LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004293.D
Acq On : 29 Dec 2018 10:17
Operator : JU/SJ
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	59816	67690	4.81%	0.734%
2	7.816	815	821	829	rBB	108063	166031	11.79%	1.800%
3	10.616	1290	1297	1302	rBV	164696	279960	19.88%	3.035%
4	10.663	1302	1305	1311	rVB	10319	15389	1.09%	0.167%
5	12.275	1575	1579	1585	rBB	9198	14596	1.04%	0.158%
6	14.457	1943	1950	1957	rBV2	290942	427522	30.36%	4.635%
7	14.522	1957	1961	1966	rVB	25310	35999	2.56%	0.390%
8	14.857	2013	2018	2027	rBB	28335	39085	2.78%	0.424%
9	15.504	2123	2128	2137	rBB2	55370	79877	5.67%	0.866%
10	15.945	2199	2203	2210	rBB	9395	17485	1.24%	0.190%
11	17.028	2382	2387	2392	rVB	21351	29619	2.10%	0.321%
12	17.204	2411	2417	2421	rBV	374047	538126	38.22%	5.834%
13	17.251	2421	2425	2434	rVB	594160	830034	58.95%	8.998%
14	17.339	2434	2440	2445	rBV	69253	96215	6.83%	1.043%
15	18.075	2560	2565	2570	rBV	52266	75584	5.37%	0.819%
16	18.128	2570	2574	2579	rVV	65898	92964	6.60%	1.008%
17	18.204	2581	2587	2593	rVV	12992	23347	1.66%	0.253%
18	18.275	2593	2599	2603	rVV3	93743	161897	11.50%	1.755%
19	18.310	2603	2605	2610	rVB	35553	41297	2.93%	0.448%
20	18.492	2630	2636	2644	rBV7	11562	22988	1.63%	0.249%
21	18.581	2646	2651	2657	rVV	46027	66174	4.70%	0.717%
22	18.822	2689	2692	2697	rVB2	12964	16667	1.18%	0.181%
23	18.875	2697	2701	2704	rBV	12923	14969	1.06%	0.162%
24	18.916	2704	2708	2716	rVB	11028	15964	1.13%	0.173%
25	18.992	2716	2721	2726	rBV	28632	45637	3.24%	0.495%
26	19.057	2726	2732	2735	rBV4	13890	28876	2.05%	0.313%
27	19.269	2761	2768	2774	rBV	1028947	1408044	100.00%	15.265%
28	19.357	2780	2783	2786	rBV3	11217	14571	1.03%	0.158%
29	19.510	2804	2809	2817	rBV2	18396	39507	2.81%	0.428%
30	19.592	2818	2823	2826	rVV2	134943	215133	15.28%	2.332%
31	19.633	2826	2830	2836	rVV	445385	614802	43.66%	6.665%
32	19.698	2837	2841	2845	rVB	33727	46623	3.31%	0.505%
33	19.810	2856	2860	2863	rBV	41343	53796	3.82%	0.583%
34	19.963	2880	2886	2892	rBV2	44032	73610	5.23%	0.798%

LSC Area Percent Report

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Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	20.104	2902	2910	2911	rBV3	73820	125931	8.94%	1.365%
36	20.122	2911	2913	2917	rVB2	93631	114222	8.11%	1.238%
37	20.222	2926	2930	2934	rBV	80799	101890	7.24%	1.105%
38	20.281	2934	2940	2943	rVV2	36924	86408	6.14%	0.937%
39	20.316	2943	2946	2949	rVV	36753	43057	3.06%	0.467%
40	20.375	2951	2956	2960	rVB4	42596	69054	4.90%	0.749%
41	21.039	3065	3069	3072	rBV	67788	83242	5.91%	0.902%
42	21.075	3072	3075	3078	rVV	84073	99108	7.04%	1.074%
43	21.116	3078	3082	3086	rVB	75578	87826	6.24%	0.952%
44	21.275	3107	3109	3115	rVB2	29084	38176	2.71%	0.414%
45	21.392	3122	3129	3133	rBV2	605311	1258624	89.39%	13.645%
46	21.433	3133	3136	3141	rVB	338660	415882	29.54%	4.509%
47	23.016	3400	3405	3409	rBV	140398	283238	20.12%	3.071%
48	23.516	3486	3490	3498	rVB2	73622	137386	9.76%	1.489%
49	23.716	3518	3524	3531	rVB	299435	570072	40.49%	6.180%

