

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006025.D
 Acq On : 02 Jun 2019 10:42
 Operator : JU/SJ
 Sample : K2928-03DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B8DL

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-BN052819MA.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	6.895	630	636	645	rBV	226929	392570	2.83%	0.251%
2	7.060	658	664	672	rBV	185052	294370	2.12%	0.188%
3	7.260	691	698	704	rBV	240429	385736	2.78%	0.247%
4	7.724	769	777	786	rBV	1979582	3220596	23.23%	2.062%
5	8.430	888	897	906	rBV	250837	418758	3.02%	0.268%
6	8.883	967	974	984	rBV	204082	363888	2.62%	0.233%
7	9.601	1089	1096	1108	rBV	158310	280605	2.02%	0.180%
8	10.142	1181	1188	1199	rBV	246948	442679	3.19%	0.283%
9	10.518	1244	1252	1257	rBV	2740083	4627022	33.37%	2.963%
10	10.565	1257	1260	1267	rVV	327356	515931	3.72%	0.330%
11	10.659	1270	1276	1289	rVB3	72392	194331	1.40%	0.124%
12	12.189	1528	1536	1546	rBV	137064	241731	1.74%	0.155%
13	12.406	1565	1573	1584	rBV	123033	208108	1.50%	0.133%
14	13.700	1787	1793	1798	rVV	110773	194746	1.40%	0.125%
15	13.789	1804	1808	1812	rVV	491459	677279	4.88%	0.434%
16	13.836	1812	1816	1824	rVB	194799	271271	1.96%	0.174%
17	14.071	1849	1856	1870	rVV	565671	991665	7.15%	0.635%
18	14.383	1899	1909	1915	rBV2	3777318	5882337	42.42%	3.766%
19	14.447	1915	1920	1927	rVB	767668	1135004	8.19%	0.727%
20	14.589	1938	1944	1948	rBV	136823	245889	1.77%	0.157%
21	14.636	1948	1952	1959	rBV	788006	1177771	8.49%	0.754%
22	14.783	1971	1977	1985	rVB	473468	741116	5.35%	0.475%
23	15.377	2069	2078	2083	rVV2	740550	1480327	10.68%	0.948%
24	15.436	2083	2088	2098	rVV	984638	1484547	10.71%	0.951%
25	15.530	2098	2104	2106	rVV2	79241	138076	1.00%	0.088%
26	15.559	2106	2109	2112	rVV	121402	171724	1.24%	0.110%
27	15.600	2112	2116	2120	rVV2	151375	238148	1.72%	0.152%
28	15.683	2127	2130	2134	rVV2	91918	145864	1.05%	0.093%
29	15.730	2134	2138	2147	rVB	206350	325658	2.35%	0.209%
30	15.877	2158	2163	2171	rVV	216702	450025	3.25%	0.288%
31	16.112	2194	2203	2208	rVB3	120749	225701	1.63%	0.145%
32	16.441	2248	2259	2264	rBV3	211628	507894	3.66%	0.325%
33	16.489	2264	2267	2273	rVB2	105194	154030	1.11%	0.099%
34	16.594	2279	2285	2290	rVB2	93375	169119	1.22%	0.108%

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35	16.794	2314	2319	2326	rVB	278072	443238	3.20%	0.284%
