

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001954.D
 Acq On : 03 Jul 2018 21:24
 Operator : JU/SJ
 Sample : J3721-17 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H12

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.023	3	6	12	rVB	740643	956840	2.48%	0.252%
2	6.881	655	662	671	rBV	480191	824492	2.13%	0.217%
3	7.052	684	691	702	rBV	378053	591639	1.53%	0.156%
4	7.246	718	724	734	rVB	485935	777518	2.01%	0.204%
5	7.711	795	803	811	rBV	2664696	4206496	10.89%	1.106%
6	8.246	886	894	901	rBV	73575	146751	0.38%	0.039%
7	8.411	914	922	931	rBV	577595	955483	2.47%	0.251%
8	8.852	990	997	1007	rBV	429434	746785	1.93%	0.196%
9	9.569	1113	1119	1129	rVB	348326	584994	1.51%	0.154%
10	10.105	1201	1210	1219	rBV	622403	1037780	2.69%	0.273%
11	10.481	1266	1274	1281	rBV	3808257	6402818	16.57%	1.684%
12	10.616	1289	1297	1311	rVB	370453	685603	1.77%	0.180%
13	13.751	1824	1830	1834	rBV	1007554	1435088	3.71%	0.377%
14	13.799	1834	1838	1843	rVB	484694	670265	1.73%	0.176%
15	14.028	1870	1877	1880	rBV	1246369	2092644	5.42%	0.550%
16	14.057	1880	1882	1895	rVB	1142177	1502425	3.89%	0.395%
17	14.340	1921	1930	1937	rVV2	5259100	8120147	21.02%	2.136%
18	14.398	1937	1940	1948	rVB	99771	162352	0.42%	0.043%
19	14.540	1958	1964	1972	rBV3	318702	546943	1.42%	0.144%
20	15.210	2073	2078	2082	rVB2	134442	178534	0.46%	0.047%
21	15.334	2092	2099	2105	rBV	1568212	2297758	5.95%	0.604%
22	15.451	2114	2119	2126	rVB	278018	373979	0.97%	0.098%
23	16.057	2216	2222	2227	rBV3	313370	627991	1.63%	0.165%
24	16.663	2320	2325	2332	rVB3	121747	209639	0.54%	0.055%
25	16.740	2333	2338	2345	rVB2	124711	214550	0.56%	0.056%
26	16.863	2355	2359	2363	rVB3	129261	167496	0.43%	0.044%
27	16.910	2363	2367	2374	rVB4	71895	165121	0.43%	0.043%
28	17.087	2390	2397	2401	rBV2	5708603	8507104	22.02%	2.237%
29	17.122	2401	2403	2408	rVB	646110	794675	2.06%	0.209%
30	17.181	2408	2413	2416	rBV	1477805	2188902	5.66%	0.576%
31	17.216	2416	2419	2424	rVB	1585655	2074405	5.37%	0.546%
32	17.275	2424	2429	2436	rVB	285604	440918	1.14%	0.116%
33	17.487	2457	2465	2469	rBV	515609	837013	2.17%	0.220%
34	17.528	2469	2472	2481	rVV	207049	452124	1.17%	0.119%

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35	17.604	2481	2485	2491	rVB2	228966	338849	0.88%	0.089%
36	17.751	2505	2510	2516	rBV6	61212	183277	0.47%	0.048%
37	17.957	2538	2545	2548	rBV2	159090	339893	0.88%	0.089%
38	17.998	2548	2552	2561	rVB2	396902	772741	2.00%	0.203%
39	18.087	2561	2567	2571	rBV2	381417	642742	1.66%	0.169%
40	18.157	2572	2579	2584	rBV3	499267	1129027	2.92%	0.297%
41	18.351	2609	2612	2616	rVB3	174926	234527	0.61%	0.062%
42	18.463	2628	2631	2634	rVV	235184	260879	0.68%	0.069%
43	18.498	2634	2637	2643	rVB3	410922	573479	1.48%	0.151%
44	18.710	2671	2673	2677	rVB	240159	271402	0.70%	0.071%
45	18.804	2685	2689	2693	rVB	339817	455062	1.18%	0.120%
46	18.881	2698	2702	2707	rBV	671889	1056990	2.74%	0.278%
47	18.939	2708	2712	2716	rBV3	318051	539610	1.40%	0.142%
48	19.022	2722	2726	2734	rBV	1678060	2345248	6.07%	0.617%
49	19.151	2742	2748	2754	rVB	14699390	20716193	53.61%	5.449%
50	19.216	2755	2759	2762	rBV	329648	519331	1.34%	0.137%
51	19.245	2762	2764	2768	rVV3	353592	460599	1.19%	0.121%
52	19.298	2768	2773	2777	rVB2	546643	787617	2.04%	0.207%
53	19.392	2785	2789	2792	rVB	409121	464963	1.20%	0.122%
54	19.516	2805	2810	2817	rVB	20081415	30184252	78.12%	7.939%
55	19.592	2817	2823	2829	rBV5	739589	1515765	3.92%	0.399%
56	19.692	2836	2840	2845	rBV	725931	1211548	3.14%	0.319%
57	19.751	2846	2850	2856	rVB2	1172771	1920716	4.97%	0.505%
58	19.845	2859	2866	2871	rBV3	2138999	5056330	13.09%	1.330%
59	19.928	2877	2880	2883	rBV4	358614	545363	1.41%	0.143%
60	19.986	2883	2890	2898	rVB4	2234073	6837454	17.70%	1.798%
61	20.104	2908	2910	2914	rVB2	553110	676077	1.75%	0.178%
62	20.169	2914	2921	2925	rBV2	2970729	5128225	13.27%	1.349%
63	20.210	2925	2928	2931	rVB	673515	809775	2.10%	0.213%
64	20.251	2931	2935	2940	rVB2	447571	735697	1.90%	0.193%
65	20.310	2940	2945	2948	rBV2	2181896	2946620	7.63%	0.775%
66	20.357	2948	2953	2957	rVB3	1376662	2124865	5.50%	0.559%
67	20.569	2985	2989	2992	rBV3	645677	1210048	3.13%	0.318%
68	20.675	3005	3007	3011	rVB2	468225	481572	1.25%	0.127%
69	20.757	3017	3021	3028	rVB	3263083	4597667	11.90%	1.209%
70	20.851	3035	3037	3042	rVB	544930	631486	1.63%	0.166%
71	20.928	3043	3050	3053	rVV2	2828176	5489688	14.21%	1.444%

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72	20.969	3053	3057	3060	rVV	2736755	4088911	10.58%	1.075%
73	21.004	3060	3063	3068	rVV2	3459345	5647302	14.62%	1.485%
74	21.057	3068	3072	3080	rVB2	2418322	3746159	9.70%	0.985%
75	21.169	3088	3091	3096	rVB2	774877	1109385	2.87%	0.292%
76	21.275	3099	3109	3114	rBV2	13358388	31306576	81.02%	8.234%
77	21.322	3114	3117	3124	rVV	10973902	16001012	41.41%	4.208%
78	21.404	3128	3131	3134	rVB2	460596	541062	1.40%	0.142%
79	21.439	3134	3137	3142	rBV3	1022349	2087505	5.40%	0.549%
80	21.592	3159	3163	3168	rBV2	1871198	3155758	8.17%	0.830%
81	21.645	3168	3172	3175	rBV4	1141076	1564567	4.05%	0.412%
82	21.780	3192	3195	3198	rBV	769992	944921	2.45%	0.249%
83	21.833	3198	3204	3208	rVB	2785618	4550999	11.78%	1.197%
84	21.886	3209	3213	3218	rVV2	2244253	3248653	8.41%	0.854%
85	22.033	3233	3238	3240	rBV2	1301523	1883877	4.88%	0.495%
86	22.133	3251	3255	3259	rVB2	938423	1323432	3.43%	0.348%
87	22.310	3281	3285	3289	rBV	795320	1045376	2.71%	0.275%
88	22.592	3328	3333	3346	rVB3	1743210	4970045	12.86%	1.307%
89	22.863	3371	3379	3383	rBV2	16752522	38639072	100.00%	10.163%
90	23.022	3401	3406	3413	rBV	2614307	4271429	11.05%	1.123%
91	23.157	3424	3429	3437	rBV2	1252909	3444559	8.91%	0.906%
92	23.333	3452	3459	3465	rBV	9357446	17300043	44.77%	4.550%
93	23.427	3469	3475	3482	rVB	10092711	18370952	47.55%	4.832%
94	23.522	3483	3491	3495	rBV	3264205	7200183	18.63%	1.894%
95	23.569	3495	3499	3507	rVB2	3764380	7428873	19.23%	1.954%
96	25.004	3737	3743	3749	rBV	1351552	2756282	7.13%	0.725%
97	25.227	3776	3781	3788	rVB5	1437477	3381753	8.75%	0.889%
98	25.516	3826	3830	3839	rVB2	1474788	3263497	8.45%	0.858%
99	25.763	3862	3872	3882	rVB2	5993523	18245592	47.22%	4.799%
100	26.445	3978	3988	4002	rVB	3902982	12518190	32.40%	3.292%

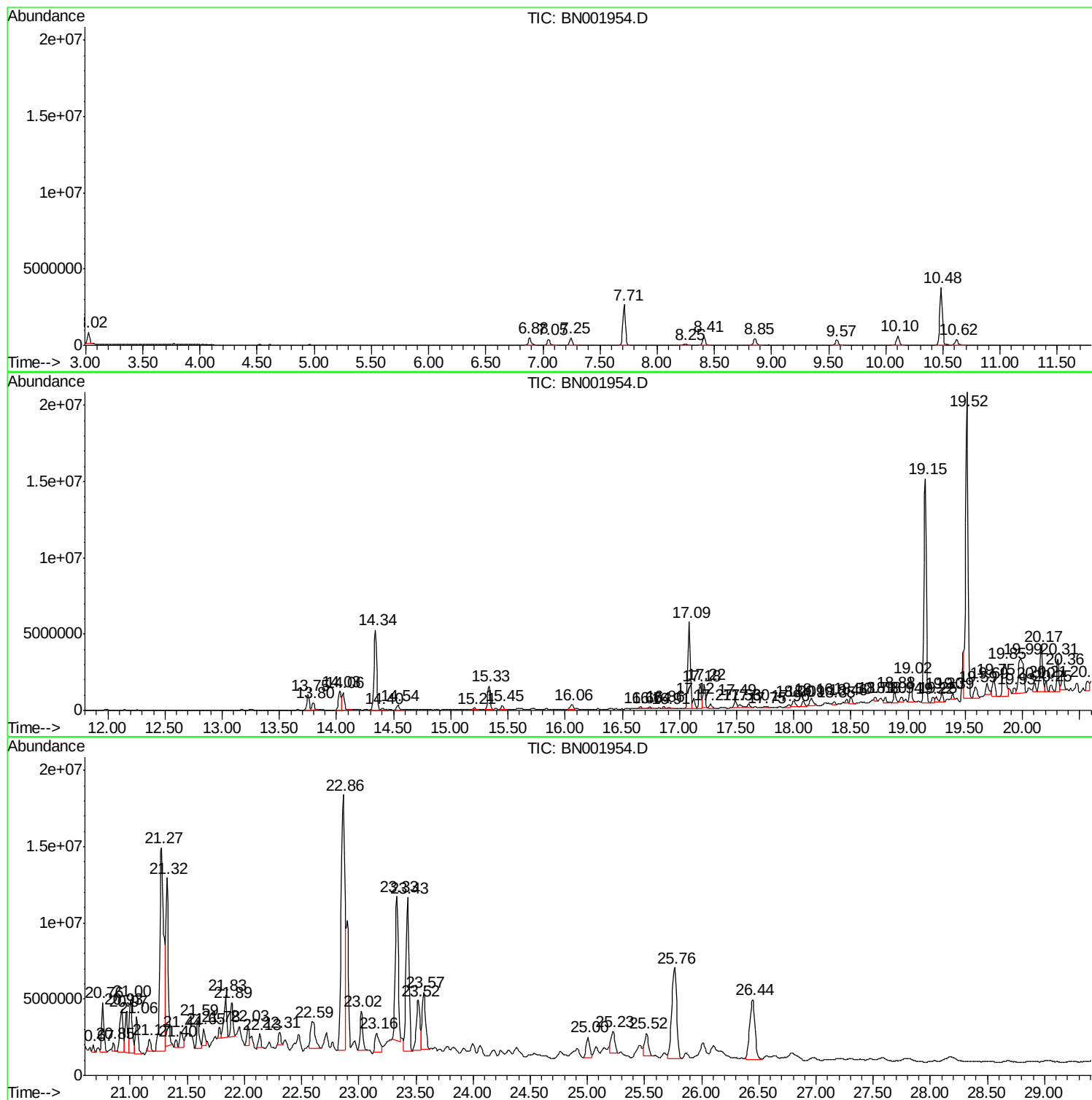
Sum of corrected areas: 380208814

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Instrument :
BNA_N
ClientSampled :
F1H12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