Sum of corrected areas: 9224194

LSC Report - Integrated Chromatogram

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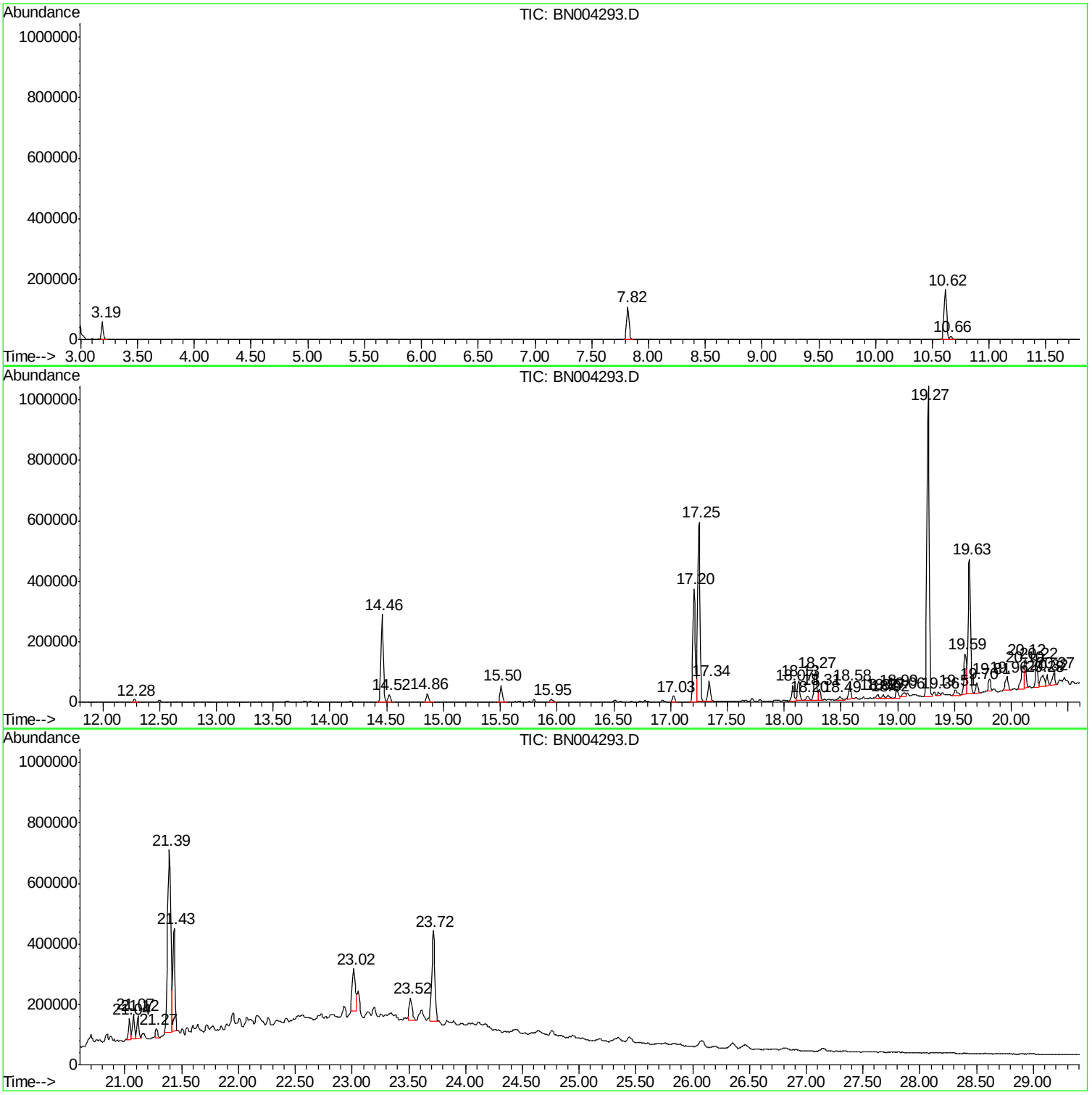
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41T3