36	16.871	2326	2332	2334	rBV2	135927	220666	1.59%	0.141%
37	16.953	2342	2346	2356	rVB	539001	814290	5.87%	0.521%
38	17.141	2371	2378	2381	rBV2	3868997	5997732	43.26%	3.840%
39	17.183	2381	2385	2390	rVV	9011325	12970990	93.55%	8.305%
40	17.236	2390	2394	2396	rVV2	809523	1101765	7.95%	0.705%
41	17.271	2396	2400	2406	rVV	2344398	3418402	24.65%	2.189%
42	17.330	2406	2410	2416	rVV	298368	464171	3.35%	0.297%
43	17.541	2436	2446	2459	rBV2	1066867	2052718	14.80%	1.314%
44	17.659	2461	2466	2470	rVV3	188278	298740	2.15%	0.191%
45	17.718	2472	2476	2485	rVB4	165613	322143	2.32%	0.206%
46	17.859	2496	2500	2509	rVB	103073	218256	1.57%	0.140%
47	18.018	2517	2527	2531	rBV	1037837	1652673	11.92%	1.058%
48	18.065	2531	2535	2541	rVV	1449950	1985409	14.32%	1.271%
49	18.147	2543	2549	2554	rVB	497768	725904	5.24%	0.465%
50	18.218	2554	2561	2564	rBV3	1703877	3041582	21.94%	1.947%
51	18.247	2564	2566	2572	rVB	643009	799474	5.77%	0.512%
52	18.324	2575	2579	2583	rBV4	95937	150835	1.09%	0.097%
53	18.365	2583	2586	2590	rVV2	134501	172461	1.24%	0.110%
54	18.524	2608	2613	2616	rVV	726594	1000264	7.21%	0.640%
55	18.565	2616	2620	2625	rVB	582013	821408	5.92%	0.526%
56	18.771	2651	2655	2658	rVV2	204554	256242	1.85%	0.164%
57	18.818	2660	2663	2667	rVV	176872	223359	1.61%	0.143%
58	18.859	2667	2670	2674	rVB	163542	197530	1.42%	0.126%
59	18.941	2679	2684	2690	rBV2	395585	801761	5.78%	0.513%
60	19.006	2692	2695	2698	rVV2	267556	422509	3.05%	0.271%
61	19.035	2698	2700	2703	rVV	163461	174506	1.26%	0.112%
62	19.083	2704	2708	2717	rVB2	352527	643830	4.64%	0.412%
63	19.212	2724	2730	2737	rBV	10034056	13865490	100.00%	8.878%
64	19.277	2737	2741	2743	rBV	120762	149187	1.08%	0.096%
65	19.306	2743	2746	2751	rVB	242588	303753	2.19%	0.194%
66	19.406	2758	2763	2766	rBV4	149808	290273	2.09%	0.186%
67	19.453	2768	2771	2775	rVB	210602	247923	1.79%	0.159%
68	19.547	2781	2787	2789	rBV3	2518281	3941526	28.43%	2.524%
69	19.577	2789	2792	2800	rVV	8141519	10698810	77.16%	6.850%
70	19.647	2800	2804	2812	rVB2	432642	654581	4.72%	0.419%
71	19.753	2818	2822	2827	rBV	488858	660522	4.76%	0.423%

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72	19.818	2829	2833	2838	rVB	493269	692593	5.00%	0.443%
73	19.900	2842	2847	2848	rBV2	509037	732195	5.28%	0.469%