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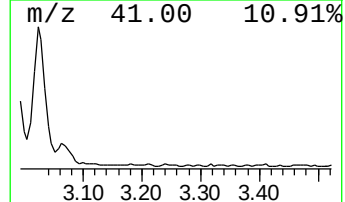
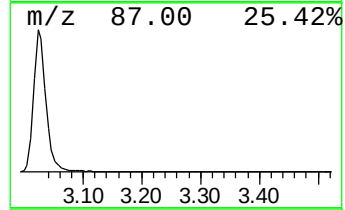
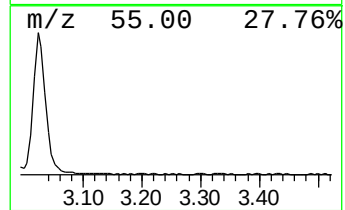
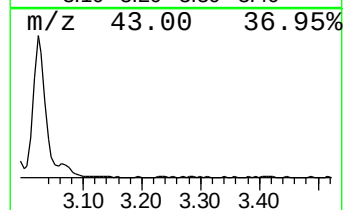
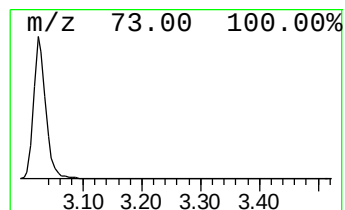
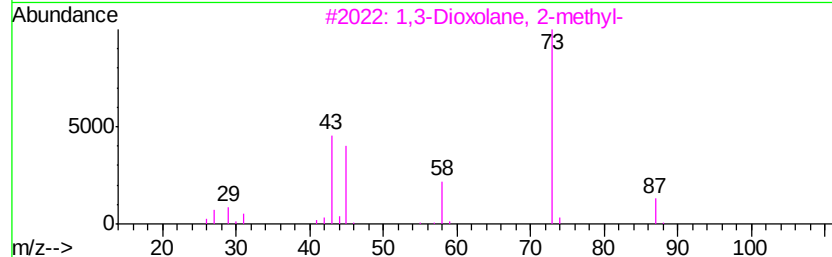
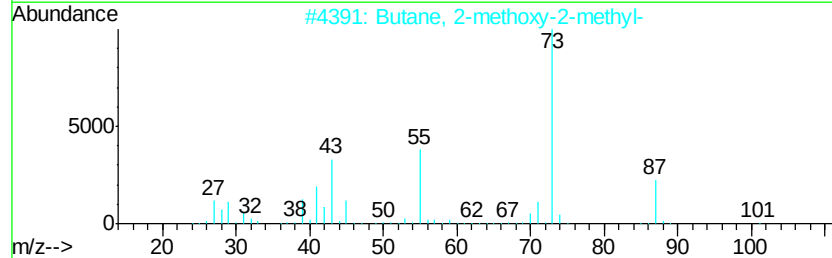
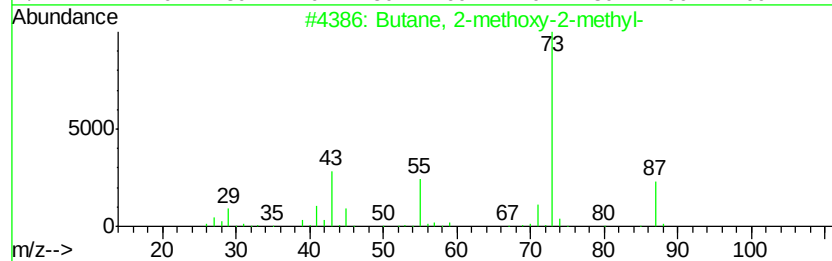
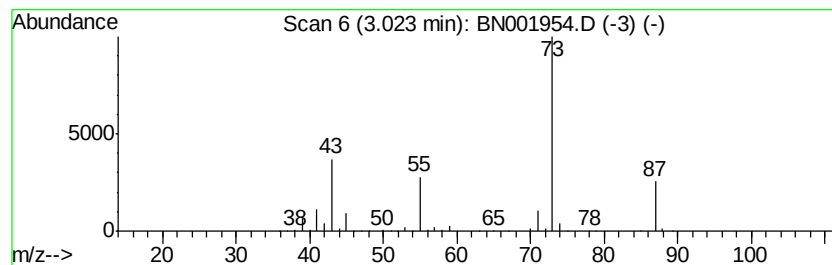
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	4.55 ng/ul	956840	1,4-Dichlorobenzene-d4	7.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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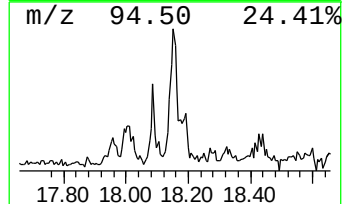
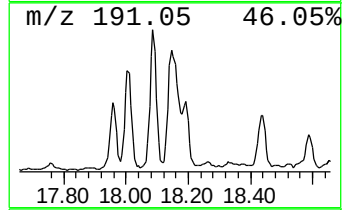
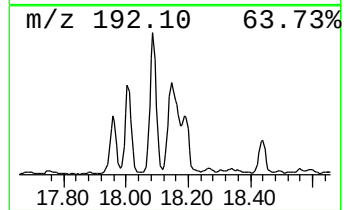
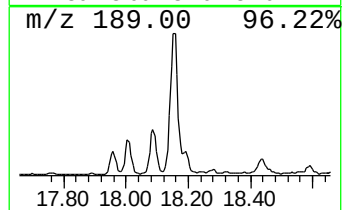
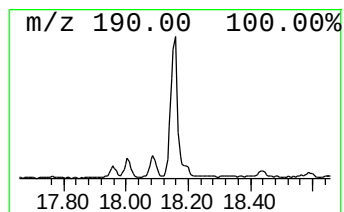
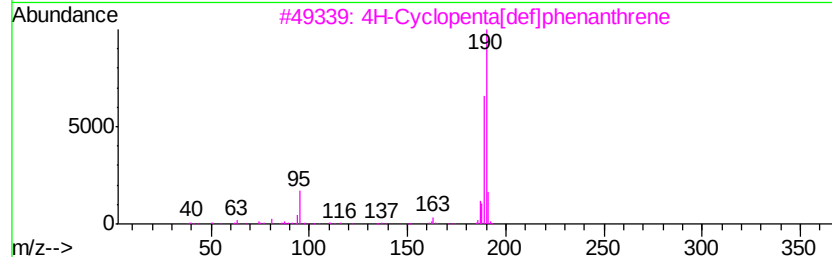
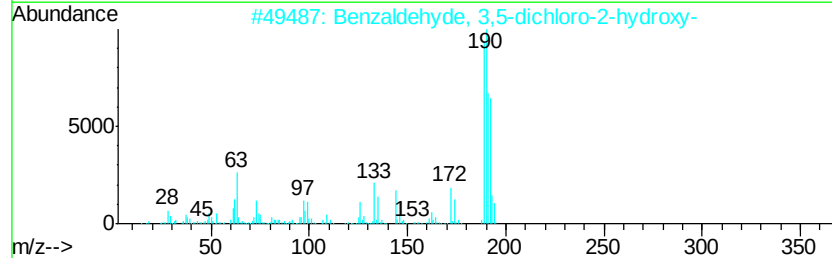
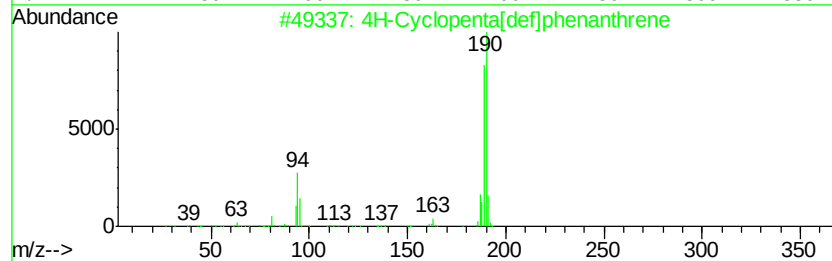
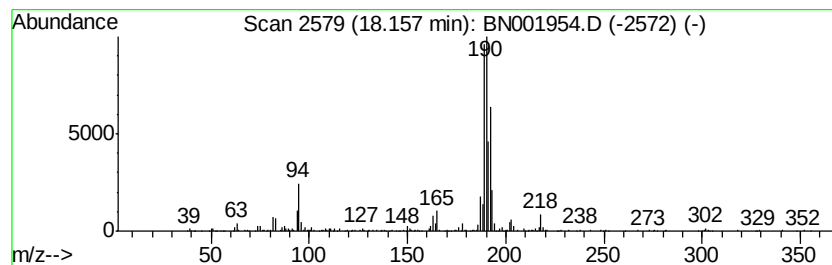
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.65 ng/ul	1129030	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40



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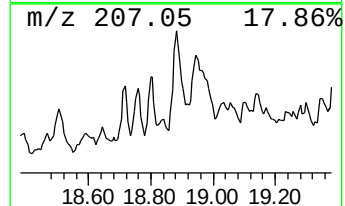
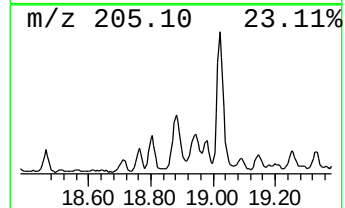
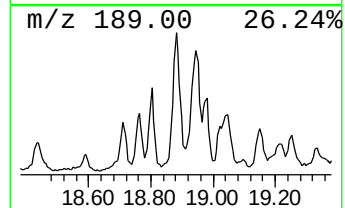
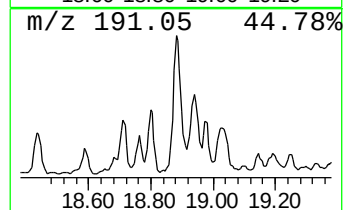
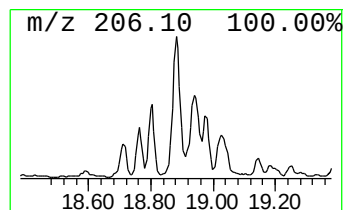
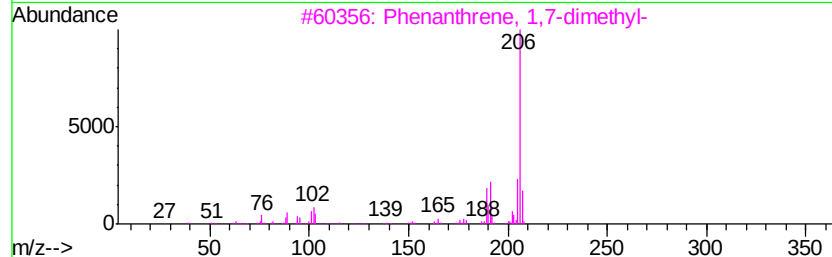
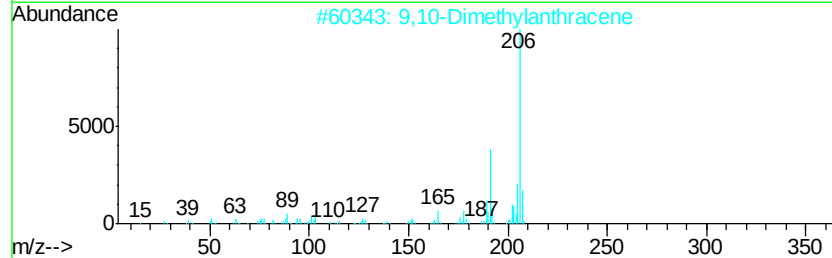
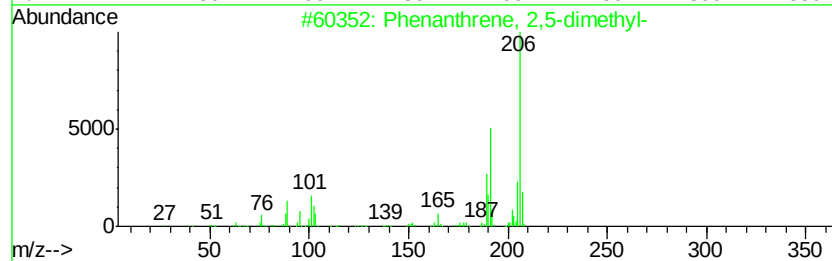
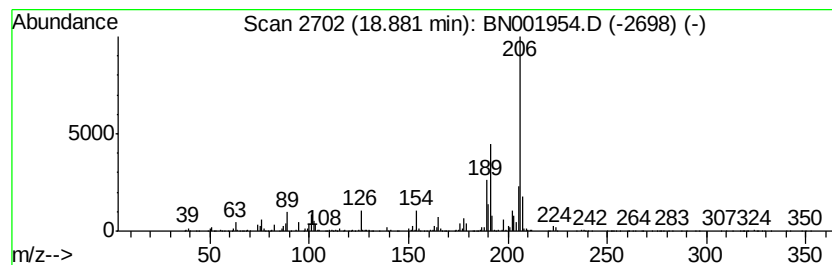
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.48 ng/ul	1056990	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	90