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



Library Search Compound Report

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Data File : BN004293.D
Acq On : 29 Dec 2018 10:17
Operator : JU/SJ
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

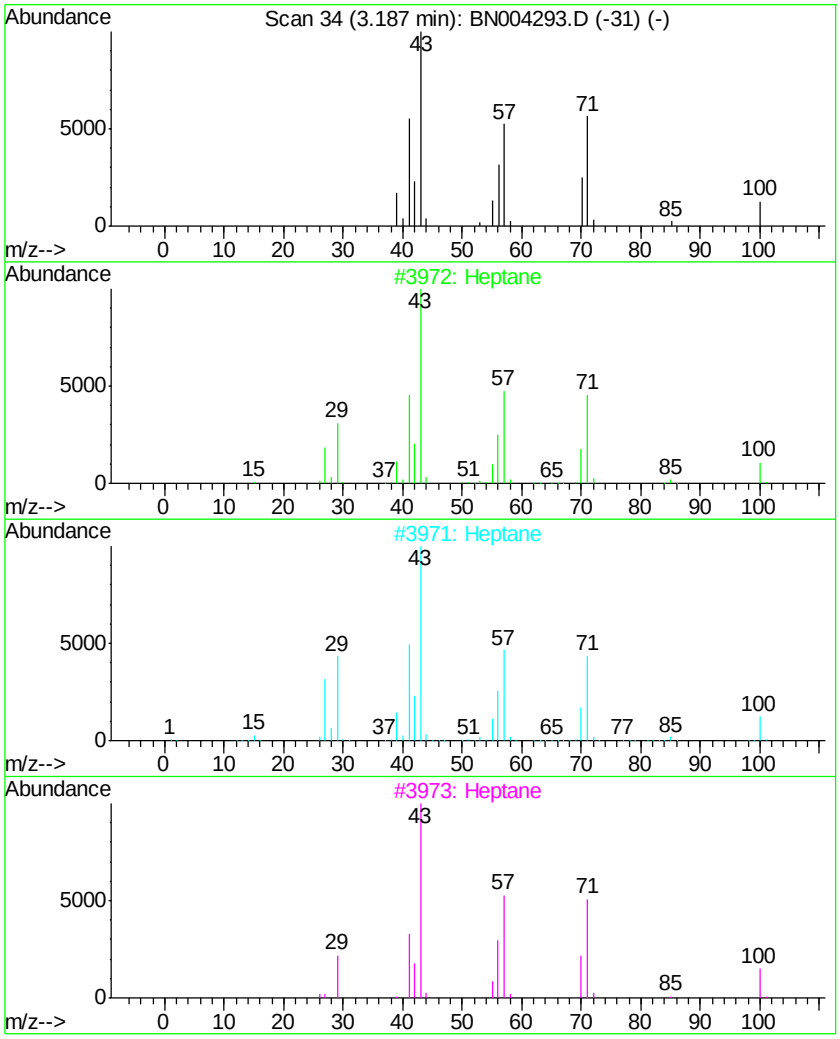
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

