

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004300.D
 Acq On : 29 Dec 2018 14:25
 Operator : JU/SJ
 Sample : J6428-08
 Misc : GCMS Confirmation
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W2

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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	3.187	31	34	41	rVB	64685	70751	6.97%	1.101%
2	7.816	816	821	829	rBB	93546	141113	13.90%	2.196%
3	10.616	1290	1297	1303	rBV	139350	235892	23.23%	3.670%
4	14.187	1899	1904	1909	rBB	7511	10768	1.06%	0.168%
5	14.457	1944	1950	1958	rBV2	252986	388491	38.26%	6.044%
6	14.522	1958	1961	1965	rVB	10148	13635	1.34%	0.212%
7	14.857	2014	2018	2024	rBB	7275	10242	1.01%	0.159%
8	15.510	2124	2129	2135	rBB	10468	15697	1.55%	0.244%
9	17.028	2383	2387	2392	rVB	8415	10637	1.05%	0.165%
10	17.204	2411	2417	2421	rBV2	343111	498168	49.06%	7.751%
11	17.245	2421	2424	2435	rVV	259735	364071	35.85%	5.665%
12	17.339	2435	2440	2444	rVB	23741	30908	3.04%	0.481%
13	18.075	2561	2565	2570	rBV	30215	42725	4.21%	0.665%
14	18.128	2570	2574	2580	rVV	38891	55951	5.51%	0.871%
15	18.275	2592	2599	2603	rBV2	37926	74806	7.37%	1.164%
16	18.310	2603	2605	2611	rVB	21747	25852	2.55%	0.402%
17	18.581	2647	2651	2658	rVB	20368	26201	2.58%	0.408%
18	18.992	2716	2721	2726	rBV	16119	23479	2.31%	0.365%
19	19.057	2726	2732	2735	rBV3	6906	14038	1.38%	0.218%
20	19.263	2761	2767	2773	rBV	472216	633591	62.39%	9.858%
21	19.392	2786	2789	2792	rVV	12971	13729	1.35%	0.214%
22	19.510	2805	2809	2813	rBV	9542	14695	1.45%	0.229%
23	19.592	2816	2823	2825	rBV2	60055	85660	8.44%	1.333%
24	19.628	2825	2829	2836	rVV	330229	449856	44.30%	6.999%
25	19.698	2836	2841	2845	rVB	19511	26799	2.64%	0.417%
26	19.804	2855	2859	2863	rBV	19955	30646	3.02%	0.477%
27	19.957	2879	2885	2891	rVB	33094	55747	5.49%	0.867%
28	20.104	2901	2910	2917	rBV5	61343	139472	13.73%	2.170%
29	20.222	2926	2930	2933	rBV	23197	28438	2.80%	0.442%
