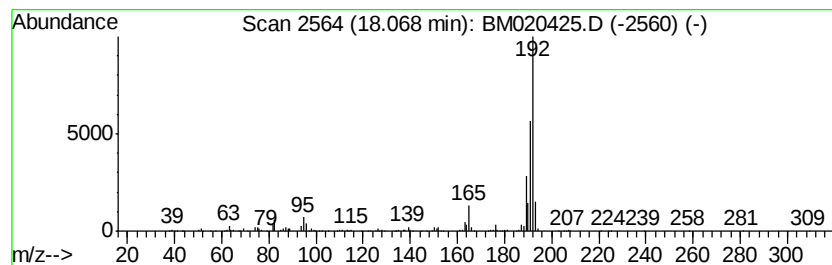
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	16.22 ng/ul	666698	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, 1-methyl-	192	C15H12	000832-69-9	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
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Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
GAJ96DL2

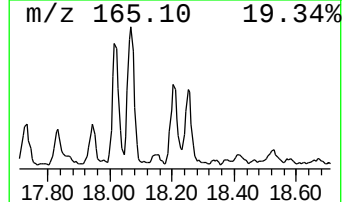
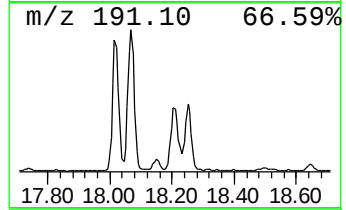
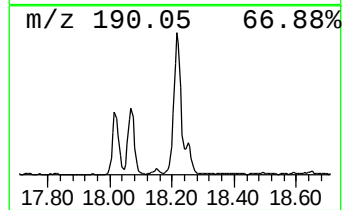
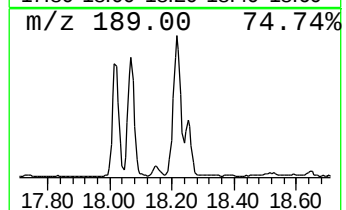
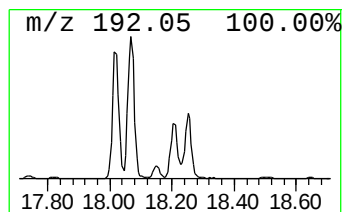
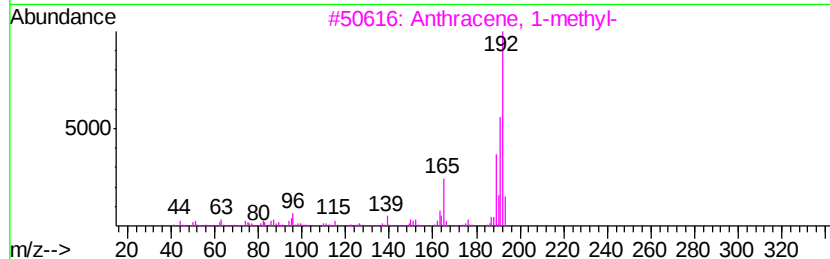
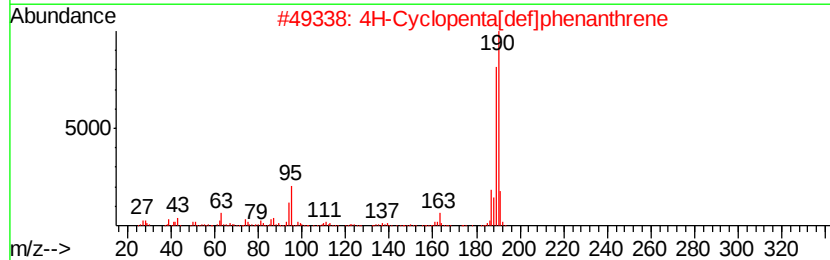
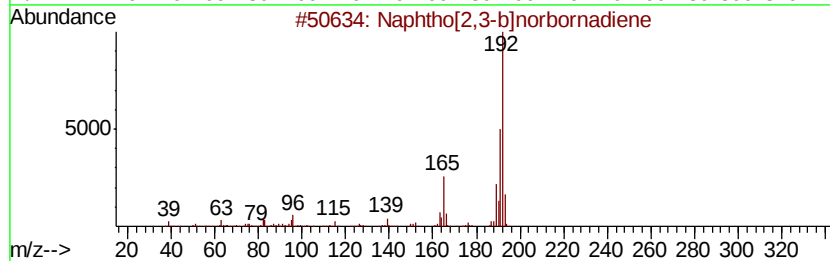
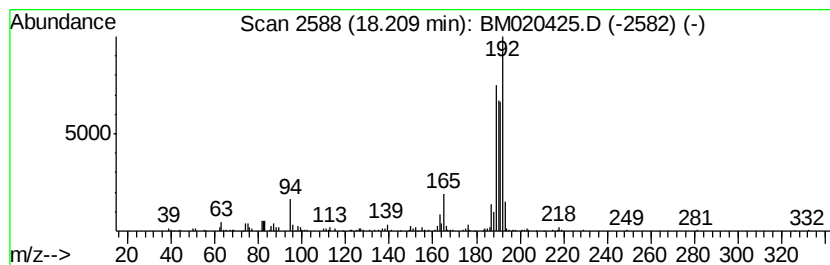