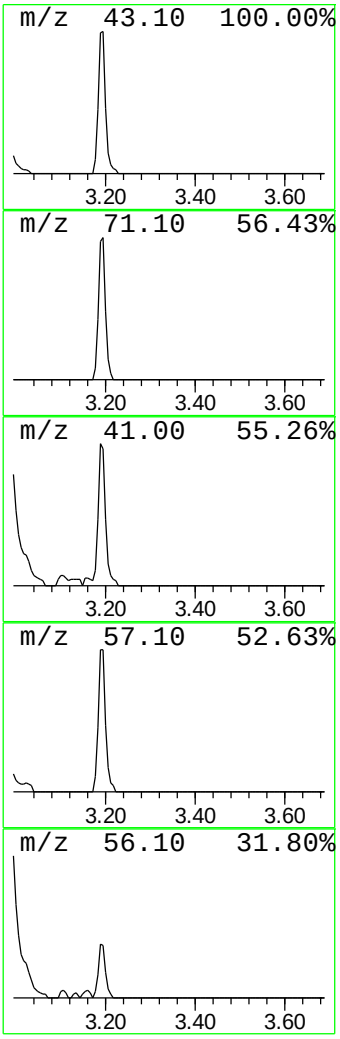
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	8.15 ng/ul	67690	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

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

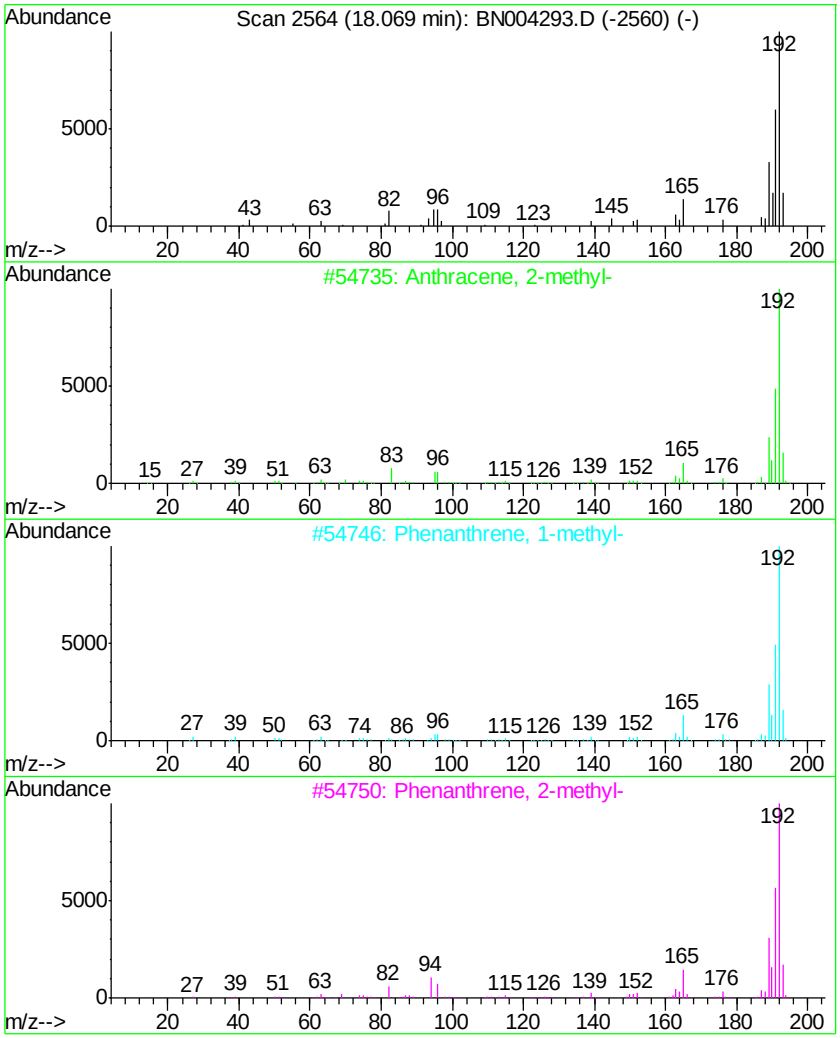
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

