

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002609.D
 Acq On : 06 Sep 2018 10:15
 Operator : JU/SJ
 Sample : J4688-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.846	645	656	670	rBV	531813	975064	5.57%	0.450%
2	7.005	677	683	695	rBV	444506	701039	4.01%	0.324%
3	7.199	710	716	727	rVB	560952	902405	5.16%	0.417%
4	7.663	786	795	802	rBV	773155	1277921	7.30%	0.590%
5	8.369	909	915	929	rBV	666565	1128608	6.45%	0.521%
6	8.810	983	990	998	rBV	557712	927909	5.30%	0.428%
7	9.528	1104	1112	1123	rBV	423874	760697	4.35%	0.351%
8	10.063	1191	1203	1215	rBV	641894	1153460	6.59%	0.532%
9	10.428	1254	1265	1271	rBV	1167879	1994819	11.40%	0.921%
10	10.575	1281	1290	1300	rBV	379385	738198	4.22%	0.341%
11	13.610	1801	1806	1811	rBV	187428	331623	1.89%	0.153%
12	13.704	1818	1822	1827	rVV	1273197	1823784	10.42%	0.842%
13	13.751	1827	1830	1839	rVB	437568	657917	3.76%	0.304%
14	13.987	1863	1870	1886	rBV	1539523	2541054	14.52%	1.173%
15	14.293	1912	1922	1928	rBV2	1664202	2715303	15.52%	1.253%
16	14.357	1928	1933	1941	rVB	580317	862299	4.93%	0.398%
17	14.698	1985	1991	1998	rVV	171701	303191	1.73%	0.140%
18	15.292	2086	2092	2097	rVV	1873087	2703261	15.45%	1.248%
19	15.345	2097	2101	2105	rVB	420204	557313	3.18%	0.257%
20	15.469	2119	2122	2126	rVV	221591	300709	1.72%	0.139%
21	15.639	2147	2151	2160	rVB2	126984	301726	1.72%	0.139%
22	16.022	2211	2216	2223	rVB4	180122	279617	1.60%	0.129%
23	16.351	2261	2272	2276	rBV3	230629	608517	3.48%	0.281%
24	16.398	2276	2280	2286	rVB2	196193	303474	1.73%	0.140%
25	16.698	2327	2331	2338	rVB	271730	411252	2.35%	0.190%
26	16.822	2340	2352	2356	rVV	8389628	11673862	66.71%	5.389%
27	16.863	2356	2359	2363	rVV	312351	441377	2.52%	0.204%
28	16.922	2363	2369	2375	rVB	5627218	7563626	43.22%	3.491%
29	17.016	2379	2385	2387	rBV	1893340	2643623	15.11%	1.220%
30	17.045	2387	2390	2393	rVV	1981039	2772773	15.84%	1.280%
31	17.086	2393	2397	2402	rVV	6010519	8851985	50.58%	4.086%
32	17.145	2402	2407	2410	rVV2	2067119	3170812	18.12%	1.464%
33	17.175	2410	2412	2418	rVV	1187209	1518752	8.68%	0.701%
34	17.457	2448	2460	2463	rBV2	303273	593038	3.39%	0.274%

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35	17.563	2474	2478	2483	rVB	435656	562250	3.21%	0.260%
36	17.622	2484	2488	2493	rBV2	301571	455460	2.60%	0.210%
37	17.757	2503	2511	2518	rVB4	328501	777235	4.44%	0.359%
38	17.839	2521	2525	2530	rBV	193151	312082	1.78%	0.144%
39	17.922	2533	2539	2542	rVV	1577100	2331201	13.32%	1.076%
40	17.969	2542	2547	2553	rVV	2116269	3506472	20.04%	1.619%
41	18.051	2556	2561	2565	rVV	587982	870191	4.97%	0.402%
42	18.116	2565	2572	2576	rVV2	2279218	4281390	24.46%	1.976%
43	18.151	2576	2578	2586	rVB	1313070	1536518	8.78%	0.709%
44	18.233	2588	2592	2596	rBV3	194677	282386	1.61%	0.130%
45	18.381	2611	2617	2619	rBV2	167118	287962	1.65%	0.133%
46	18.422	2620	2624	2628	rVV	1148149	1583188	9.05%	0.731%
47	18.469	2628	2632	2642	rVB2	967612	1439144	8.22%	0.664%
48	18.551	2642	2646	2652	rBV	233174	394767	2.26%	0.182%
49	18.675	2663	2667	2671	rVV2	467348	682158	3.90%	0.315%
50	18.722	2672	2675	2679	rVV	332759	409481	2.34%	0.189%
51	18.763	2679	2682	2686	rVB2	246839	304187	1.74%	0.140%
52	18.845	2691	2696	2700	rBV	827668	1478330	8.45%	0.682%
53	18.881	2700	2702	2704	rVV2	378555	468590	2.68%	0.216%
54	18.910	2705	2707	2710	rVB	488913	489611	2.80%	0.226%
55	18.992	2716	2721	2728	rBV	1216546	2208983	12.62%	1.020%
56	19.116	2734	2742	2750	rBV	9724228	15691020	89.66%	7.243%
57	19.180	2750	2753	2756	rVV	324373	429847	2.46%	0.198%
58	19.216	2756	2759	2762	rVV3	237562	305739	1.75%	0.141%
59	19.316	2772	2776	2779	rBV2	345405	498146	2.85%	0.230%
60	19.357	2780	2783	2793	rVB4	361726	959728	5.48%	0.443%
61	19.480	2800	2804	2811	rVB	11533771	17500078	100.00%	8.078%
62	19.545	2811	2815	2823	rVB3	468908	906991	5.18%	0.419%
63	19.657	2830	2834	2837	rBV	236947	344528	1.97%	0.159%
64	19.692	2837	2840	2842	rBV	307423	380107	2.17%	0.175%
65	19.804	2854	2859	2871	rBV3	1059204	2652187	15.16%	1.224%
66	19.892	2871	2874	2877	rVV4	280493	380456	2.17%	0.176%
67	19.969	2878	2887	2892	rVB	1489690	4116736	23.52%	1.900%
68	20.075	2901	2905	2910	rBV	847984	1082367	6.18%	0.500%
69	20.133	2910	2915	2919	rBV	1731506	2488635	14.22%	1.149%
70	20.169	2919	2921	2926	rVB	737409	887159	5.07%	0.410%
71	20.275	2935	2939	2943	rBV	1535998	2021687	11.55%	0.933%

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72	20.322	2943	2947	2951	rVV	1698083	2210343	12.63%	1.020%
73	20.386	2954	2958	2963	rVV2	692641	927872	5.30%	0.428%
74	20.433	2964	2966	2968	rVV2	282993	356704	2.04%	0.165%
75	20.457	2968	2970	2974	rVB	510199	560670	3.20%	0.259%
76	20.727	3011	3016	3022	rVB2	2040772	3049445	17.43%	1.408%
77	20.886	3037	3043	3047	rBV3	843280	1732058	9.90%	0.800%
78	20.927	3047	3050	3054	rVV	1305592	1730660	9.89%	0.799%
79	20.969	3054	3057	3062	rVV2	937224	1783516	10.19%	0.823%
80	21.027	3063	3067	3078	rVB	1408660	2449303	14.00%	1.131%
81	21.169	3088	3091	3094	rVB	454517	499647	2.86%	0.231%
82	21.233	3097	3102	3108	rVV2	4992254	9710700	55.49%	4.482%
83	21.286	3108	3111	3117	rVB	5542875	6928938	39.59%	3.198%
84	21.404	3127	3131	3137	rBV2	884469	1186282	6.78%	0.548%
85	21.510	3146	3149	3153	rVB2	1116687	1390116	7.94%	0.642%
86	21.604	3163	3165	3169	rBV2	337428	388840	2.22%	0.179%
87	21.739	3184	3188	3192	rBV3	713993	1119226	6.40%	0.517%
88	21.798	3194	3198	3202	rVV2	1506668	2080405	11.89%	0.960%
89	21.845	3203	3206	3211	rVB	855476	1301890	7.44%	0.601%
90	21.992	3227	3231	3234	rBV2	717197	1127069	6.44%	0.520%
91	22.092	3244	3248	3256	rVB3	635959	1125760	6.43%	0.520%
92	22.816	3364	3371	3382	rVB2	3711739	10877207	62.16%	5.021%
93	22.974	3395	3398	3405	rVB	554396	884739	5.06%	0.408%
94	23.280	3445	3450	3455	rBV	2119087	3986581	22.78%	1.840%
95	23.333	3455	3459	3462	rVV	983459	1893223	10.82%	0.874%
96	23.380	3462	3467	3472	rVB	3485883	5922907	33.85%	2.734%
97	23.468	3478	3482	3486	rBV	843211	1360201	7.77%	0.628%
98	23.521	3487	3491	3498	rVB2	888257	1865215	10.66%	0.861%
99	25.692	3852	3860	3870	rVB	1707985	4753893	27.16%	2.194%
100	26.374	3968	3976	3988	rVB	1194920	3634989	20.77%	1.678%

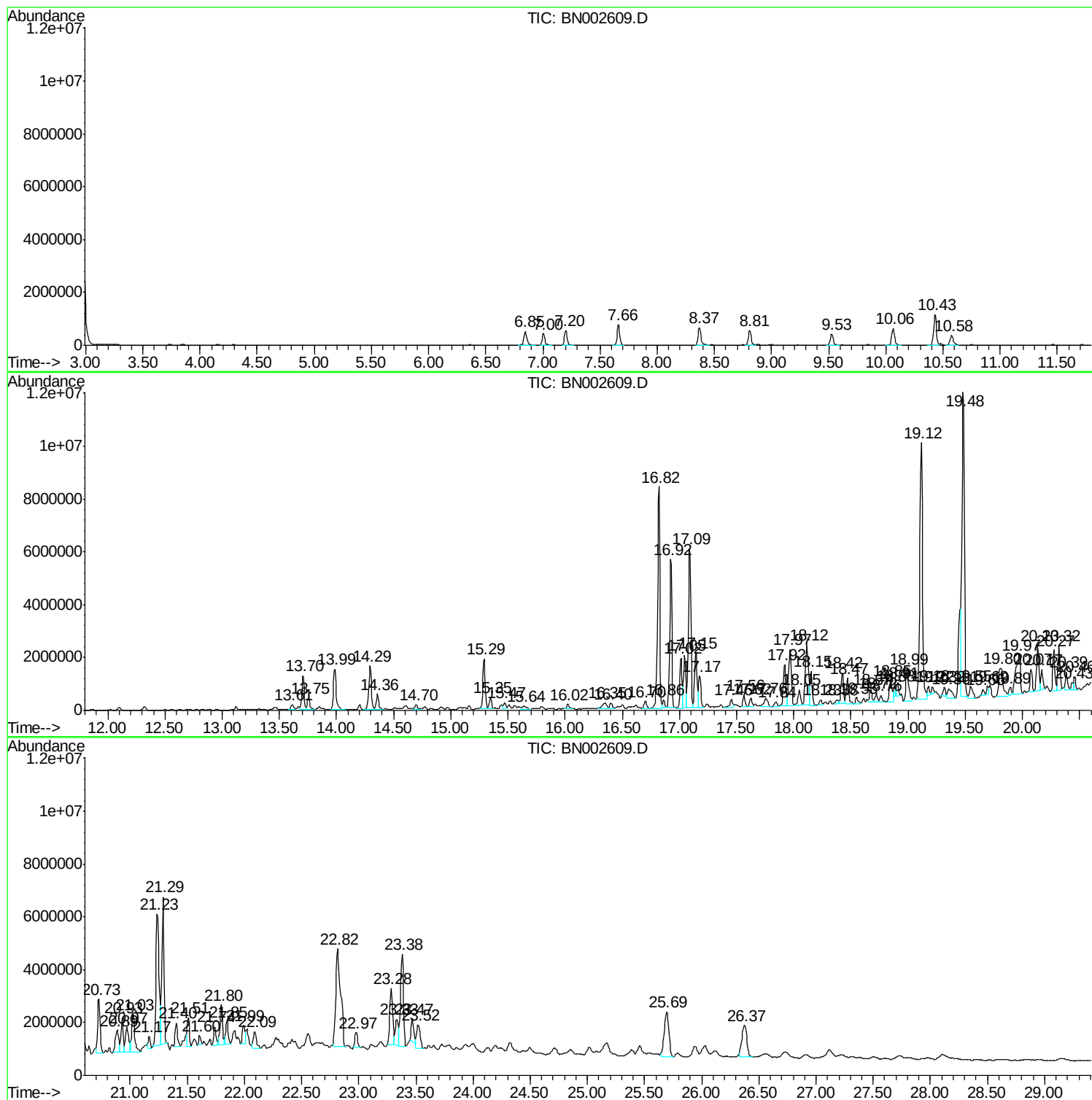
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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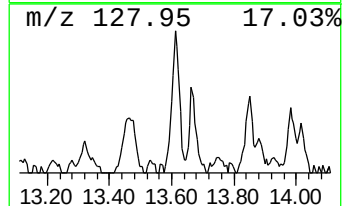
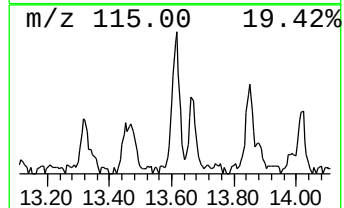
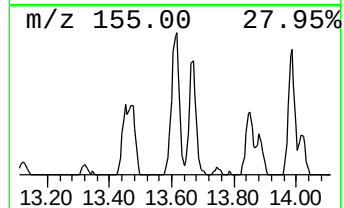
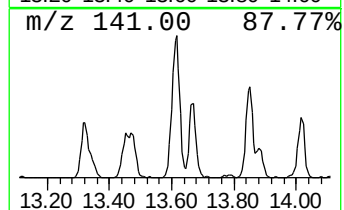
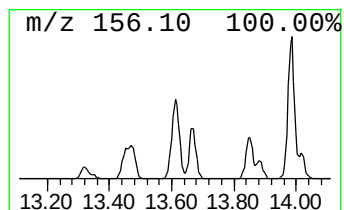
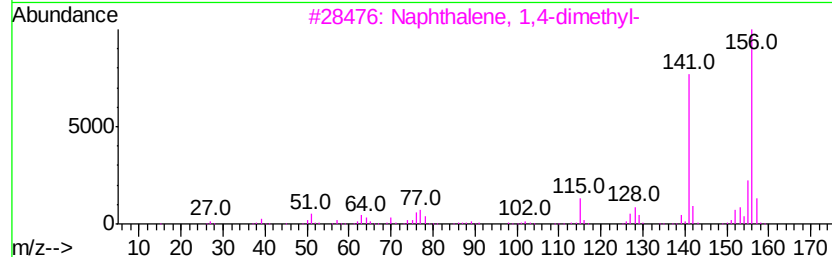
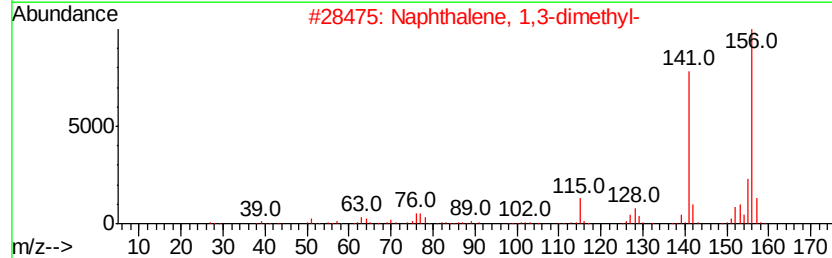
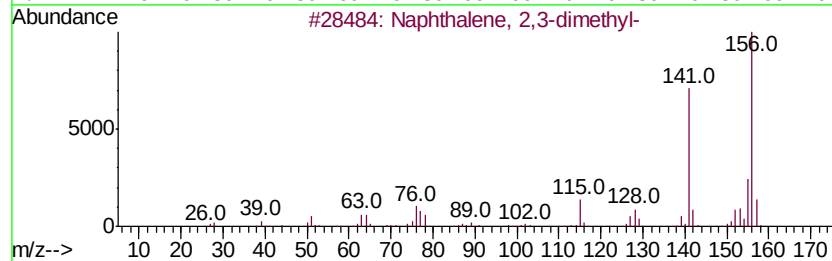
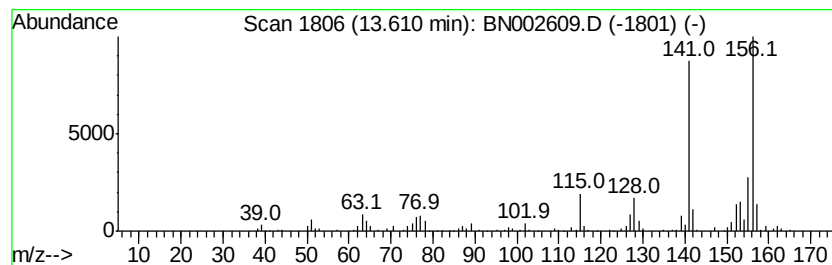
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.44 ng/ul	331623	Acenaphthene-d10	14.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