74	19.959	2854	2857	2860	rVB	181929	201402	1.45%	0.129%
75	20.041	2865	2871	2873	rVV3	346544	677342	4.89%	0.434%
76	20.077	2873	2877	2883	rVB2	1484347	2055254	14.82%	1.316%
77	20.177	2889	2894	2898	rBV	1364786	1766600	12.74%	1.131%
78	20.235	2898	2904	2908	rVV2	767168	1356382	9.78%	0.868%
79	20.271	2908	2910	2914	rVB2	284164	335253	2.42%	0.215%
80	20.318	2915	2918	2923	rVB3	157720	208033	1.50%	0.133%
81	20.377	2924	2928	2932	rBV2	365584	481594	3.47%	0.308%
82	20.424	2932	2936	2940	rVV	372805	524570	3.78%	0.336%
83	20.535	2953	2955	2960	rVB3	219692	288430	2.08%	0.185%
84	20.829	3002	3005	3011	rVB	465564	693920	5.00%	0.444%
85	21.000	3029	3034	3037	rBV3	571998	870945	6.28%	0.558%
86	21.035	3037	3040	3043	rVV	701288	854628	6.16%	0.547%
87	21.077	3043	3047	3052	rVV3	726569	1370860	9.89%	0.878%
88	21.129	3053	3056	3068	rVB2	555918	887995	6.40%	0.569%
89	21.312	3084	3087	3088	rBV	278044	284790	2.05%	0.182%
90	21.347	3088	3093	3098	rVV3	5387884	11110791	80.13%	7.114%
91	21.394	3098	3101	3110	rVB	3656232	4931247	35.56%	3.157%
92	21.512	3118	3121	3127	rBV	874536	1249379	9.01%	0.800%
93	21.676	3145	3149	3154	rVB2	554812	835753	6.03%	0.535%
94	21.918	3187	3190	3194	rVB	564602	708039	5.11%	0.453%
95	22.965	3362	3368	3373	rBV	2691097	6578121	47.44%	4.212%
96	23.135	3393	3397	3404	rVB	578301	922124	6.65%	0.590%
97	23.453	3446	3451	3456	rBV	1331701	2335378	16.84%	1.495%
98	23.547	3461	3467	3474	rVB	2510181	5302339	38.24%	3.395%
99	23.647	3478	3484	3489	rBV	2067934	3980914	28.71%	2.549%
100	25.953	3870	3876	3886	rVB2	1204658	3344388	24.12%	2.141%

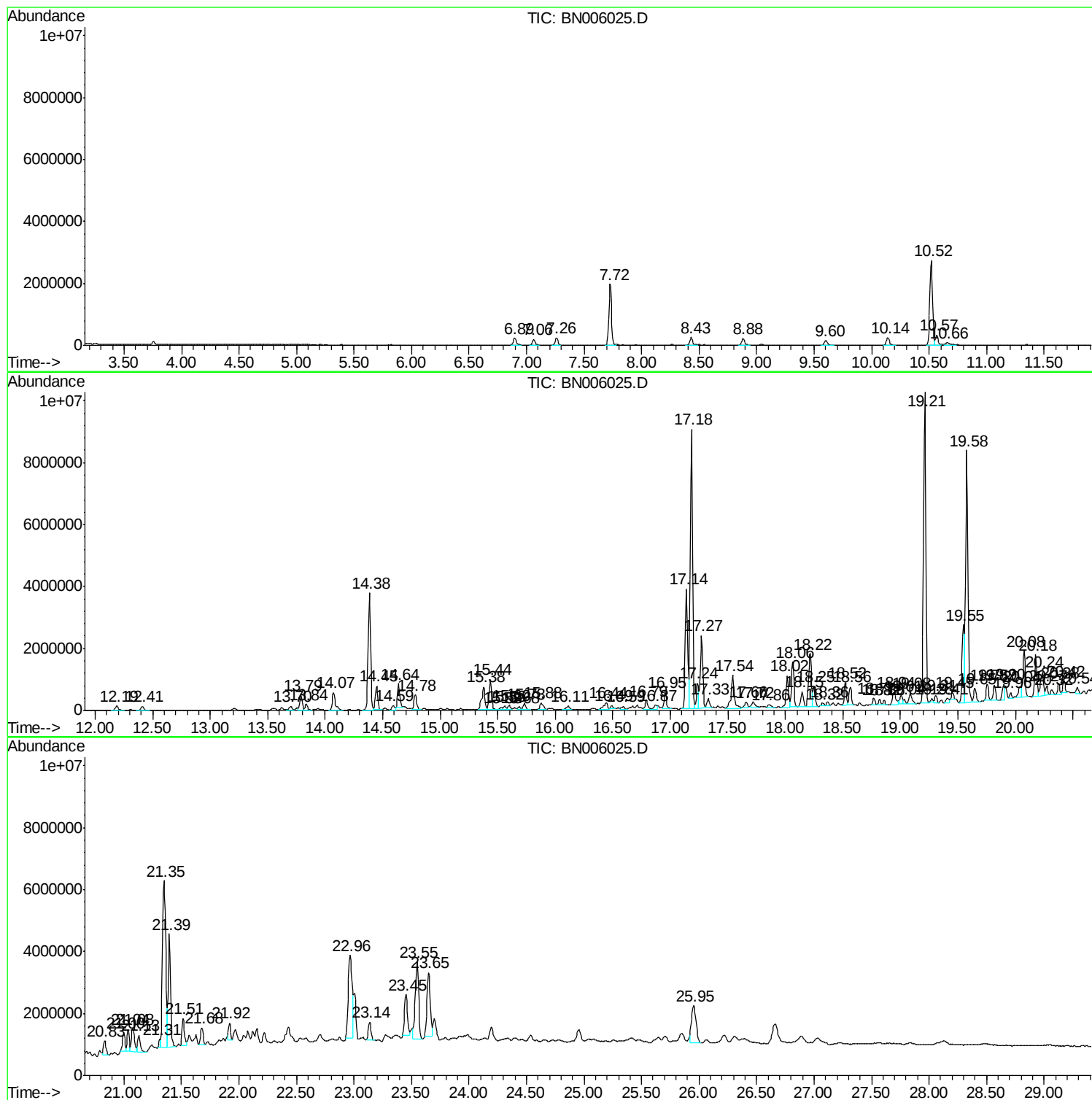
Sum of corrected areas: 156180698

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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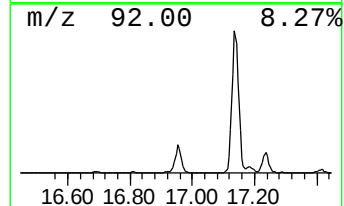
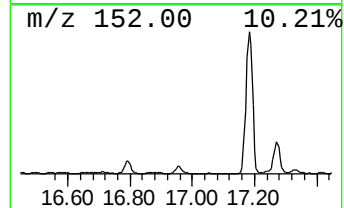
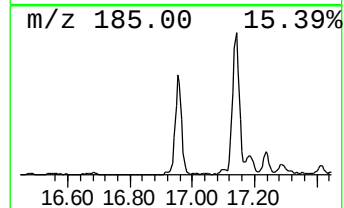
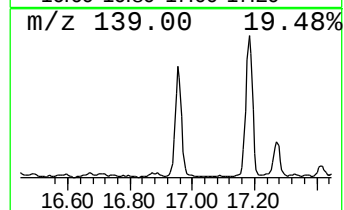
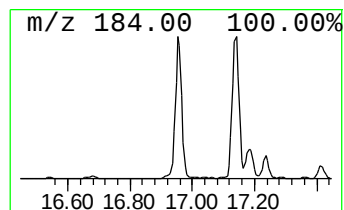
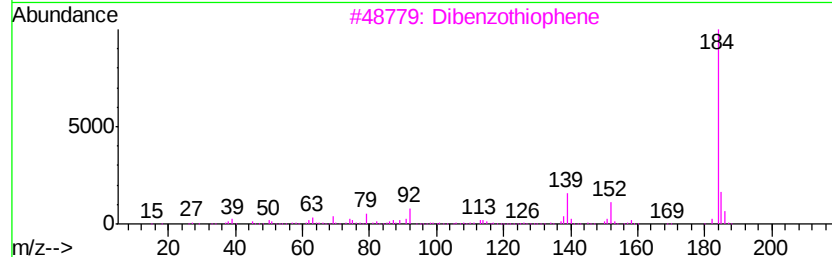
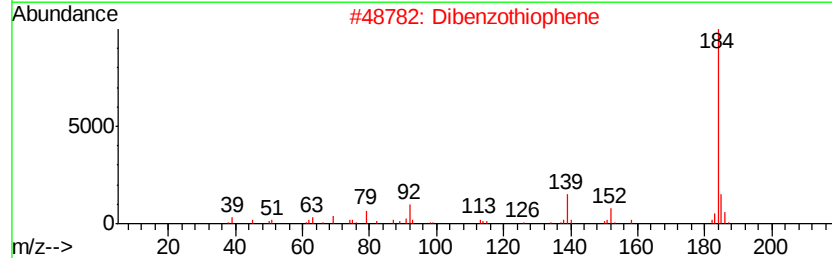
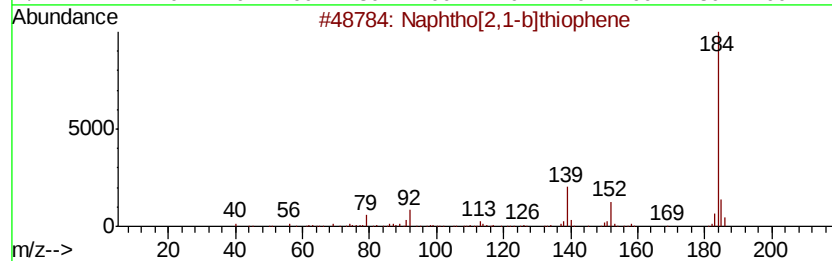
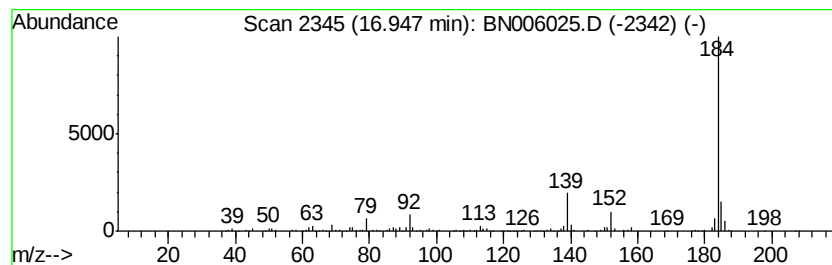
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphtho[2,1-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.72 ng/ul	814290	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	96