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphtho[2,3-b]norbornadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	12.89 ng/ul	529904	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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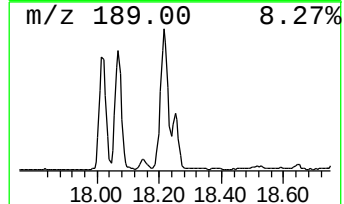
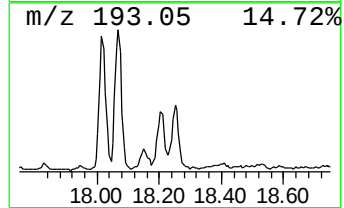
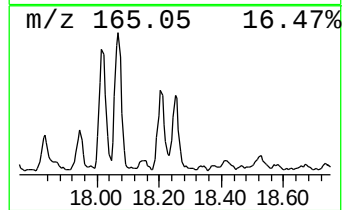
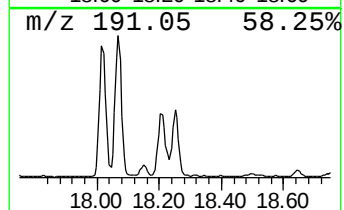
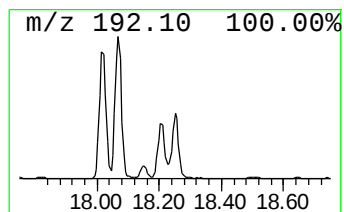
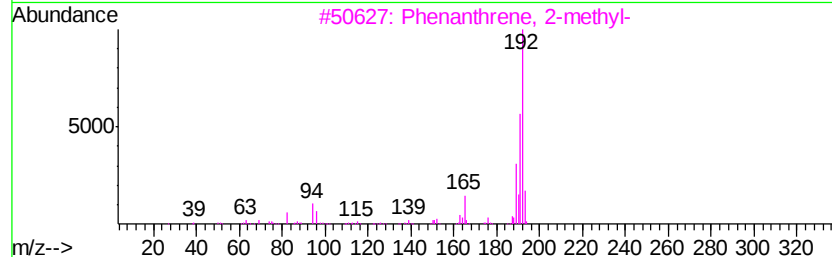
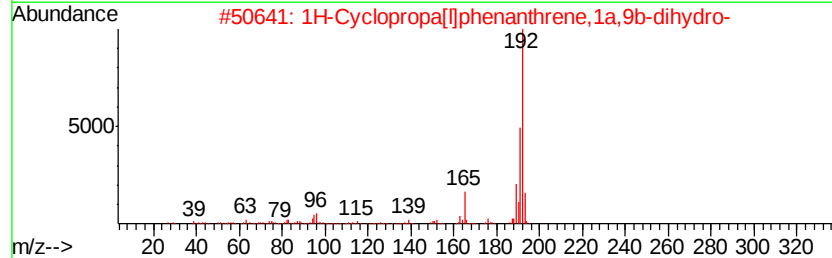
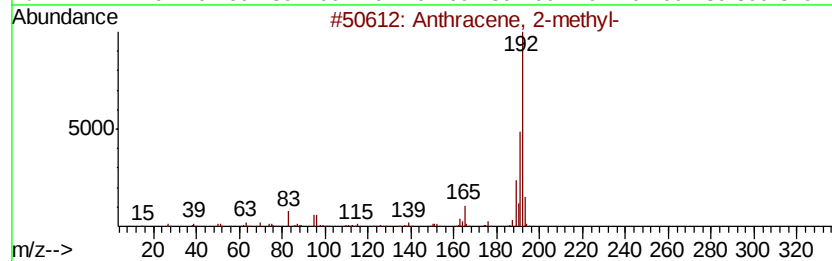
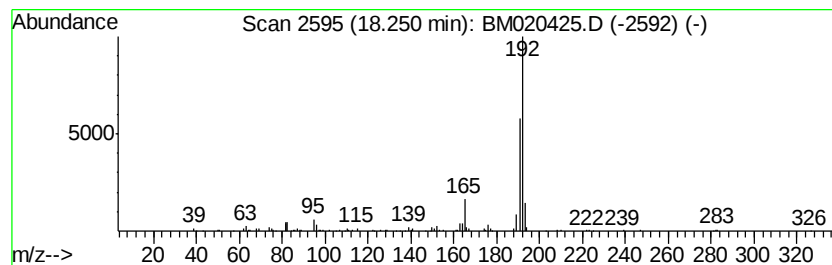
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	7.57 ng/ul	311103	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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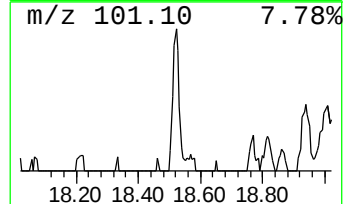
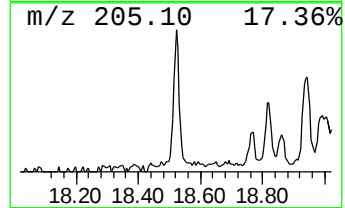