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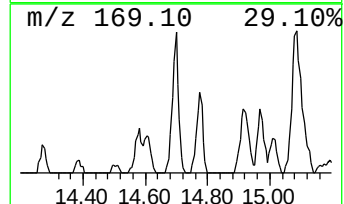
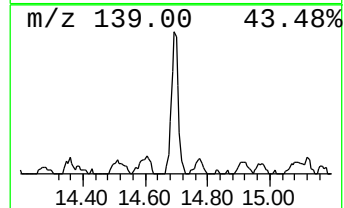
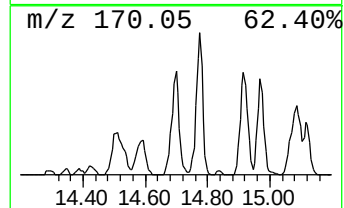
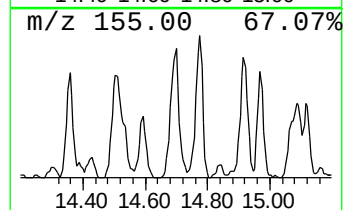
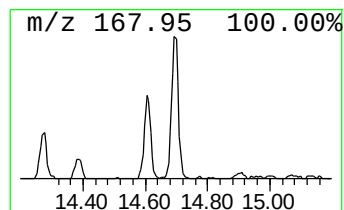
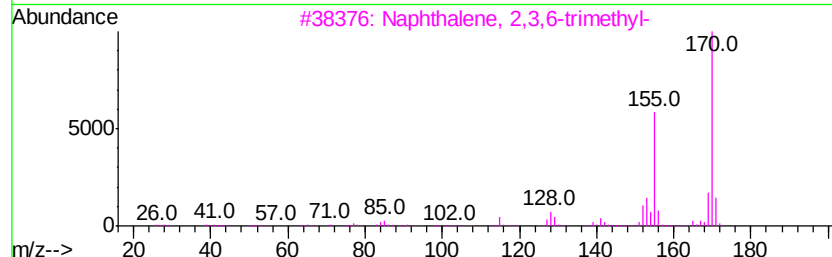
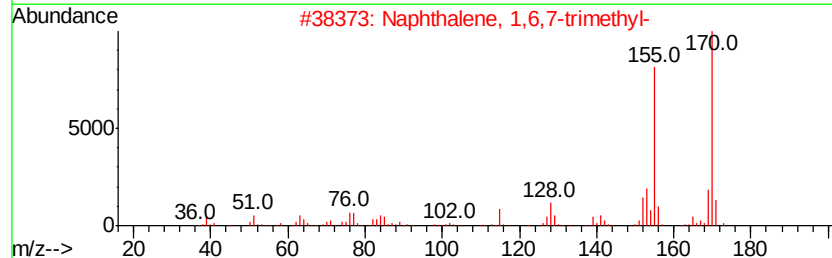
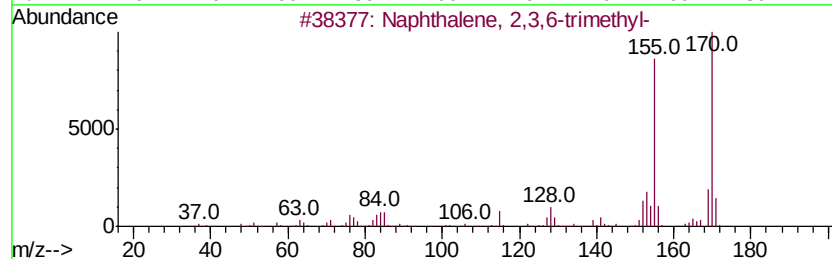
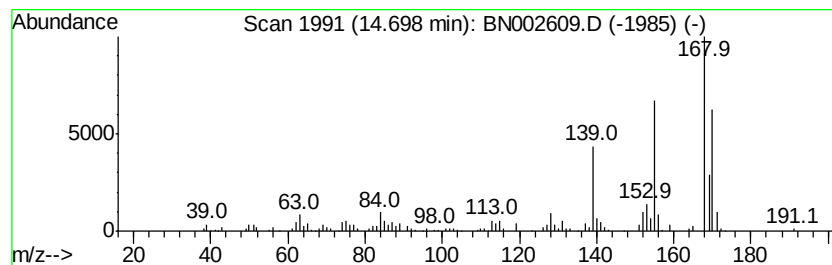
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.23 ng/ul	303191	Acenaphthene-d10	14.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86



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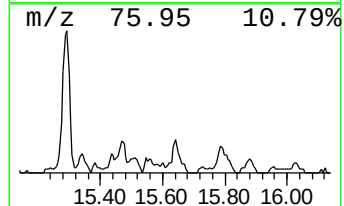
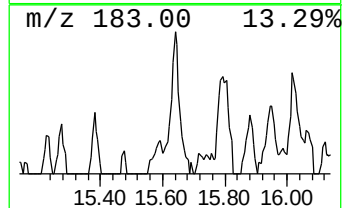
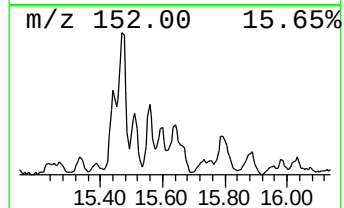
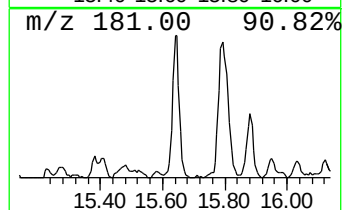
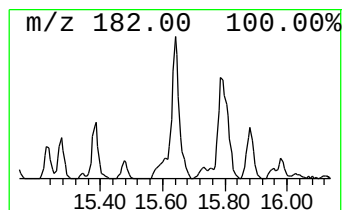
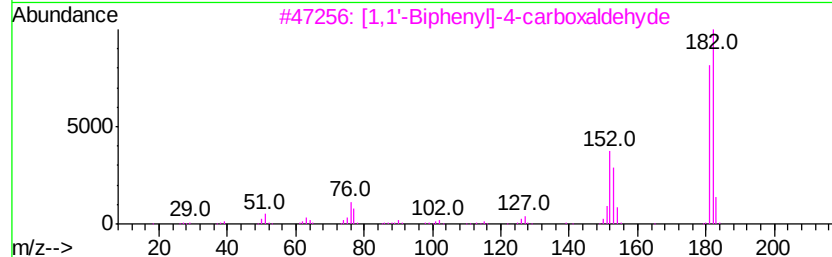
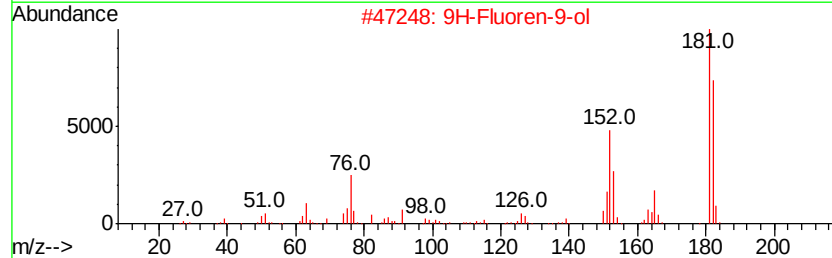
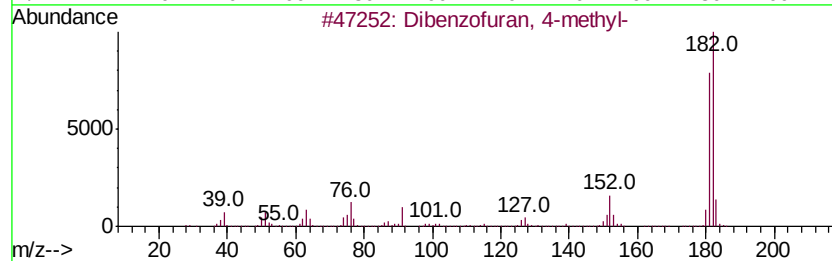
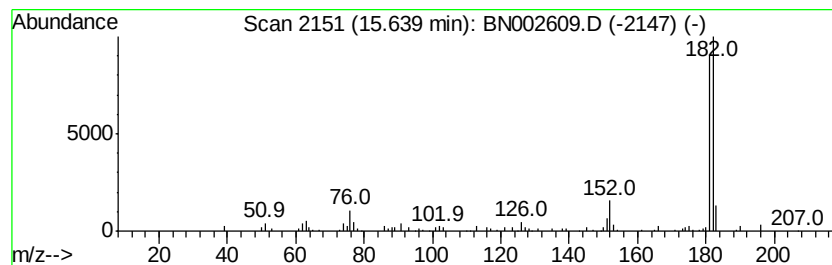
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.22 ng/ul	301726	Acenaphthene-d10	14.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 90
2		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 83
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 83
4		Pyridine, 4,4'-(1,2-ethenediyl)b...	182 C12H10N2	013362-78-2 78
5		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 78



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Sample : J4688-09
Misc :
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Instrument :
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ClientSampled :
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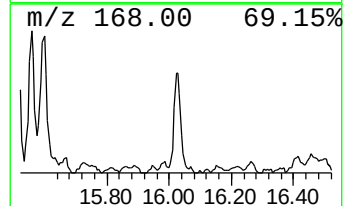
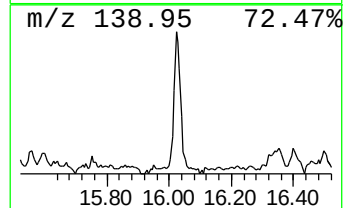
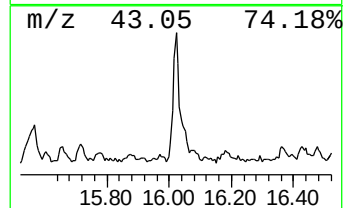
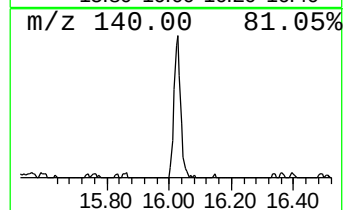
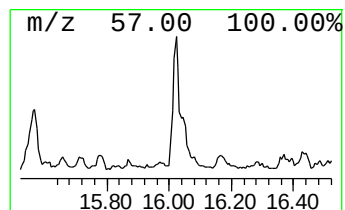
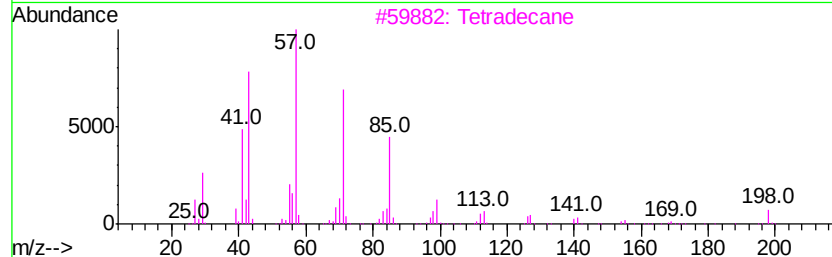
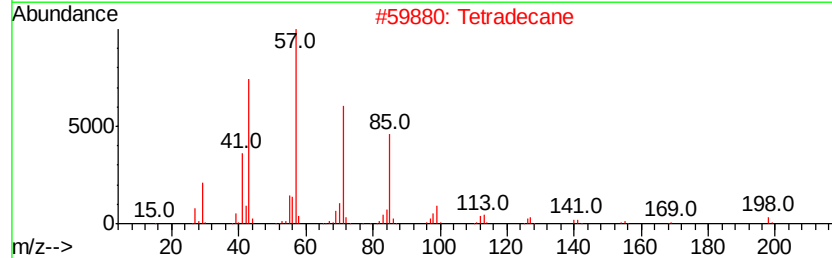
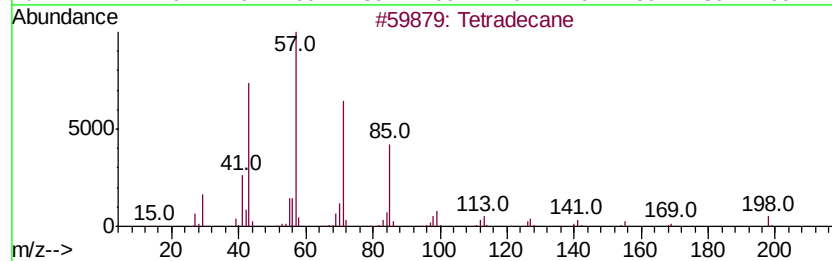
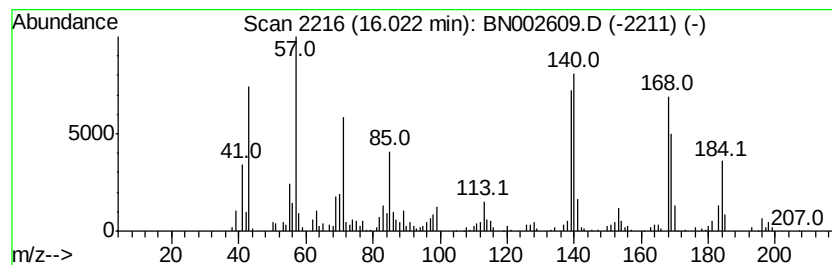
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.02 ng/ul	279617	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	56
2		Tetradecane	198	C14H30	000629-59-4	56
3		Tetradecane	198	C14H30	000629-59-4	53
4		1(2H)-Acenaphthylene	168	C12H8O	002235-15-6	50
5		Tetradecane	198	C14H30	000629-59-4	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
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Instrument :
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ClientSampleId :
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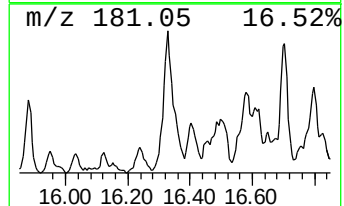
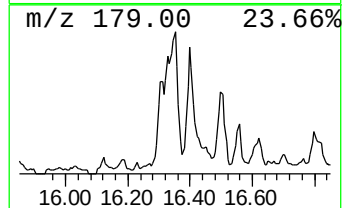
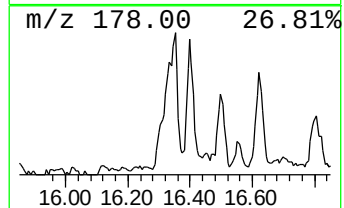
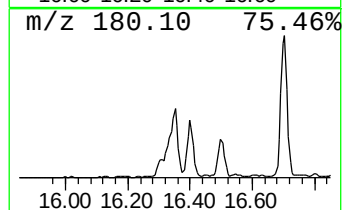
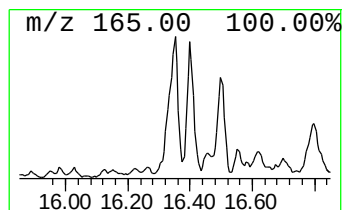
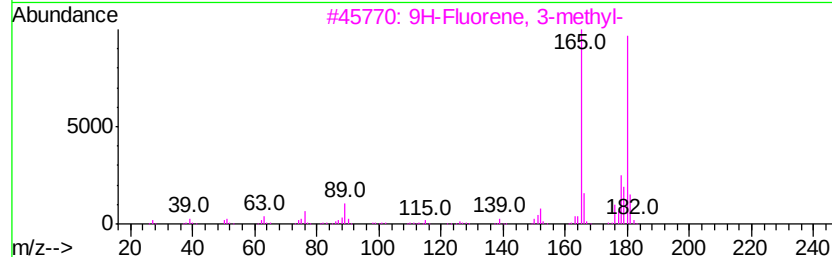
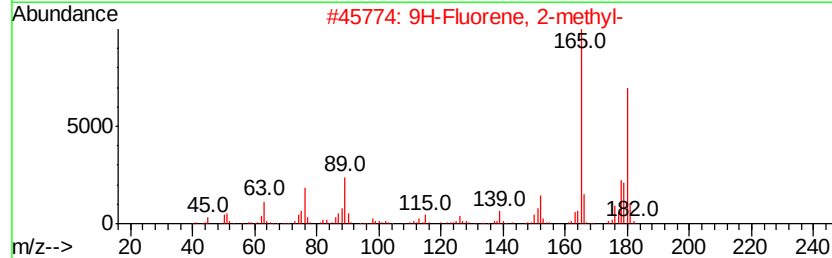
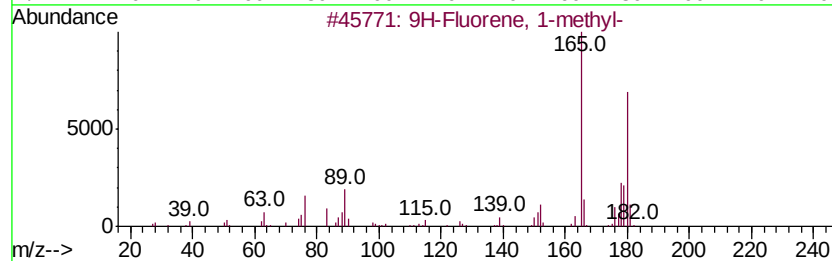
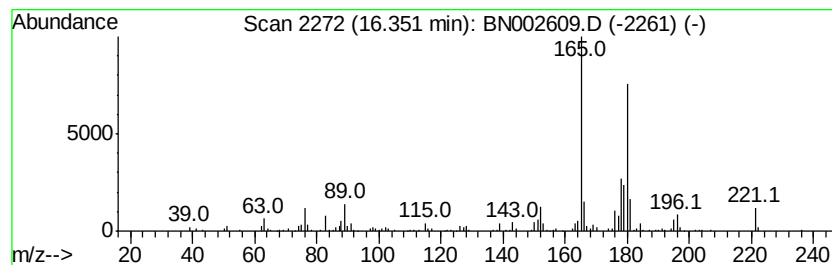
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	4.39 ng/ul	608517	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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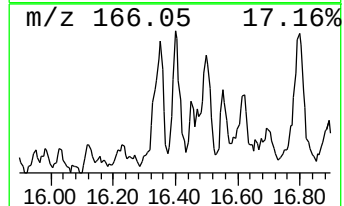
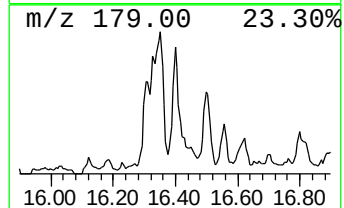
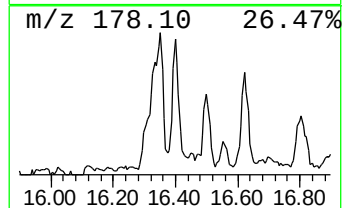
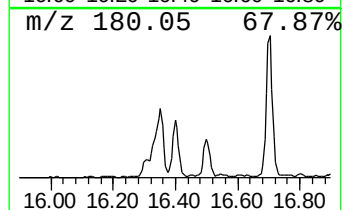
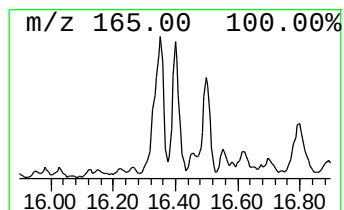
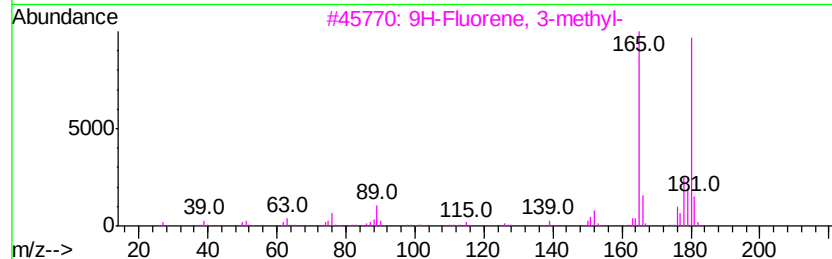
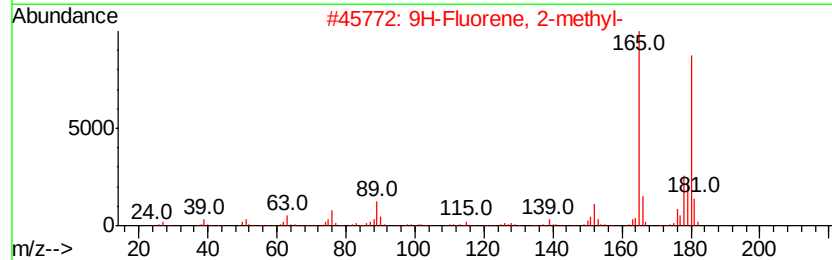
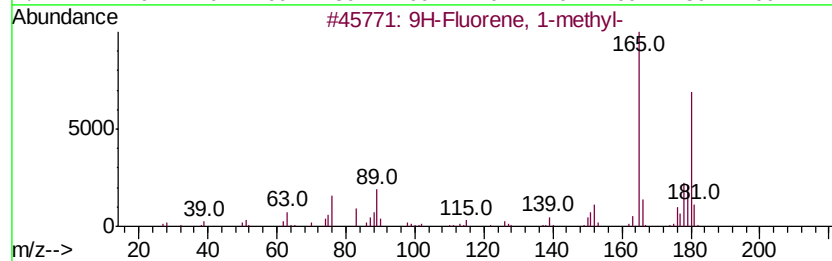
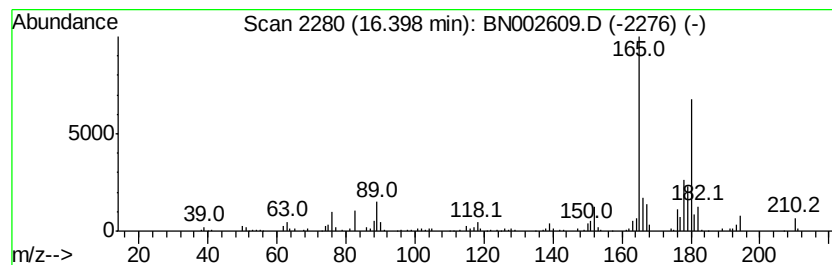
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluorene, 3-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.19 ng/ul	303474	Phenanthrene-d10	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