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Dibenzothiophene	184	C12H8S	000132-65-0	95



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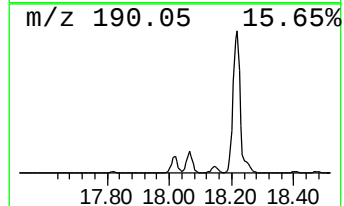
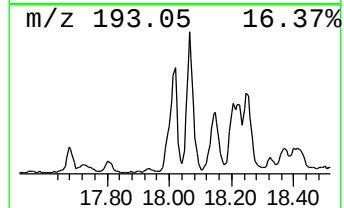
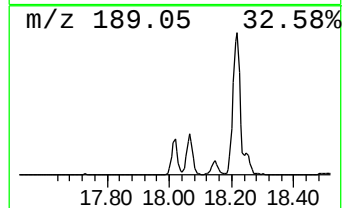
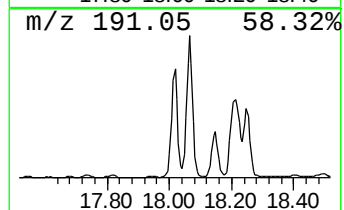
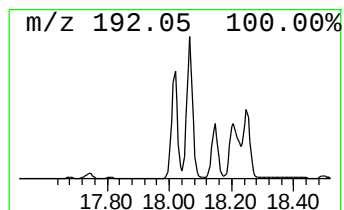
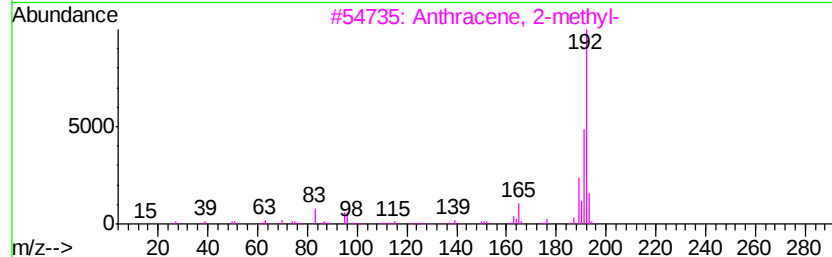
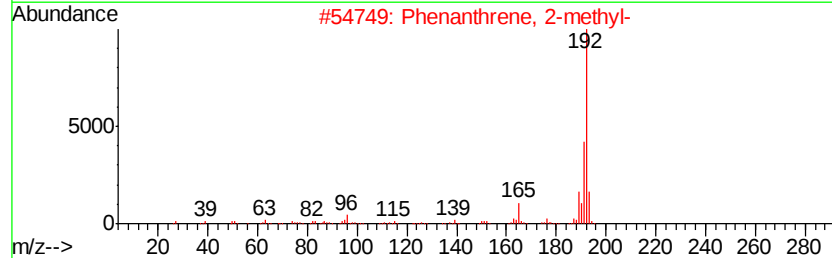
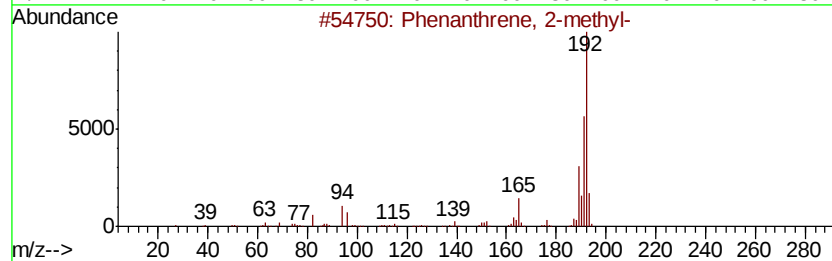
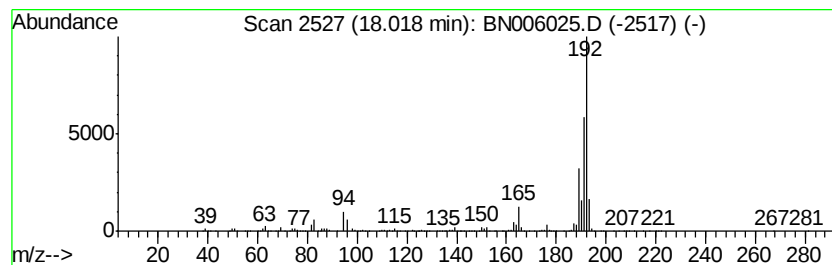
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.51 ng/ul	1652670	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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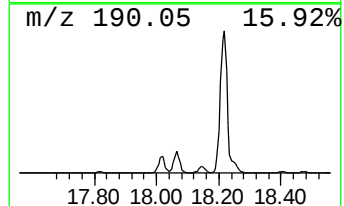
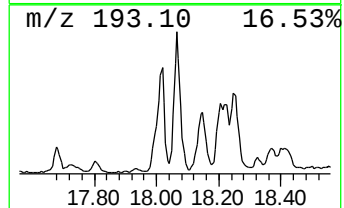
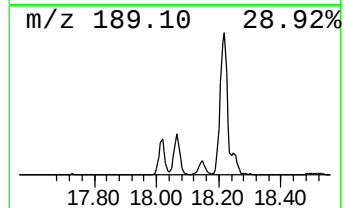
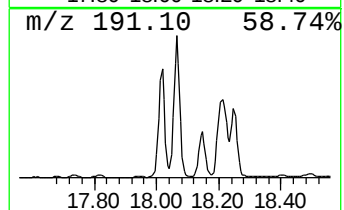
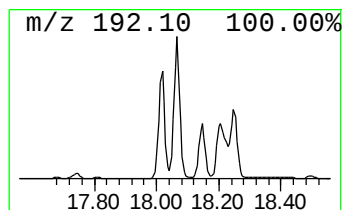
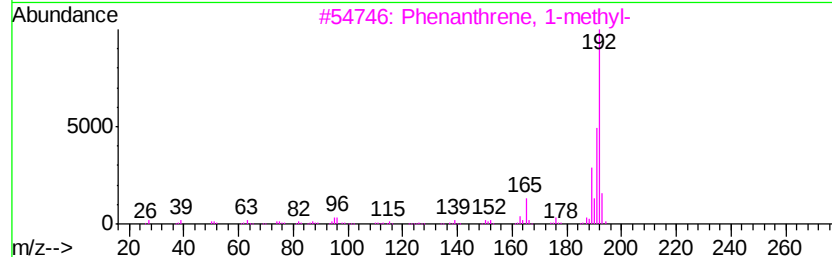
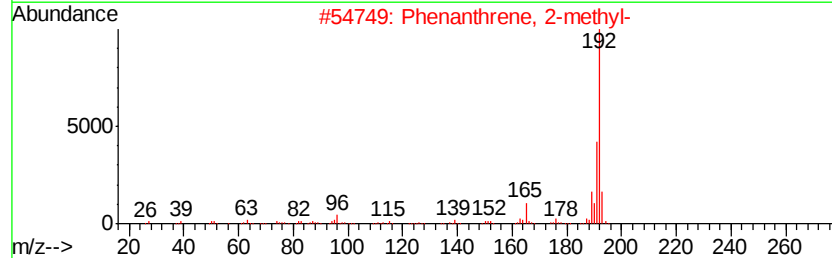
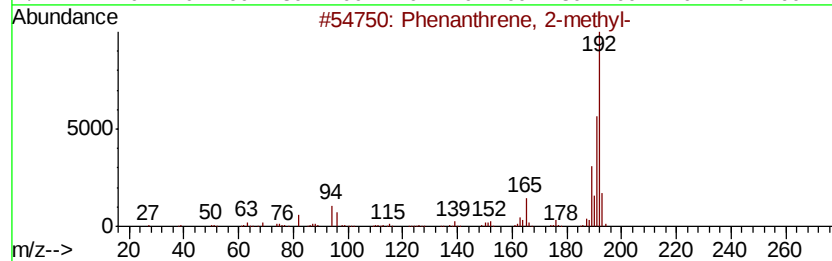
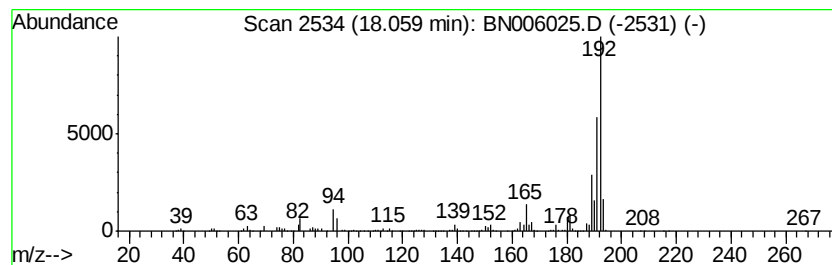
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	6.62 ng/ul	1985410	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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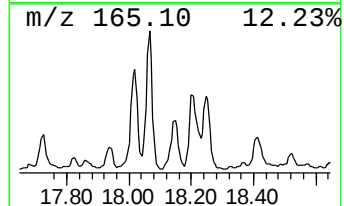
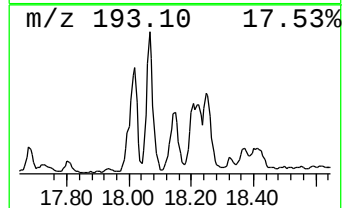
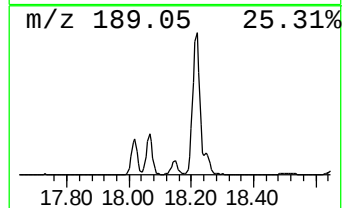
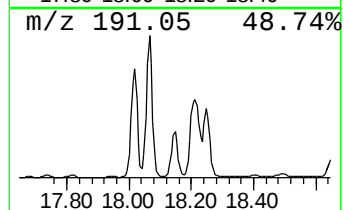
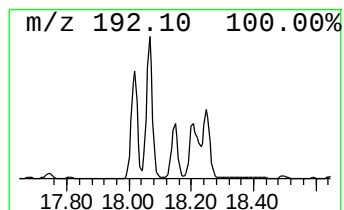
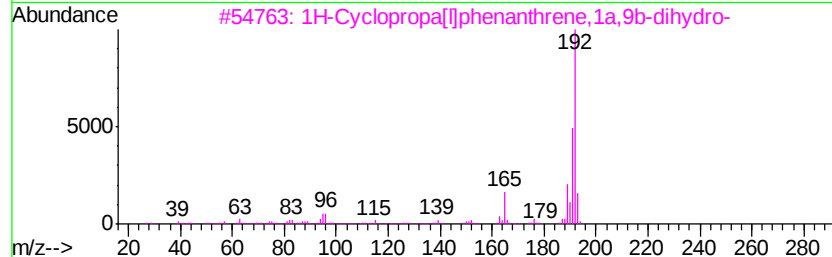
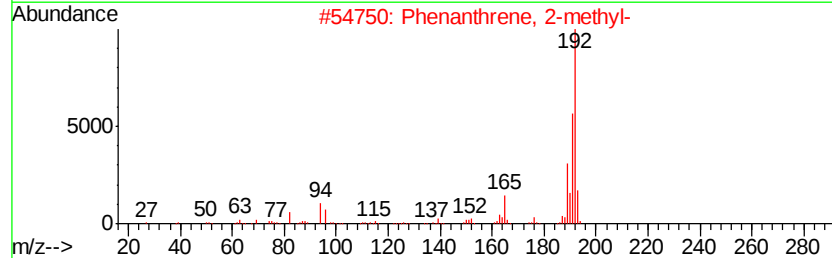
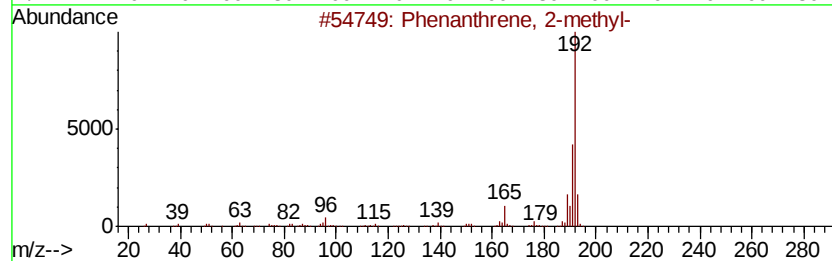
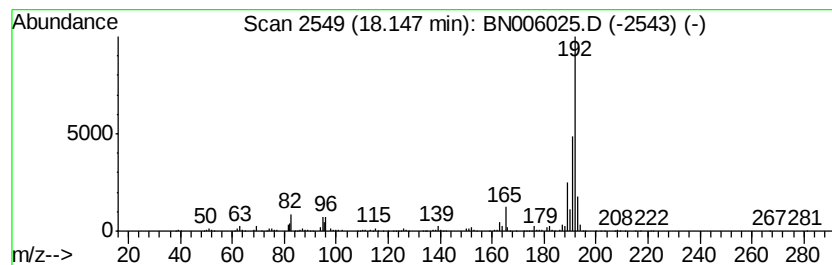
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.42 ng/ul	725904	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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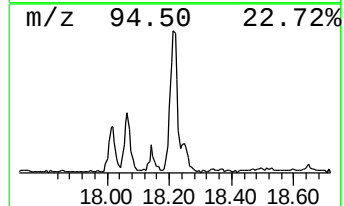
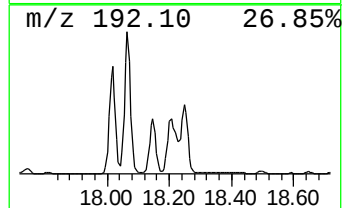
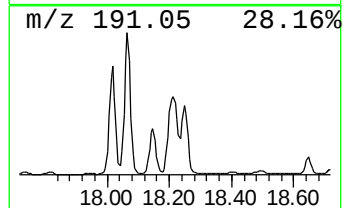
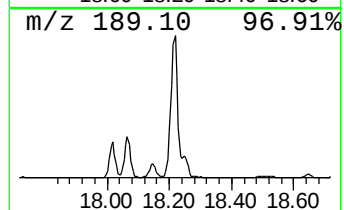
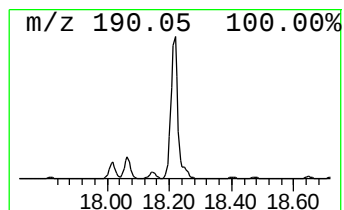
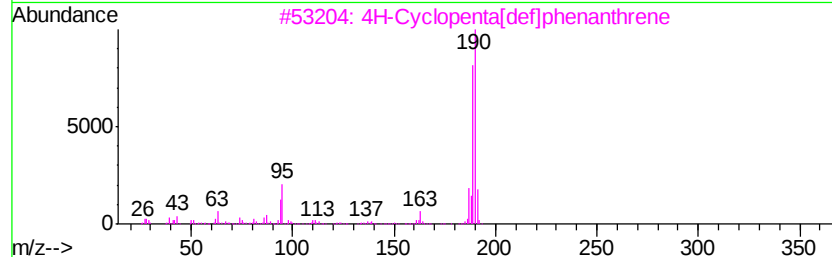
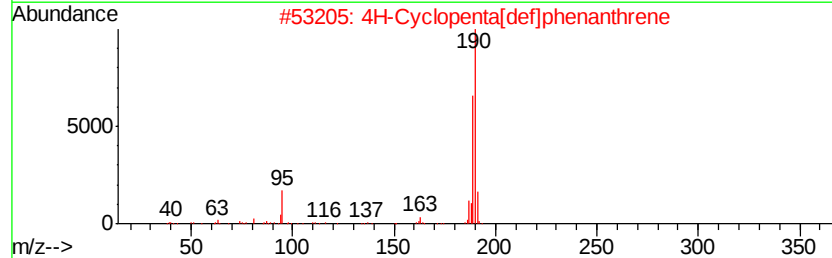
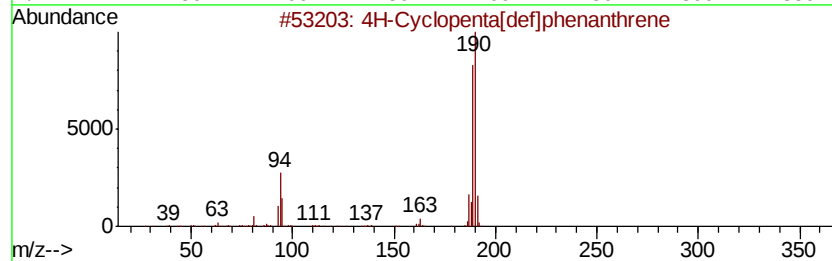
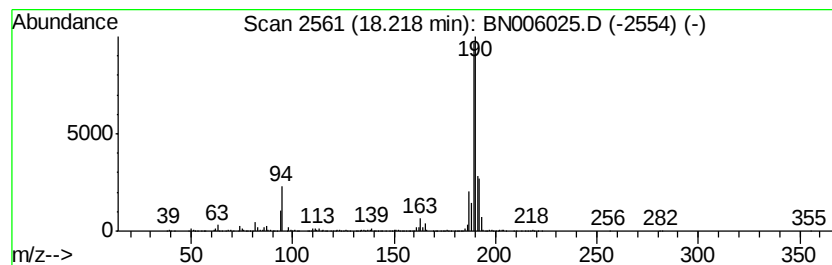
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	10.14 ng/ul	3041580	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	64