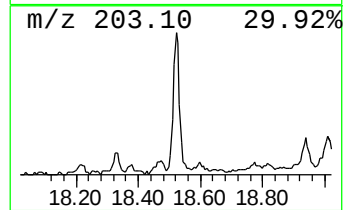
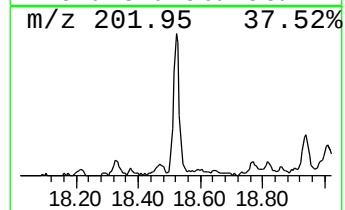
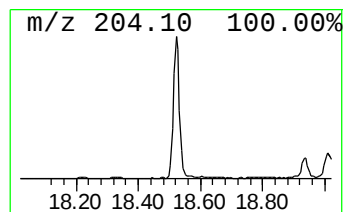
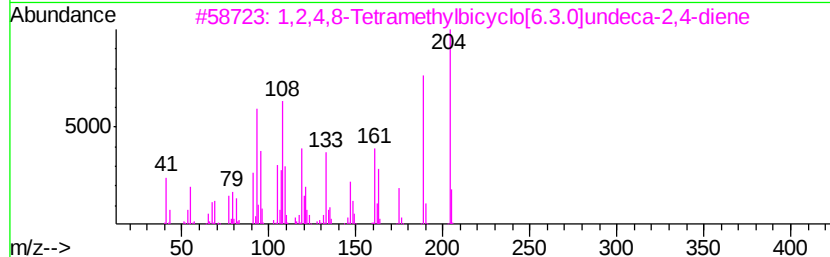
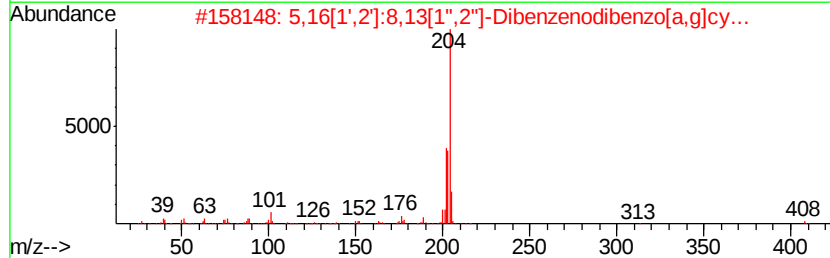
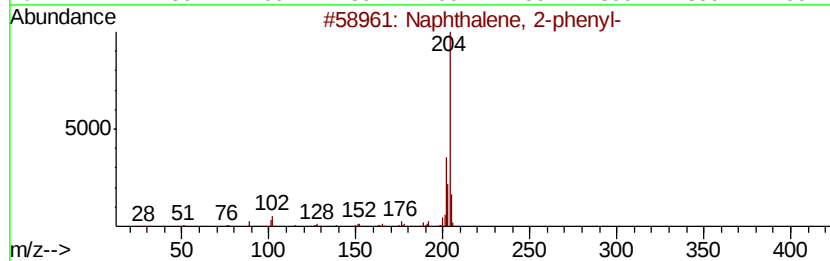
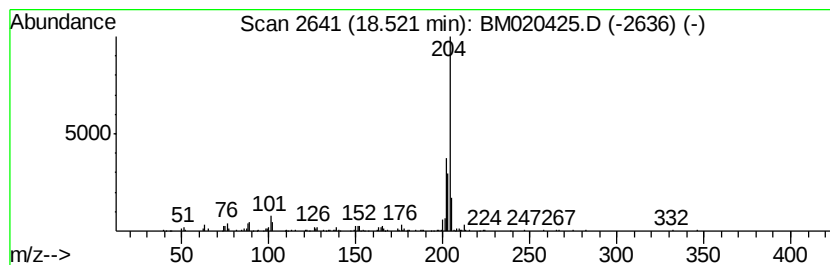
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	6.08 ng/ul	249902	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	86
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	81
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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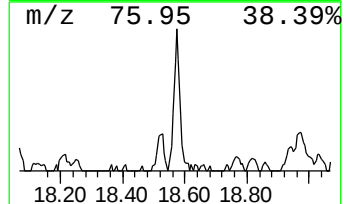
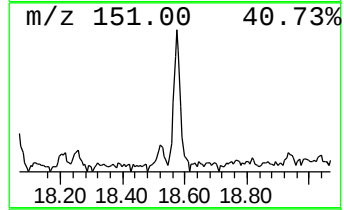
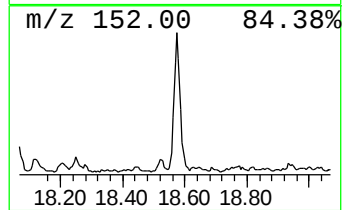
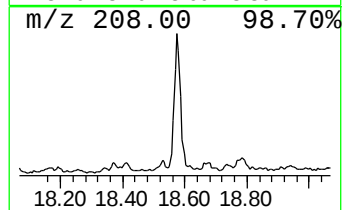
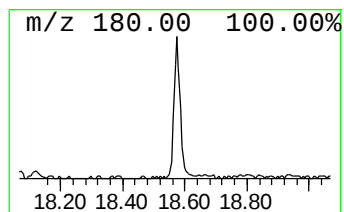
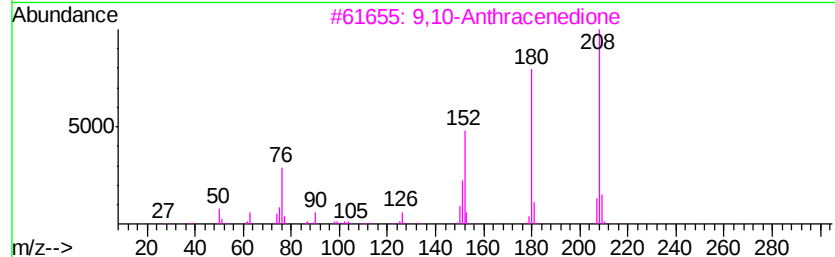