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Data File : BN001954.D
Acq On : 03 Jul 2018 21:24
Operator : JU/SJ
Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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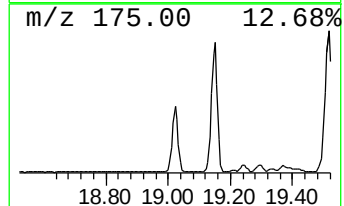
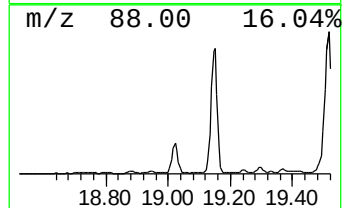
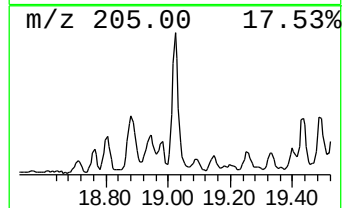
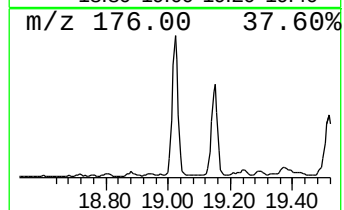
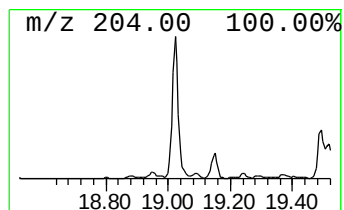
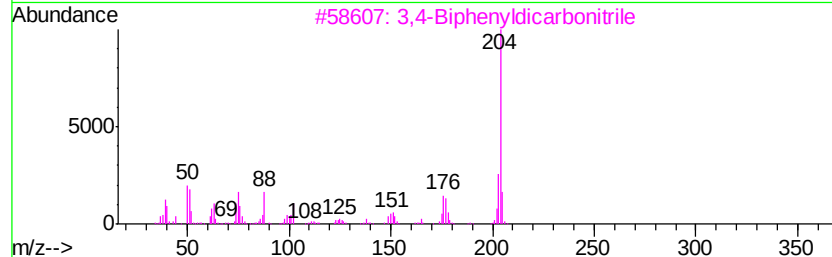
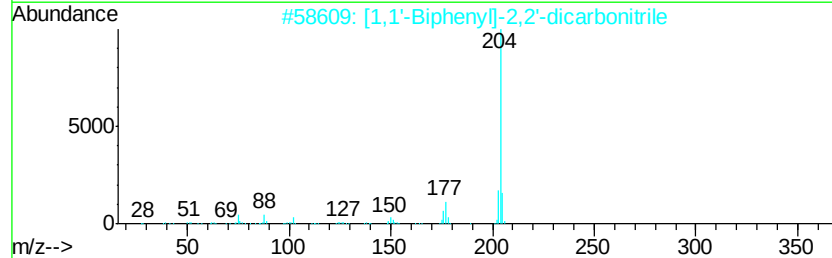
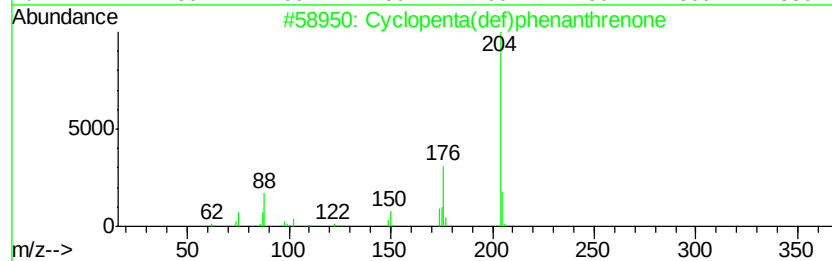
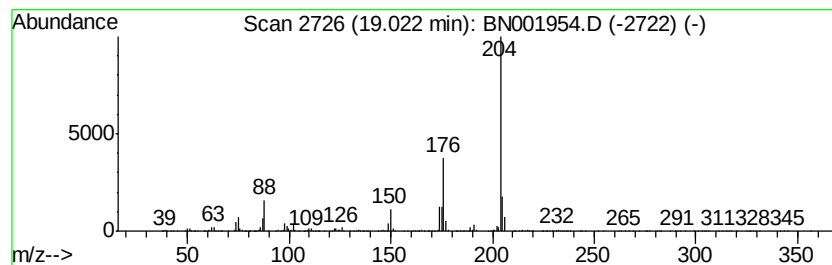
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	5.51 ng/ul	2345250	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47



