

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004296.D
 Acq On : 29 Dec 2018 12:03
 Operator : JU/SJ
 Sample : J6428-11
 Misc : GCMS Confirmation
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

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	67609	75371	7.71%	1.181%
2	7.816	816	821	829	rBB	95987	144151	14.75%	2.259%
3	10.616	1290	1297	1302	rBV	148092	248367	25.42%	3.892%
4	10.663	1302	1305	1311	rVB	8830	13270	1.36%	0.208%
5	14.457	1943	1950	1957	rBV2	261192	406483	41.60%	6.371%
6	14.522	1957	1961	1966	rVB	14220	19266	1.97%	0.302%
7	14.857	2013	2018	2026	rBB	16078	23317	2.39%	0.365%
8	15.510	2122	2129	2138	rVB	28890	48320	4.94%	0.757%
9	15.798	2174	2178	2182	rBV2	8105	11351	1.16%	0.178%
10	15.945	2199	2203	2211	rBV	10902	21906	2.24%	0.343%
11	16.151	2232	2238	2244	rBV3	5607	11077	1.13%	0.174%
12	16.510	2295	2299	2304	rVB5	8549	11854	1.21%	0.186%
13	16.733	2330	2337	2340	rBV6	10476	22555	2.31%	0.353%
14	16.928	2366	2370	2372	rBV2	9270	11931	1.22%	0.187%
15	16.957	2373	2375	2381	rVV4	10200	21248	2.17%	0.333%
16	17.028	2382	2387	2391	rVV	18161	30059	3.08%	0.471%
17	17.069	2391	2394	2398	rVV3	8749	13928	1.43%	0.218%
18	17.210	2411	2418	2421	rBV2	346934	538338	55.09%	8.437%
19	17.251	2421	2425	2431	rVB	405548	566578	57.98%	8.880%
20	17.339	2436	2440	2443	rBV	15609	24972	2.56%	0.391%
21	17.369	2443	2445	2449	rVB4	8618	11848	1.21%	0.186%
22	17.798	2513	2518	2524	rVB2	29697	57493	5.88%	0.901%
23	17.922	2535	2539	2545	rBV6	11012	25128	2.57%	0.394%
24	18.080	2562	2566	2569	rBV	45520	57634	5.90%	0.903%
25	18.128	2570	2574	2582	rVB	58878	84330	8.63%	1.322%
26	18.275	2593	2599	2603	rBV2	64015	122253	12.51%	1.916%
27	18.316	2603	2606	2610	rVB2	39983	57249	5.86%	0.897%
28	18.551	2643	2646	2648	rBV3	13386	18667	1.91%	0.293%
29	18.580	2648	2651	2659	rVB	38821	58933	6.03%	0.924%
30	18.998	2718	2722	2726	rBV	32058	47329	4.84%	0.742%
31	19.269	2762	2768	2773	rBV	585002	785670	80.40%	12.313%