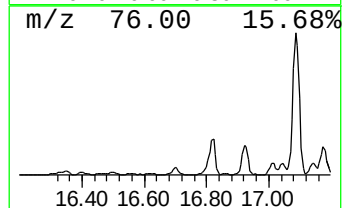
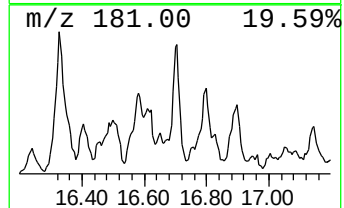
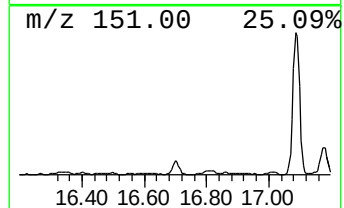
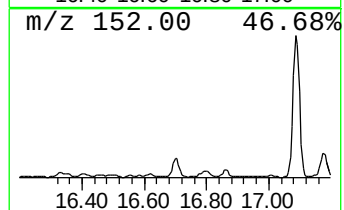
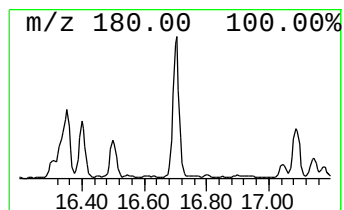
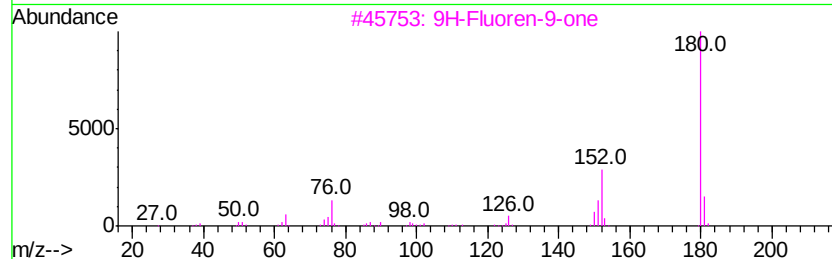
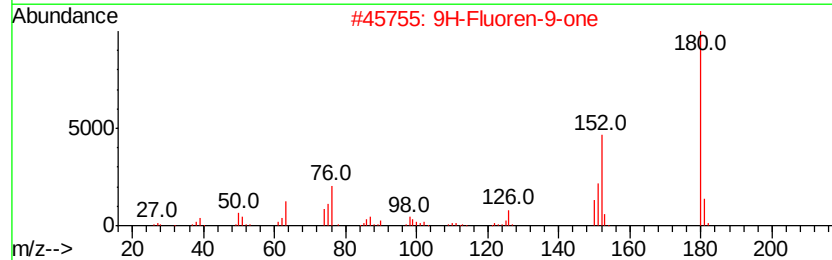
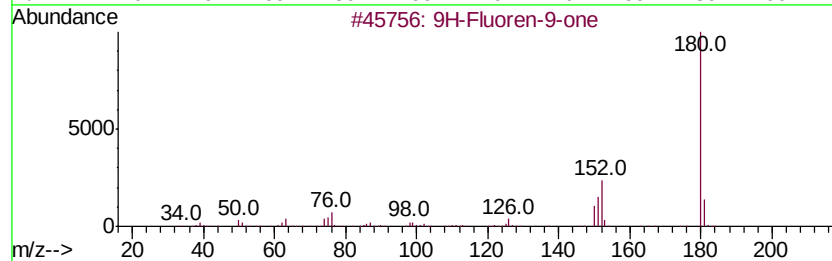
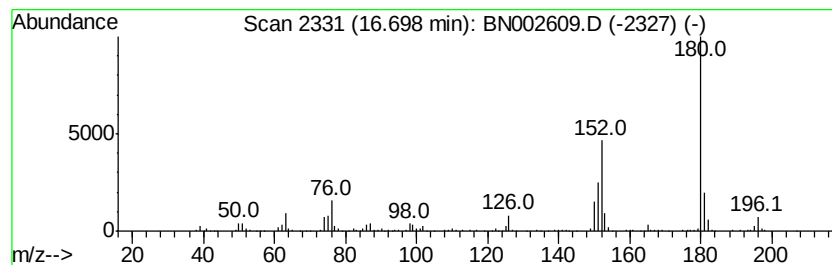
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9H-Fluoren-9-one Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.70	2.97 ng/ul	411252	Phenanthrene-d10		17.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	94
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	90
5	2,3-Diazaphenanthrene		180	C12H8N2	000229-72-1	59



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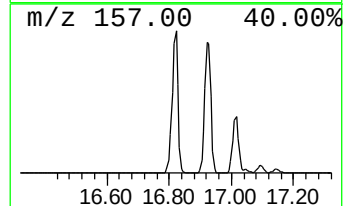
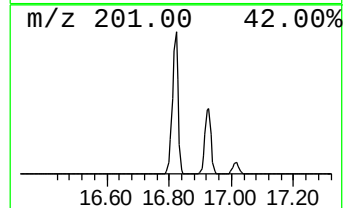
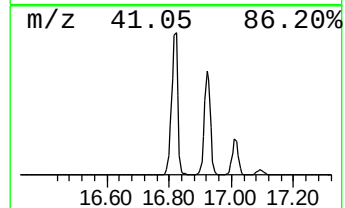
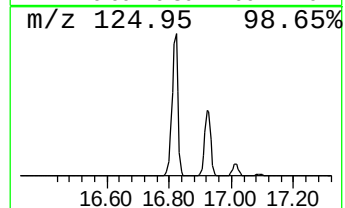
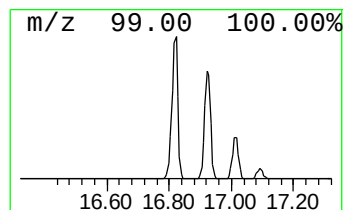
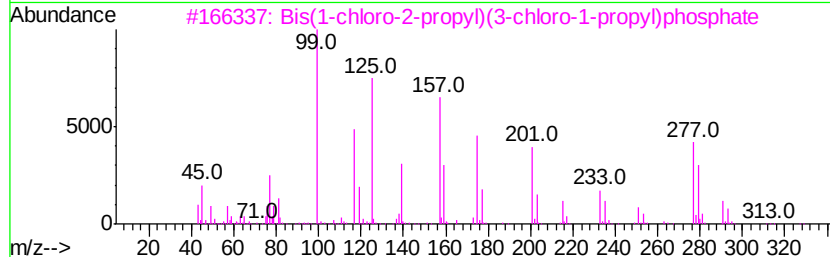
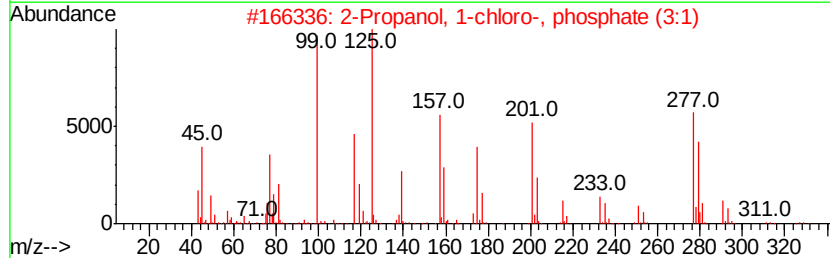
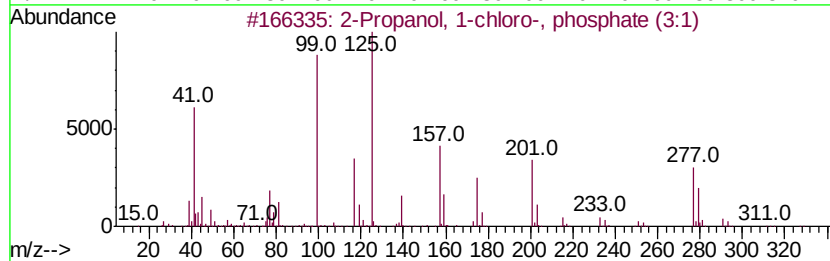
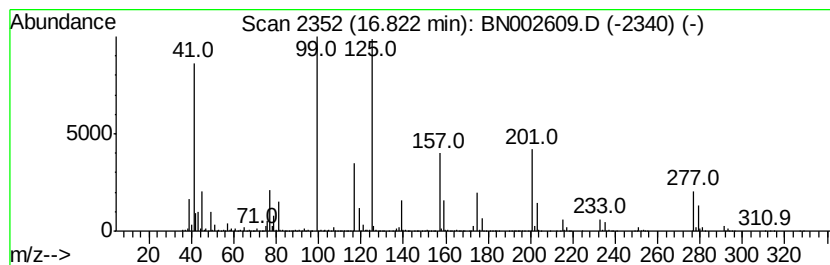
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Propanol, 1-chloro-, phos... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.82	84.20 ng/ul	11673900	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93	
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58	
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	35	
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	32	
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	32	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
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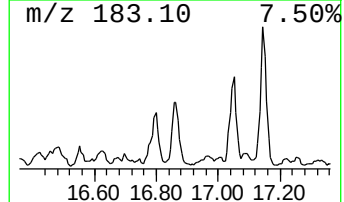
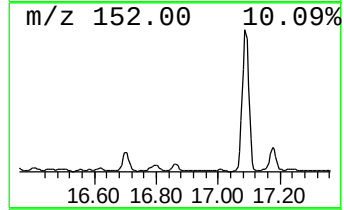
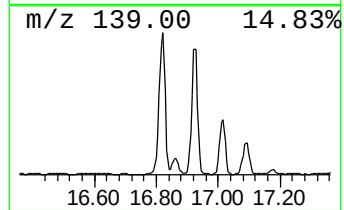
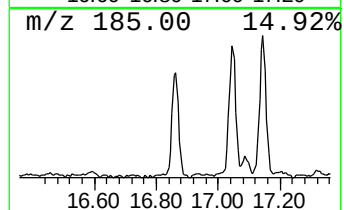
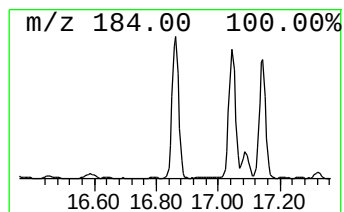
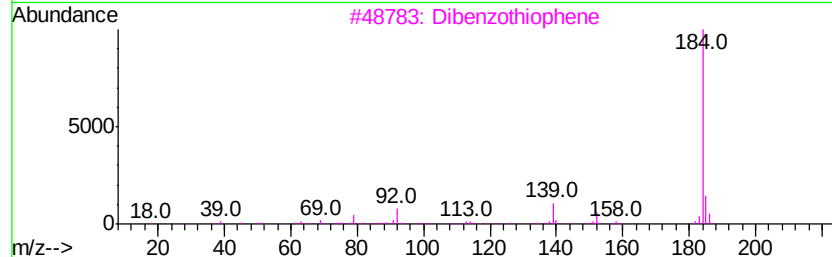
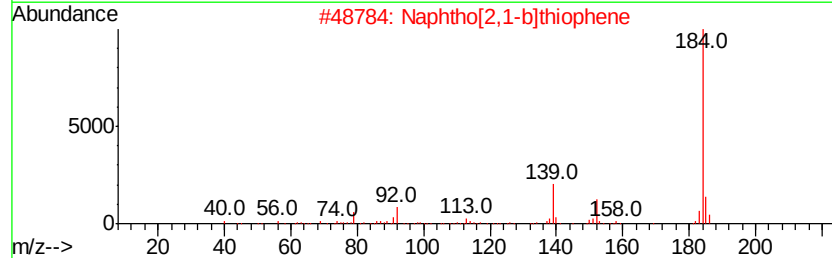
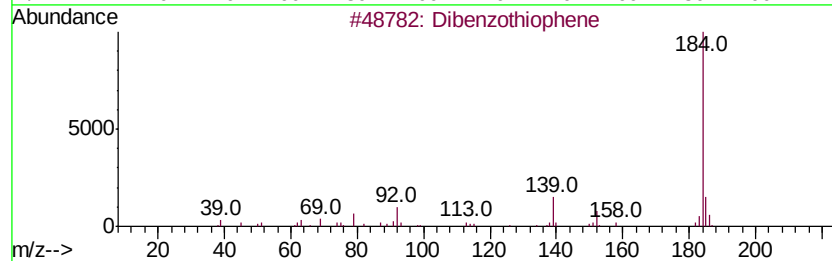
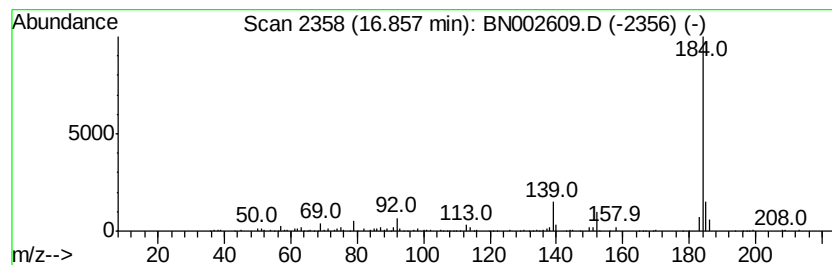
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dibenzothiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.18 ng/ul	441377	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

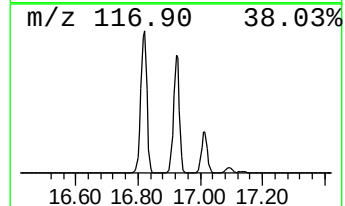
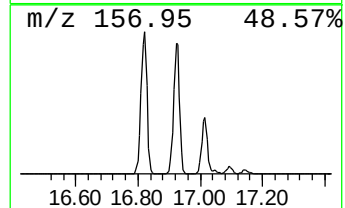
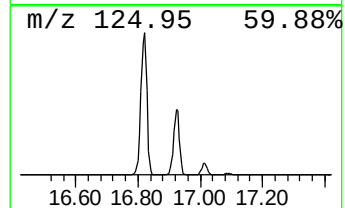
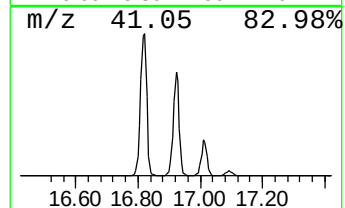
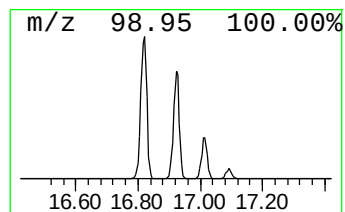
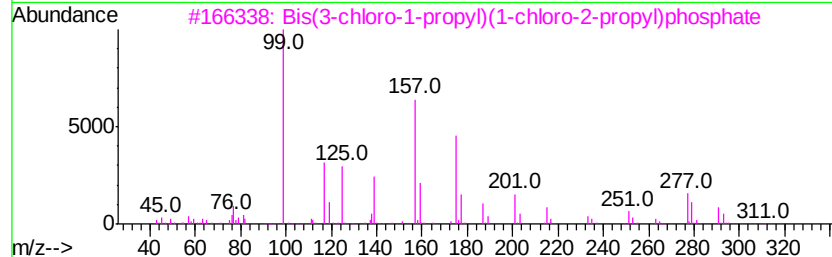
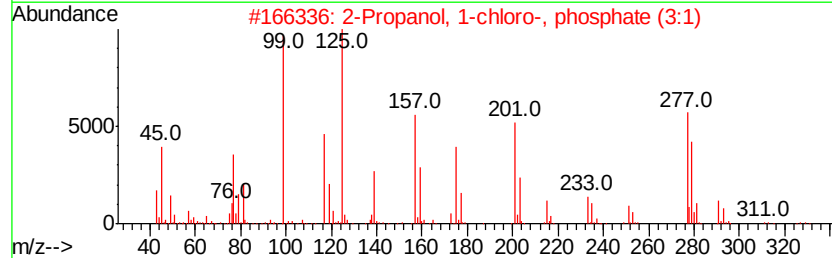
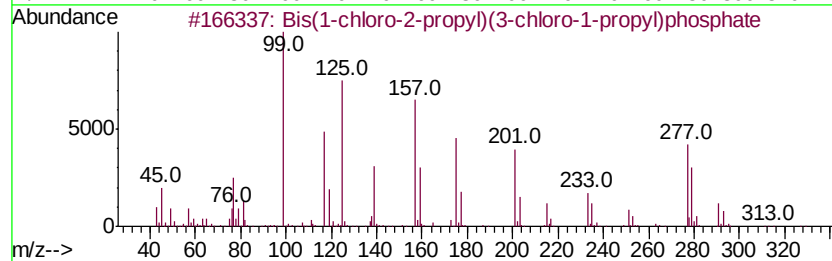
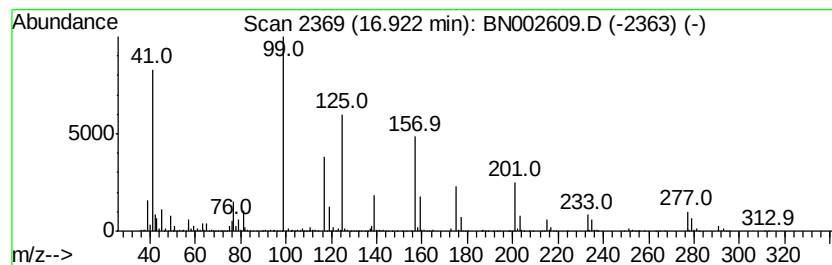
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.92	54.56 ng/ul	7563630	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	90
2		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	45
3		Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4		Sarin	140	C4H10FO2P	000107-44-8	25
5		Sarin	140	C4H10FO2P	000107-44-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