30	20.263	2933	2937	2938	rBV	13801	15447	1.52%	0.240%
31	20.375	2950	2956	2960	rVB2	53446	69682	6.86%	1.084%
32	20.433	2960	2966	2968	rBV2	15976	28949	2.85%	0.450%
33	20.469	2968	2972	2975	rVB2	15784	18690	1.84%	0.291%
34	20.539	2980	2984	2989	rBV6	12348	16944	1.67%	0.264%

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35	20.698	3008	3011	3016	rVB2	33911	39668	3.91%	0.617%
36	20.839	3031	3035	3038	rBV2	25014	28328	2.79%	0.441%
37	21.039	3065	3069	3072	rBV	25900	35999	3.55%	0.560%
38	21.075	3072	3075	3078	rVV	39707	50936	5.02%	0.793%
39	21.116	3078	3082	3086	rVV	51065	62598	6.16%	0.974%
40	21.169	3086	3091	3096	rVB3	9853	18095	1.78%	0.282%
41	21.275	3107	3109	3116	rVB	8561	11459	1.13%	0.178%
42	21.392	3121	3129	3133	rVV2	577941	1015467	100.00%	15.799%
43	21.427	3133	3135	3141	rVV	201486	254615	25.07%	3.962%
44	21.504	3145	3148	3153	rVB3	7968	10277	1.01%	0.160%
45	21.716	3181	3184	3189	rBV2	19659	25183	2.48%	0.392%