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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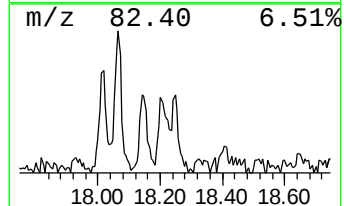
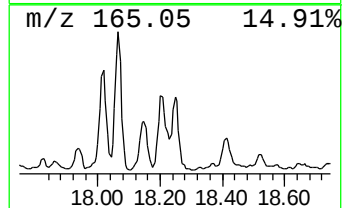
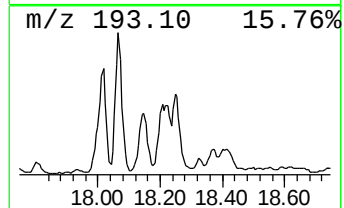
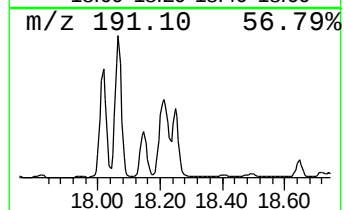
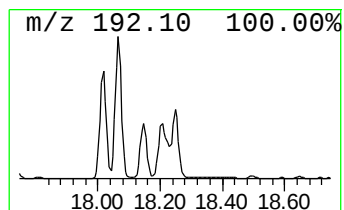
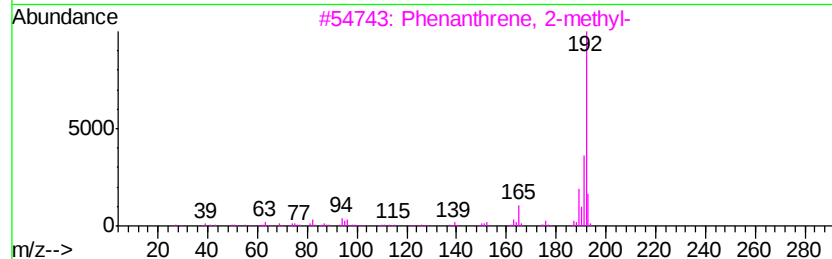
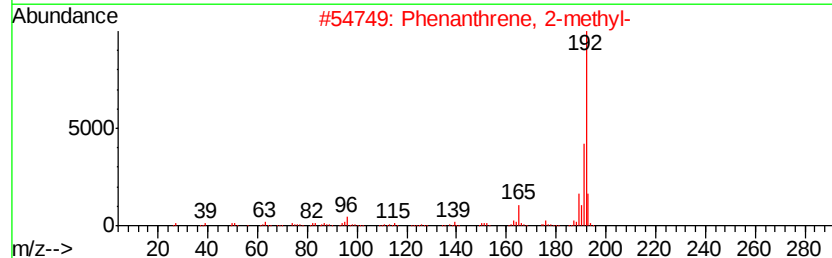
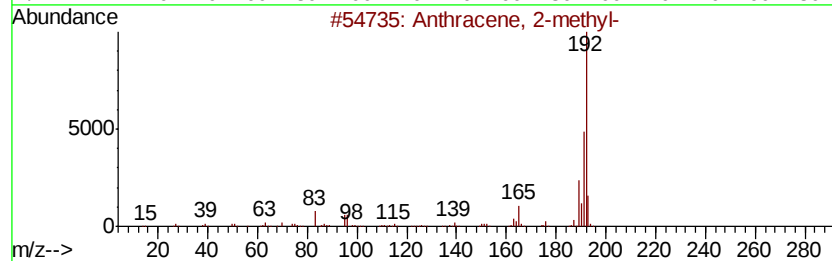
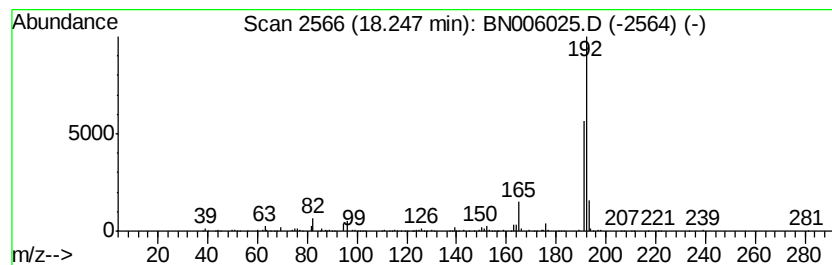
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.67 ng/ul	799474	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
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Sample : K2928-03DL 10X
Misc :
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ClientSampleId :
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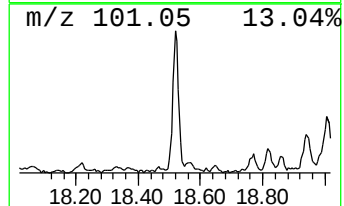
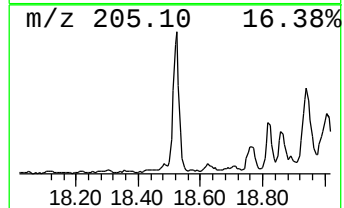
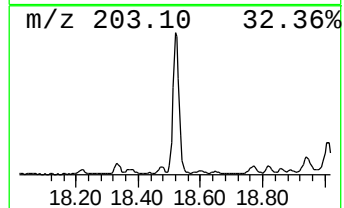
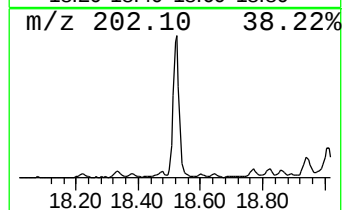
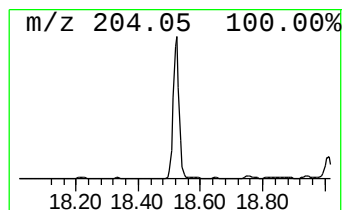
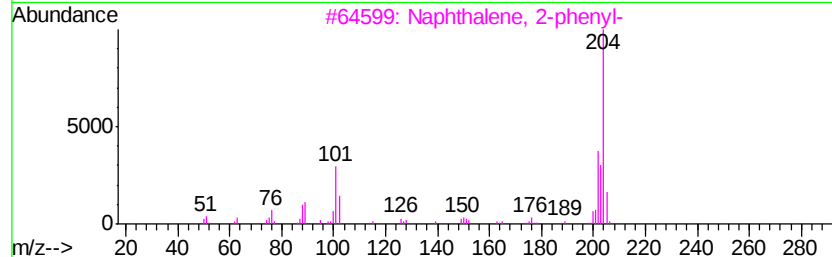
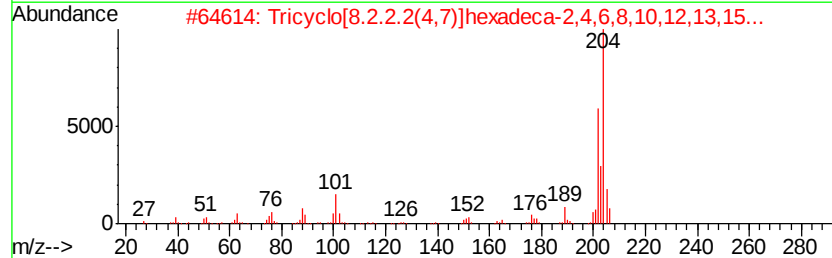
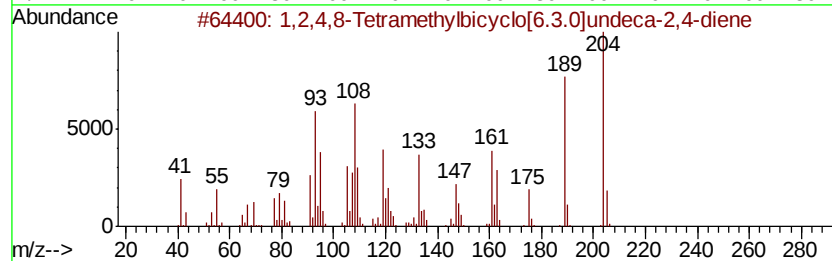
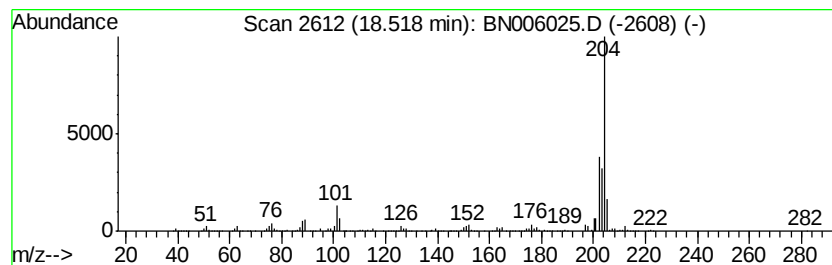
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.34 ng/ul	1000260	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24		137235-51-9	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8,10,12,13,15-octaene	204	C16H12		006572-60-7	90
3	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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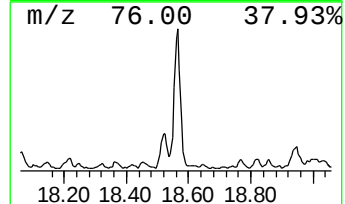
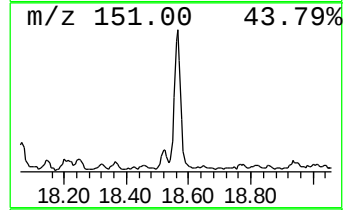
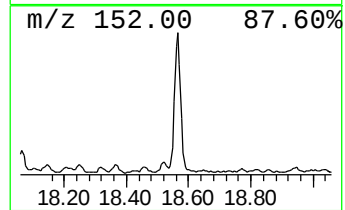
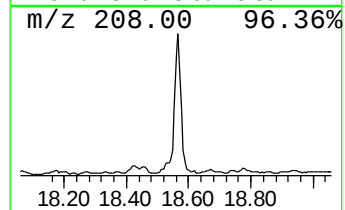
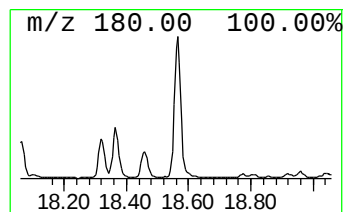
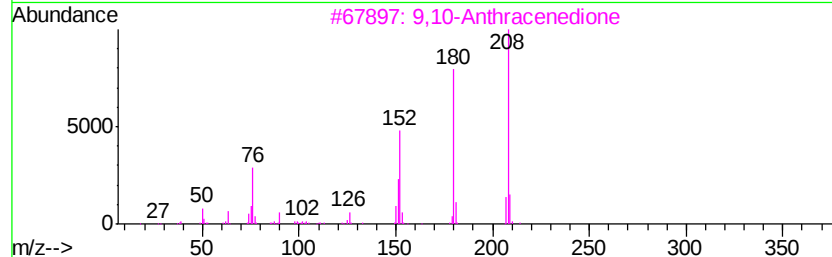
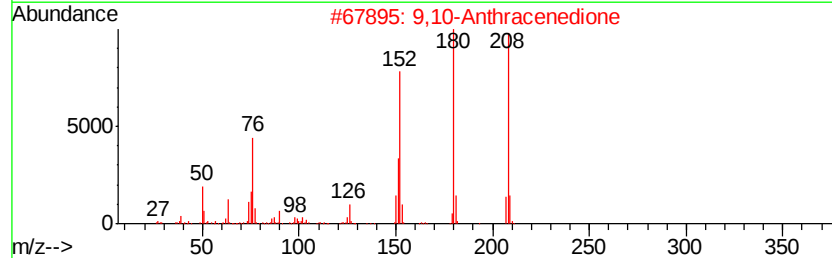
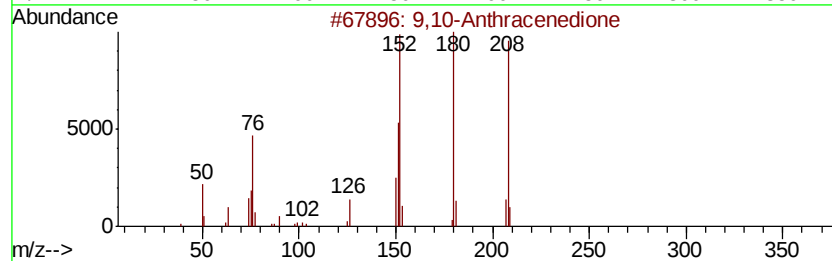
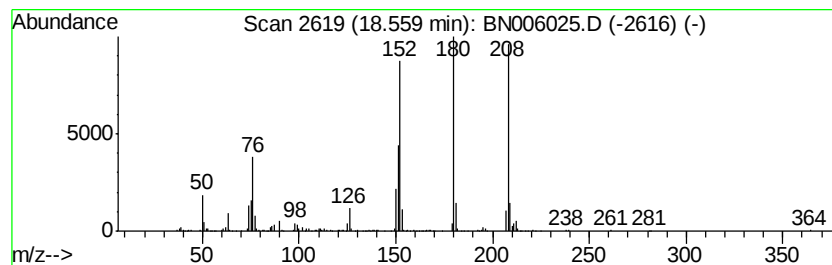
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.74 ng/ul	821408	Phenanthrene-d10	17.14

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	97
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
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Misc :
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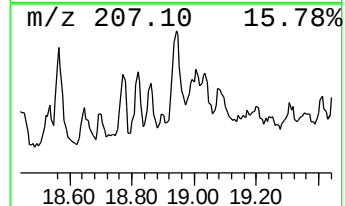