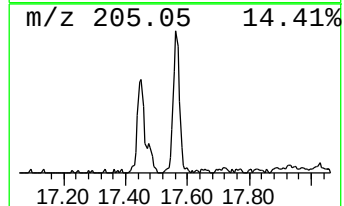
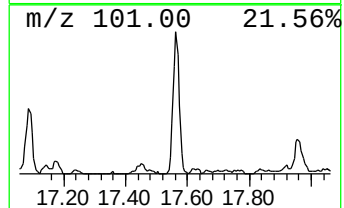
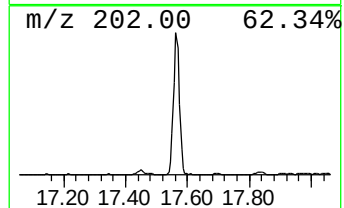
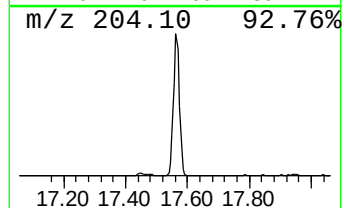
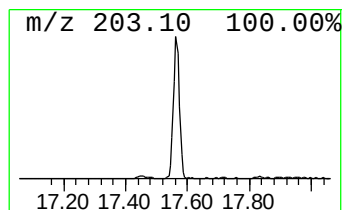
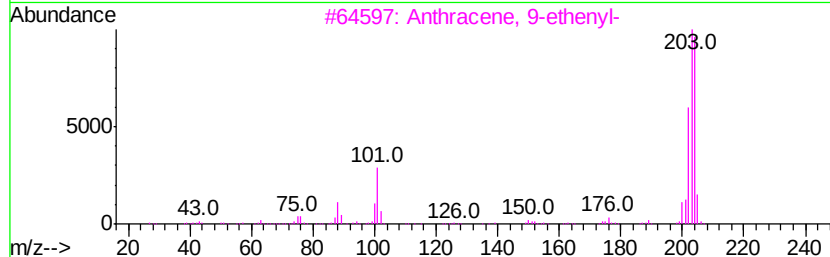
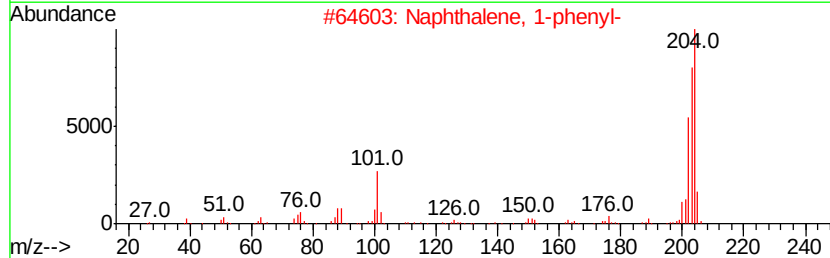
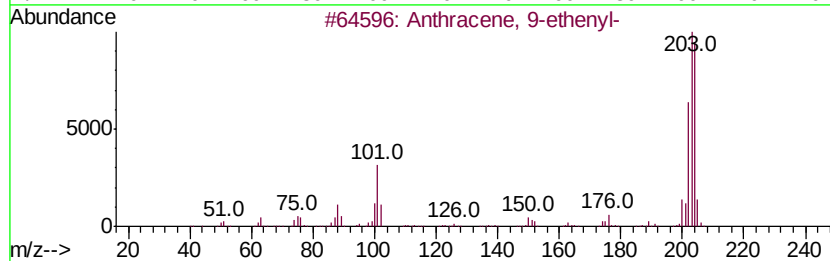
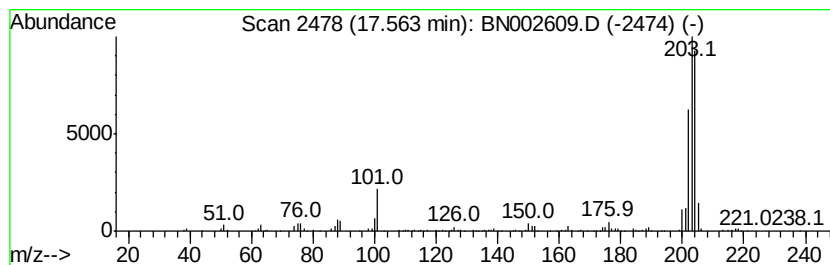
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 9-ethenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.56	4.06 ng/ul	562250	Phenanthrene-d10		17.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4		Dibenzo[fa,el]cyclooctene	204	C16H12	000262-89-5	89
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
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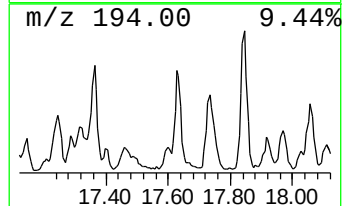
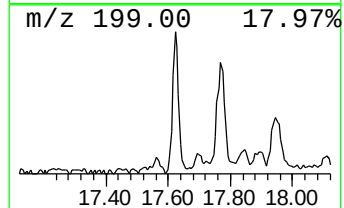
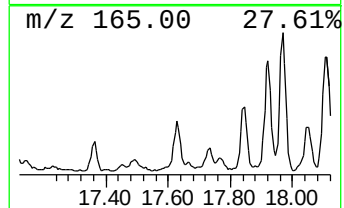
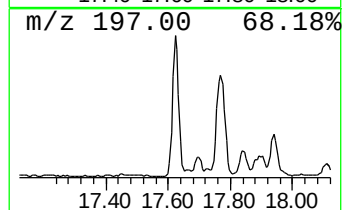
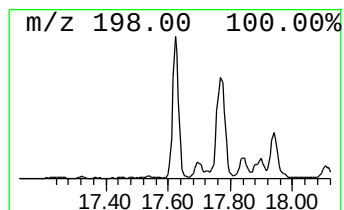
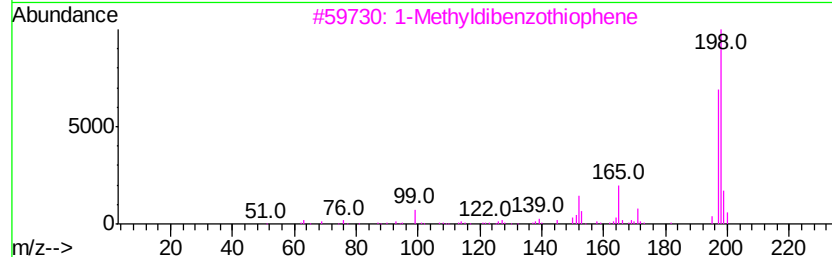
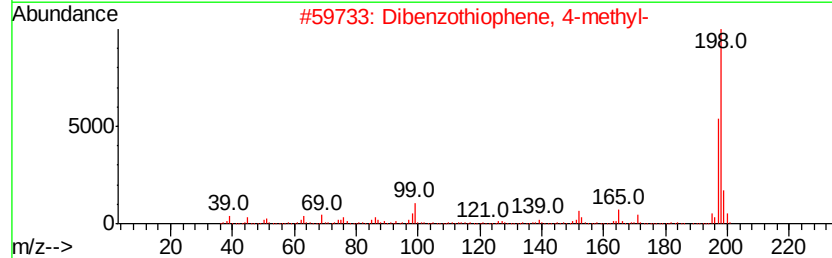
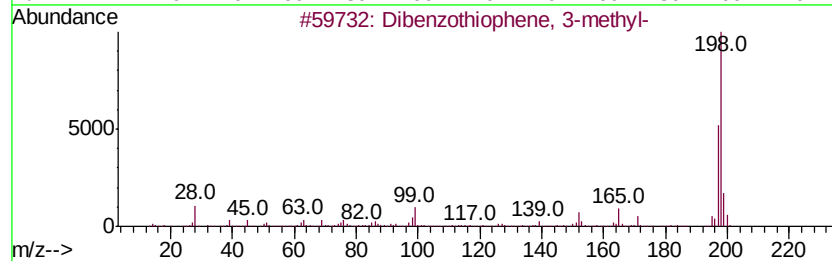
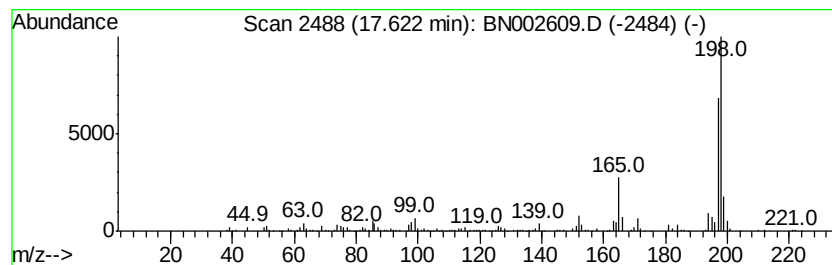
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dibenzothiophene, 3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.62	3.29 ng/ul	455460	Phenanthrene-d10	17.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
3	1-Methylidibenzothiophene	198	C13H10S	031317-07-4	80
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Tacrine	198	C13H14N2	000321-64-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