32	19.598	2819	2824	2826	rBV2	77484	118197	12.10%	1.852%
33	19.633	2826	2830	2837	rVV	261473	364011	37.25%	5.705%
34	19.698	2838	2841	2845	rVB	32054	39424	4.03%	0.618%

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Integration Parameters: LSCINT.P

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Title : SVOA CALIBRATION

35	19.810	2857	2860	2864	rBV	26913	34623	3.54%	0.543%
36	20.104	2906	2910	2912	rBV2	52985	76214	7.80%	1.194%
37	21.039	3066	3069	3072	rBV	37934	52151	5.34%	0.817%
38	21.116	3079	3082	3086	rBV	46070	51879	5.31%	0.813%
39	21.392	3123	3129	3133	rBV2	537431	977205	100.00%	15.315%
40	21.433	3133	3136	3141	rVB	236129	297922	30.49%	4.669%
41	23.010	3400	3404	3410	rBV	97607	200426	20.51%	3.141%
42	23.715	3518	3524	3532	rVB	301776	577773	59.13%	9.055%

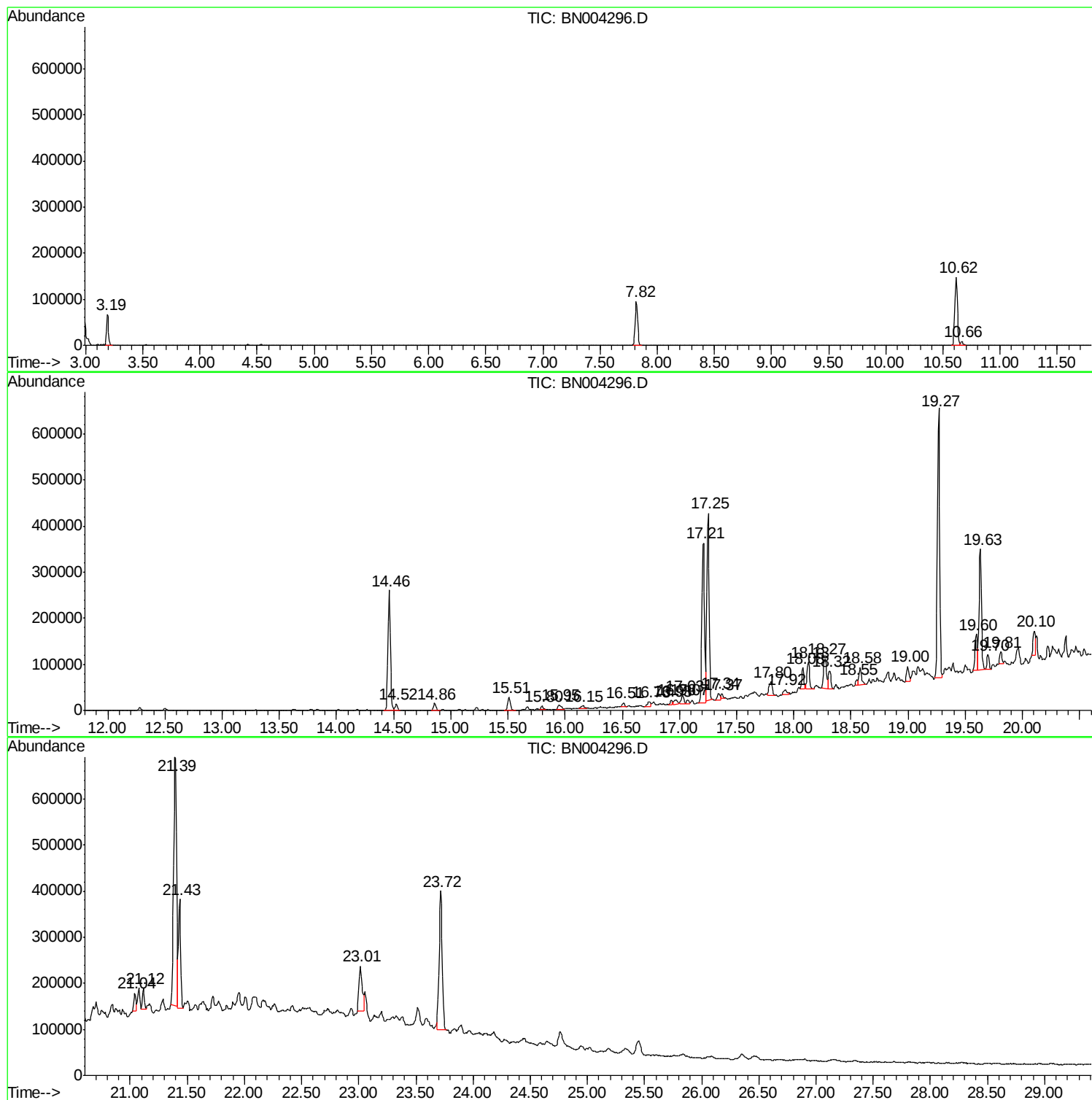
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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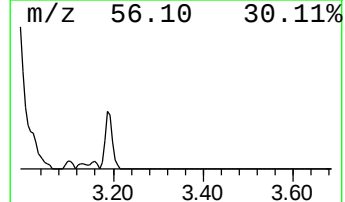