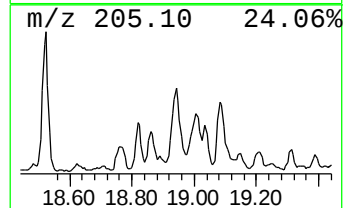
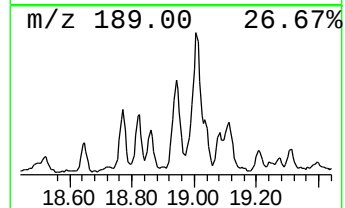
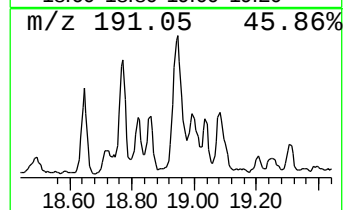
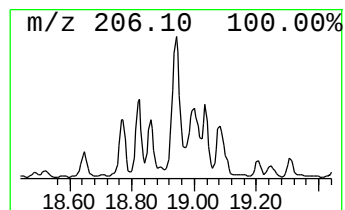
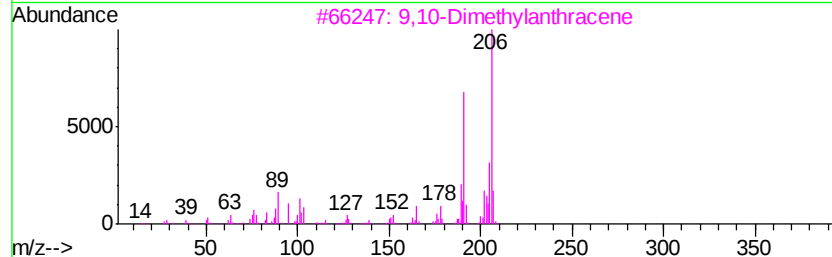
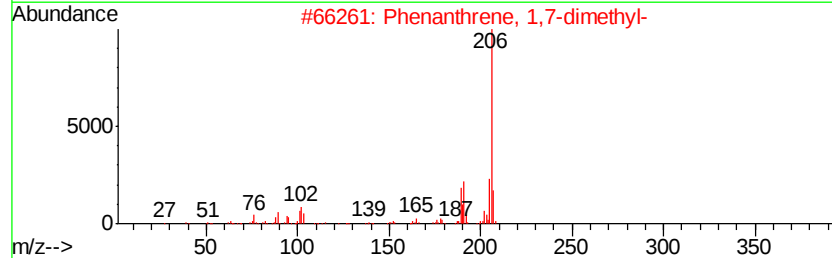
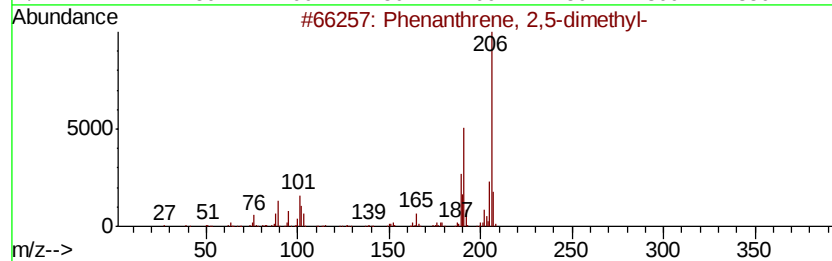
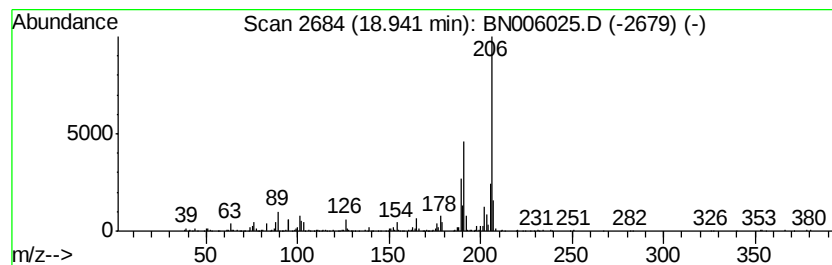
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.67 ng/ul	801761	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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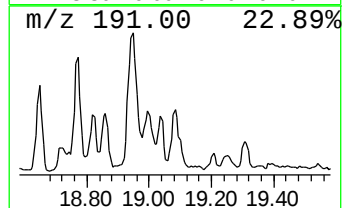
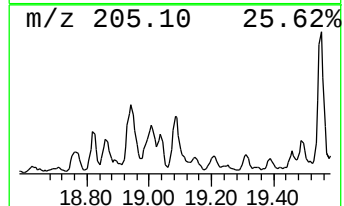
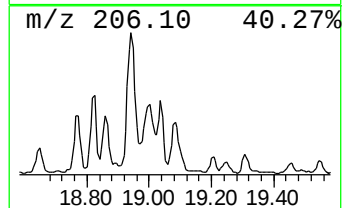
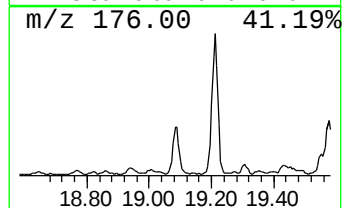
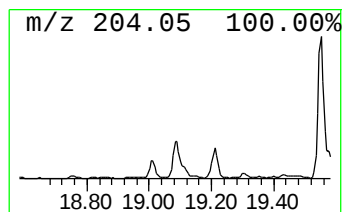
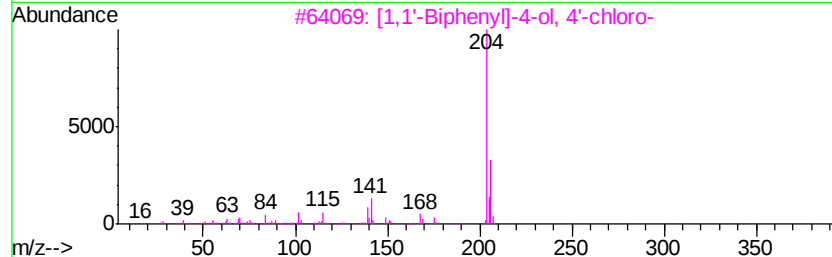
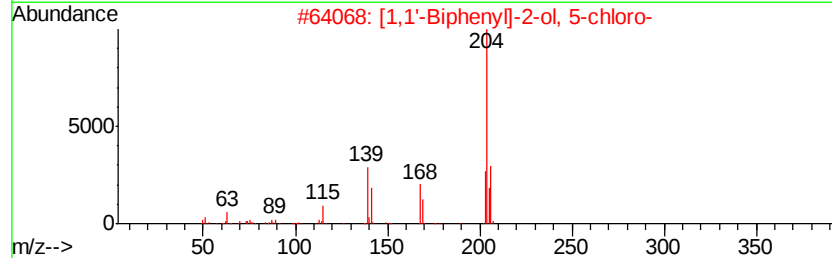
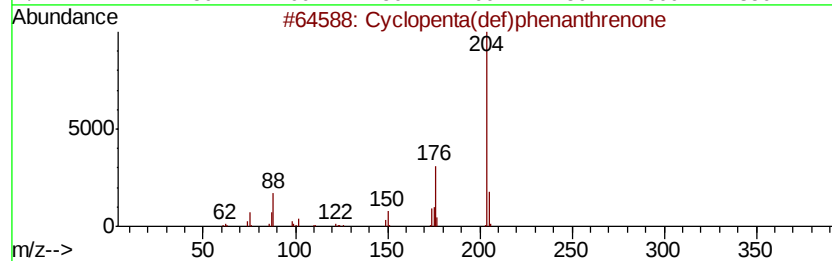
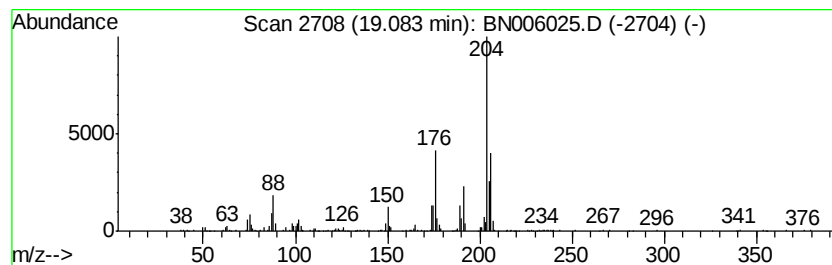
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.15 ng/ul	643830	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4		L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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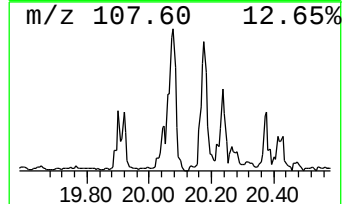
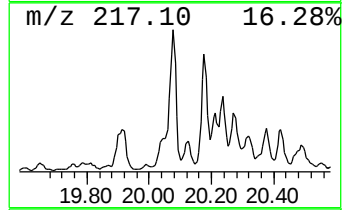
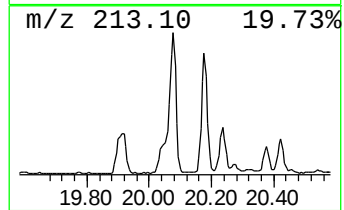
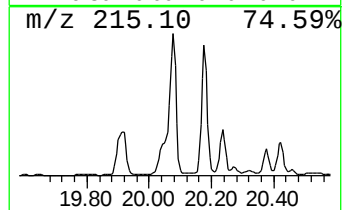
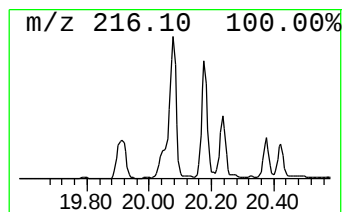
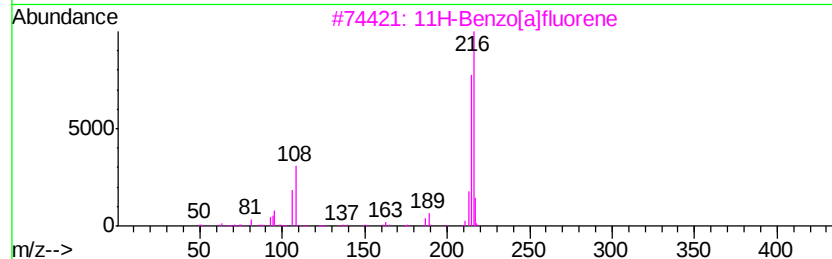
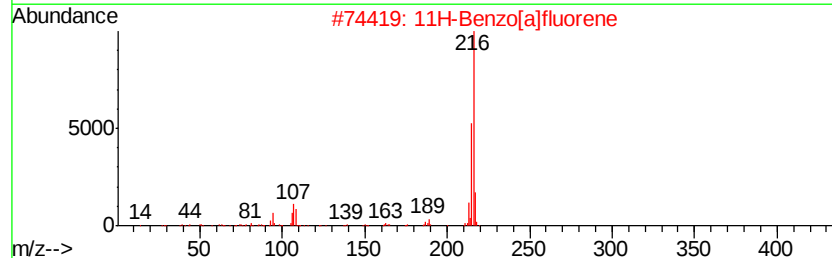
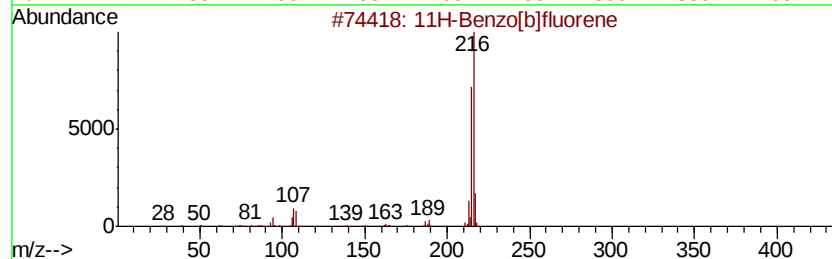
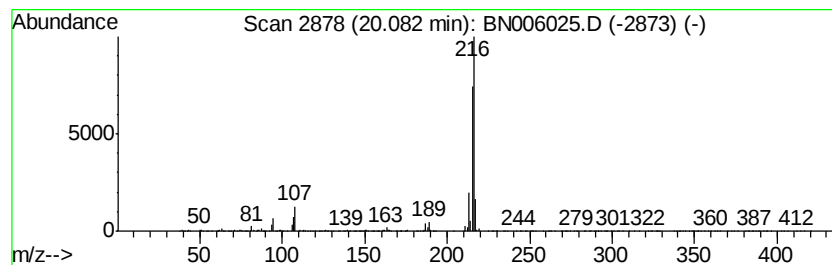
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	3.70 ng/ul	2055250	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



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Sample : K2928-03DL 10X
Misc :
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Instrument :
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ClientSampleId :
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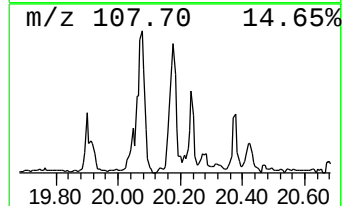
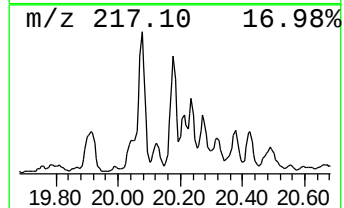
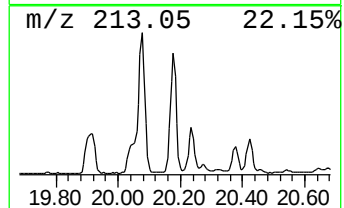
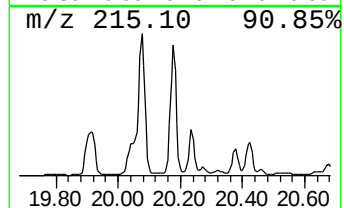
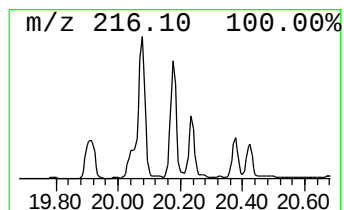
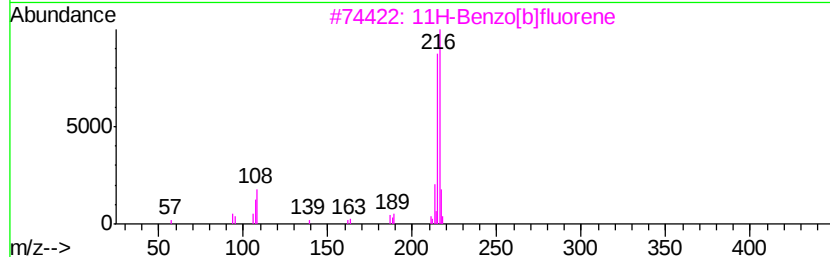
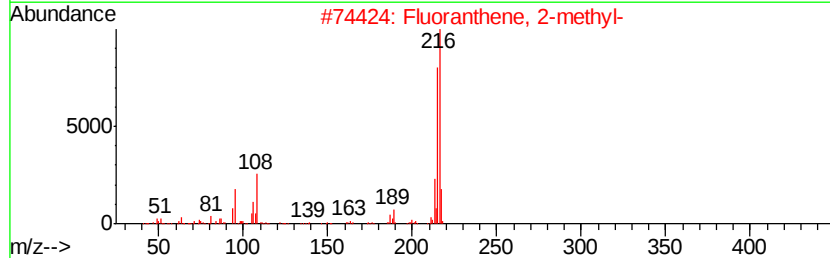
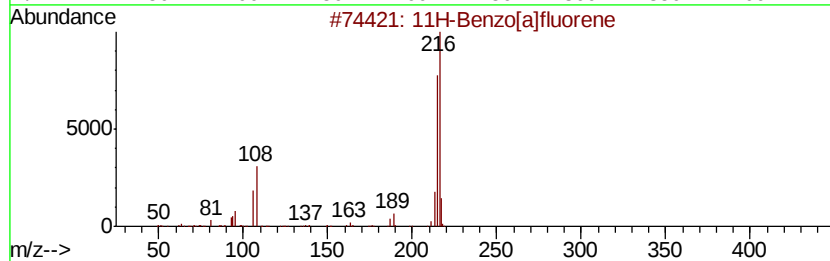
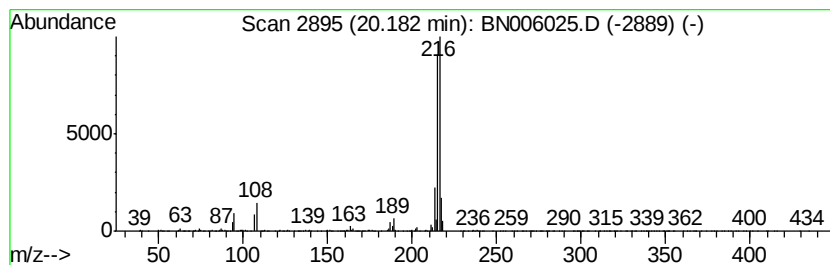