46	21.845	3204	3206	3211	rVB4	9298	11237	1.11%	0.175%
47	21.898	3211	3215	3217	rBV	8467	12039	1.19%	0.187%
48	21.951	3220	3224	3228	rVV	30885	53405	5.26%	0.831%
49	22.004	3230	3233	3237	rVB	20170	27104	2.67%	0.422%
50	22.075	3242	3245	3248	rVV2	9802	10737	1.06%	0.167%
51	22.157	3255	3259	3265	rBV2	18438	38803	3.82%	0.604%
52	22.257	3273	3276	3281	rVB	9632	12680	1.25%	0.197%
53	23.010	3398	3404	3409	rBV	130256	281587	27.73%	4.381%
54	23.186	3430	3434	3440	rBV	17390	33922	3.34%	0.528%
55	23.510	3483	3489	3497	rVB	64830	115473	11.37%	1.797%
56	23.710	3516	3523	3530	rBV2	280195	527735	51.97%	8.211%
57	26.074	3918	3925	3936	rVB2	22849	68094	6.71%	1.059%

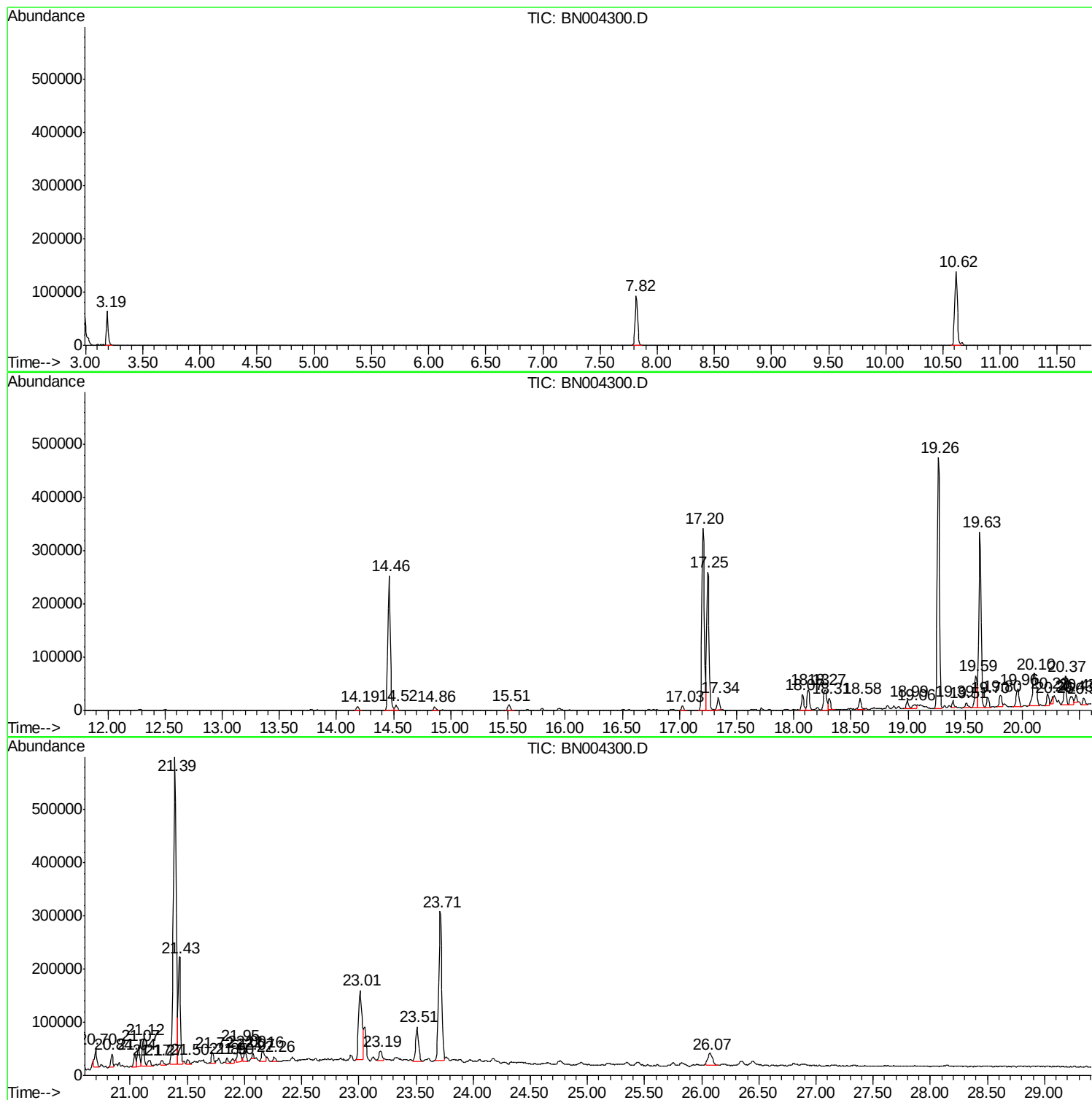
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TIC Library : C:\Database\NIST11.L
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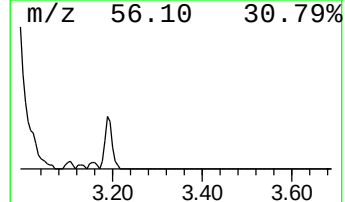
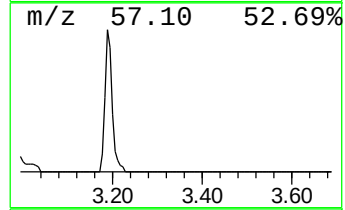