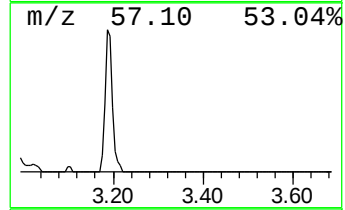
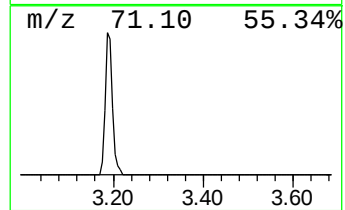
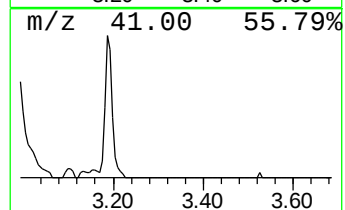
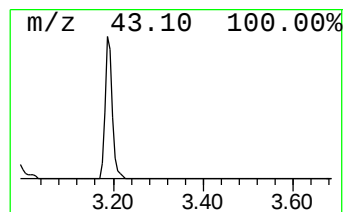
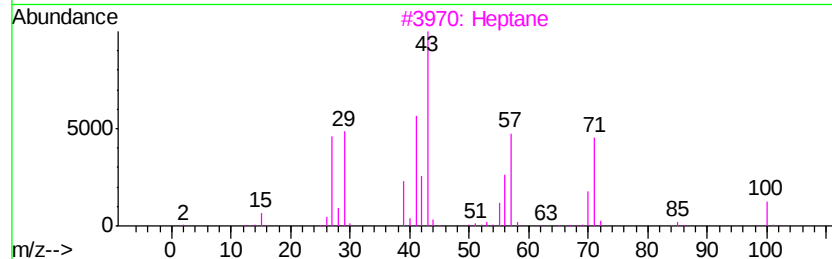
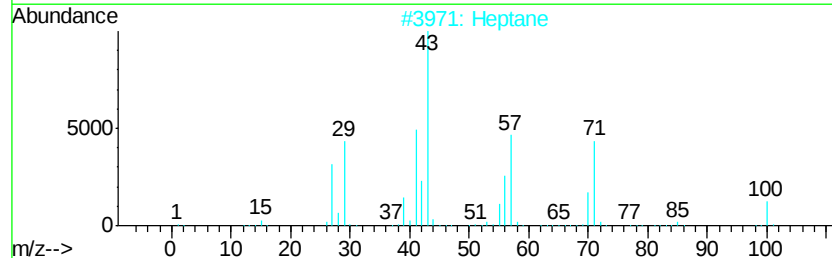
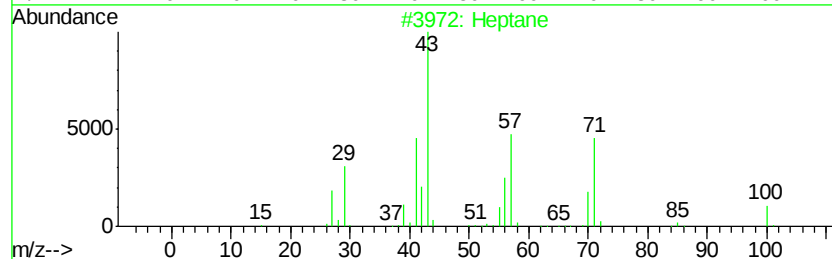
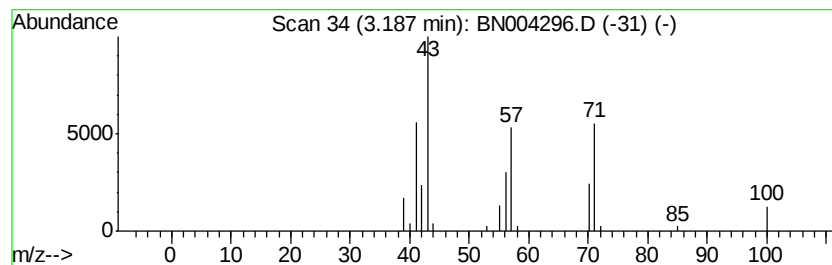
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	10.46 ng/ul	75371	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	91
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59



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Misc : GCMS Confirmation
ALS Vial : 32 Sample Multiplier: 1

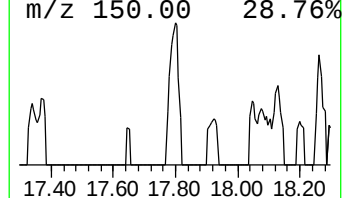
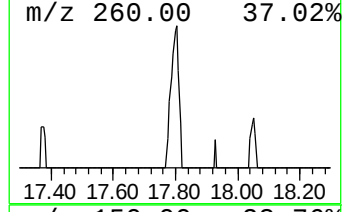
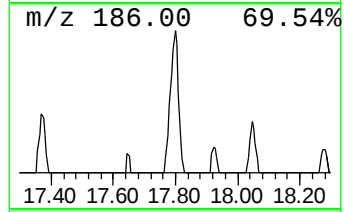
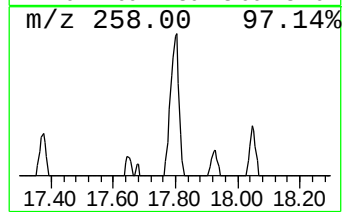
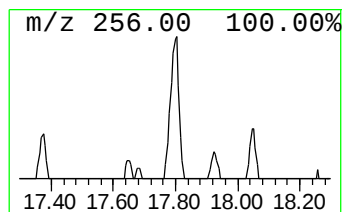
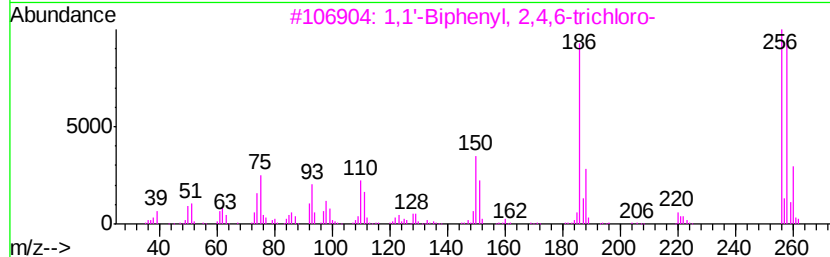
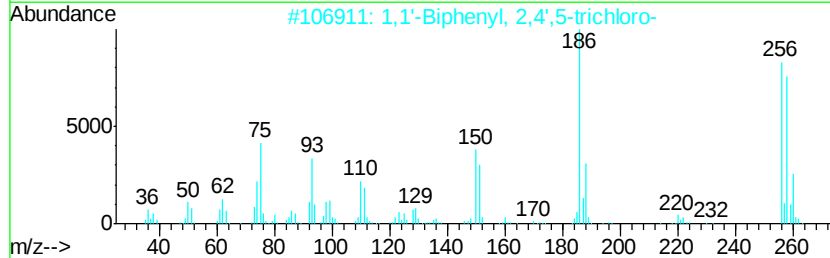