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Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampled :
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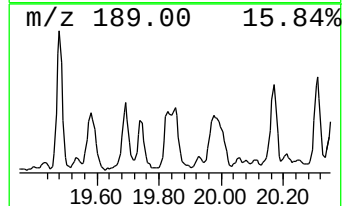
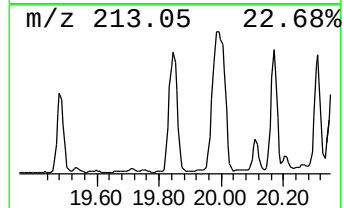
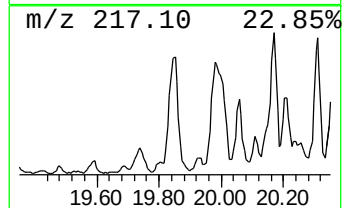
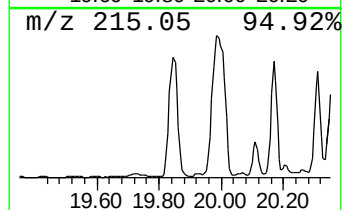
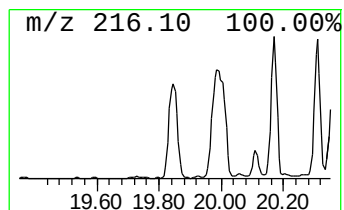
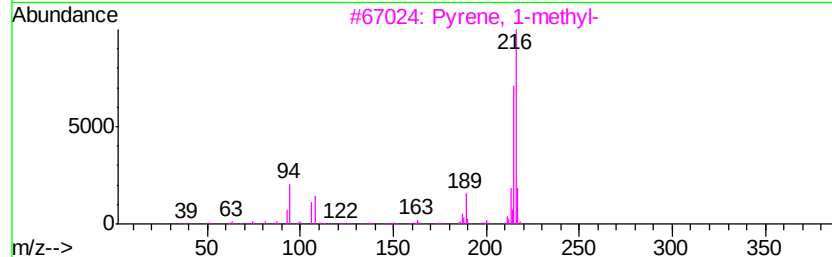
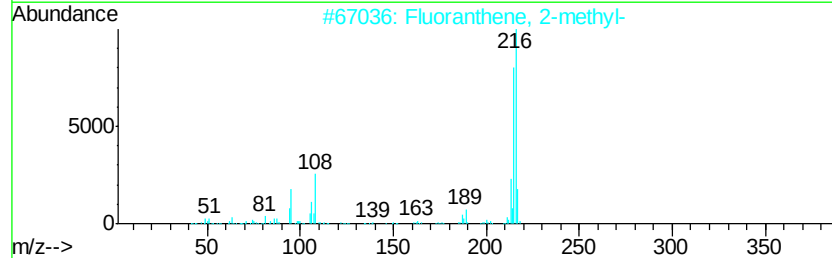
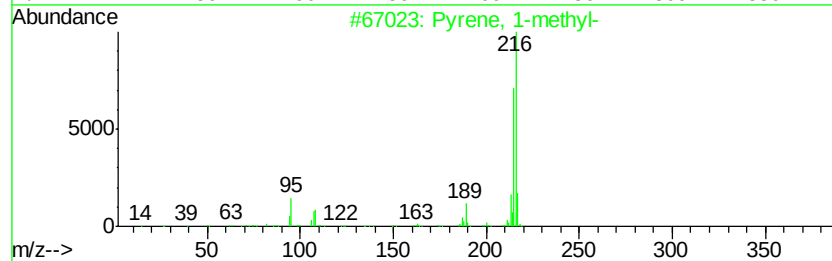
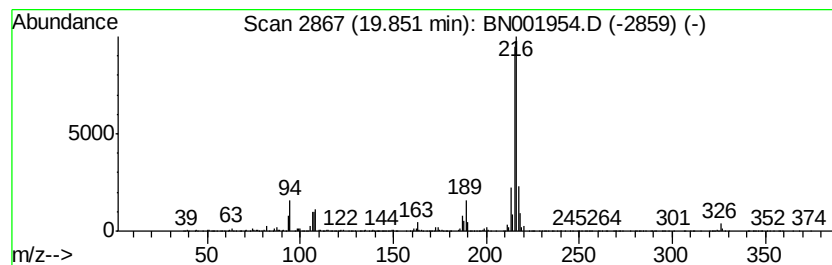
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	3.23 ng/ul	5056330	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001954.D
Acq On : 03 Jul 2018 21:24
Operator : JU/SJ
Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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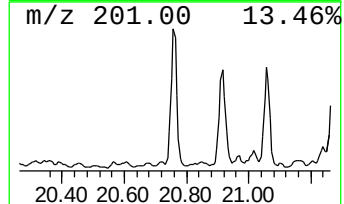
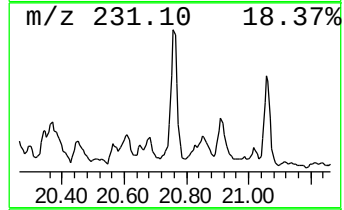
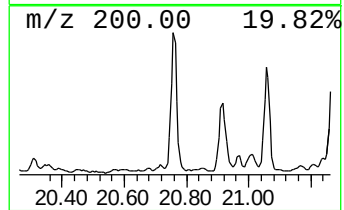
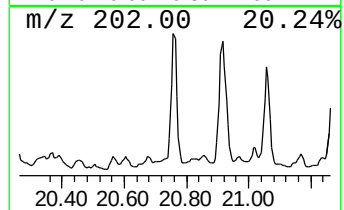
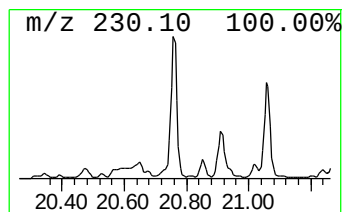
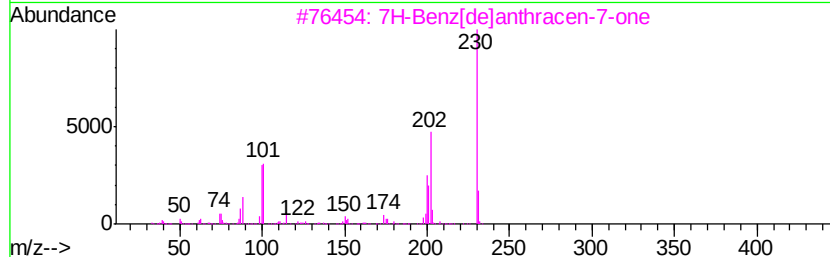
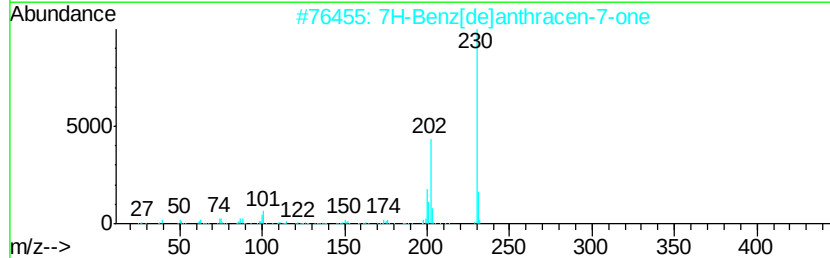
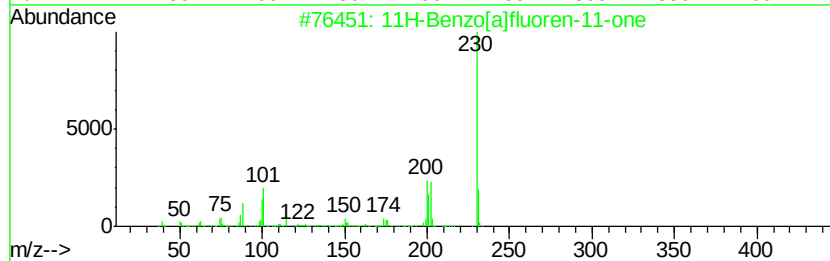
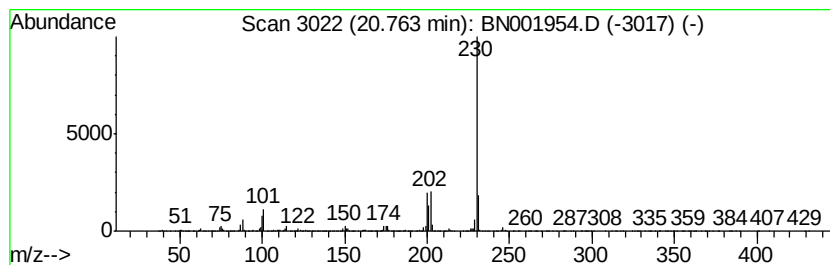
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.94 ng/ul	4597670	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Acq On : 03 Jul 2018 21:24
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Misc :
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Instrument :
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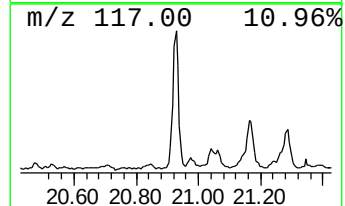
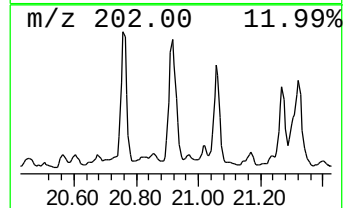
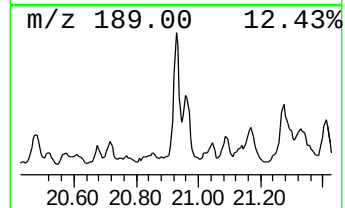
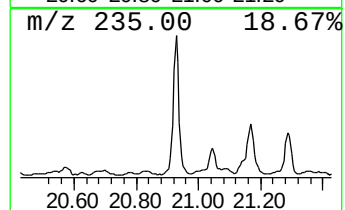
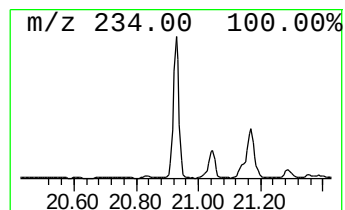
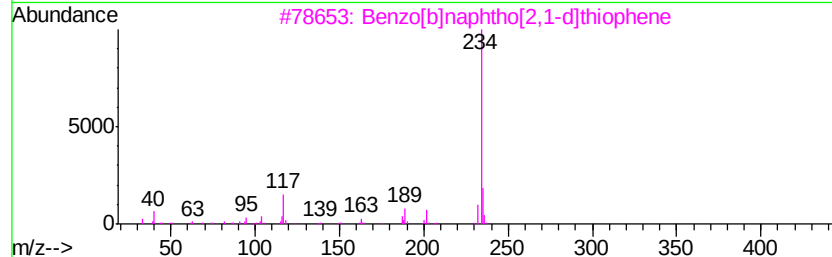
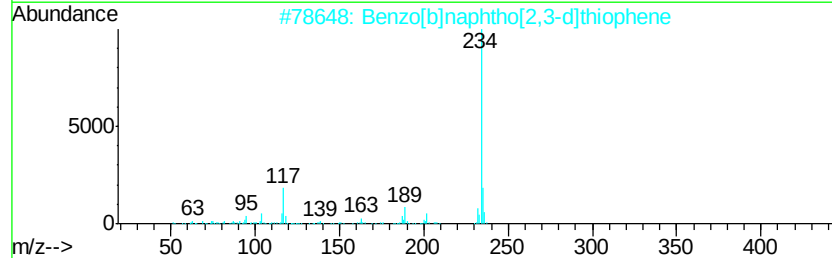
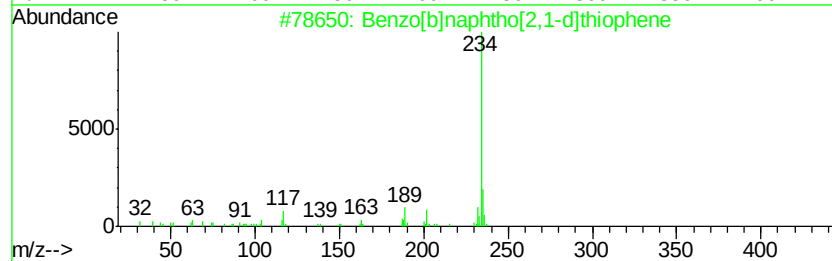
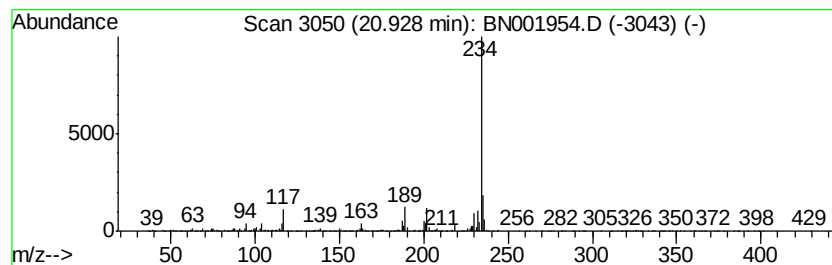
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.51 ng/ul	5489690	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90



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Sample : J3721-17 5X
Misc :
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Instrument :
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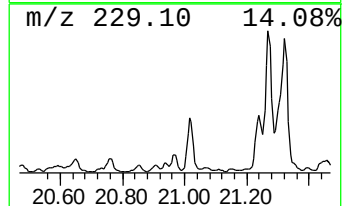
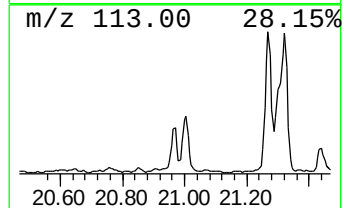
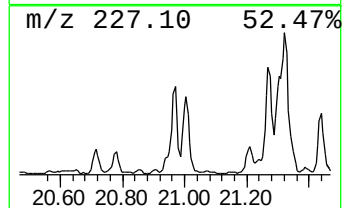
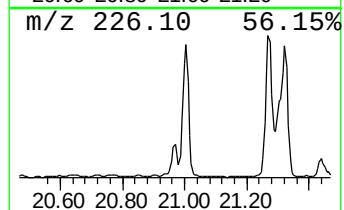
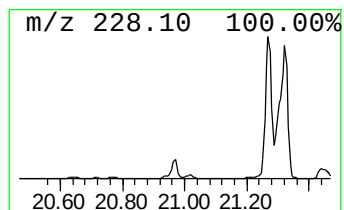
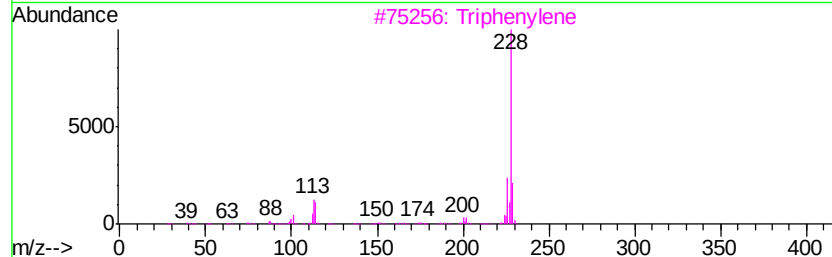
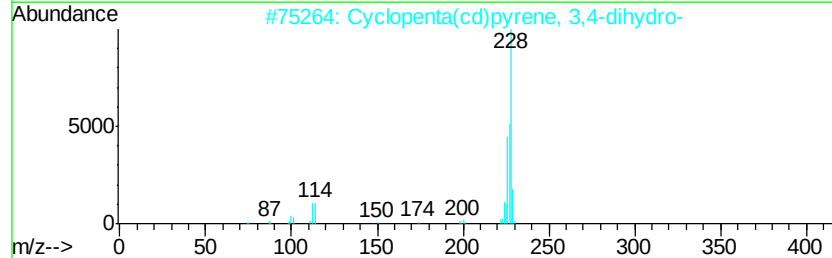
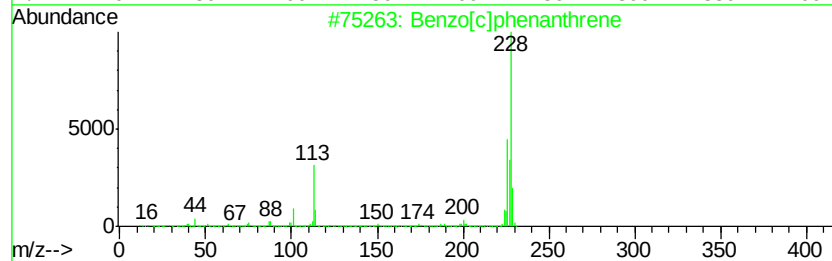
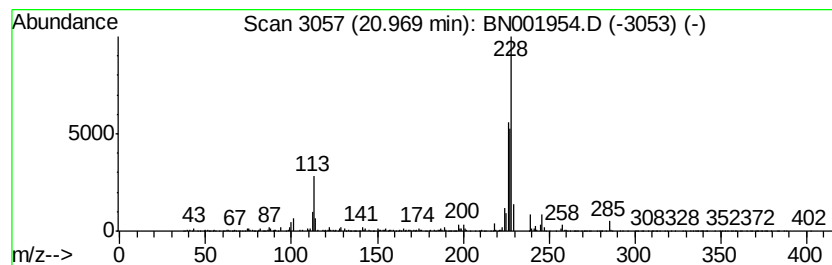
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzo[c]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.61 ng/ul	4088910	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	91
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3		Triphenylene	228	C18H12	000217-59-4	46
4		Benz[a]anthracene	228	C18H12	000056-55-3	41
5		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	38