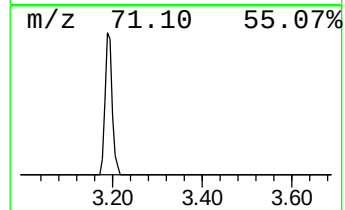
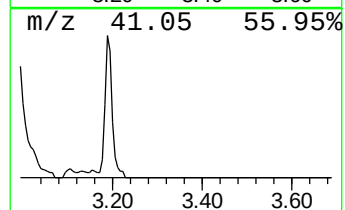
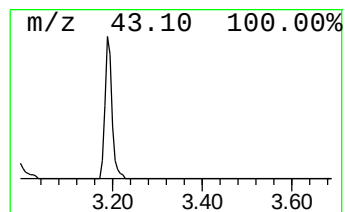
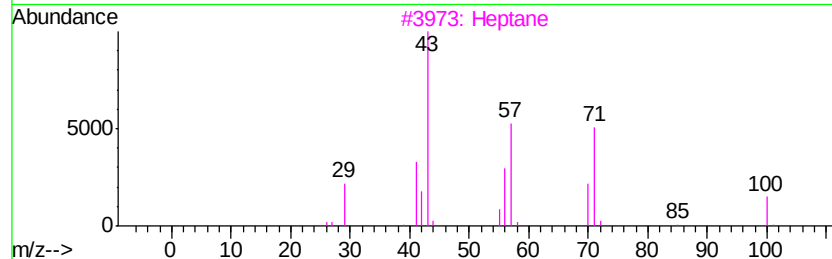
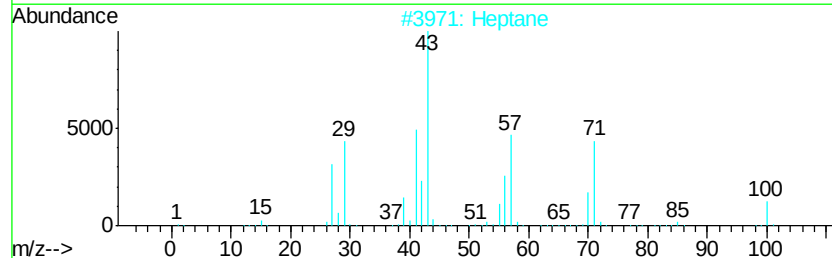
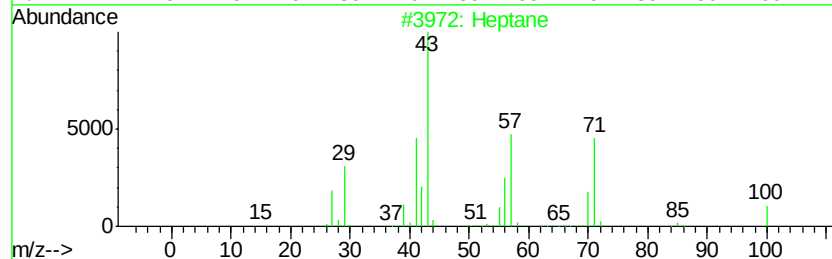
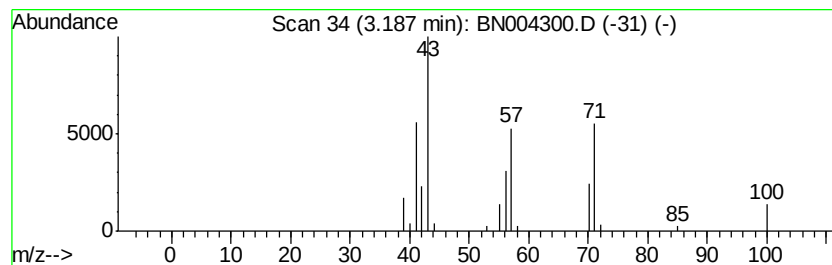
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	10.03 ng/ul	70751	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	95
2		Heptane	100	C7H16	000142-82-5	94
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	87
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59



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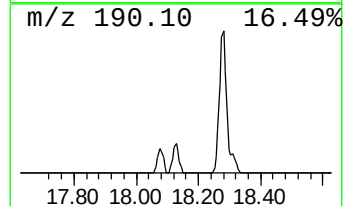
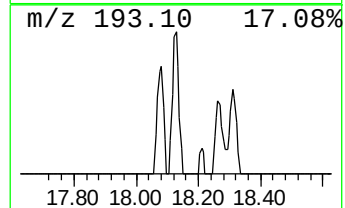
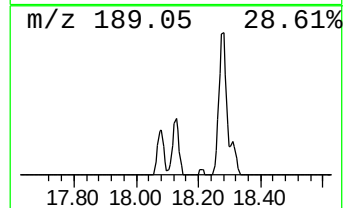
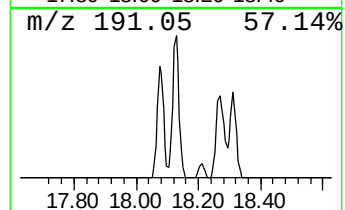
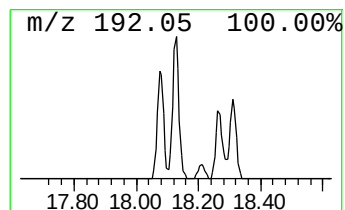
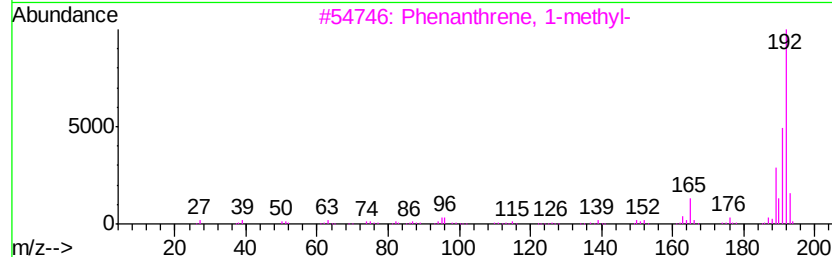
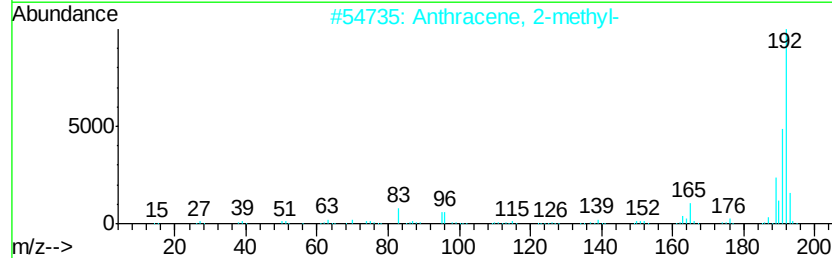
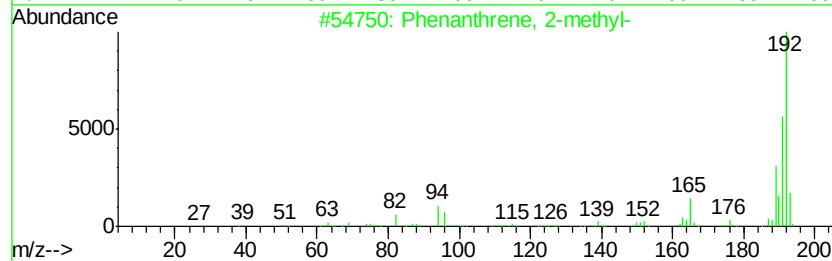