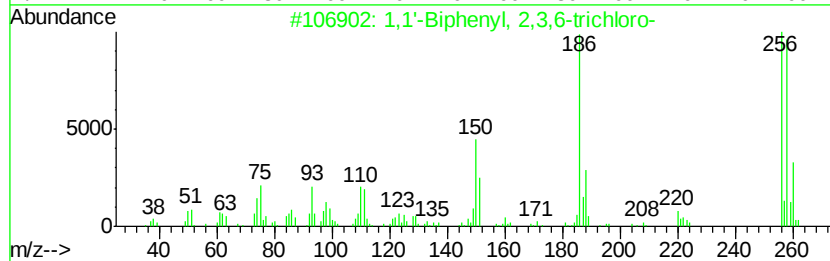
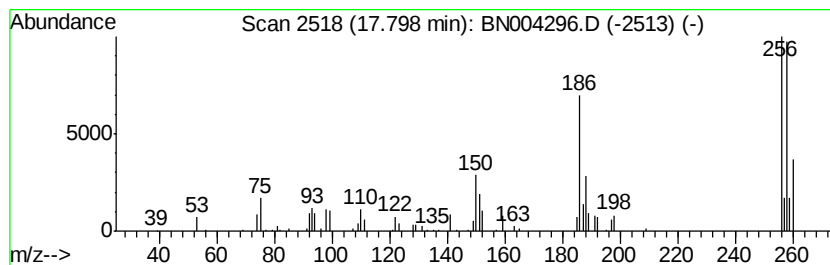
Instrument :
BNA_N
ClientSampled :
A41W3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
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Peak Number 2 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.80	2.14 ng/ul	57493	Phenanthrene-d10	17.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	94
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	94
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94
5	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	94



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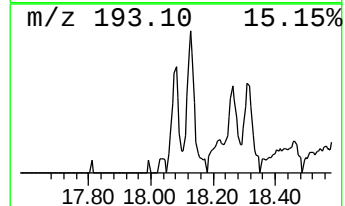
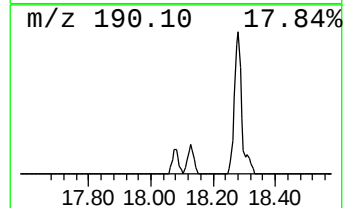
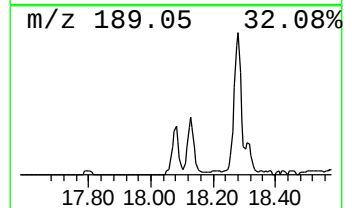
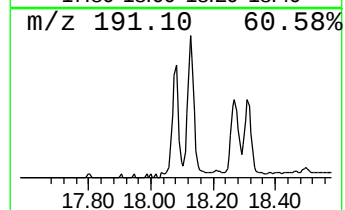
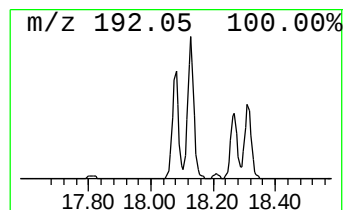
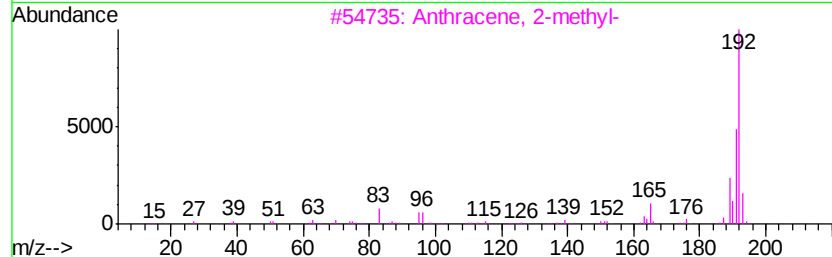
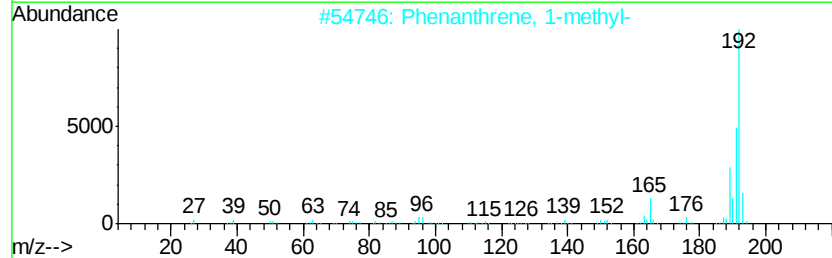
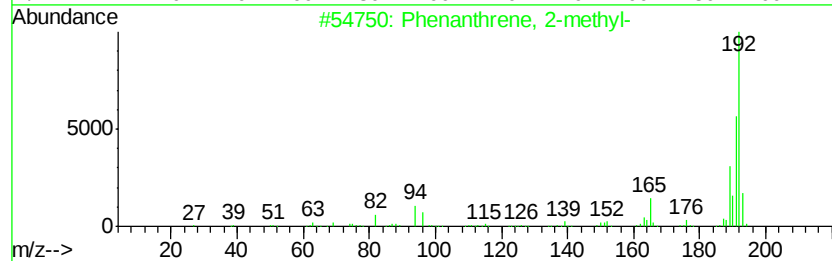