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	3.18 ng/ul	1766600	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
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\BN060119\
Data File : BN006025.D
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Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
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Instrument :
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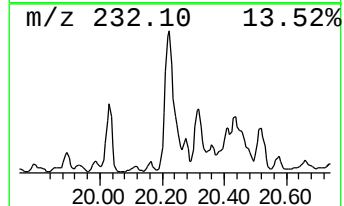
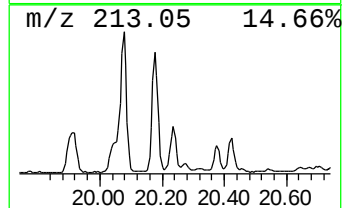
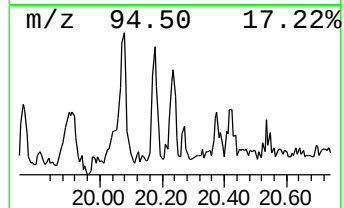
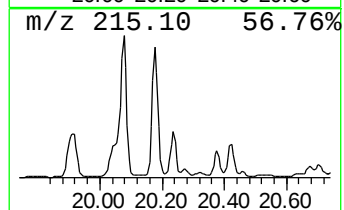
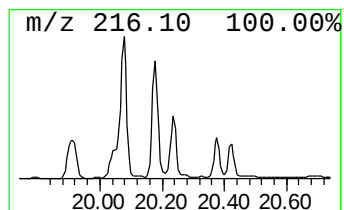
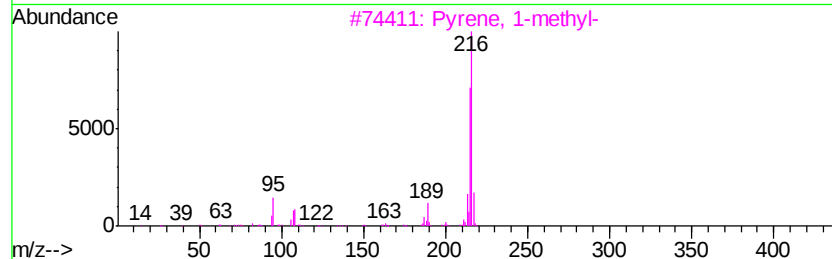
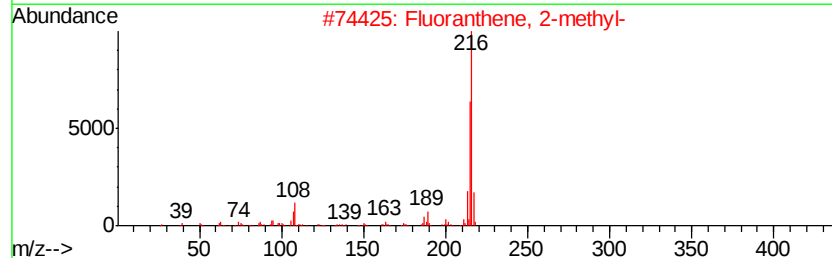
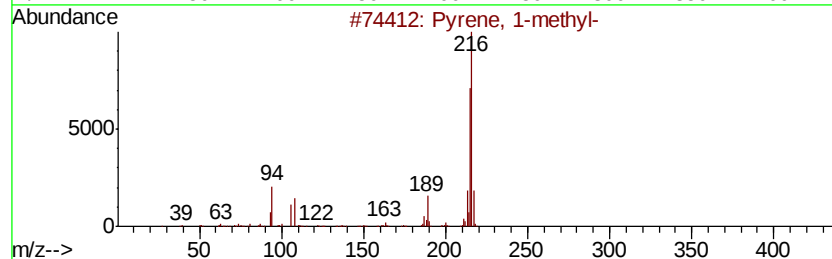
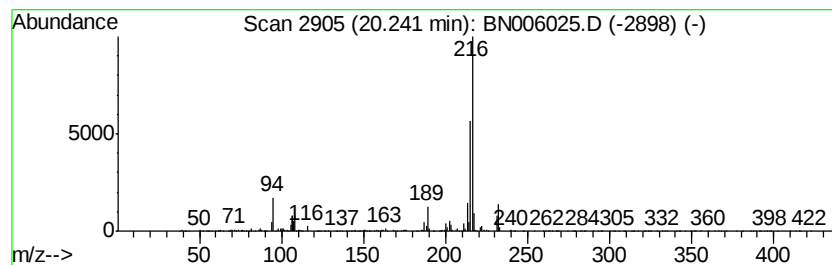
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.44 ng/ul	1356380	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006025.D
Acq On : 02 Jun 2019 10:42
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Misc :
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ClientSampleId :
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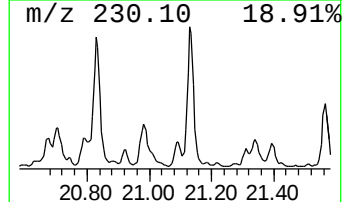
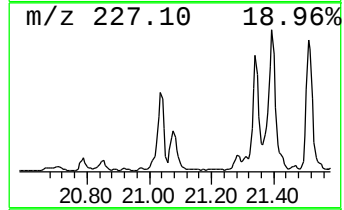
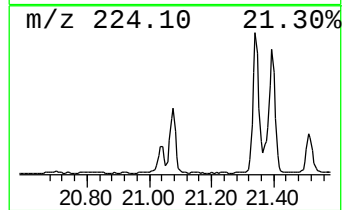
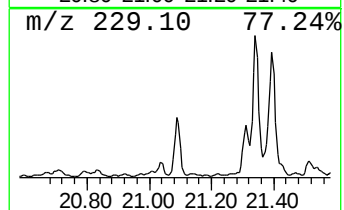
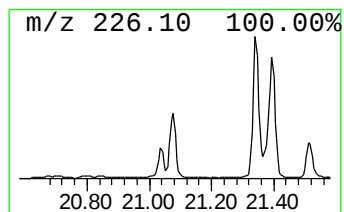
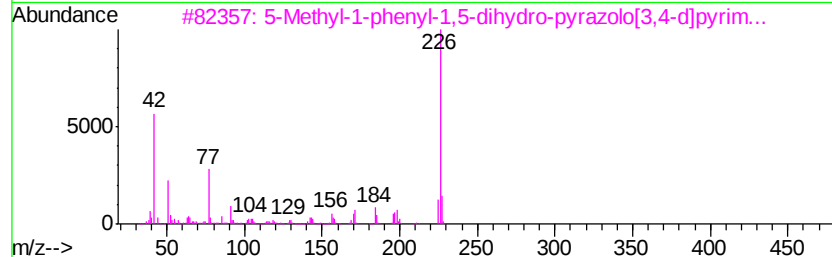
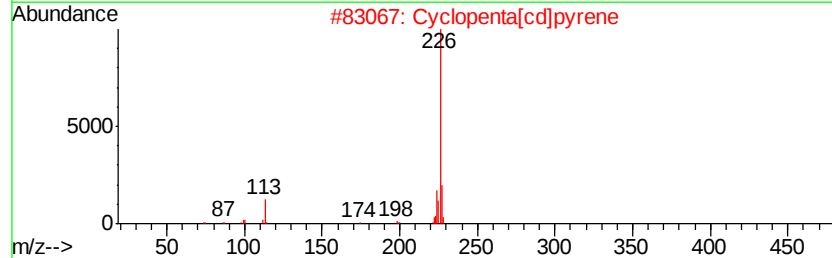
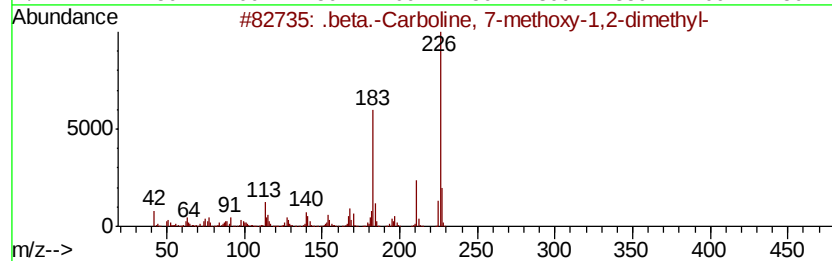
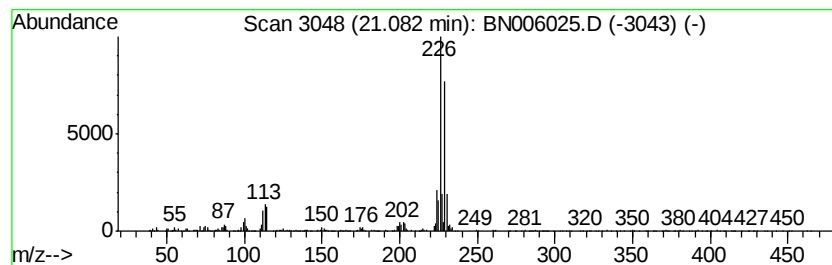
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 .beta.-Carboline, 7-methoxy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.47 ng/ul	1370860	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
2		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3		5-Methyl-1-phenyl-1,5-dihydro-py...	226	C12H10N4O	1000300-02-1	38
4		7-p-Tolyl-1,5-dihydro-imidazo[4,...	226	C12H10N4O	1000317-75-5	38
5		2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006025.D
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Misc :
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ClientSampleId :
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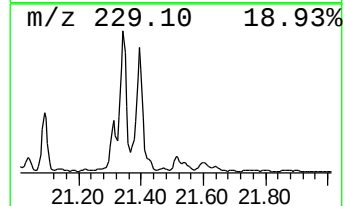
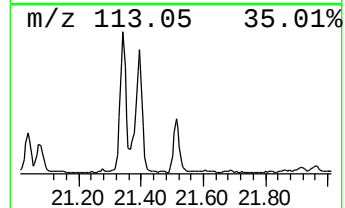
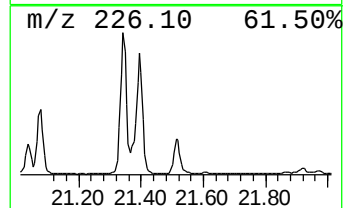
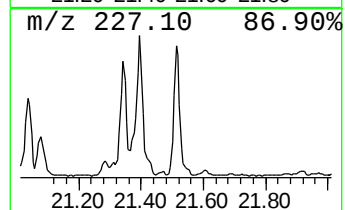