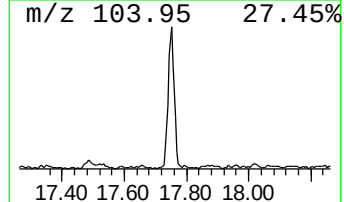
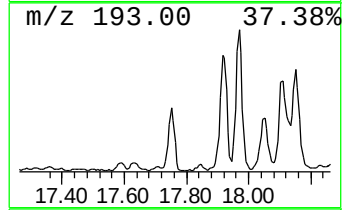
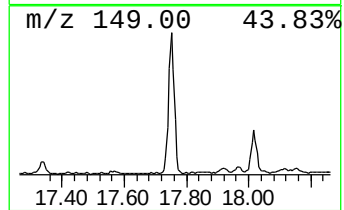
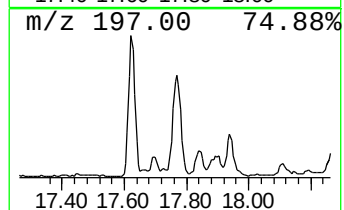
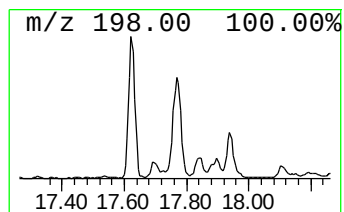
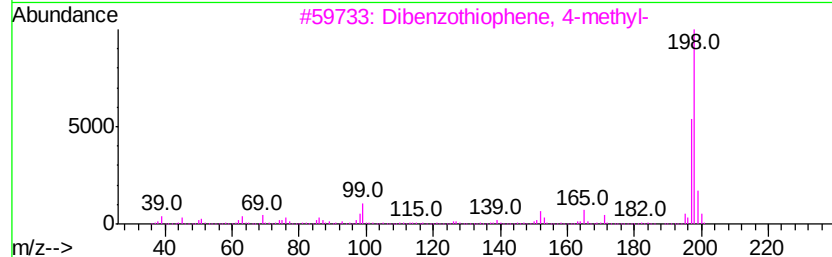
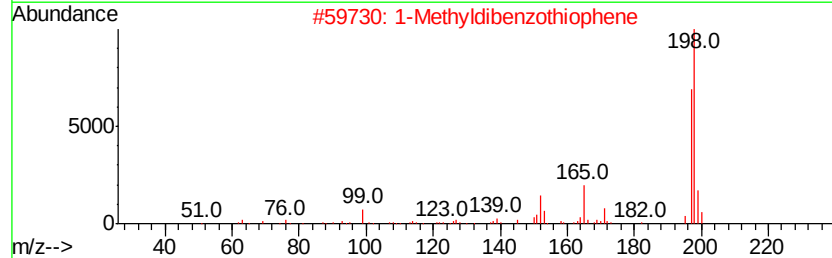
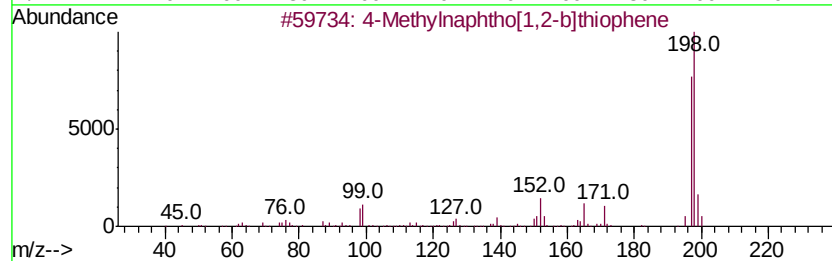
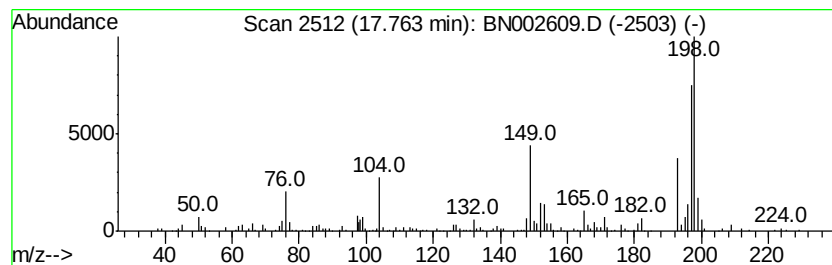
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4-Methylnaphtho[1,2-b]thioph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.76	5.61 ng/ul	777235	Phenanthrene-d10		17.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	62
2		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	45
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	35
4		2-Biphenylcarboxylic acid	198	C13H10O2	000947-84-2	30
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
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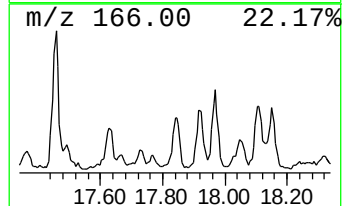
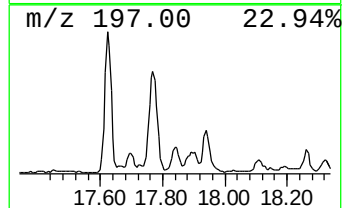
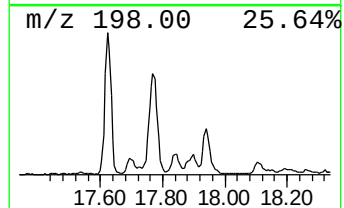
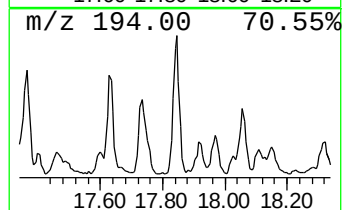
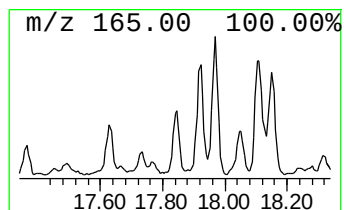
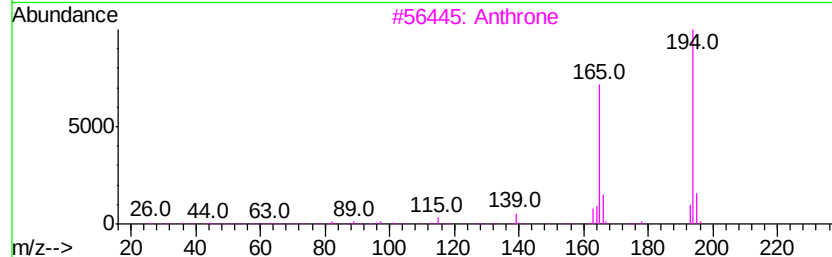
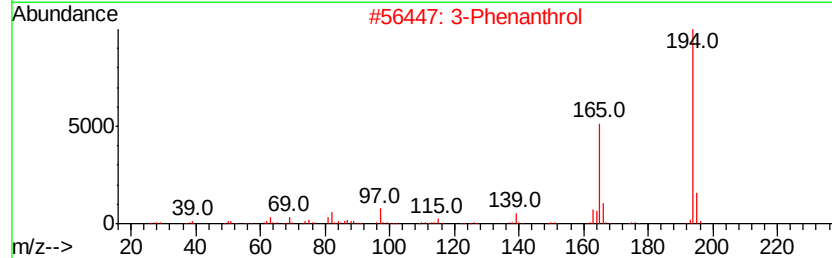
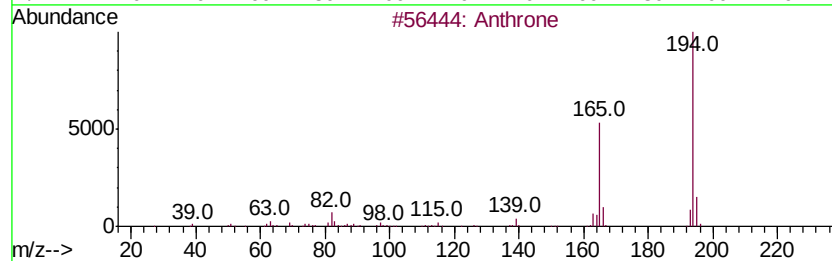
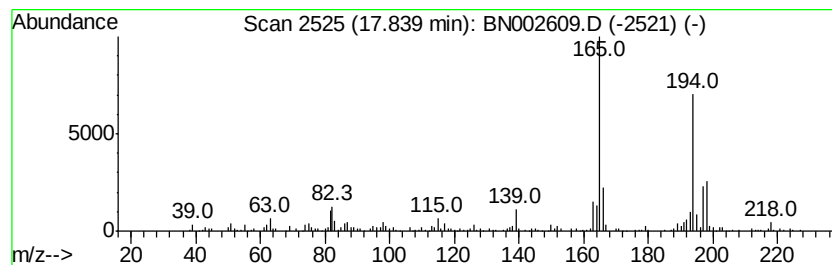
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Anthrone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.25 ng/ul	312082	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	90
2		3-Phenanthrol	194	C14H10O	000605-87-8	76
3		Anthrone	194	C14H10O	000090-44-8	72
4		1-Phenanthrenol	194	C14H10O	002433-56-9	68
5		4-Phenanthrenol	194	C14H10O	007651-86-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
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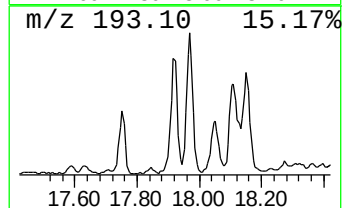
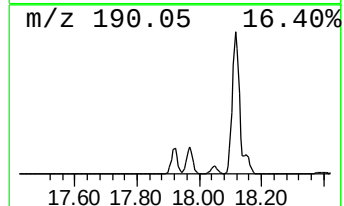
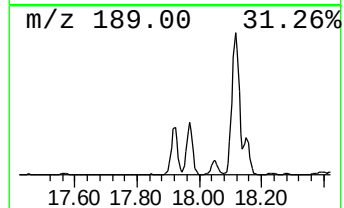
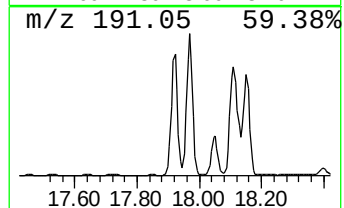
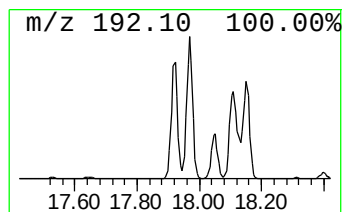
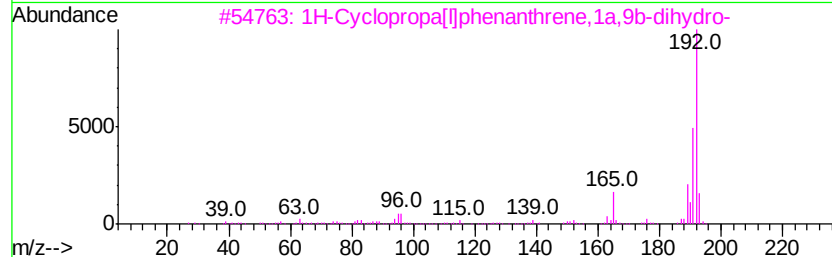
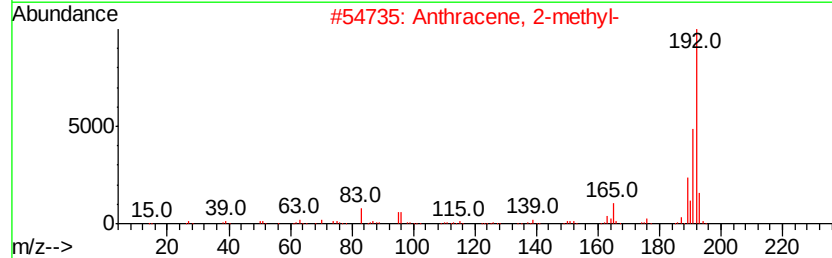
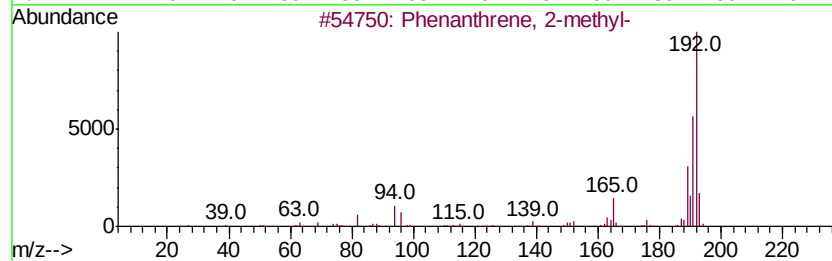
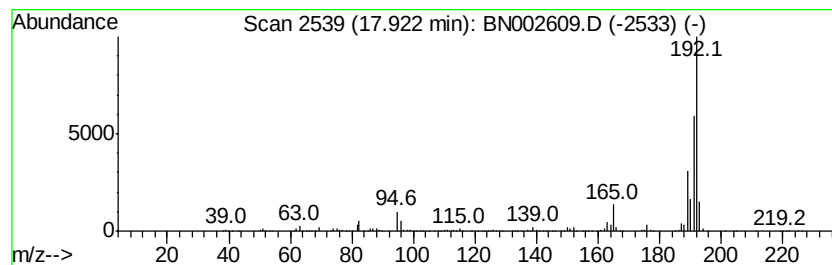
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	16.81 ng/ul	2331200	Phenanthrene-d10	17.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1,1b]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
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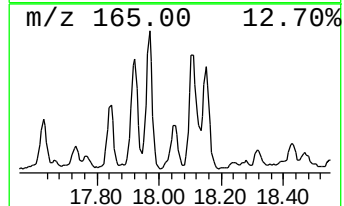
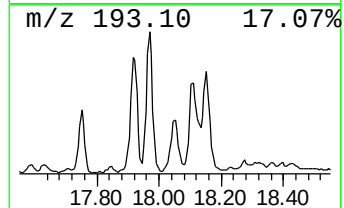
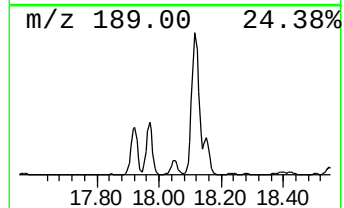
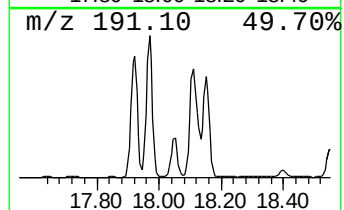
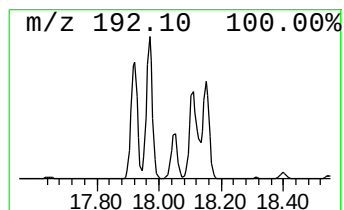
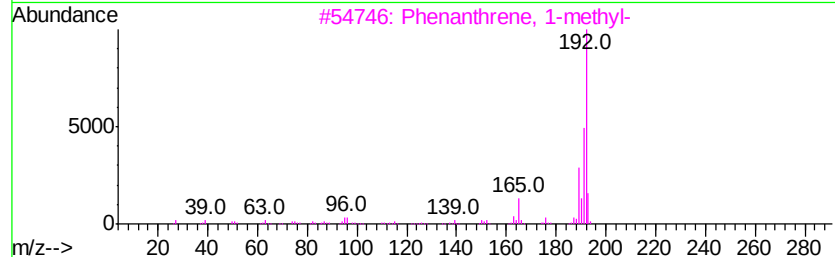
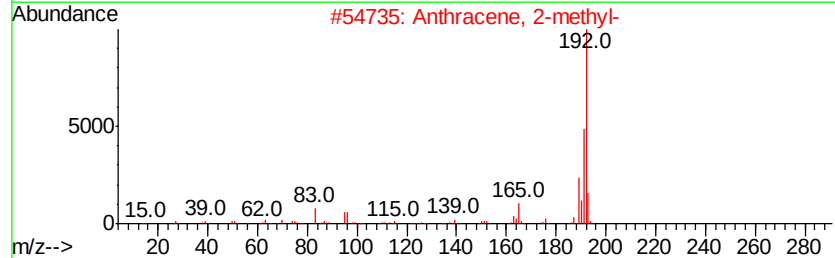
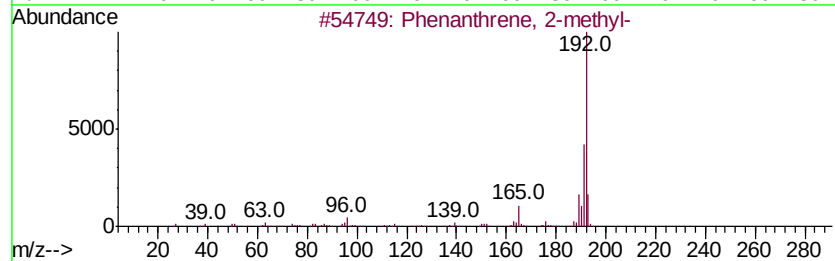
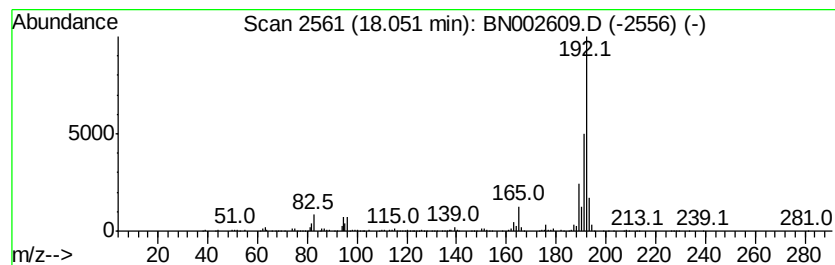
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.28 ng/ul	870191	Phenanthrene-d10	17.05

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
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Sample : J4688-09
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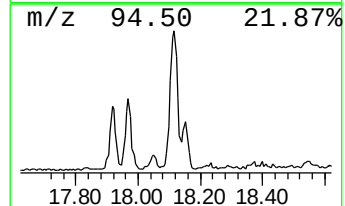
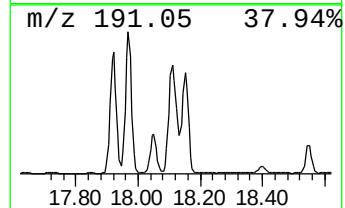
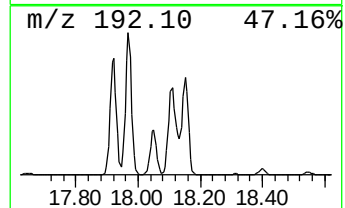
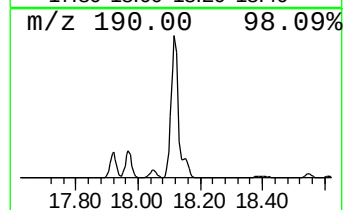
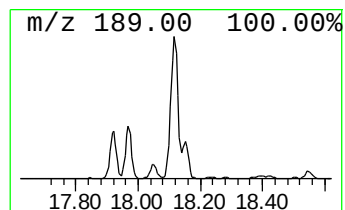
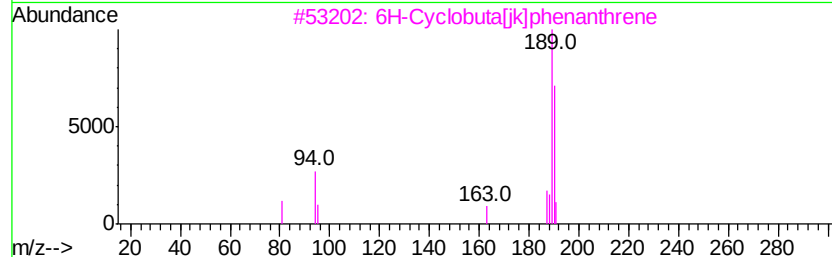
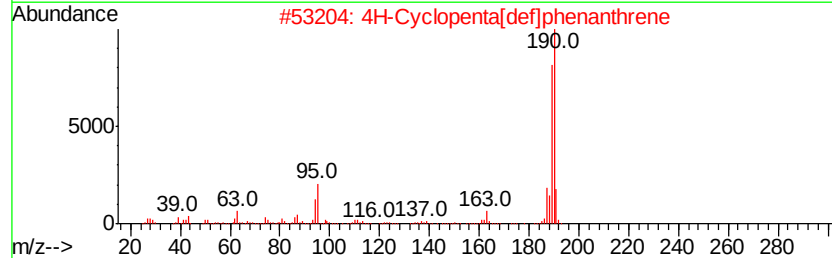
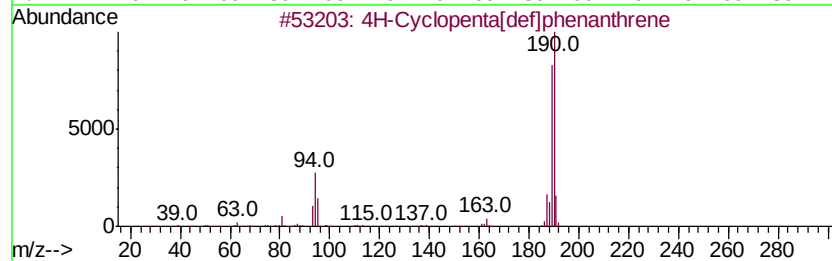
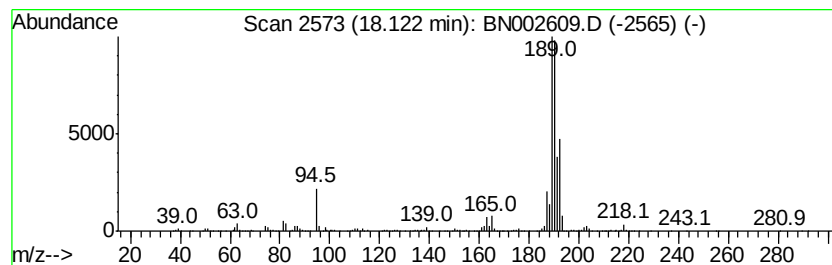
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.12	30.88 ng/ul	4281390	Phenanthrene-d10	17.05		
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	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58	
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38	
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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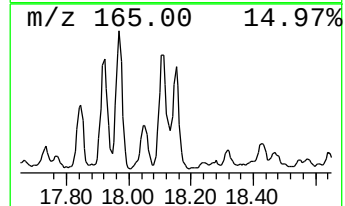
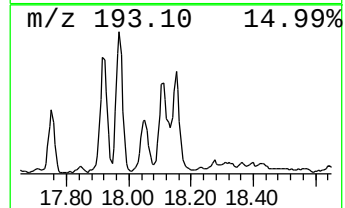
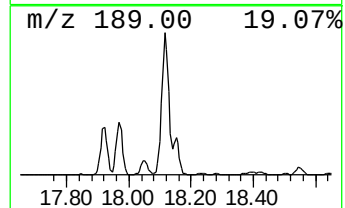
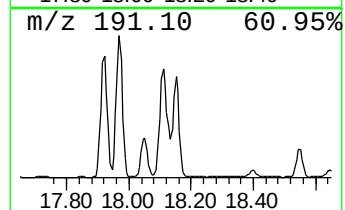
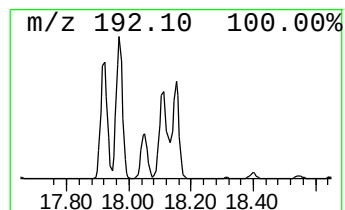
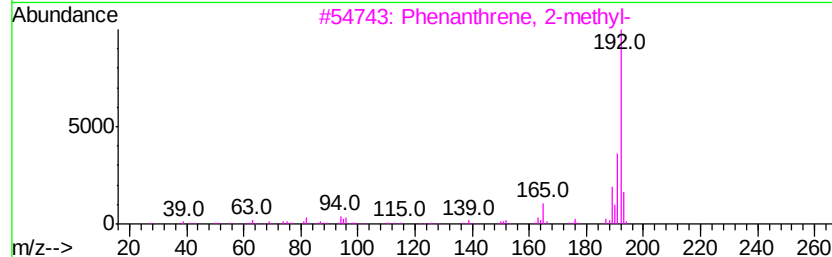
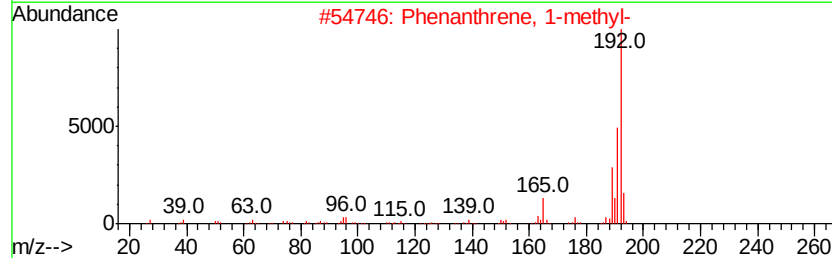
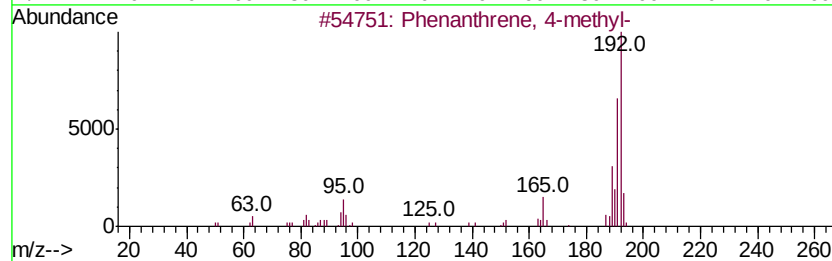
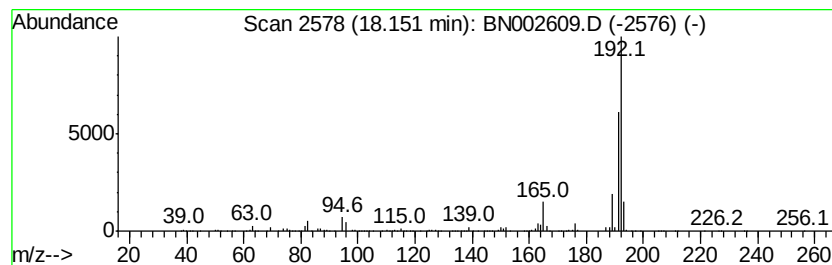
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	11.08 ng/ul	1536520	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
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Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