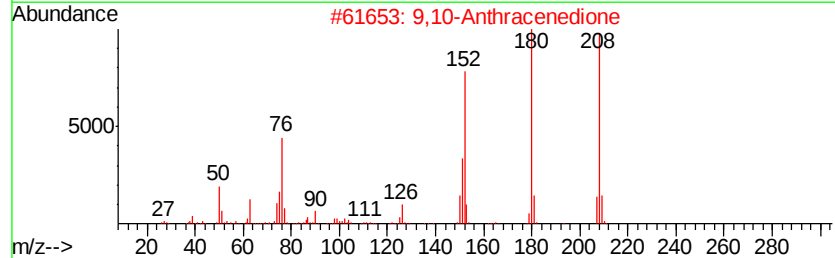
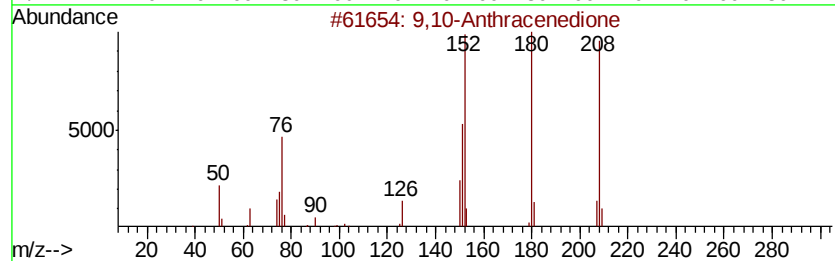
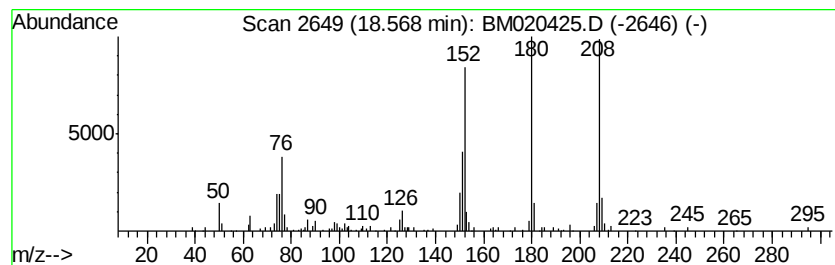
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	5.67 ng/ul	232919	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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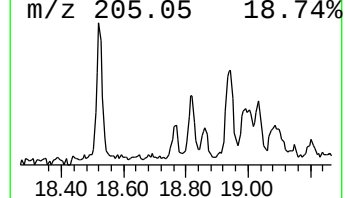
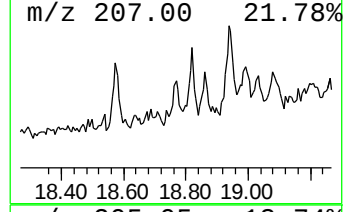
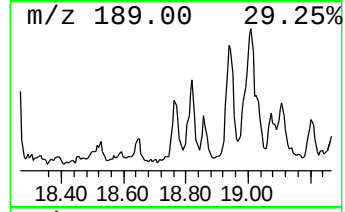
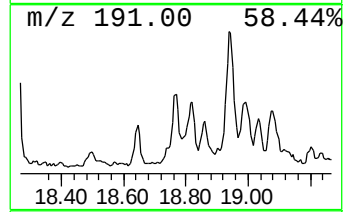
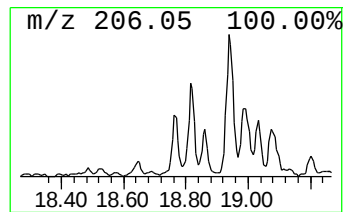
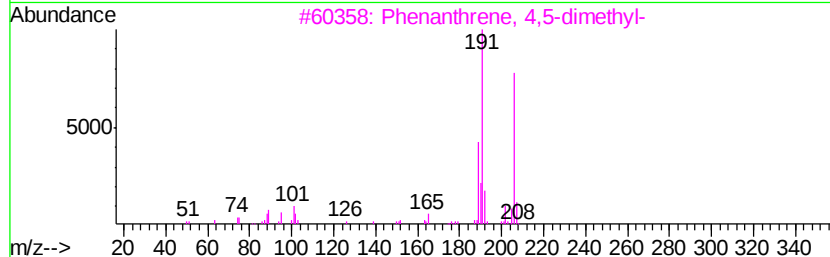
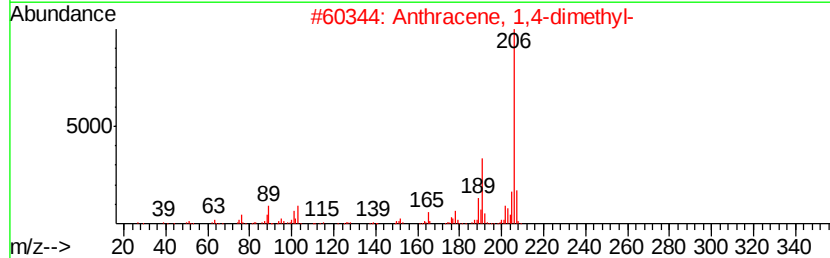
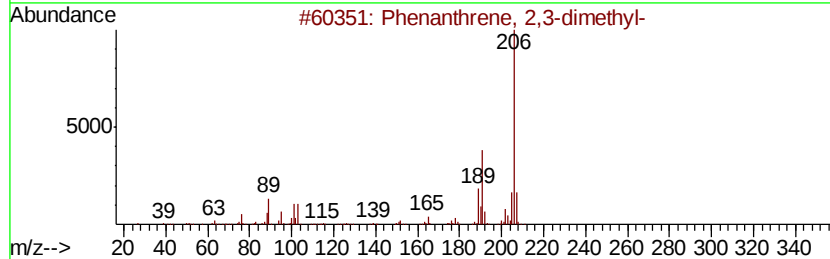
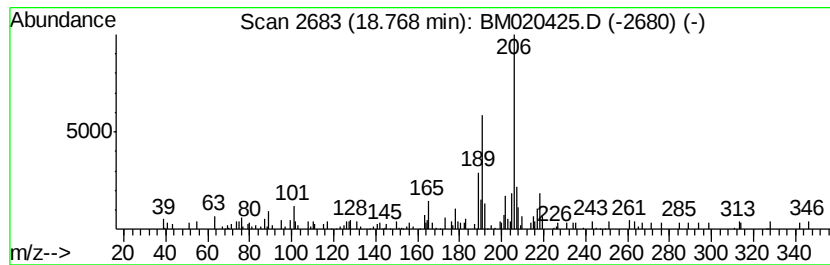
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.30 ng/ul	94456	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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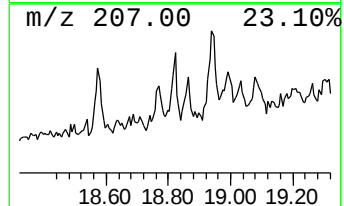