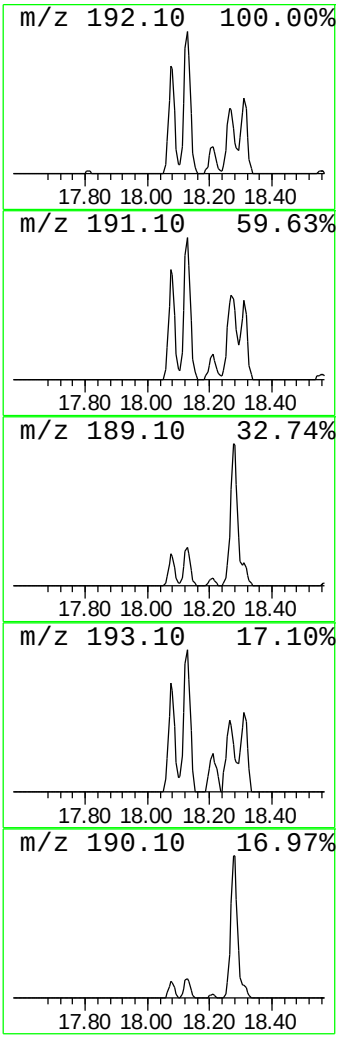
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.81 ng/ul	75584	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
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Acq On : 29 Dec 2018 10:17
Operator : JU/SJ
Sample : J6432-01
Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

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

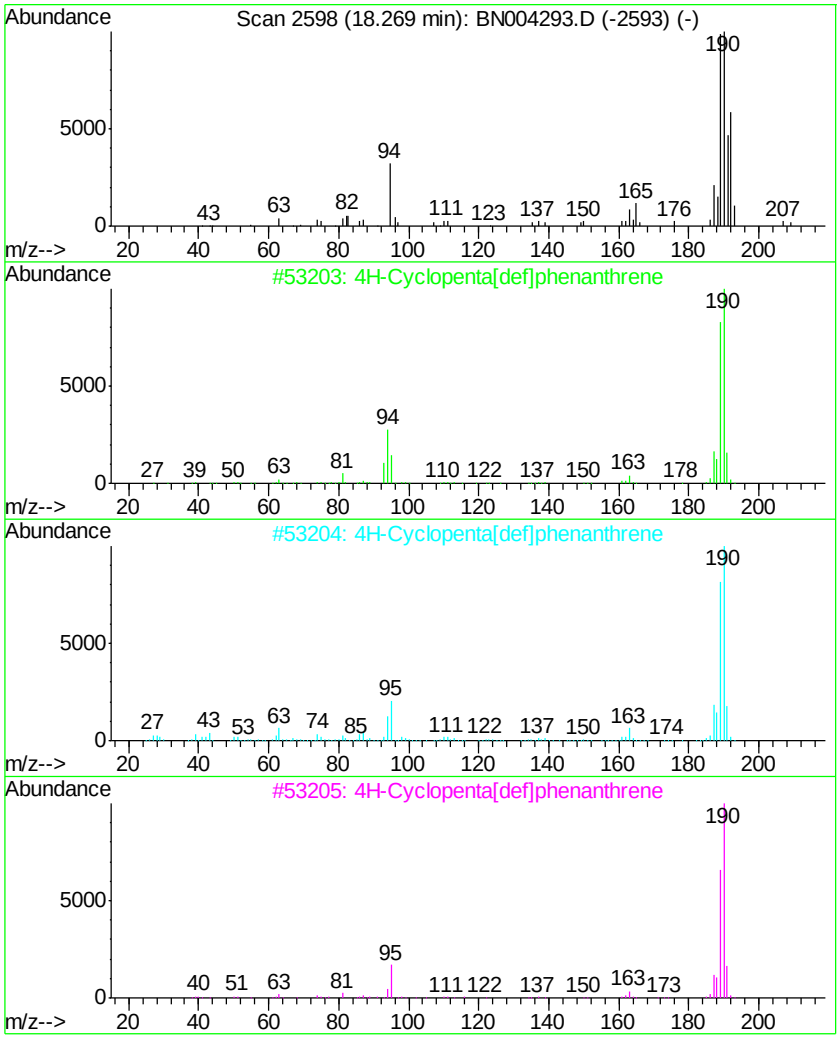
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