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Misc :
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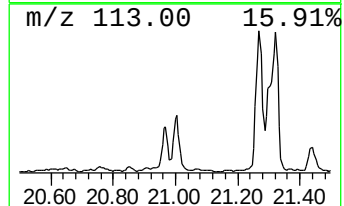
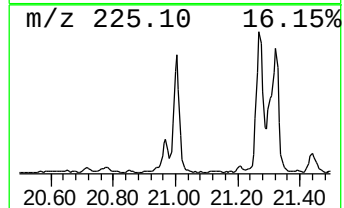
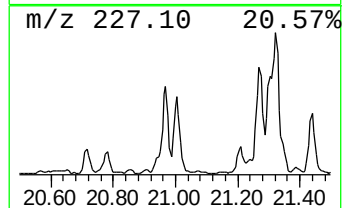
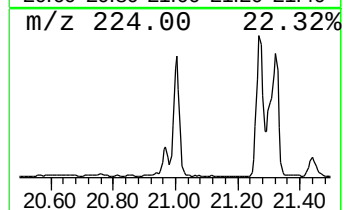
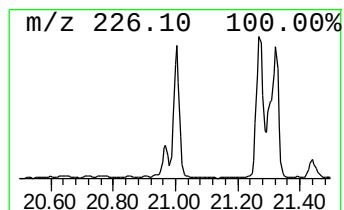
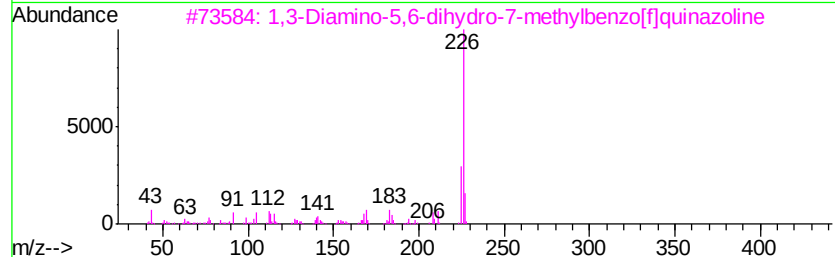
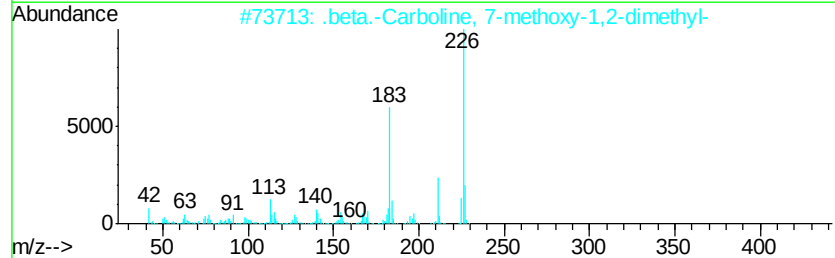
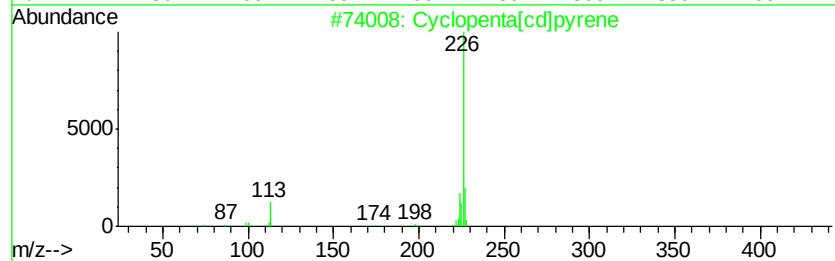
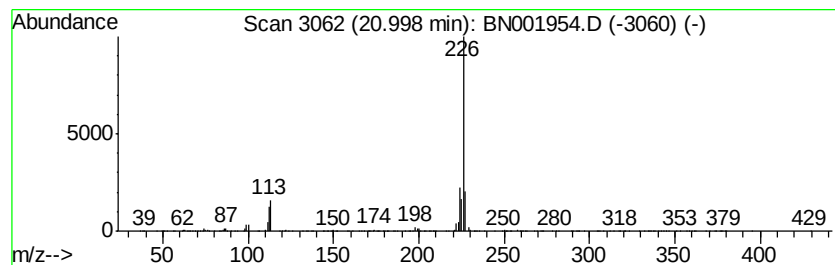
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.61 ng/ul	5647300	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4		2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	50
5		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43



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Sample : J3721-17 5X
Misc :
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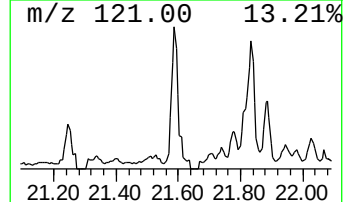
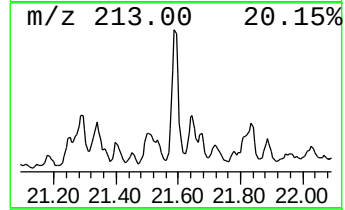
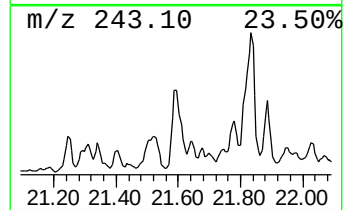
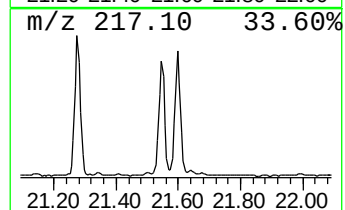
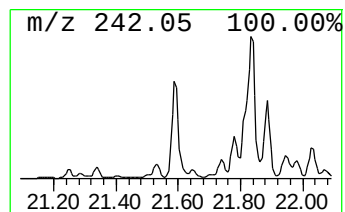
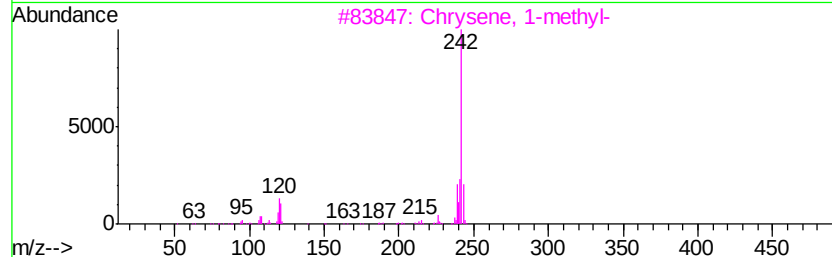
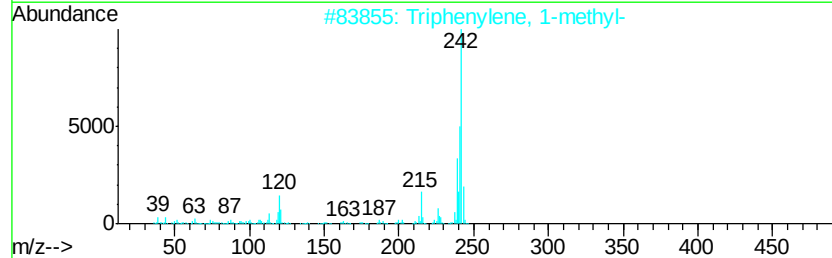
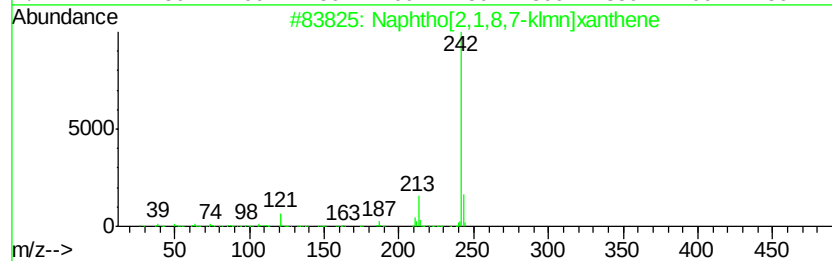
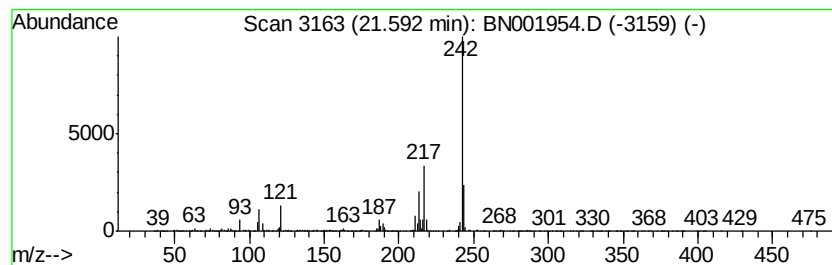
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.59	2.02 ng/ul	3155760	Chrysene-d12	21.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	89
2		Triphenylene, 1-methyl-	242	C19H14	002871-91-2	53
3		Chrysene, 1-methyl-	242	C19H14	003351-28-8	50
4		Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	50
5		4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001954.D
Acq On : 03 Jul 2018 21:24
Operator : JU/SJ
Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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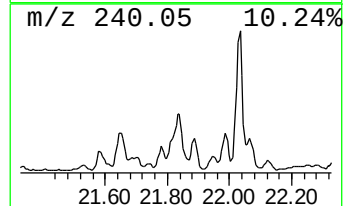
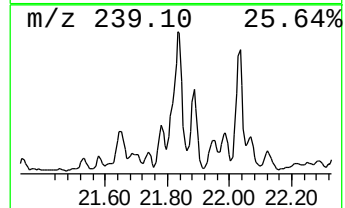
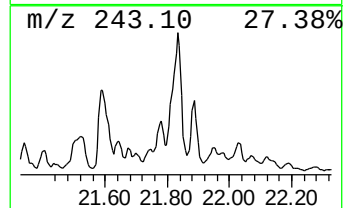
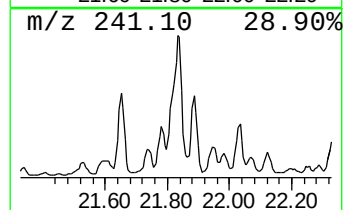
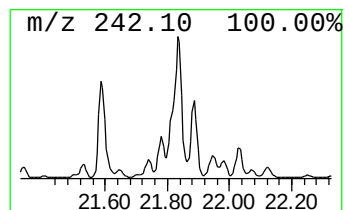
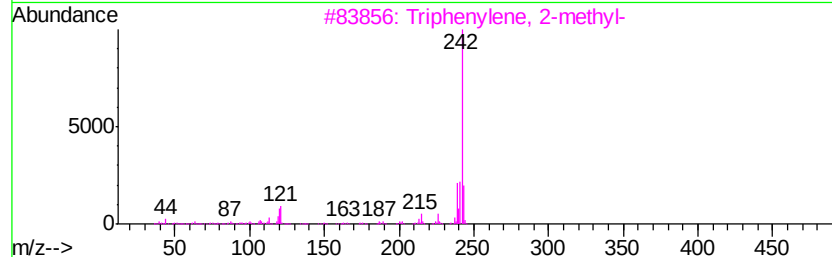
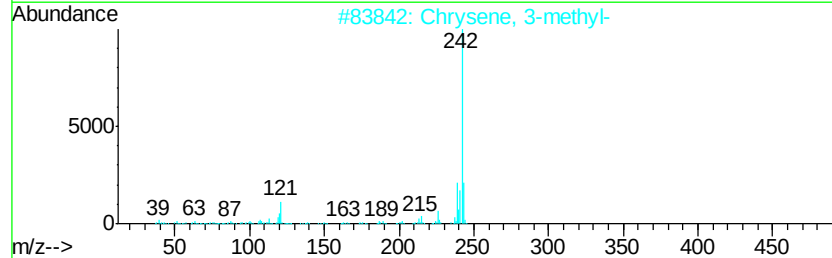
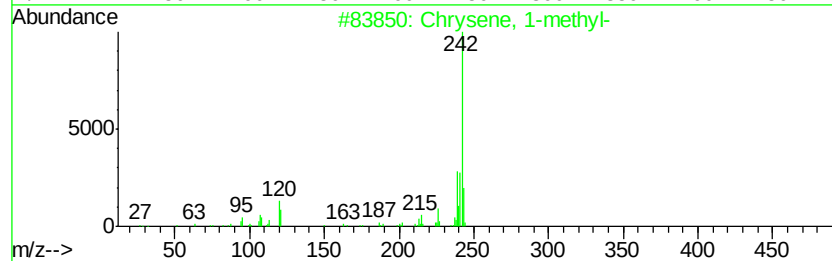
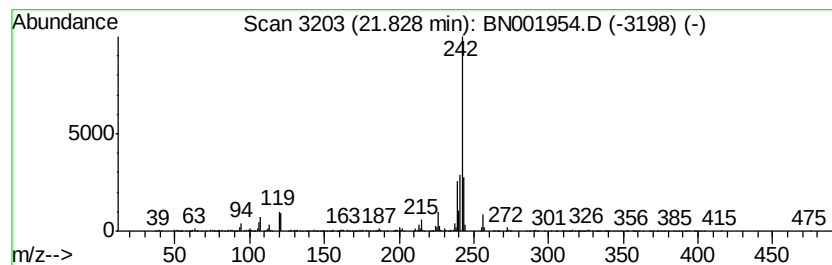
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Chrysene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.91 ng/ul	4551000	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2		Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5		Chrysene, 2-methyl-	242	C19H14	003351-32-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001954.D
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Sample : J3721-17 5X
Misc :
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Instrument :
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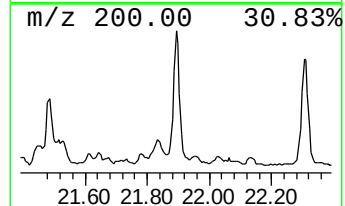
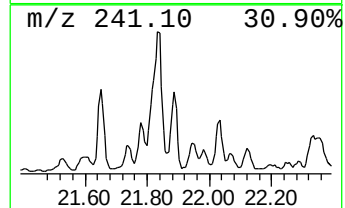
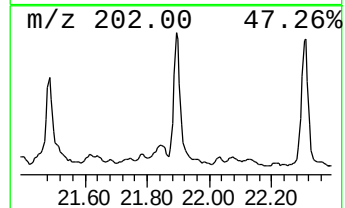
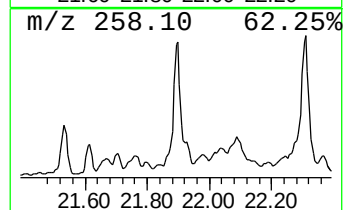
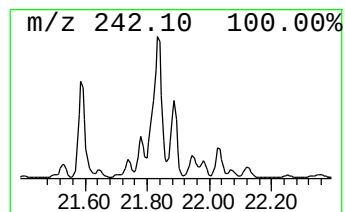
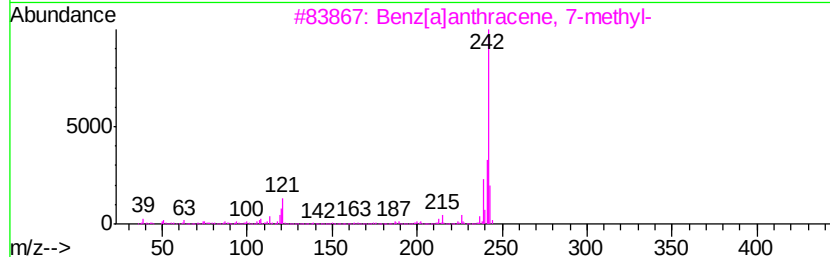
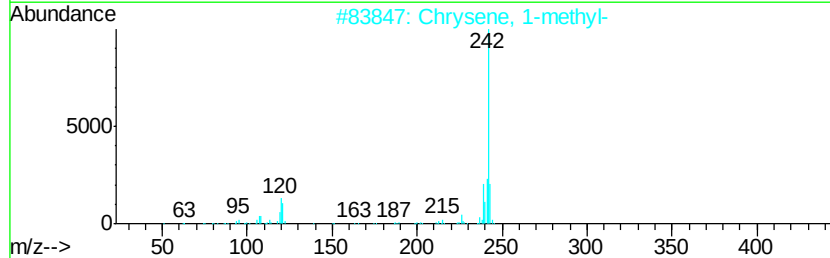
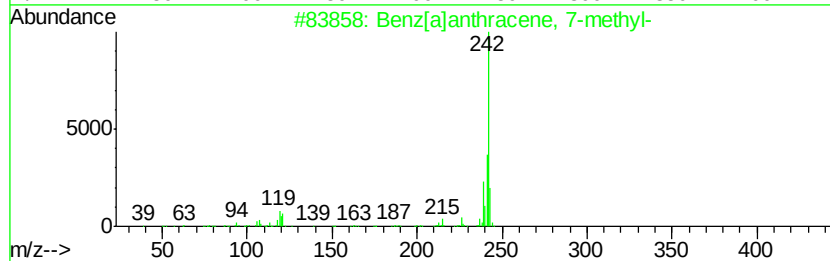
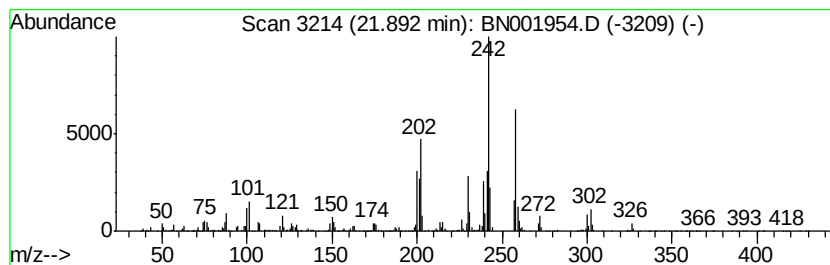
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.08 ng/ul	3248650	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	78
4			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	78
5			Chrysene, 6-methyl-	242	C19H14	003697-24-3	64