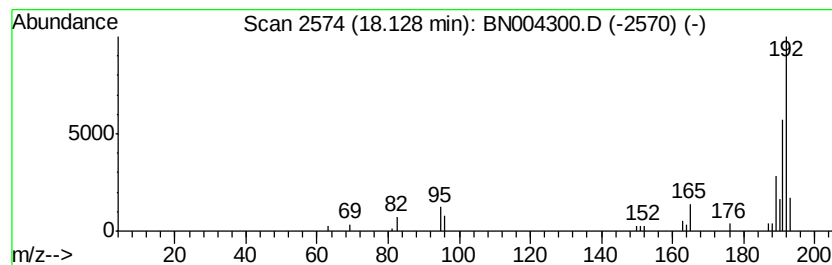
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.25 ng/ul	55951	Phenanthrene-d10	17.20

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



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Misc : GCMS Confirmation
ALS Vial : 36 Sample Multiplier: 1

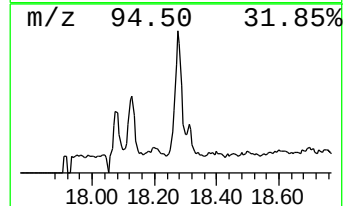
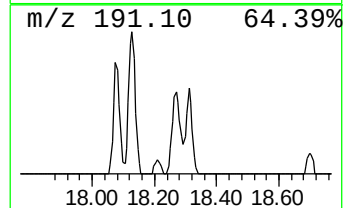
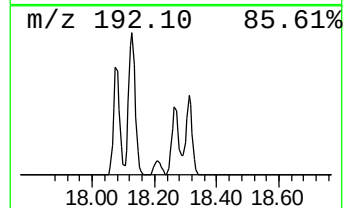
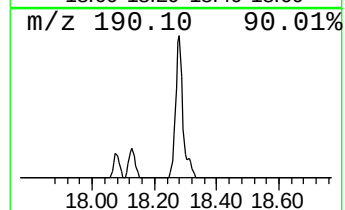
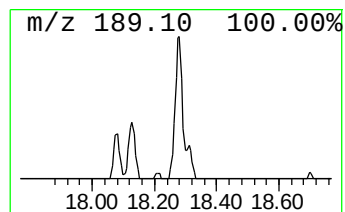
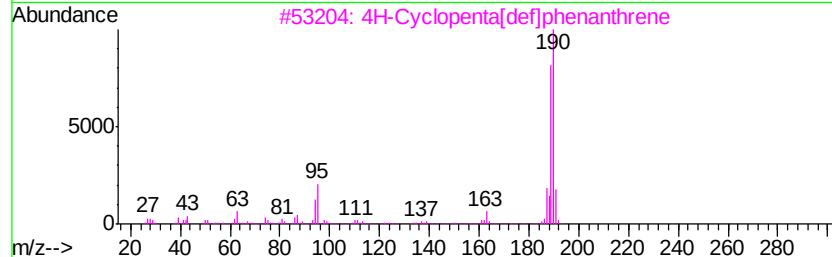
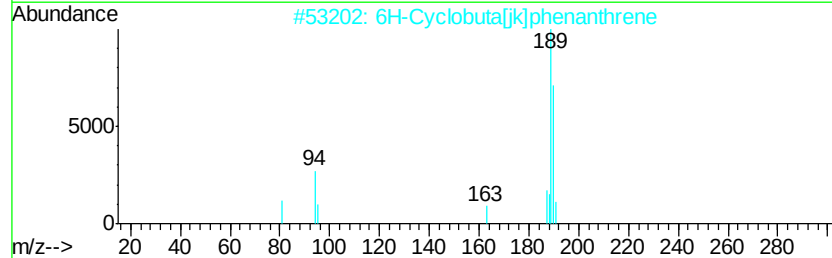
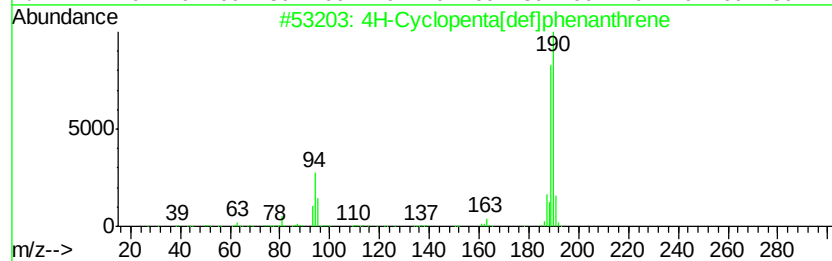
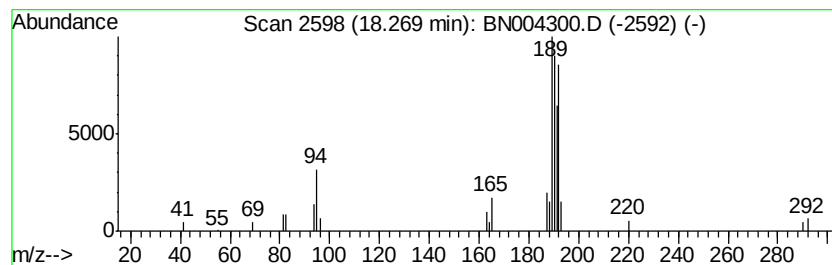
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.27	3.00 ng/ul	74806	Phenanthrene-d10	17.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45



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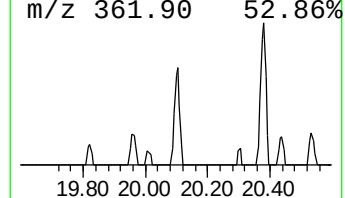