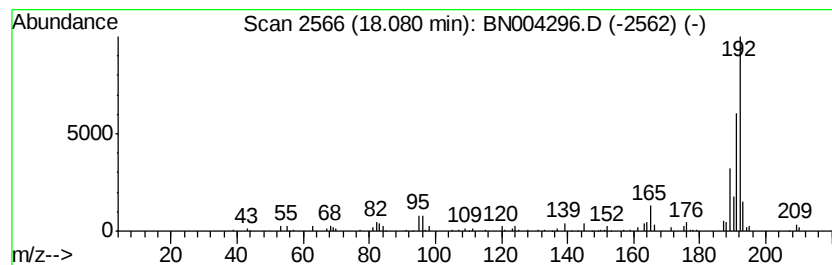
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.14 ng/ul	57634	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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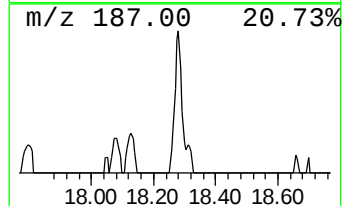
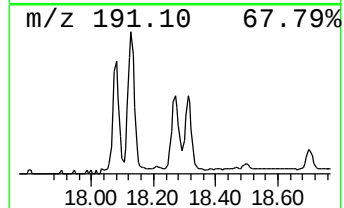
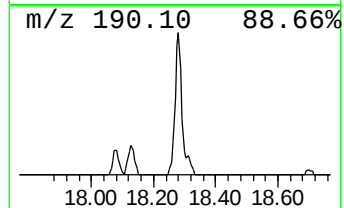
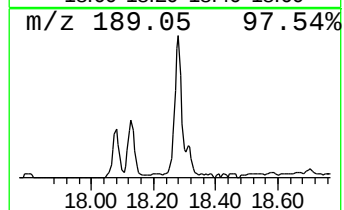
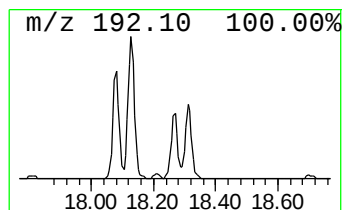
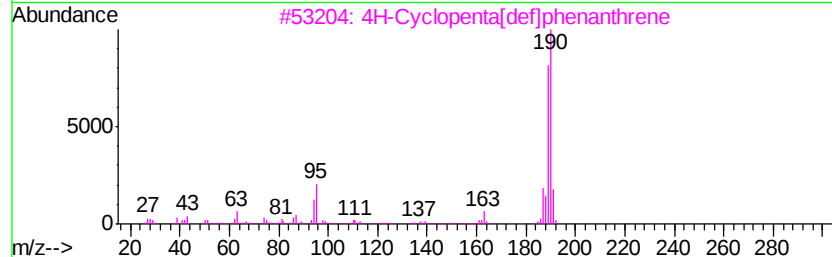
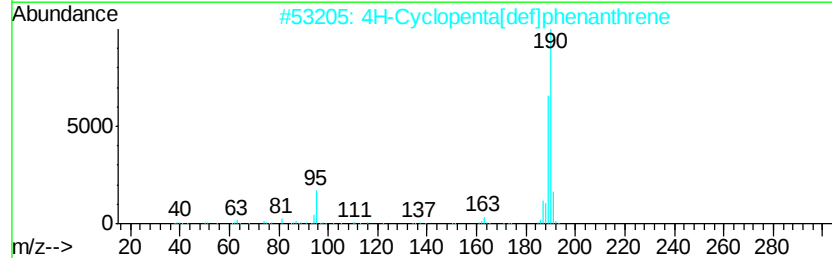
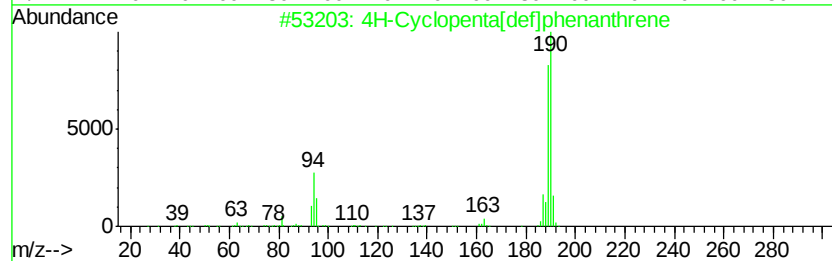
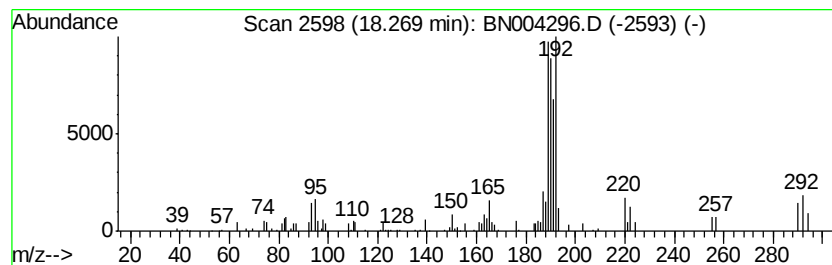
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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	4.54 ng/ul	122253	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	50
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



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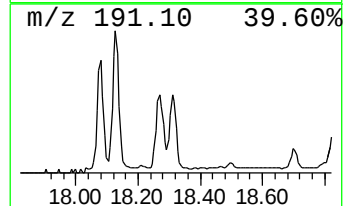
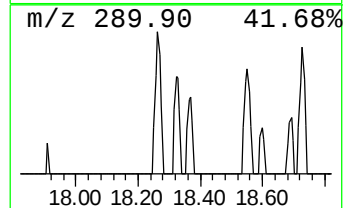