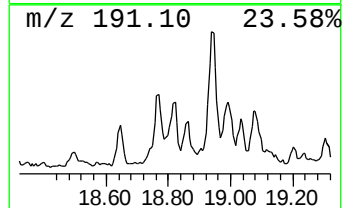
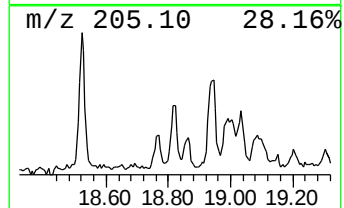
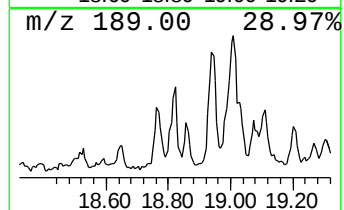
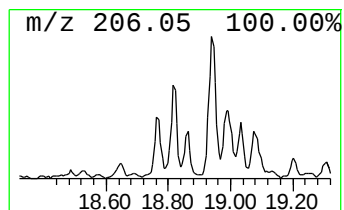
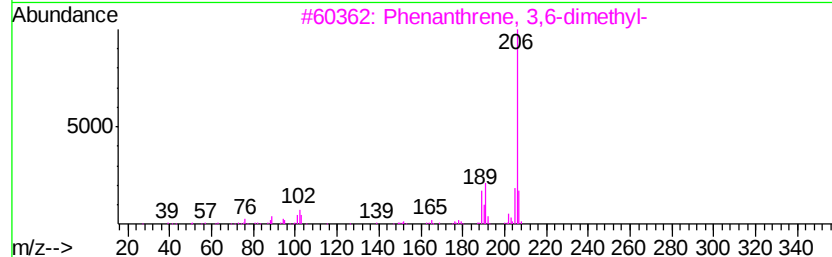
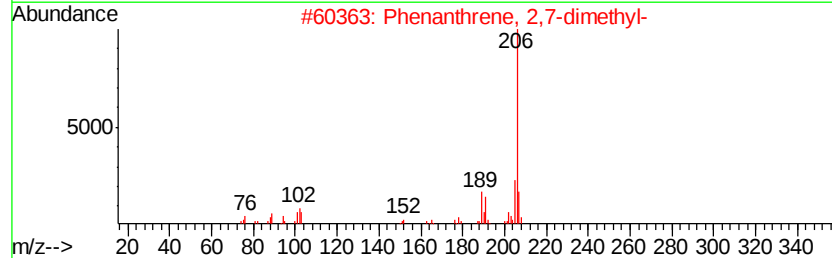
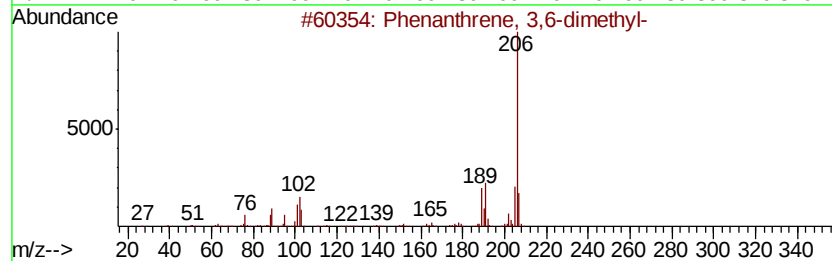
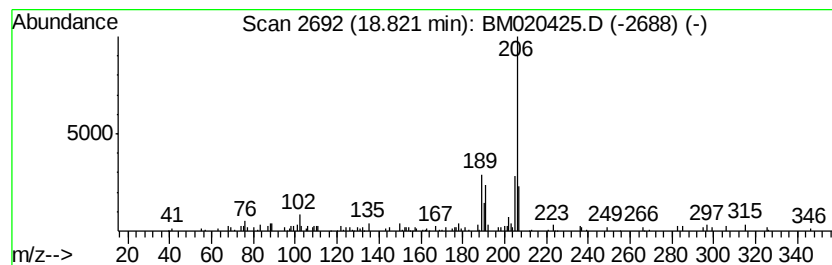
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Phenanthrene, 3,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.03 ng/ul	83357	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	72
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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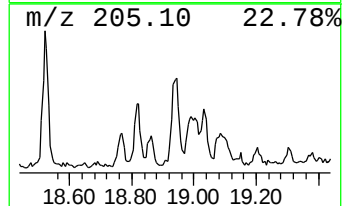
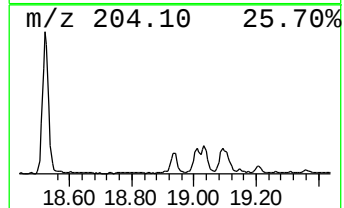
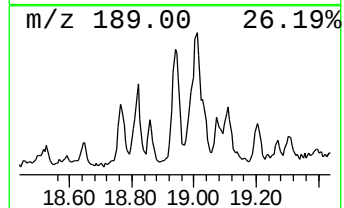
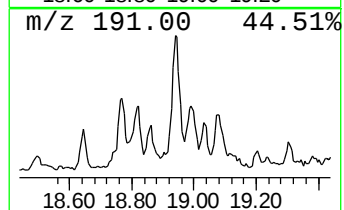