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Data File : BN001954.D
Acq On : 03 Jul 2018 21:24
Operator : JU/SJ
Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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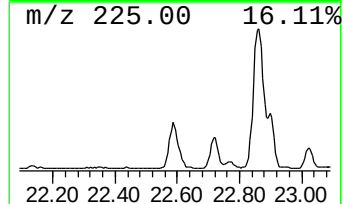
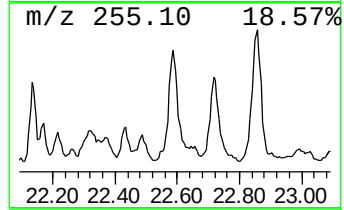
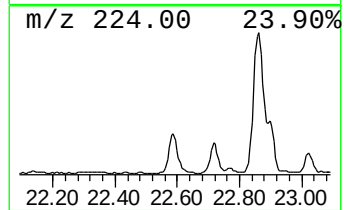
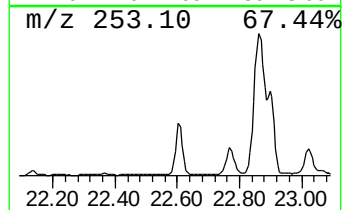
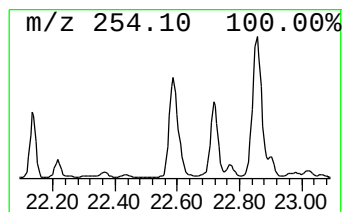
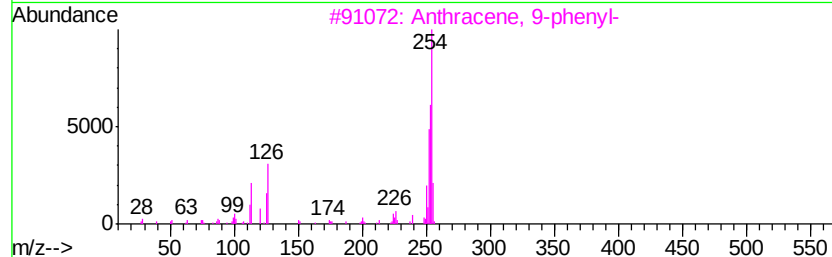
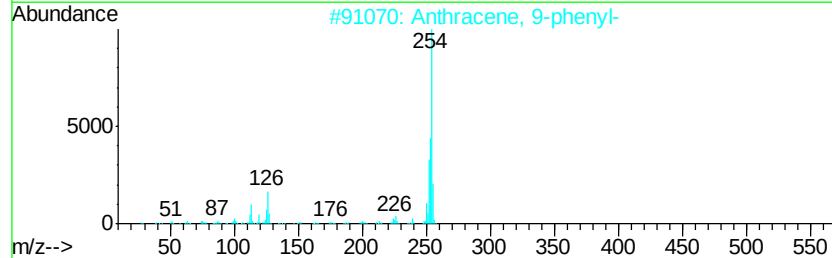
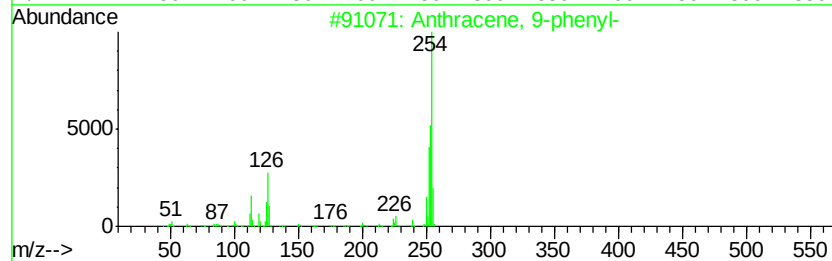
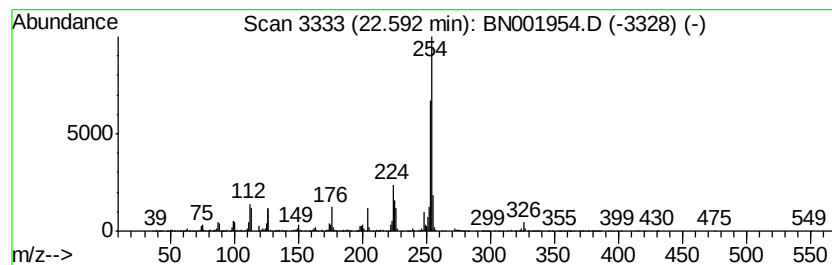
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthracene, 9-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	13.81 ng/ul	4970050	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
4		Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	64
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	62