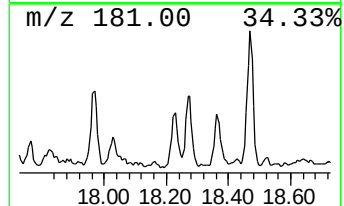
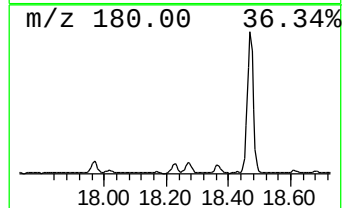
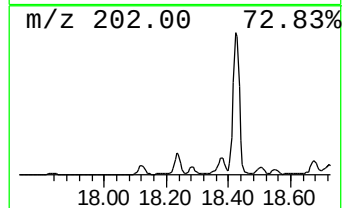
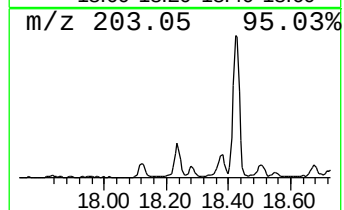
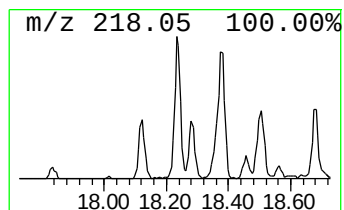
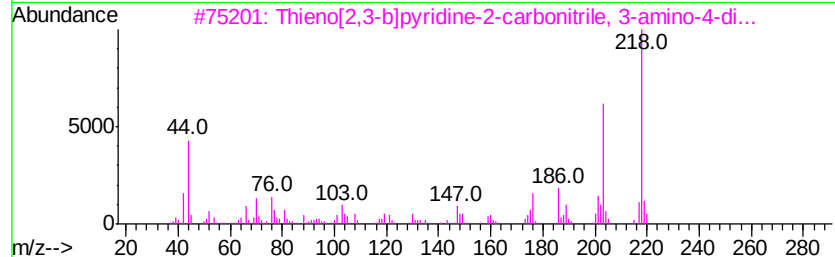
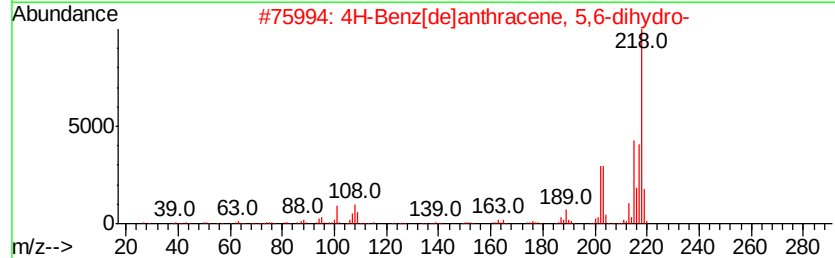
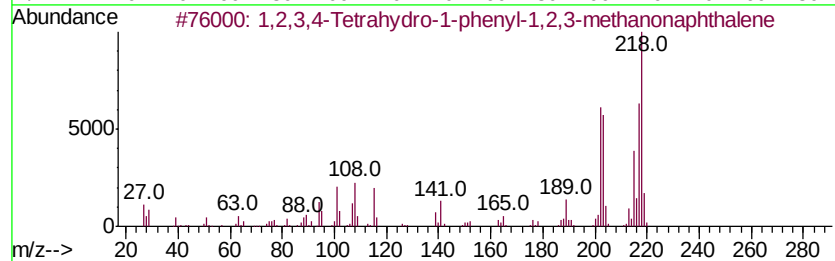
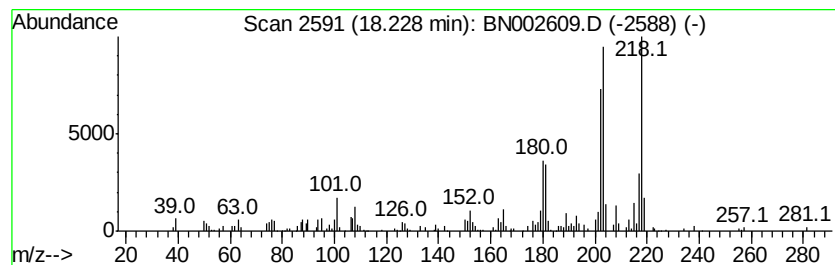
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.23	2.04 ng/ul	282386	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	74	
2	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	64	
3	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	59	
4	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	58	
5	2H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129833-00-7	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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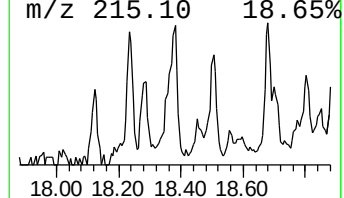
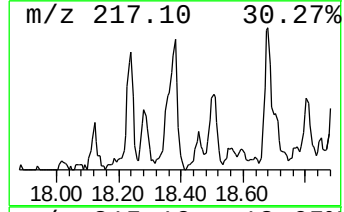
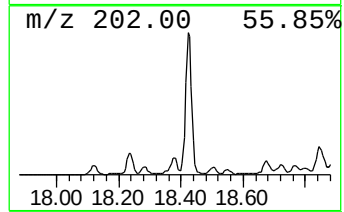
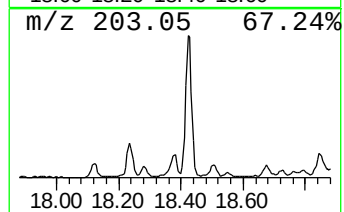
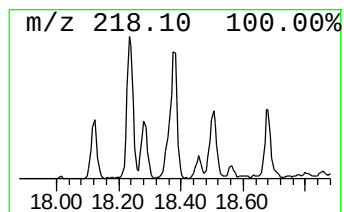
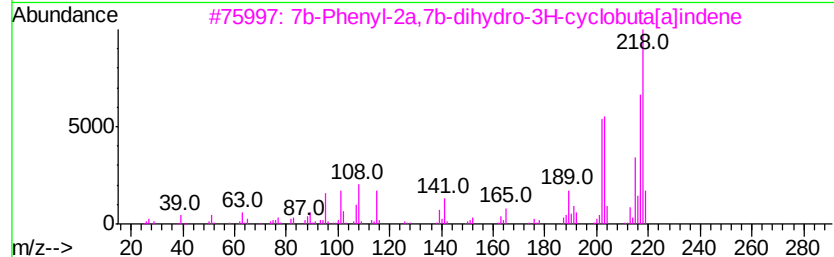
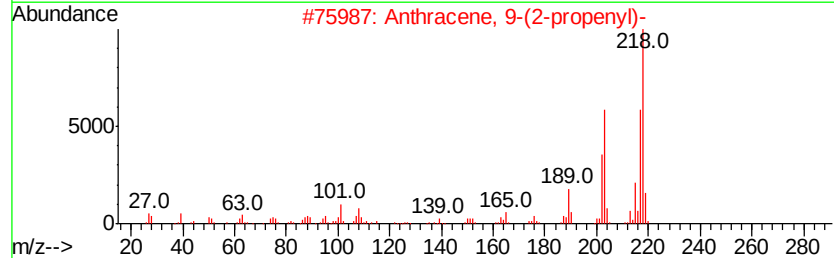
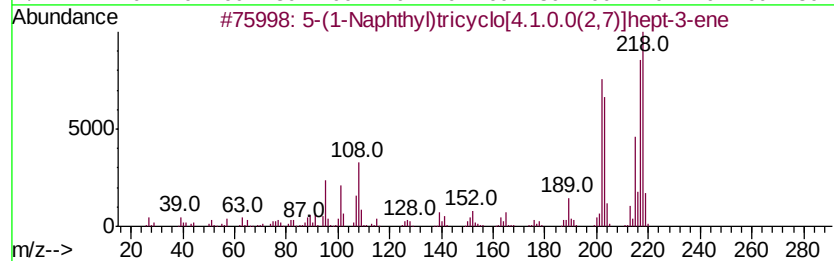
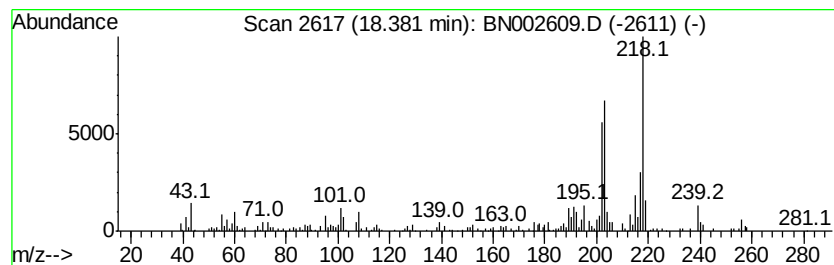
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.08 ng/ul	287962	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(1-Naphthyl)tricyclo[4.1.0.0(2...]	218	C17H14	107729-05-5	86
2		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	83
3		7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	76
4		5-Ethyl-5-phenyl-4-iminobarbitur...	231	C12H13N3O2	1000306-49-4	70
5		1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
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Acq On : 06 Sep 2018 10:15
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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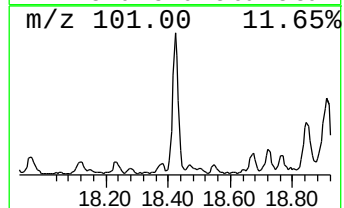
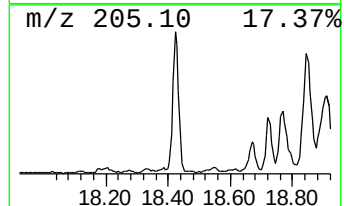
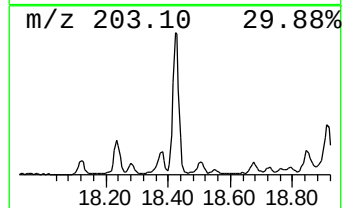
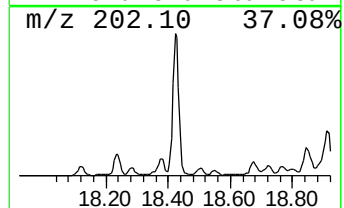
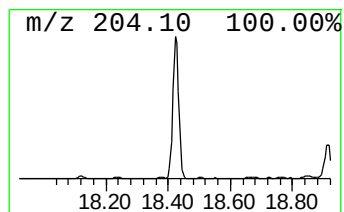
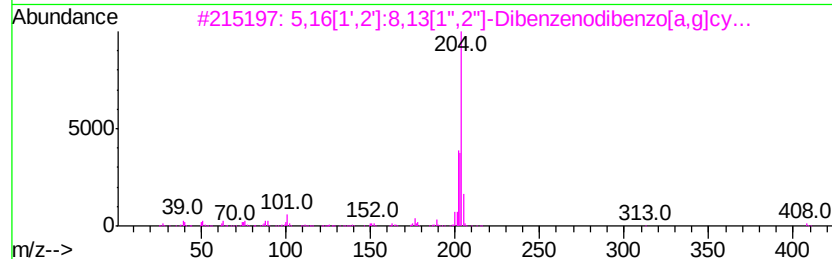
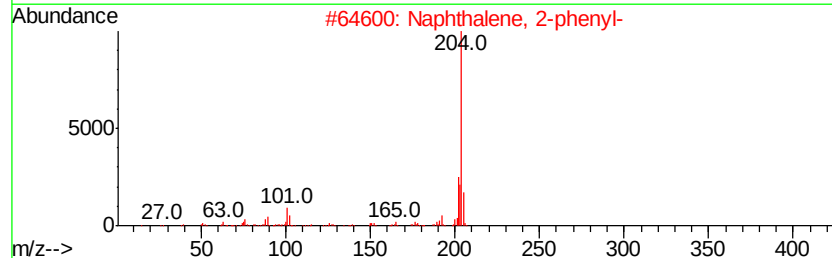
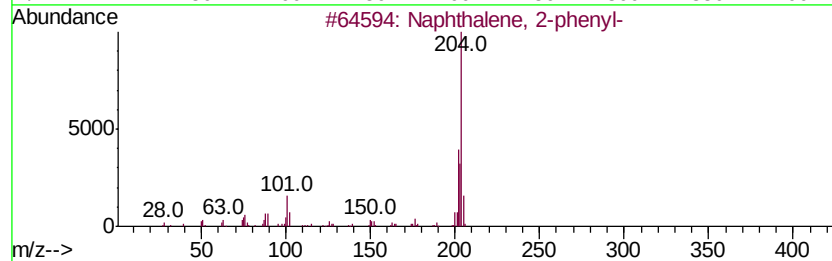
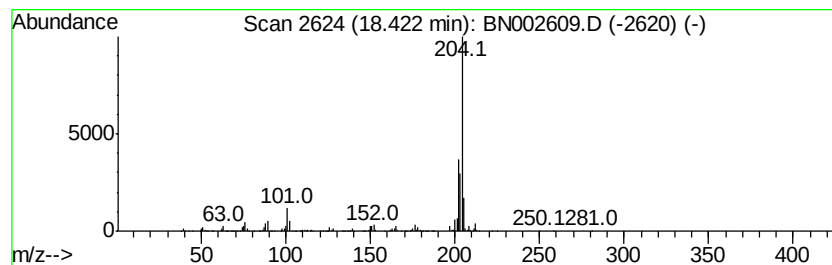
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	11.42 ng/ul	1583190	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
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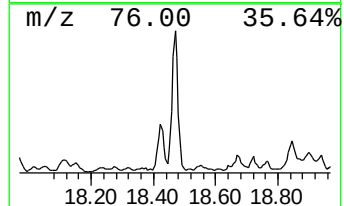
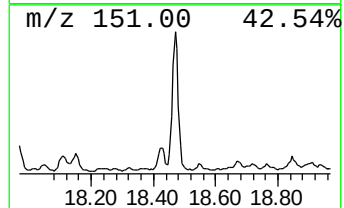
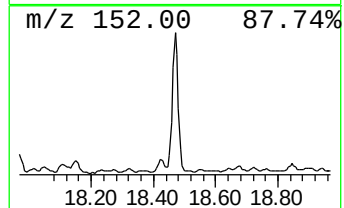
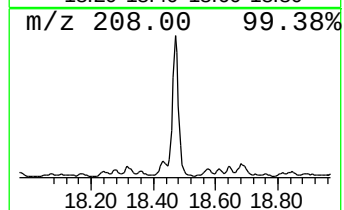
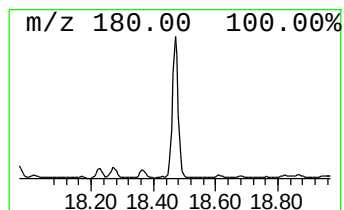
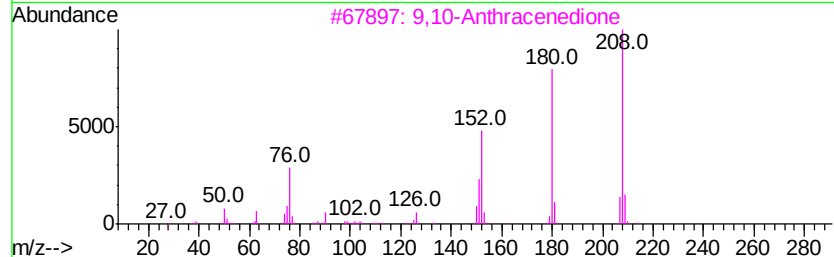
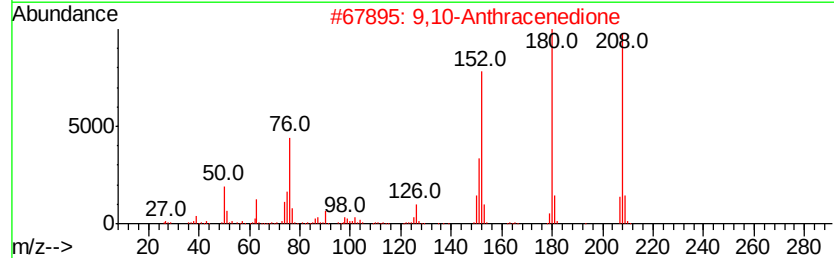
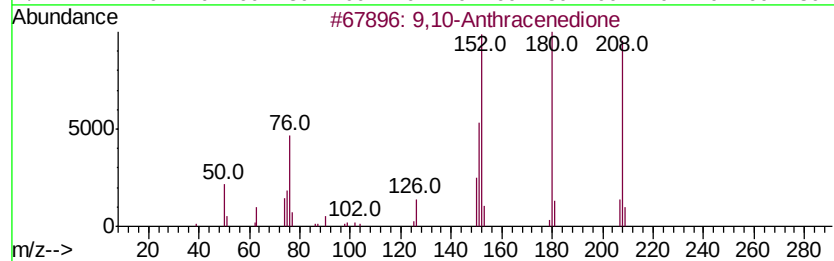
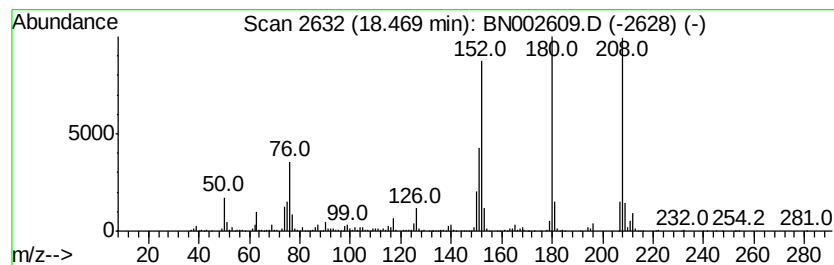
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	10.38 ng/ul	1439140	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
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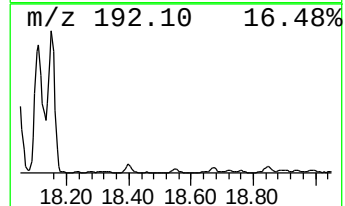
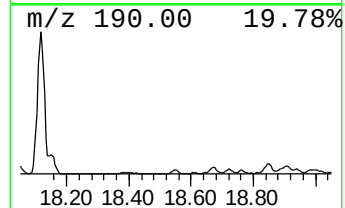
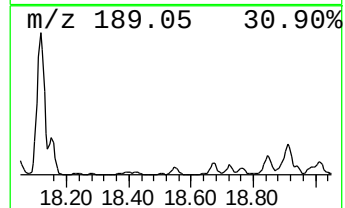
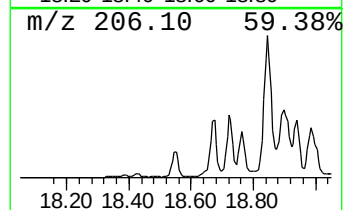
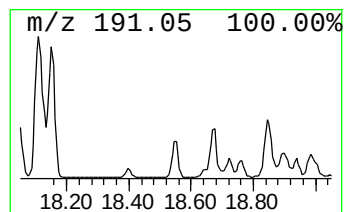
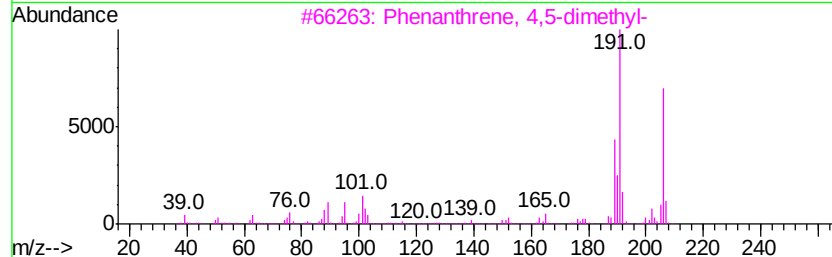
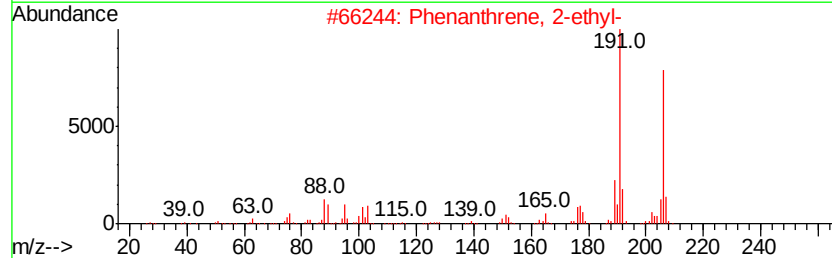
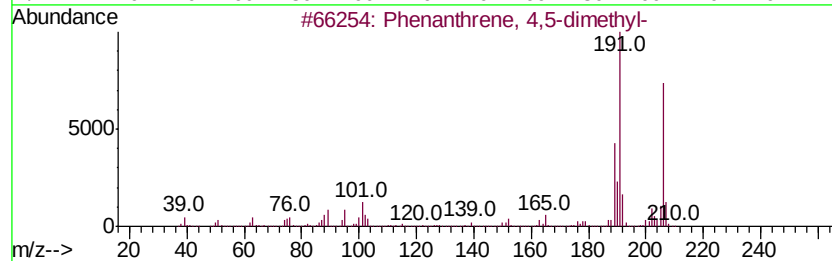
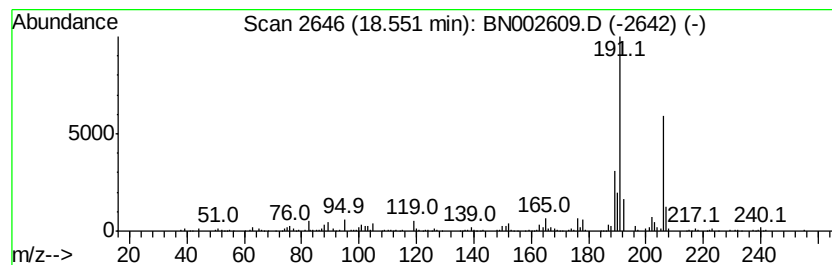
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Phenanthrene, 4,5-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.85 ng/ul	394767	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2		Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	90
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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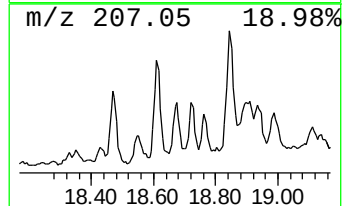
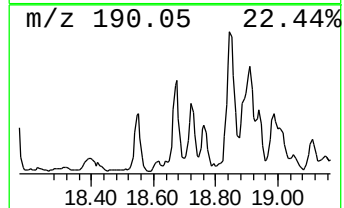
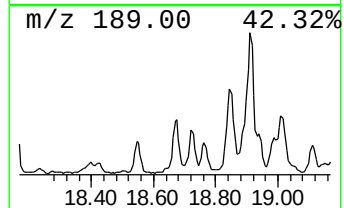
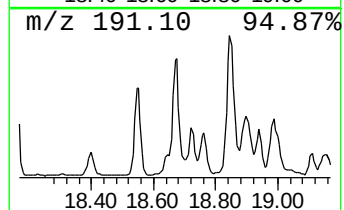
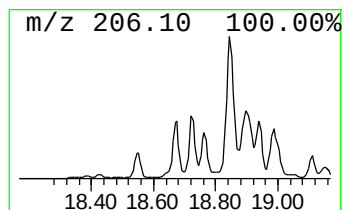
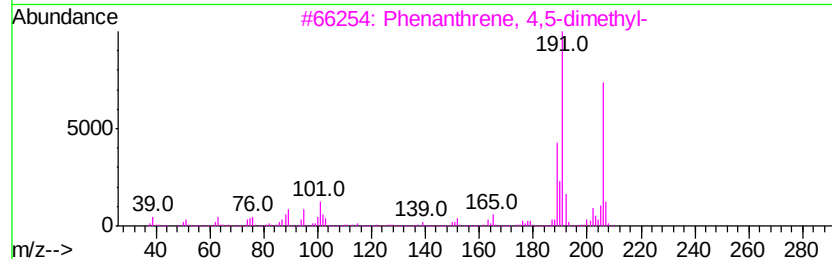
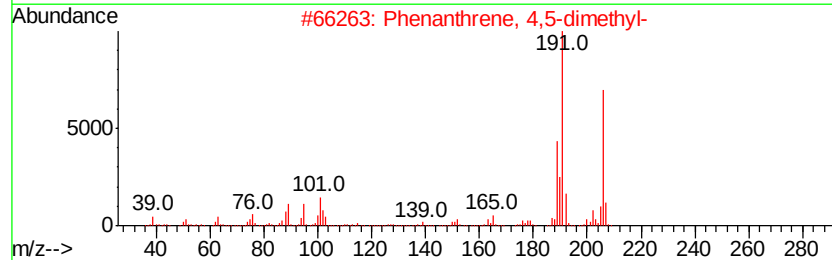
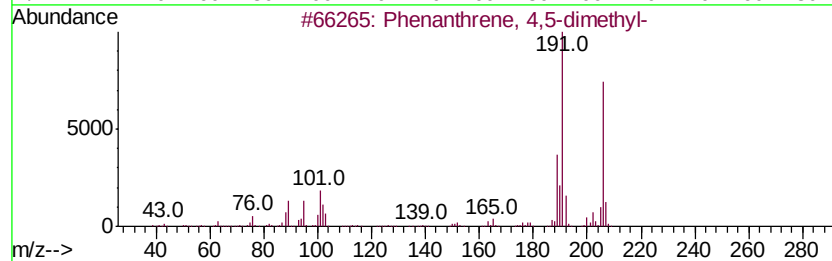
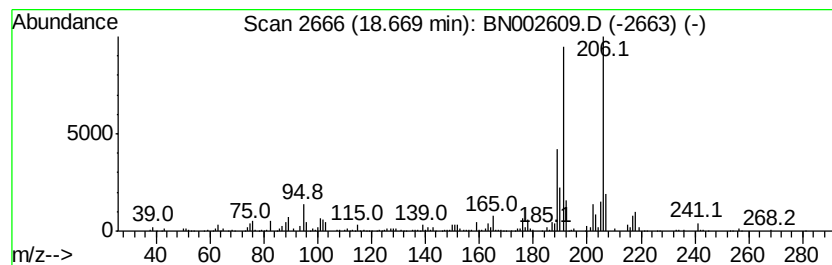
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Phenanthrene, 9,10-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.92 ng/ul	682158	Phenanthrene-d10	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5			Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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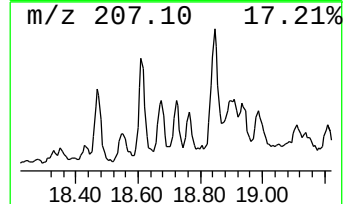
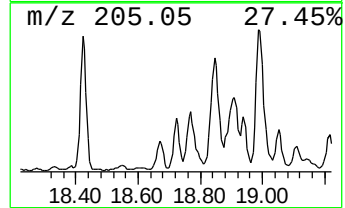
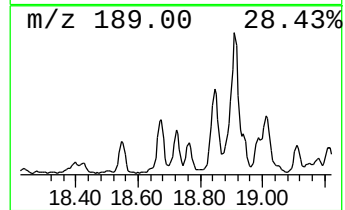
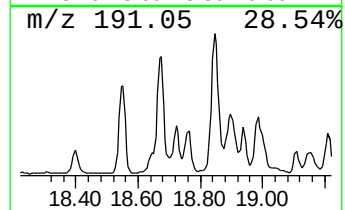
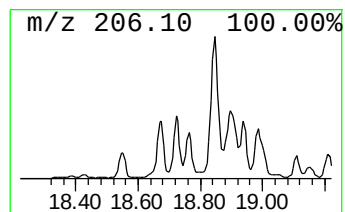
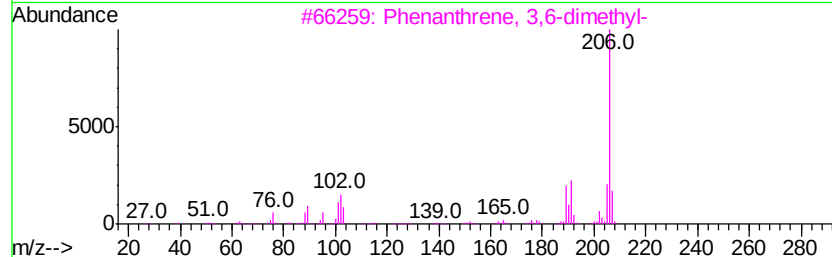
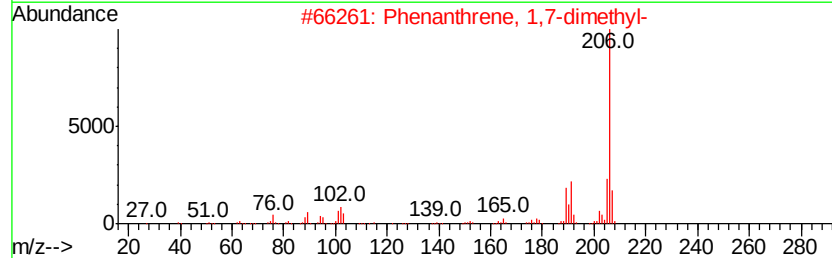
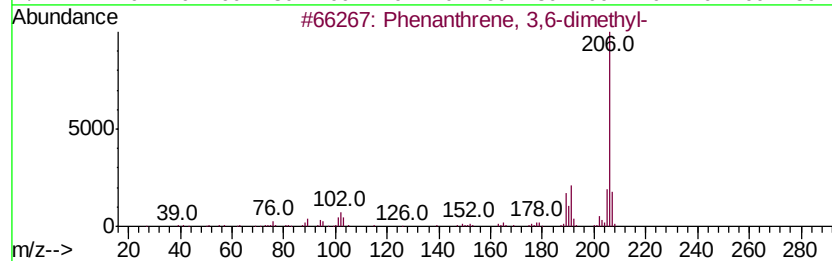
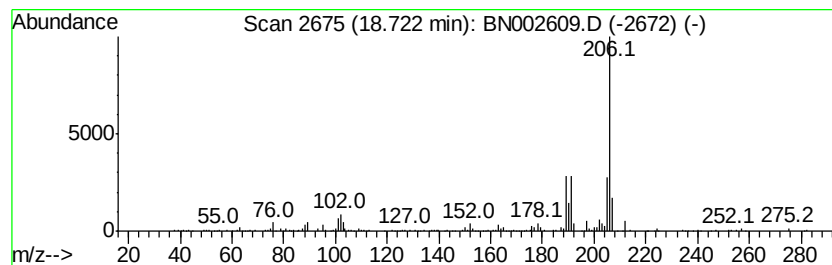
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.95 ng/ul	409481	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YY8