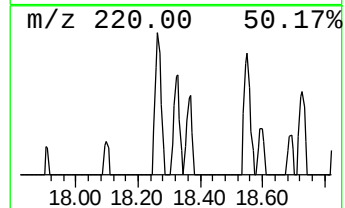
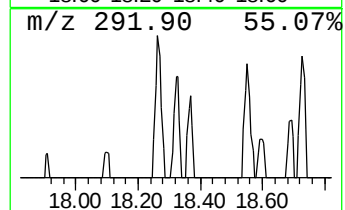
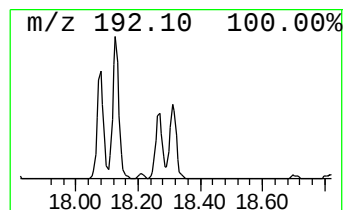
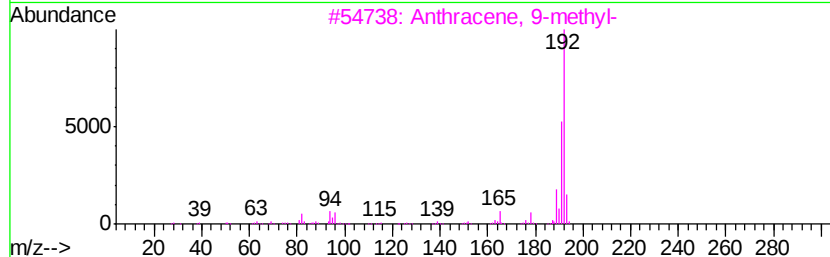
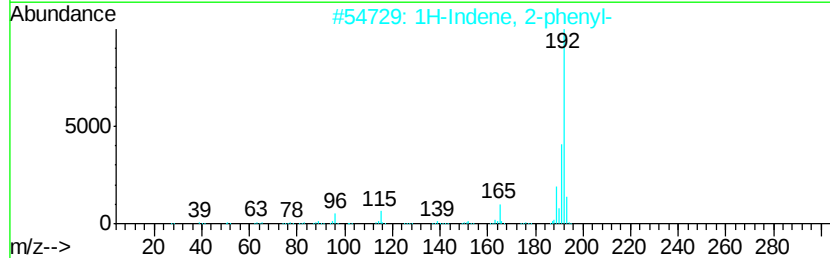
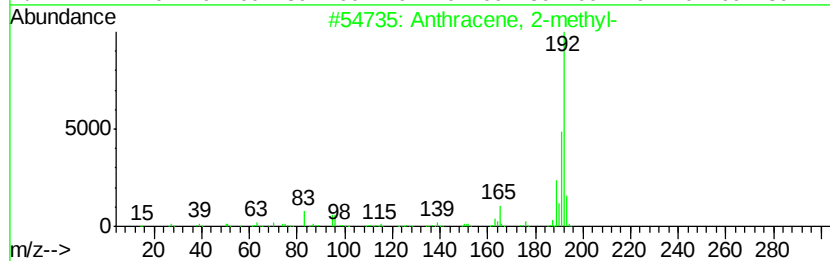
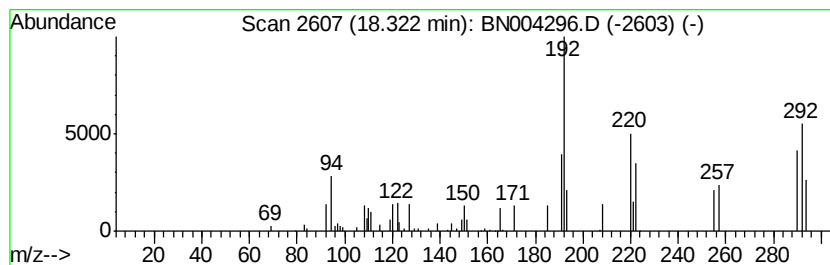
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.13 ng/ul	57249	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	62
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	62
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	62
4		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	62
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004296.D
Acq On : 29 Dec 2018 12:03
Operator : JU/SJ
Sample : J6428-11
Misc : GCMS Confirmation
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W3

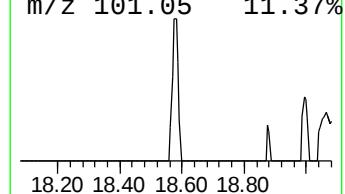
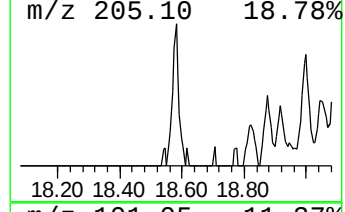
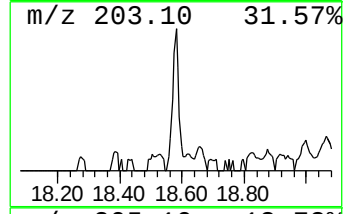
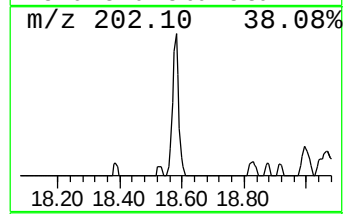