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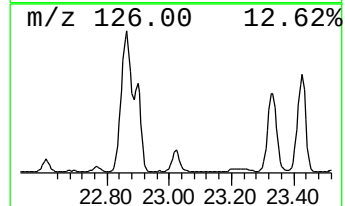
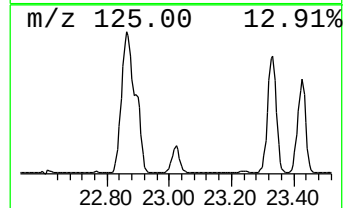
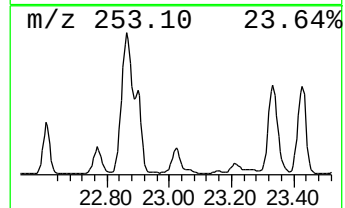
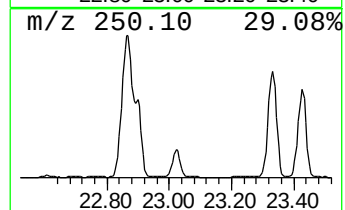
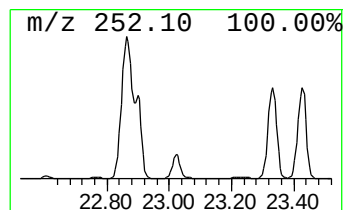
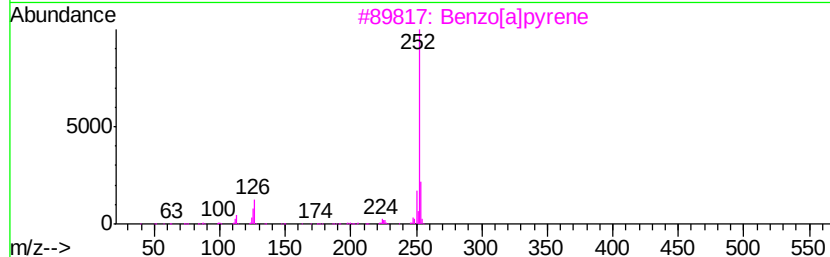
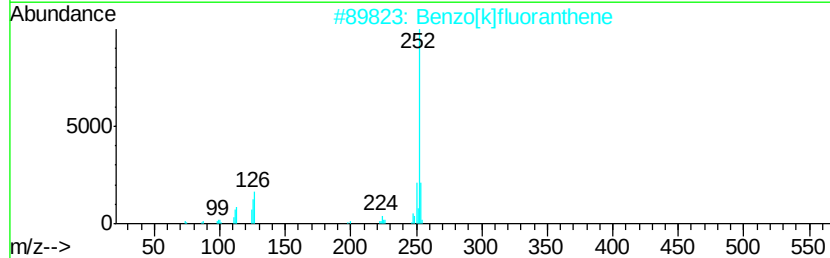
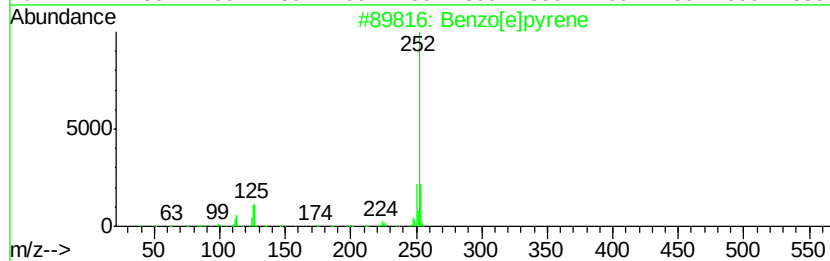
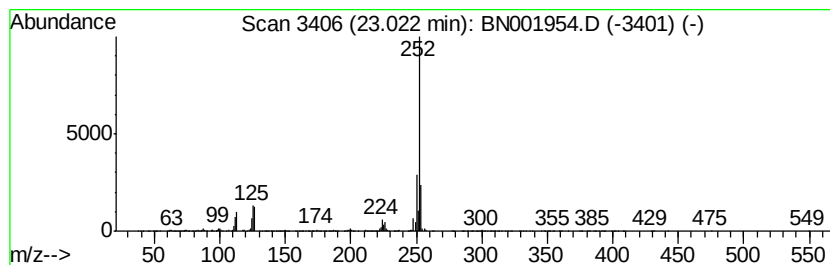
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	11.86 ng/ul	4271430	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



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Data File : BN001954.D
Acq On : 03 Jul 2018 21:24
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Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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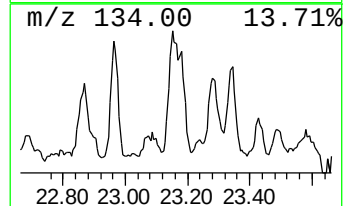
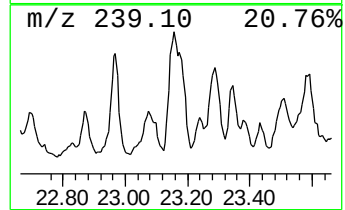
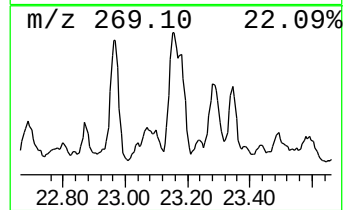
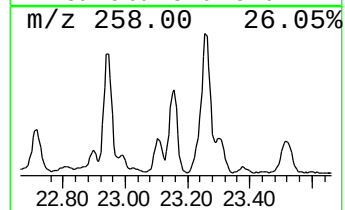
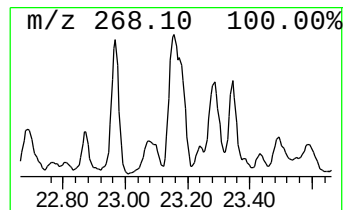
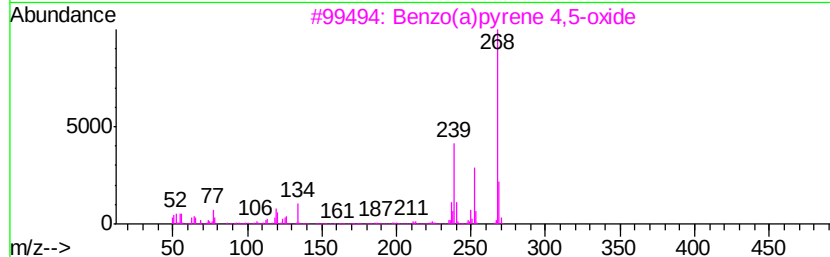
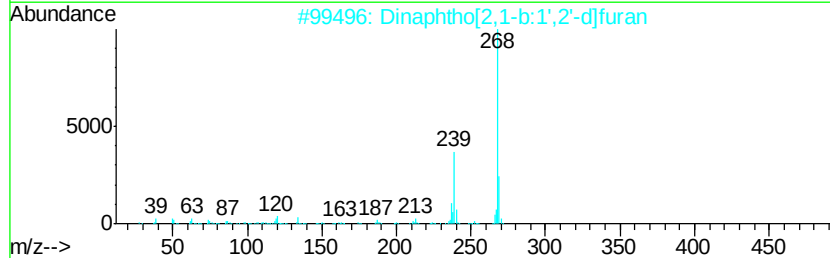
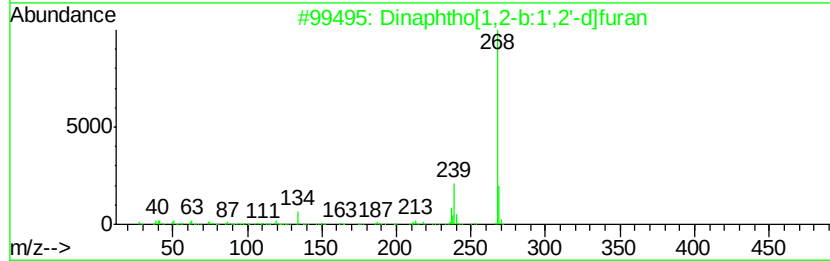
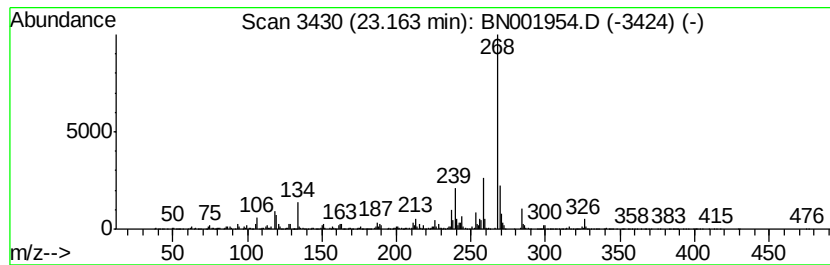
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	9.57 ng/ul	3444560	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	49