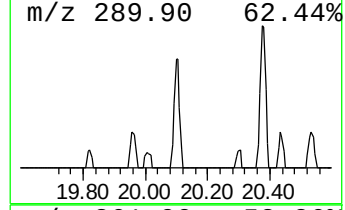
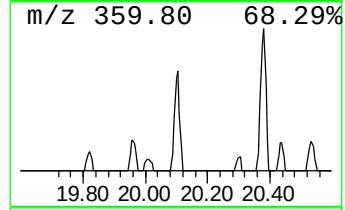
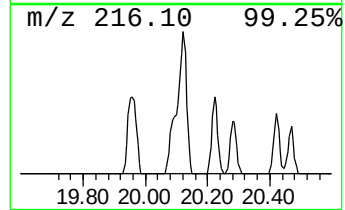
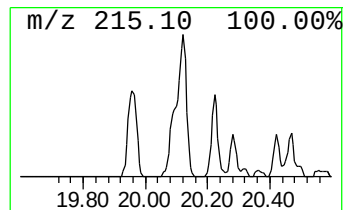
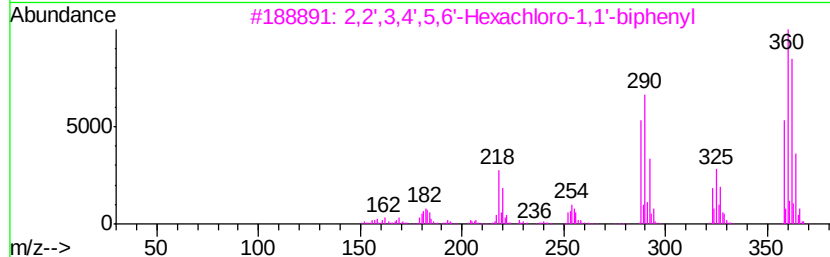
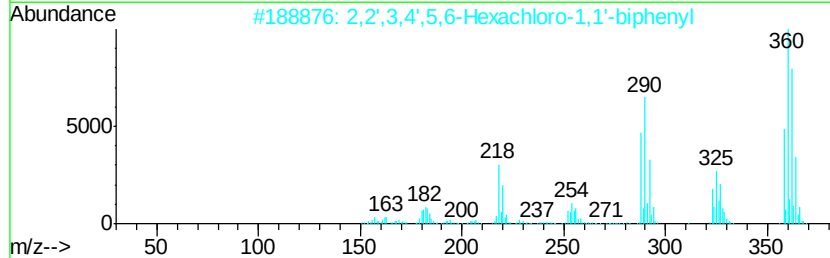
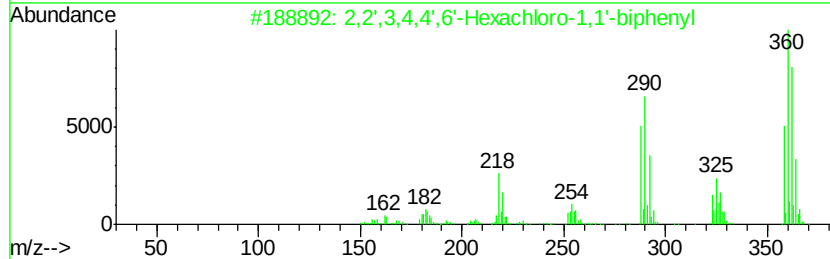
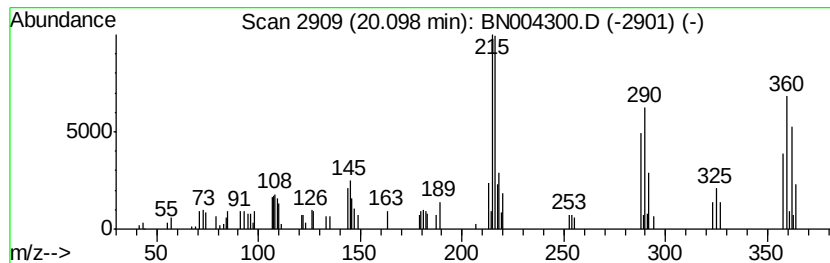
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.75 ng/ul	139472	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	98
2		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	98
3		2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	98
4		2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	98
5		2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	98



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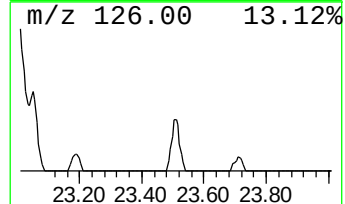
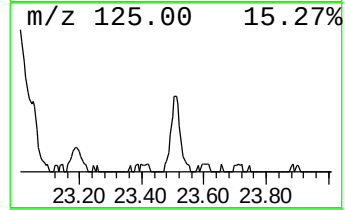
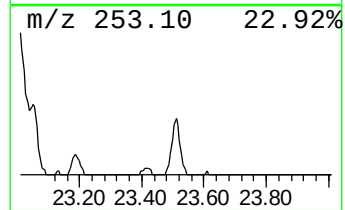
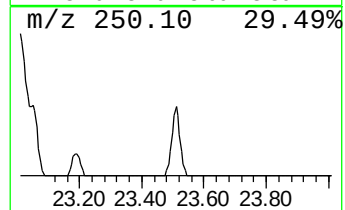
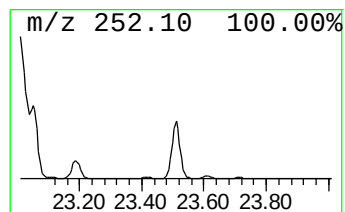