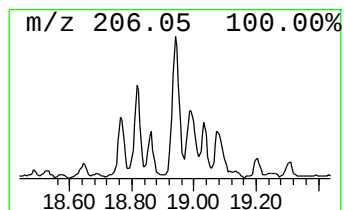
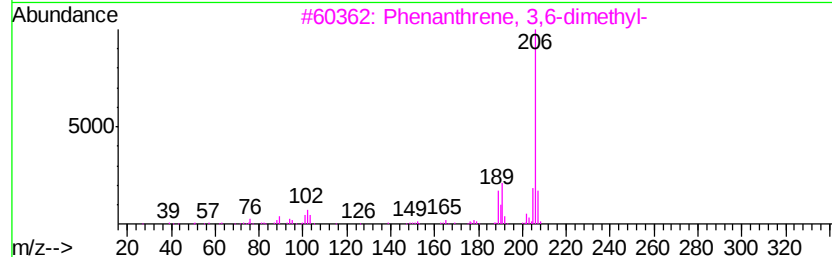
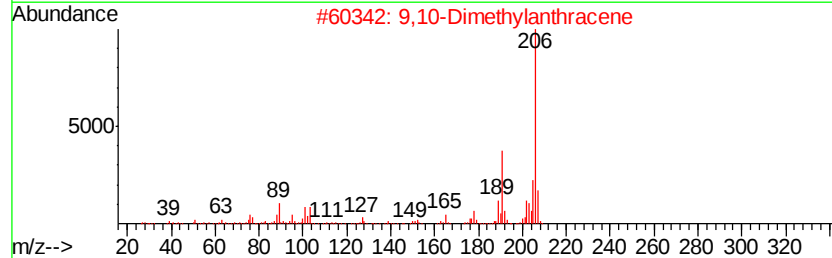
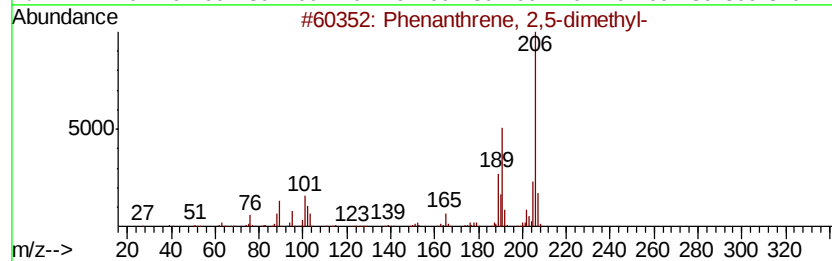
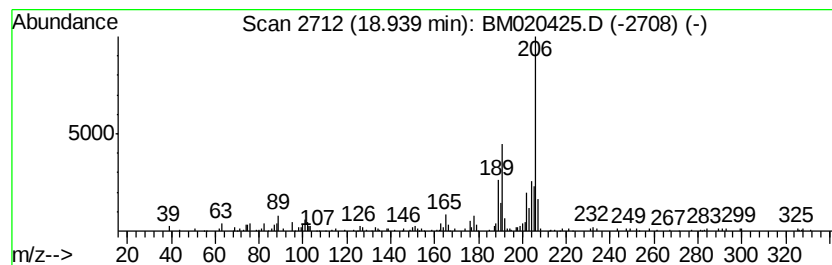
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	4.71 ng/ul	193377	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	89
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020425.D
 Acq On : 20 May 2019 11:05
 Operator : JU/SJ
 Sample : K2633-04DL2 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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 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
Naphthalene, 1-et...	13.41	8.3	ng/ul	301921	3	14.39	728961	20.0
Naphthalene, 2,6-...	13.54	19.6	ng/ul	713817	3	14.39	728961	20.0
Naphthalene, 2,3-...	13.70	33.6	ng/ul	1224000	3	14.39	728961	20.0