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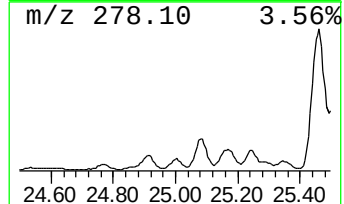
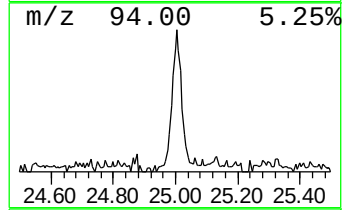
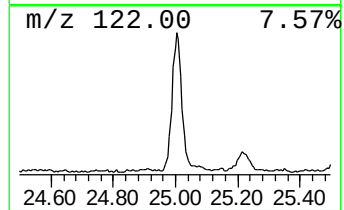
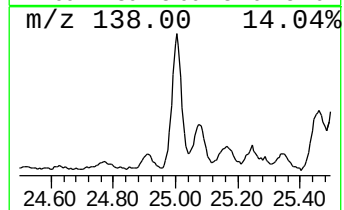
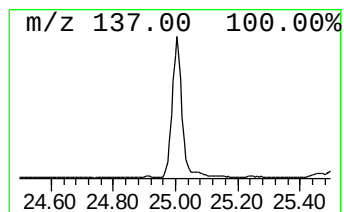
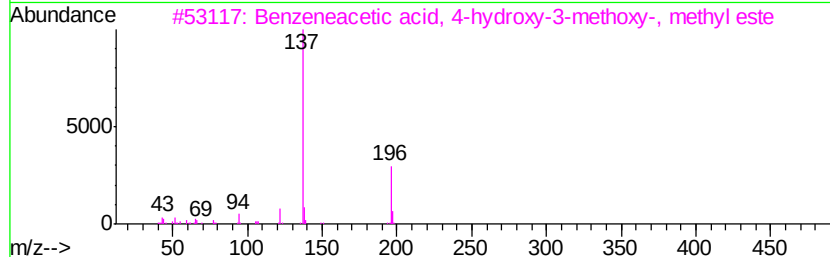
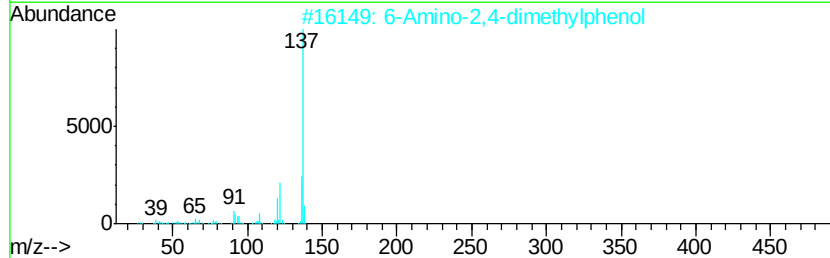
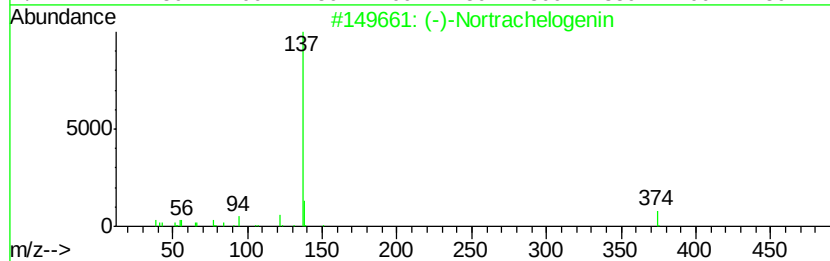
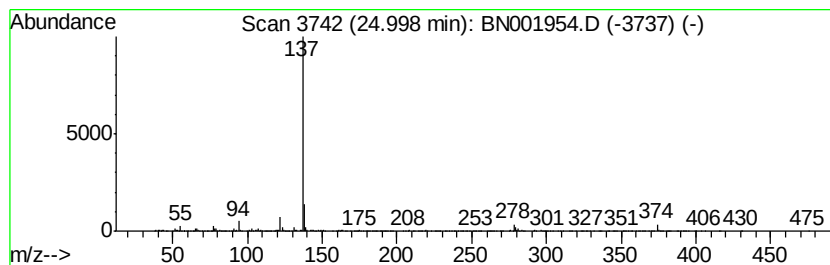
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (-)-Nortrachelogenin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	7.66 ng/ul	2756280	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Nortrachelogenin	374	C20H22O7	034444-37-6	90
2		6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	64
3		Benzeneacetic acid, 4-hydroxy-3-...	196	C10H12O4	015964-80-4	56
4		Capsaicin	305	C18H27NO3	000404-86-4	40
5		L-4-Hydroxy-3-methoxyphenylalanine	211	C10H13NO4	000300-48-1	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Sample : J3721-17 5X
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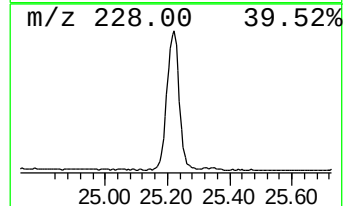
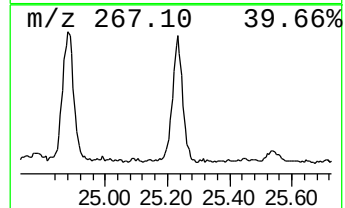
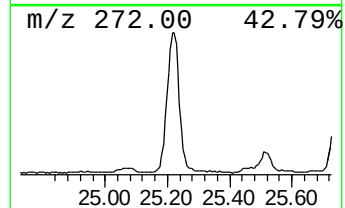
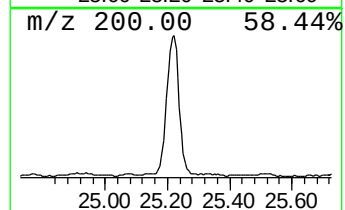
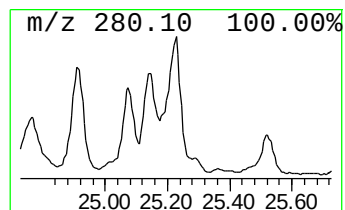
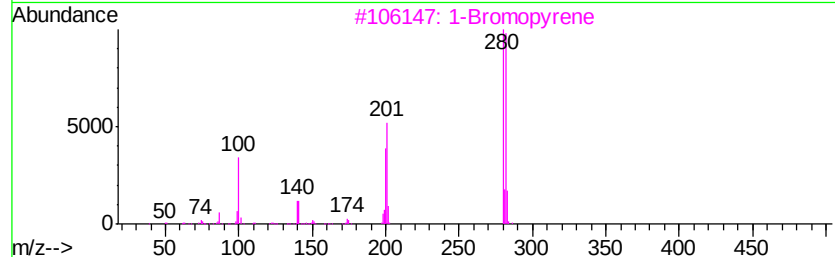
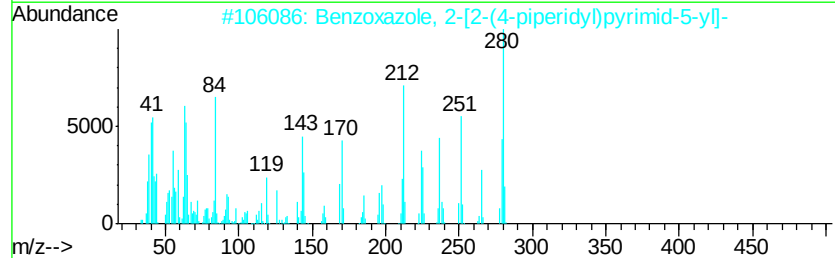
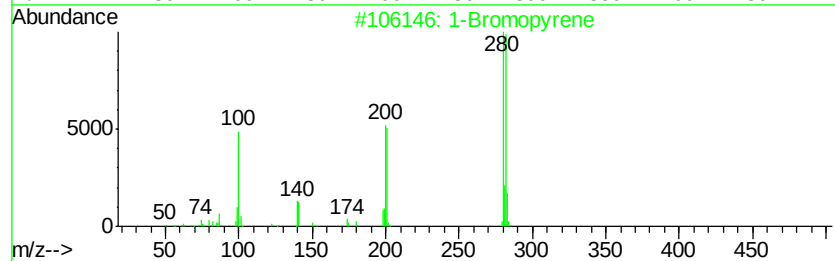
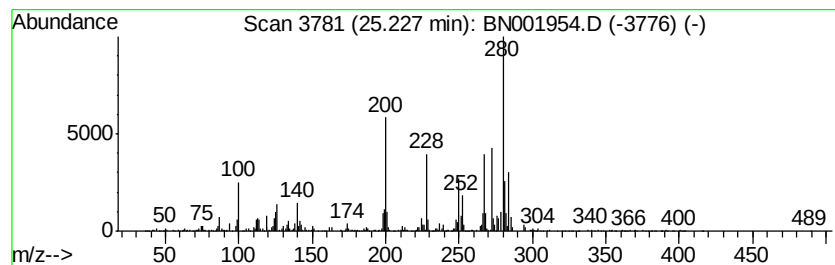
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ClientSampleId :
F1H12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 1-Bromopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.23	9.39 ng/ul	3381750	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Bromopyrene	280 C16H9Br	001714-29-0	38
2	Benzoxazole, 2-[2-(4-piperidyl)p...	280 C16H16N4O	1000294-14-8	35
3	1-Bromopyrene	280 C16H9Br	001714-29-0	30
4	Dibenzo(a,c)fluoren-13-one	280 C21H12O	063041-47-4	25
5	Pentacene, 6,13-dihydro-	280 C22H16	013579-08-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001954.D
Acq On : 03 Jul 2018 21:24
Operator : JU/SJ
Sample : J3721-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H12

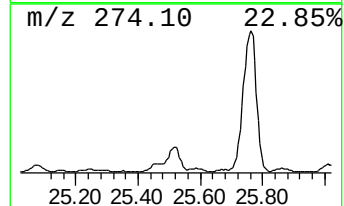
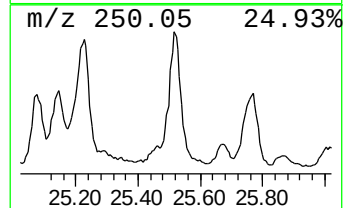
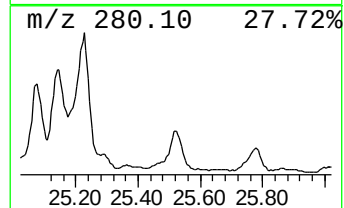
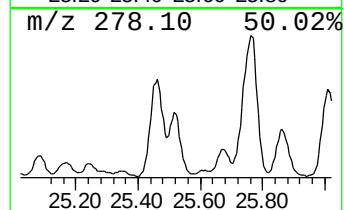
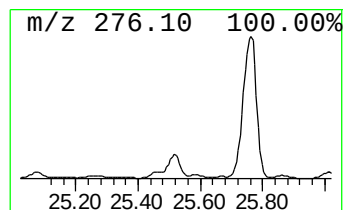
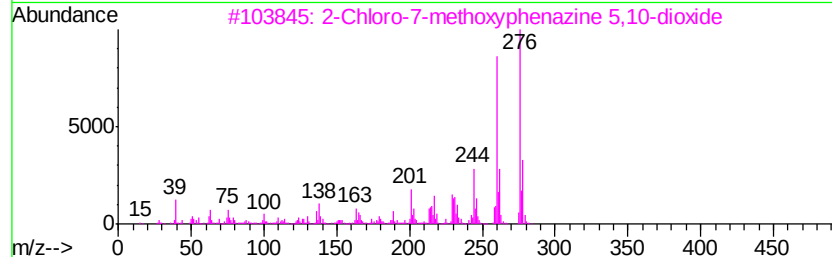
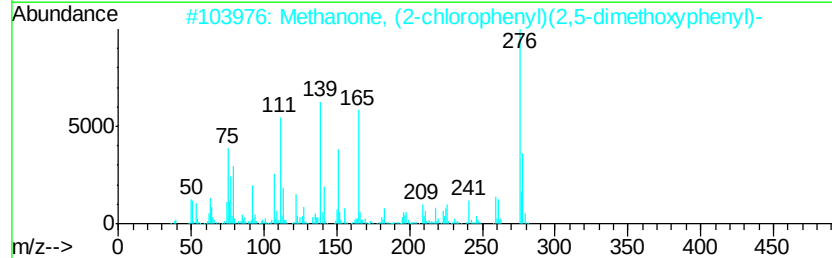
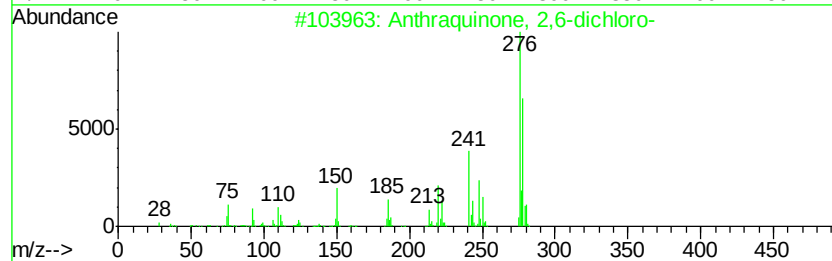
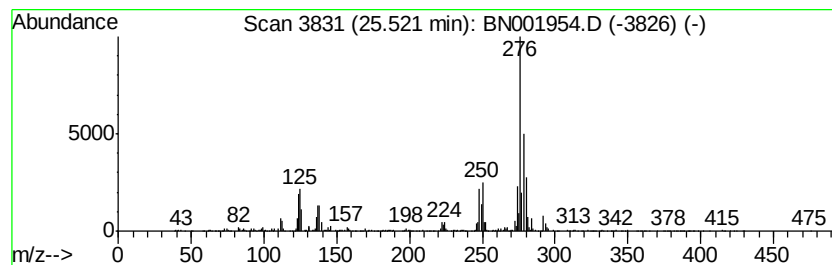
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Anthraquinone, 2,6-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.52	9.07 ng/ul	3263500	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	50
2		Methanone, (2-chlorophenyl)(2,5-...	276	C15H13ClO3	037883-94-6	46
3		2-Chloro-7-methoxyphenazine 5,10...	276	C13H9ClN2O3	023677-04-5	43
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	42
5		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001954.D
 Acq On : 03 Jul 2018 21:24
 Operator : JU/SJ
 Sample : J3721-17 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	4.5	ng/ul	956840	1	7.71	4206500	20.0
4H-Cyclopenta[def...	18.16	2.6	ng/ul	1129030	4	17.09	8507100	20.0
Phenanthrene, 2,5...	18.88	2.5	ng/ul	1056990	4	17.09	8507100	20.0
Cyclopenta(def)ph...	19.02	5.5	ng/ul	2345250	4	17.09	8507100	20.0
Pyrene, 1-methyl-	19.85	3.2	ng/ul	5056330	5	21.29	31306600	20.0
11H-Benzo[a]fluor...	20.76	2.9	ng/ul	4597670	5	21.29	31306600	20.0
Benzo[b]naphtho[2...	20.93	3.5	ng/ul	5489690	5	21.29	31306600	20.0
Benzo[c]phenanthrene	20.97	2.6	ng/ul	4088910	5	21.29	31306600	20.0
Cyclopenta[cd]pyrene	21.00	3.6	ng/ul	5647300	5	21.29	31306600	20.0
Naphtho[2,1,8,7-k...	21.59	2.0	ng/ul	3155760	5	21.29	31306600	20.0
Chrysene, 1-methyl-	21.83	2.9	ng/ul	4551000	5	21.29	31306600	20.0
Benz[a]anthracene...	21.89	2.1	ng/ul	3248650	5	21.29	31306600	20.0
Anthracene, 9-phe...	22.59	13.8	ng/ul	4970050	6	23.52	7200180	20.0
Benzo[e]pyrene	23.02	11.9	ng/ul	4271430	6	23.52	7200180	20.0
Dinaphtho[1,2-b:1...	23.16	9.6	ng/ul	3444560	6	23.52	7200180	20.0
(-)-Nortrachelogenin	25.00	7.7	ng/ul	2756280	6	23.52	7200180	20.0
1-Bromopyrene	25.23	9.4	ng/ul	3381750	6	23.52	7200180	20.0
Anthraquinone, 2,...	25.52	9.1	ng/ul	3263500	6	23.52	7200180	20.0