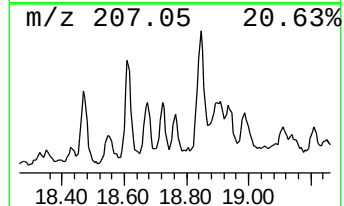
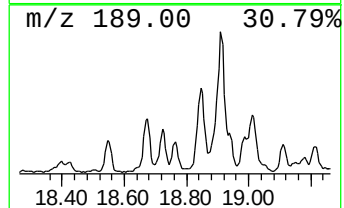
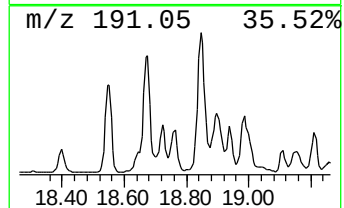
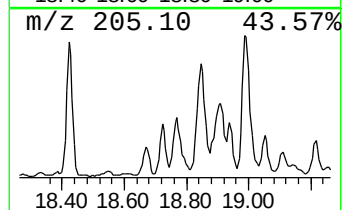
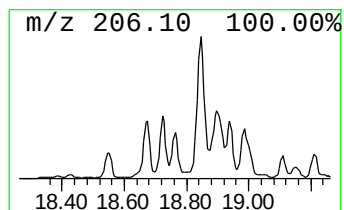
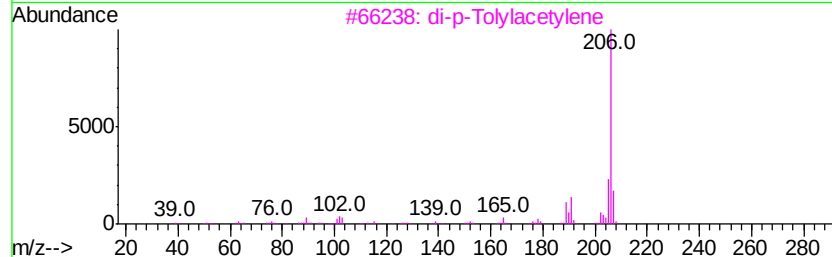
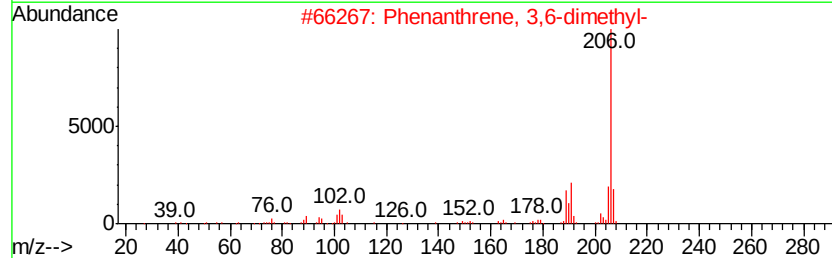
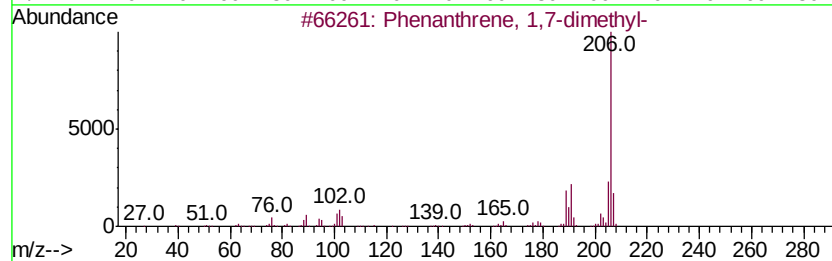
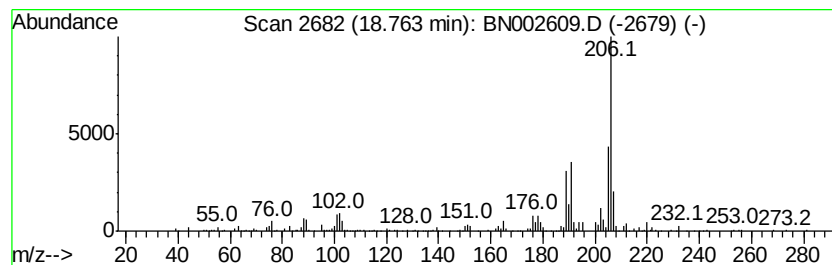
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Phenanthrene, 1,7-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.19 ng/ul	304187	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
Operator : JU/SJ
Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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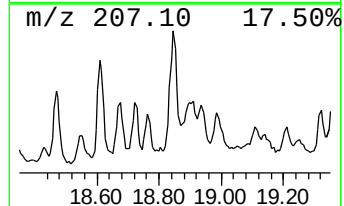
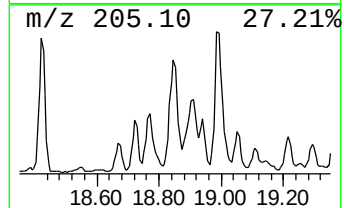
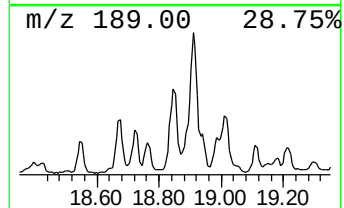
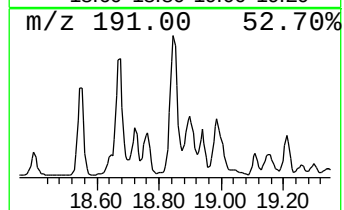
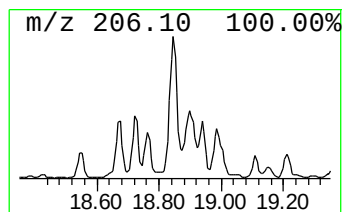
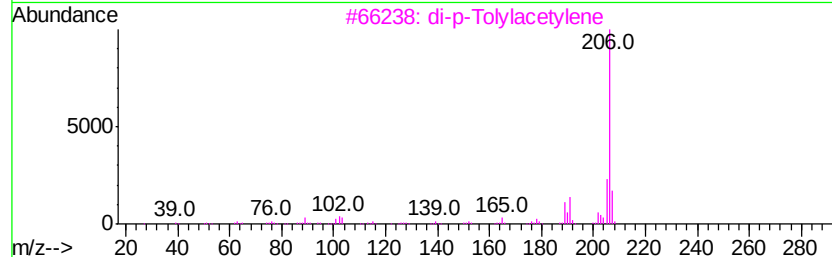
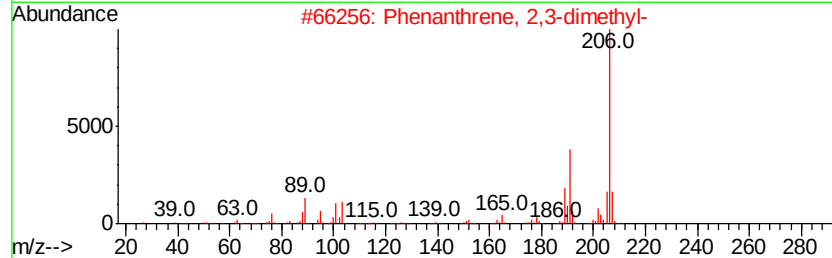
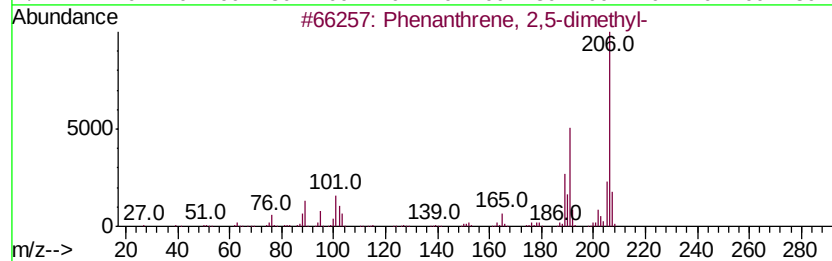
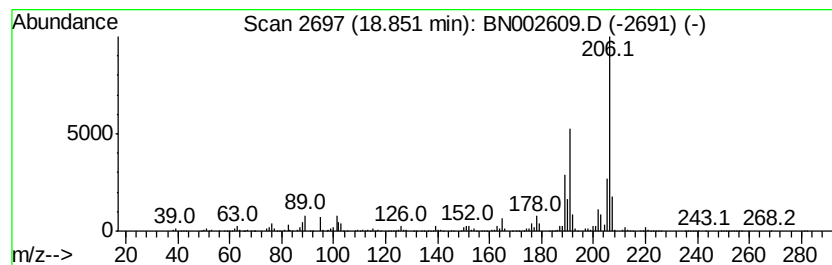
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	10.66 ng/ul	1478330	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
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Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