Naphthalene, 1,3-...	13.94	13.7	ng/ul	499583	3	14.39	728961	20.0
Naphthalene, 2-(1...	14.59	4.9	ng/ul	179153	3	14.39	728961	20.0
Naphthalene, 1,6,...	14.86	6.0	ng/ul	216875	3	14.39	728961	20.0
1,1'-Biphenyl, 3-...	15.00	6.9	ng/ul	252006	3	14.39	728961	20.0
Naphthalene, 1,4,...	15.06	4.8	ng/ul	176016	3	14.39	728961	20.0
Azulene, 4,6,8-tr...	15.17	2.3	ng/ul	83922	3	14.39	728961	20.0
1H-Phenalene	15.26	3.1	ng/ul	114464	3	14.39	728961	20.0
1-Naphthalenemeth...	15.33	4.6	ng/ul	166381	3	14.39	728961	20.0
unknown-01	15.56	4.2	ng/ul	154361	3	14.39	728961	20.0
[1,1'-Biphenyl]-4...	15.73	3.7	ng/ul	136059	3	14.39	728961	20.0
Dibenzofuran, 4-m...	15.88	2.1	ng/ul	88082	4	17.14	821888	20.0
9H-Fluorene, 2-me...	16.44	7.1	ng/ul	293582	4	17.14	821888	20.0
9H-Fluorene, 1-me...	16.50	4.6	ng/ul	189691	4	17.14	821888	20.0