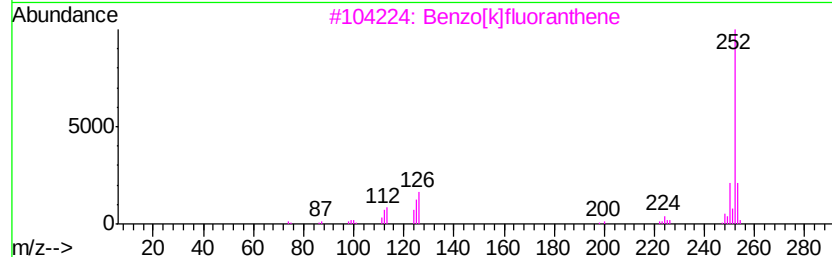
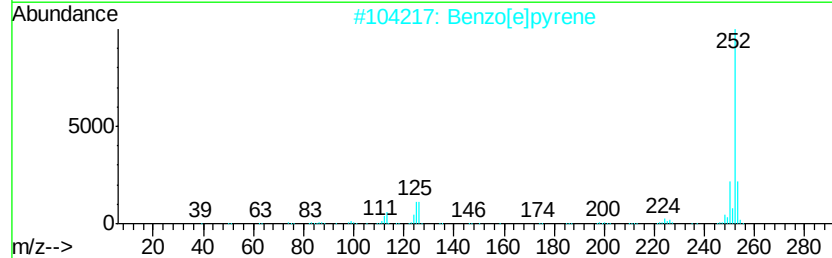
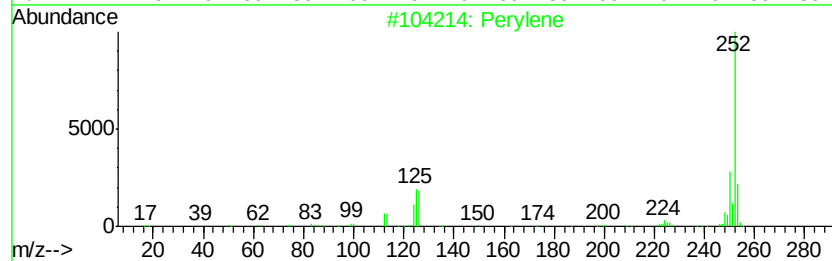
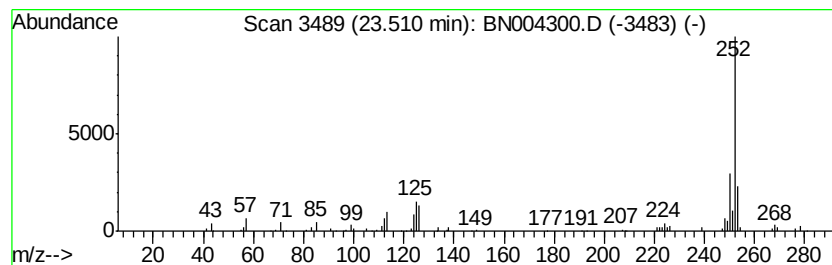
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	4.38 ng/ul	115473	Perylene-d12	23.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	98
2	Benzo[e]pyrene		252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	94
5	Perylene		252	C20H12	000198-55-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004300.D
Acq On : 29 Dec 2018 14:25
Operator : JU/SJ
Sample : J6428-08
Misc : GCMS Confirmation
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
(DEL) Alkane: Str...	3.19	10.0	ng/ul	70751	1	7.82	141113	20.0
Phenanthrene, 2-m...	18.13	2.3	ng/ul	55951	4	17.20	498168	20.0
4H-Cyclopenta[def...	18.27	3.0	ng/ul	74806	4	17.20	498168	20.0
2,2',3,4,4',6'-He...	20.10	2.8	ng/ul	139472	5	21.39	1015470	20.0
Perylene	23.51	4.4	ng/ul	115473	6	23.71	527735	20.0