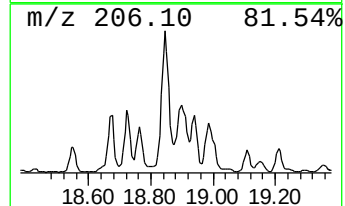
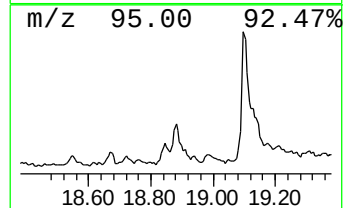
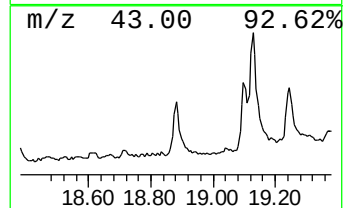
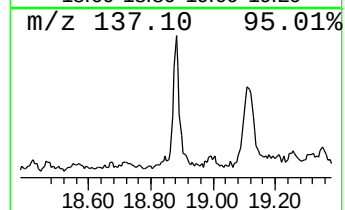
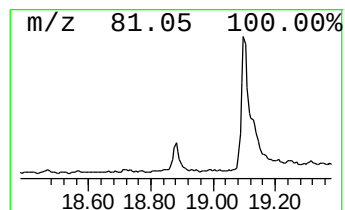
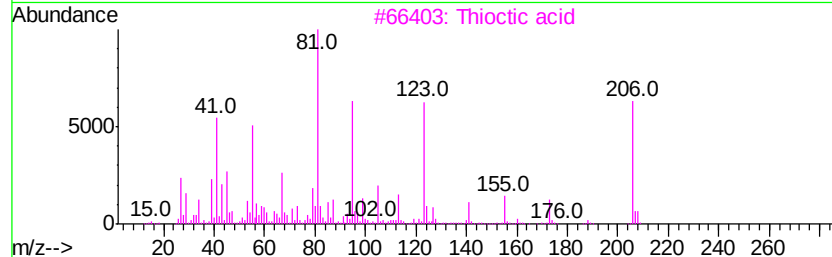
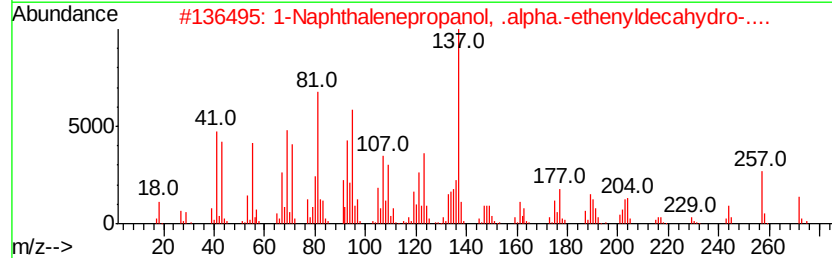
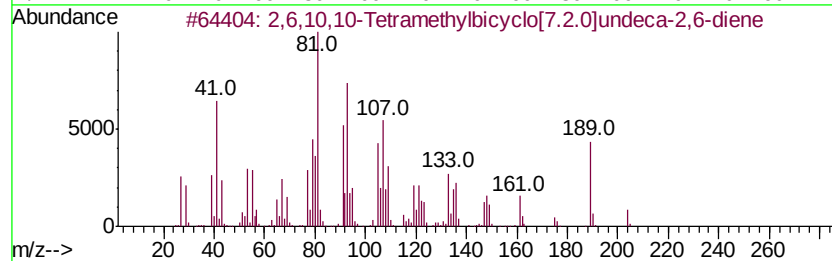
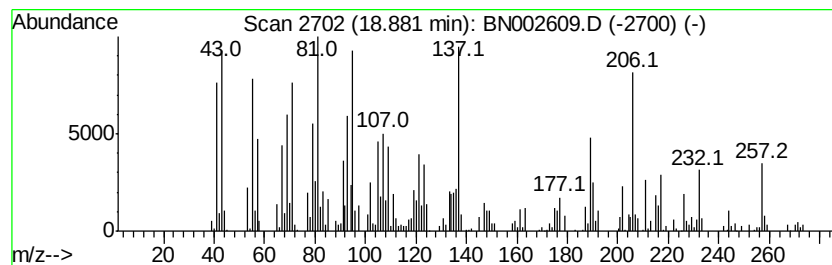
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.38 ng/ul	468590	Phenanthrene-d10	17.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,10-Tetramethylbicyclo[7.2...	204 C15H24	136296-37-2	43
2	1-Naphthalenepropanol, .alpha.-e...	290 C20H34O	001438-62-6	38
3	Thioctic acid	206 C8H14O2S2	001077-28-7	30
4	Trans, trans-2-ethylbicyclo[4.4....	166 C12H22	066660-37-5	27
5	1-(2-Furyl)-4,4,4-trifluoro-1,3-...	206 C8H5F3O3	000326-90-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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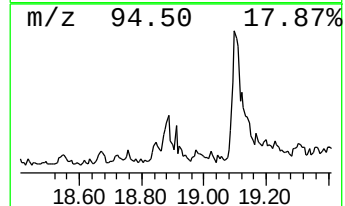
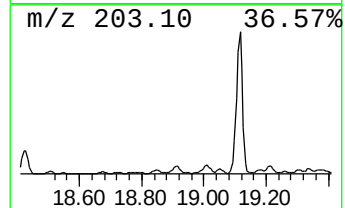
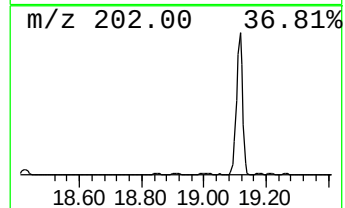
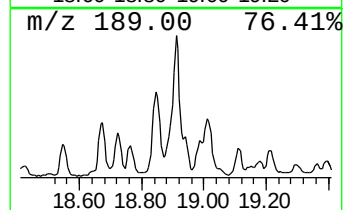
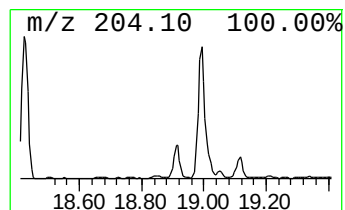
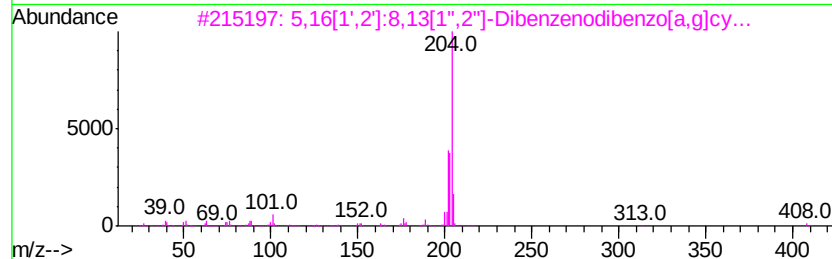
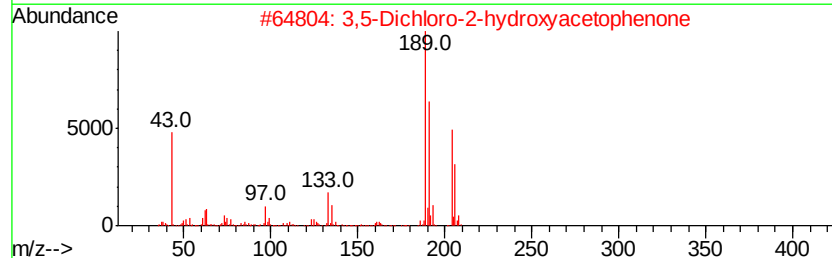
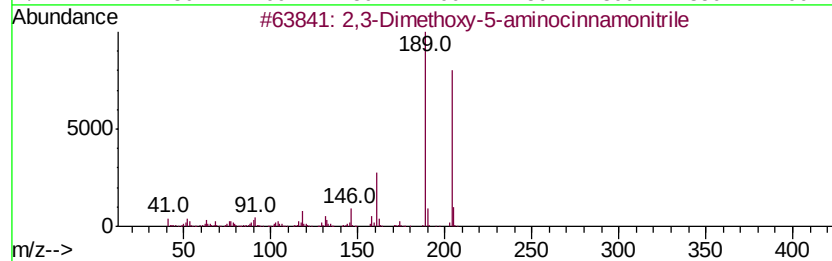
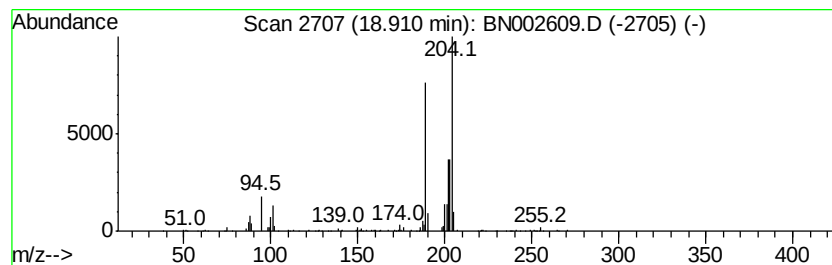
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 2,3-Dimethoxy-5-aminocinnam... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.53 ng/ul	489611	Phenanthrene-d10	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethoxy-5-aminocinnam	204	C11H12N2O2	1000214-46-5	58		
2	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	53		
3	5,16[1',2']8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	37		
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	32		
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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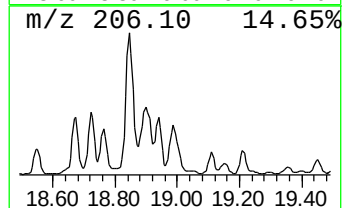
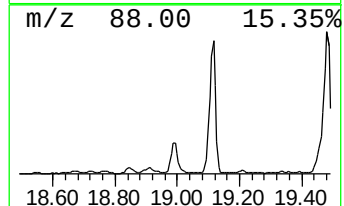
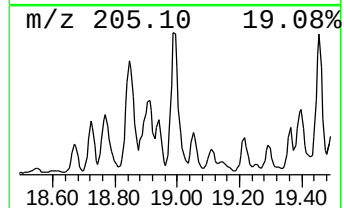
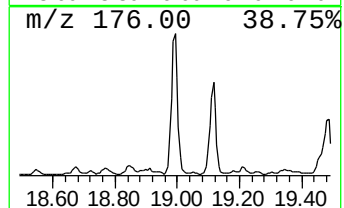
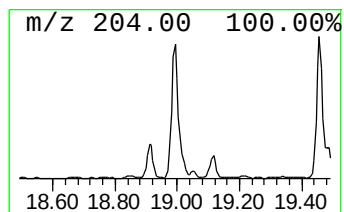
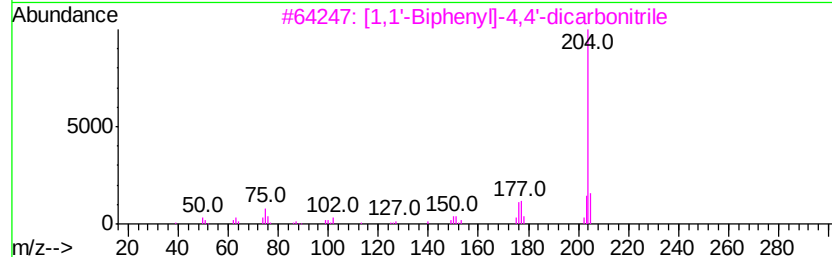
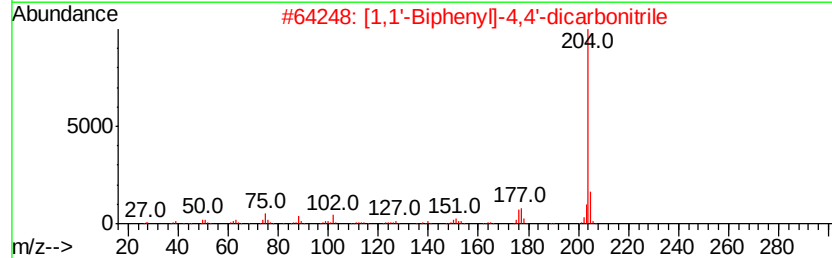
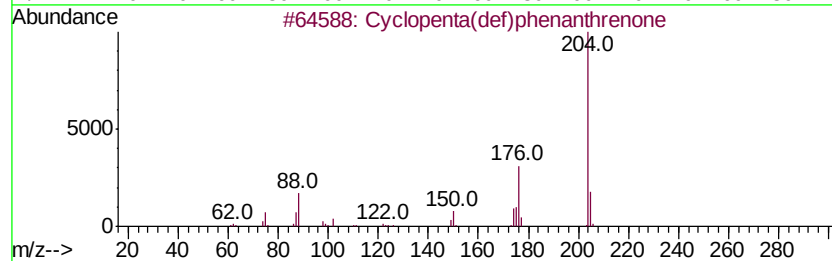
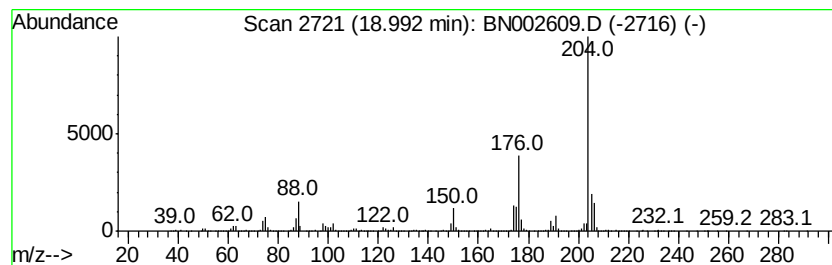
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	15.93 ng/ul	2208980	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
 Data File : BN002609.D
 Acq On : 06 Sep 2018 10:15
 Operator : JU/SJ
 Sample : J4688-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,3-...	13.61	2.4	ng/ul	331623	3	14.29	2715300	20.0
Naphthalene, 2,3,...	14.70	2.2	ng/ul	303191	3	14.29	2715300	20.0
Dibenzofuran, 4-m...	15.64	2.2	ng/ul	301726	3	14.29	2715300	20.0
(DEL) Alkane: Str...	16.02	2.0	ng/ul	279617	4	17.05	2772770	20.0
9H-Fluorene, 1-me...	16.35	4.4	ng/ul	608517	4	17.05	2772770	20.0
9H-Fluorene, 3-me...	16.40	2.2	ng/ul	303474	4	17.05	2772770	20.0
9H-Fluoren-9-one	16.70	3.0	ng/ul	411252	4	17.05	2772770	20.0
2-Propanol, 1-chl...	16.82	84.2	ng/ul	11673900	4	17.05	2772770	20.0
Dibenzothiophene	16.86	3.2	ng/ul	441377	4	17.05	2772770	20.0
Bis(1-chloro-2-pr...	16.92	54.6	ng/ul	7563630	4	17.05	2772770	20.0
Anthracene, 9-eth...	17.56	4.1	ng/ul	562250	4	17.05	2772770	20.0
Dibenzothiophene,...	17.62	3.3	ng/ul	455460	4	17.05	2772770	20.0
4-Methylnaphtho[1...	17.76	5.6	ng/ul	777235	4	17.05	2772770	20.0
Anthrone	17.84	2.3	ng/ul	312082	4	17.05	2772770	20.0
Phenanthrene, 2-m...	17.92	16.8	ng/ul	2331200	4	17.05	2772770	20.0
Anthracene, 2-met...	18.05	6.3	ng/ul	870191	4	17.05	2772770	20.0
4H-Cyclopenta[def...	18.12	30.9	ng/ul	4281390	4	17.05	2772770	20.0
Phenanthrene, 4-m...	18.15	11.1	ng/ul	1536520	4	17.05	2772770	20.0
1,2,3,4-Tetrahydr...	18.23	2.0	ng/ul	282386	4	17.05	2772770	20.0
5-(1-Naphthyl)tri...	18.38	2.1	ng/ul	287962	4	17.05	2772770	20.0
Naphthalene, 2-ph...	18.42	11.4	ng/ul	1583190	4	17.05	2772770	20.0
9,10-Anthracenedione	18.47	10.4	ng/ul	1439140	4	17.05	2772770	20.0
Phenanthrene, 4,5...	18.55	2.9	ng/ul	394767	4	17.05	2772770	20.0
Phenanthrene, 9,1...	18.67	4.9	ng/ul	682158	4	17.05	2772770	20.0
Phenanthrene, 3,6...	18.72	3.0	ng/ul	409481	4	17.05	2772770	20.0
Phenanthrene, 1,7...	18.76	2.2	ng/ul	304187	4	17.05	2772770	20.0
Phenanthrene, 2,5...	18.85	10.7	ng/ul	1478330	4	17.05	2772770	20.0
unknown-01	18.88	3.4	ng/ul	468590	4	17.05	2772770	20.0
2,3-Dimethoxy-5-a...	18.91	3.5	ng/ul	489611	4	17.05	2772770	20.0
Cyclopenta(def)ph...	18.99	15.9	ng/ul	2208980	4	17.05	2772770	20.0