9H-Fluoren-9-one	16.80	3.3	ng/ul	134392	4	17.14	821888	20.0
Dibenzothiophene	16.96	3.6	ng/ul	148600	4	17.14	821888	20.0
unknown-02	17.33	2.2	ng/ul	89888	4	17.14	821888	20.0
Dibenzothiophene,...	17.73	3.3	ng/ul	136516	4	17.14	821888	20.0
Phenanthrene, 2-m...	18.02	15.8	ng/ul	648732	4	17.14	821888	20.0
Phenanthrene, 1-m...	18.07	16.2	ng/ul	666698	4	17.14	821888	20.0
Naphtho[2,3-b]nor...	18.21	12.9	ng/ul	529904	4	17.14	821888	20.0
Anthracene, 2-met...	18.25	7.6	ng/ul	311103	4	17.14	821888	20.0
Naphthalene, 2-ph...	18.52	6.1	ng/ul	249902	4	17.14	821888	20.0
9,10-Anthracenedione	18.57	5.7	ng/ul	232919	4	17.14	821888	20.0
Phenanthrene, 2,3...	18.77	2.3	ng/ul	94456	4	17.14	821888	20.0
Phenanthrene, 3,6...	18.82	2.0	ng/ul	83357	4	17.14	821888	20.0
Phenanthrene, 2,5...	18.94	4.7	ng/ul	193377	4	17.14	821888	20.0