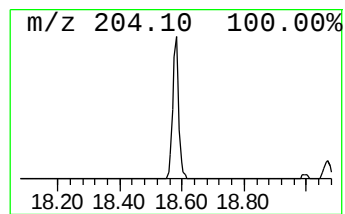
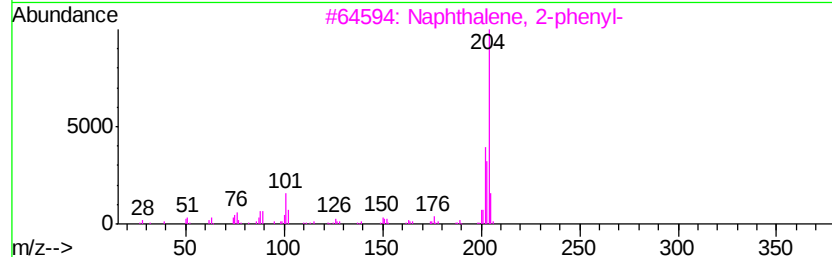
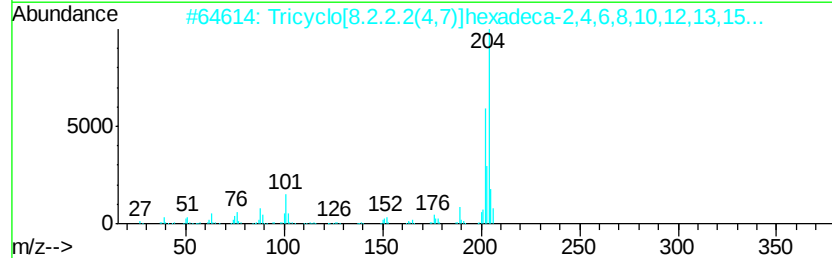
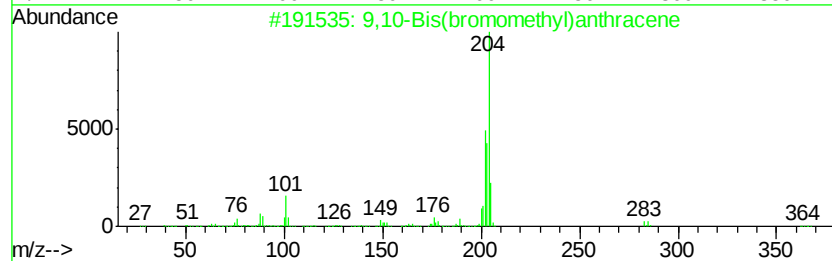
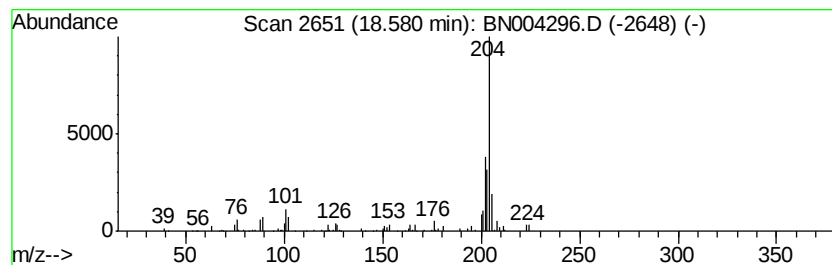
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Bis(bromomethyl)anthra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.19 ng/ul	58933	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004296.D
Acq On : 29 Dec 2018 12:03
Operator : JU/SJ
Sample : J6428-11
Misc : GCMS Confirmation
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W3

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	10.5	ng/ul	75371	1	7.82	144151	20.0
1,1'-Biphenyl, 2,...	17.80	2.1	ng/ul	57493	4	17.21	538338	20.0
Phenanthrene, 2-m...	18.08	2.1	ng/ul	57634	4	17.21	538338	20.0
4H-Cyclopenta[def...	18.27	4.5	ng/ul	122253	4	17.21	538338	20.0
Anthracene, 2-met...	18.32	2.1	ng/ul	57249	4	17.21	538338	20.0
9,10-Bis(bromomet...	18.58	2.2	ng/ul	58933	4	17.21	538338	20.0