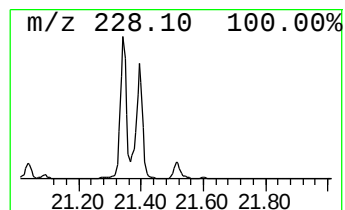
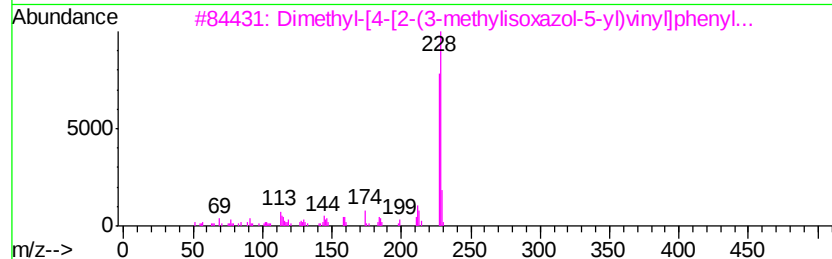
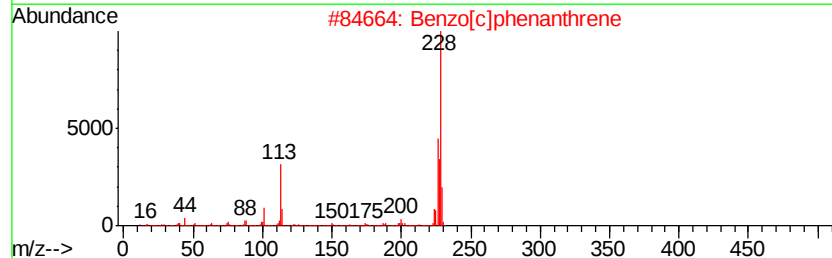
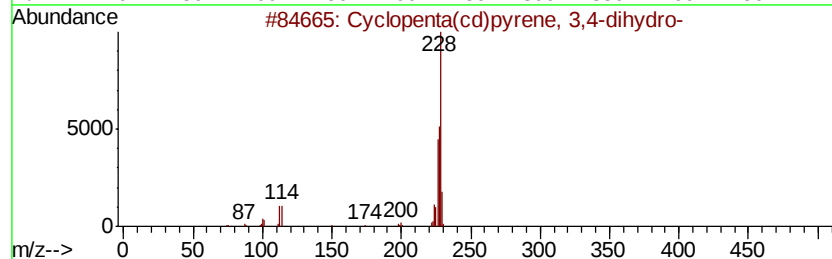
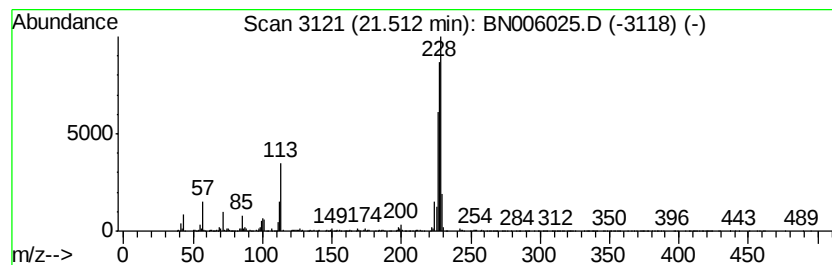
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.25 ng/ul	1249380	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
5		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
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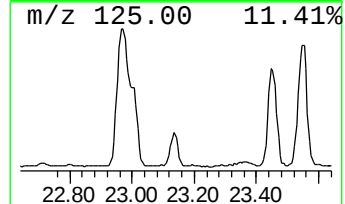
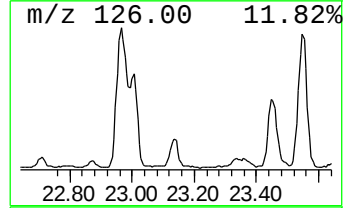
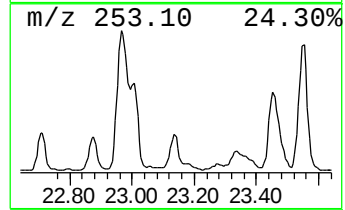
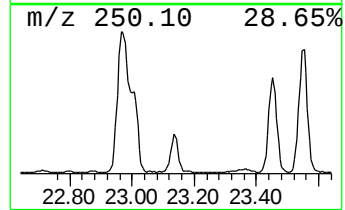
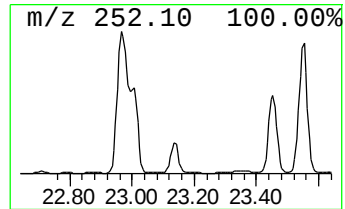
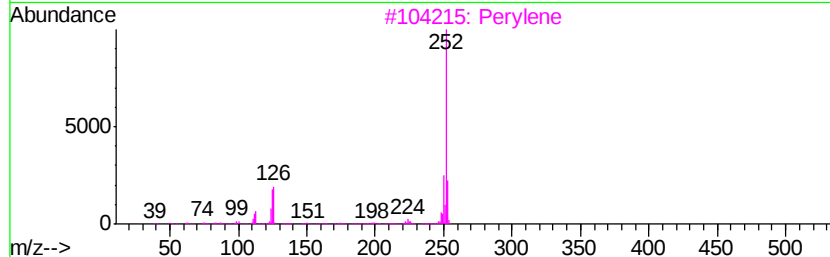
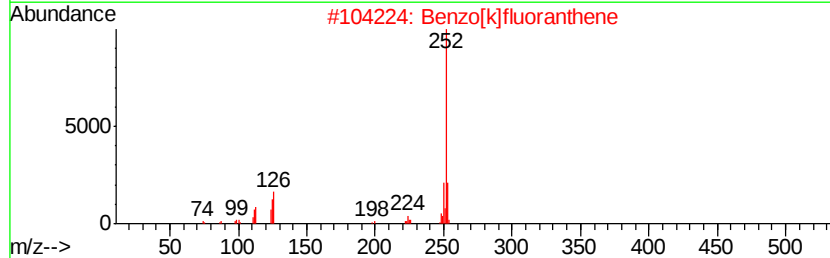
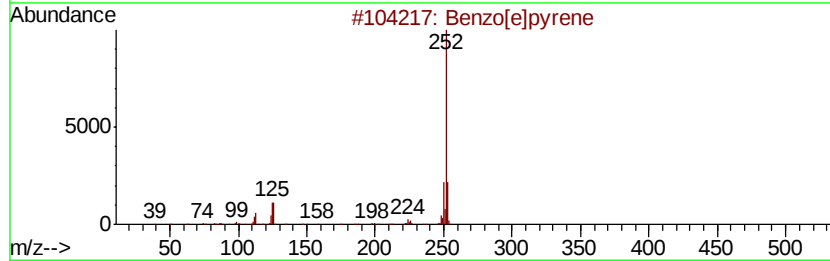
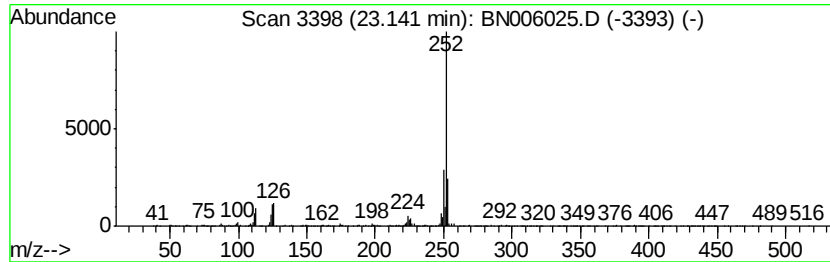
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	4.63 ng/ul	922124	Perylene-d12	23.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[e]pyrene	252	C20H12	000192-97-2	94
5			Perylene	252	C20H12	000198-55-0	94



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 Acq On : 02 Jun 2019 10:42
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 Sample : K2928-03DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
Naphtho[2,1-b]thi...	16.95	2.7	ng/ul	814290	4	17.14	5997730	20.0
Phenanthrene, 2-m...	18.02	5.5	ng/ul	1652670	4	17.14	5997730	20.0
Phenanthrene, 1-m...	18.06	6.6	ng/ul	1985410	4	17.14	5997730	20.0
1H-Cyclopropa[l]p...	18.15	2.4	ng/ul	725904	4	17.14	5997730	20.0
4H-Cyclopenta[def...	18.22	10.1	ng/ul	3041580	4	17.14	5997730	20.0
Anthracene, 2-met...	18.25	2.7	ng/ul	799474	4	17.14	5997730	20.0
1,2,4,8-Tetrameth...	18.52	3.3	ng/ul	1000260	4	17.14	5997730	20.0
9,10-Anthracenedione	18.56	2.7	ng/ul	821408	4	17.14	5997730	20.0
Phenanthrene, 1,7...	18.94	2.7	ng/ul	801761	4	17.14	5997730	20.0
Cyclopenta(def)ph...	19.08	2.1	ng/ul	643830	4	17.14	5997730	20.0
11H-Benzo[b]fluorene	20.08	3.7	ng/ul	2055250	5	21.36	11110800	20.0
11H-Benzo[a]fluorene	20.18	3.2	ng/ul	1766600	5	21.36	11110800	20.0
Pyrene, 1-methyl-	20.24	2.4	ng/ul	1356380	5	21.36	11110800	20.0
.beta.-Carboline, ...	21.08	2.5	ng/ul	1370860	5	21.36	11110800	20.0
Cyclopenta(cd)pyr...	21.51	2.3	ng/ul	1249380	5	21.36	11110800	20.0
Benzo[e]pyrene	23.14	4.6	ng/ul	922124	6	23.65	3980910	20.0