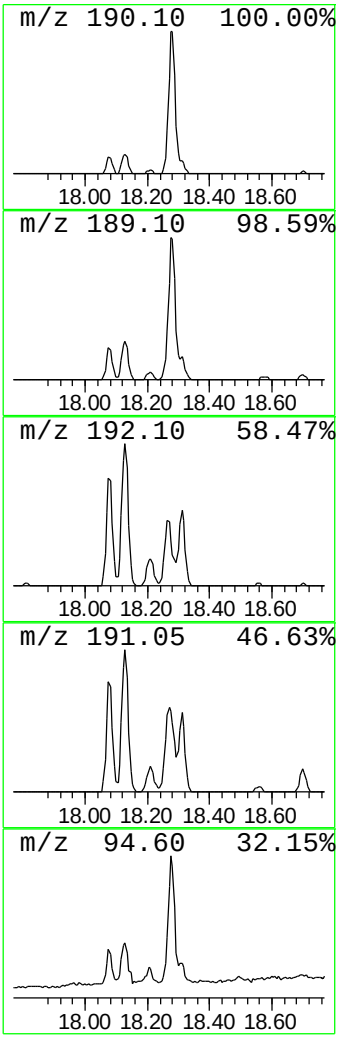
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	6.02 ng/ul	161897	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





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Misc : GCMS Confirmation
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

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

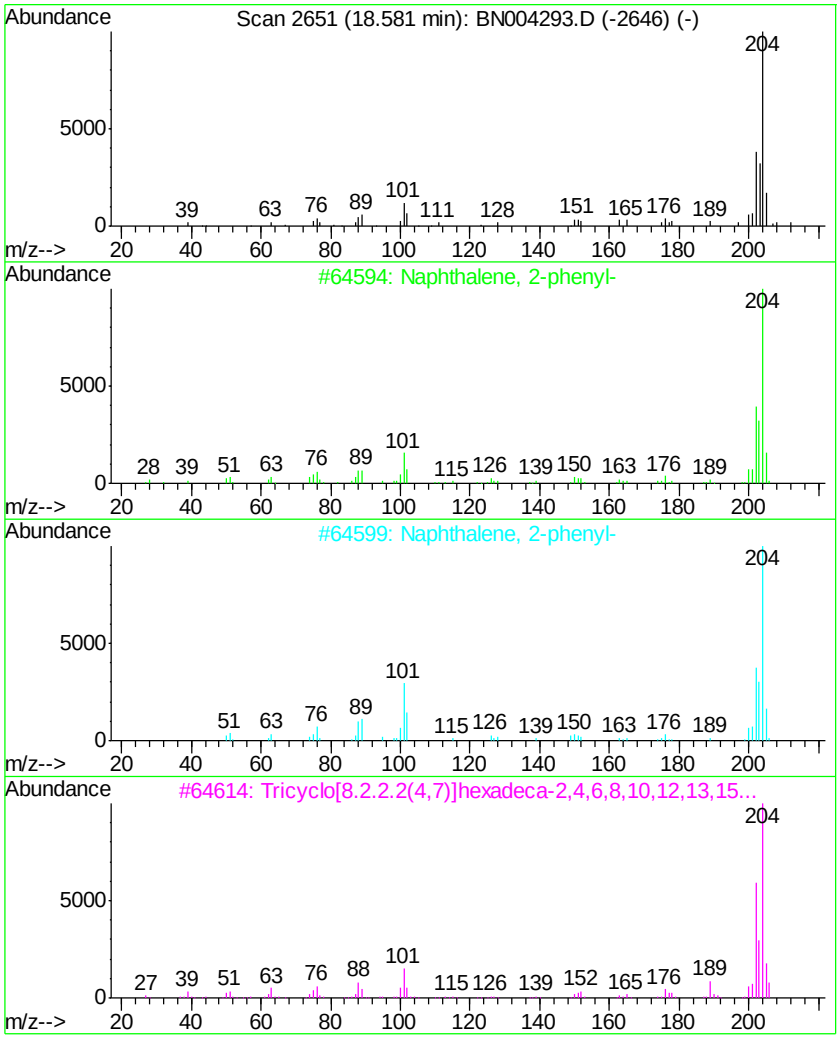
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

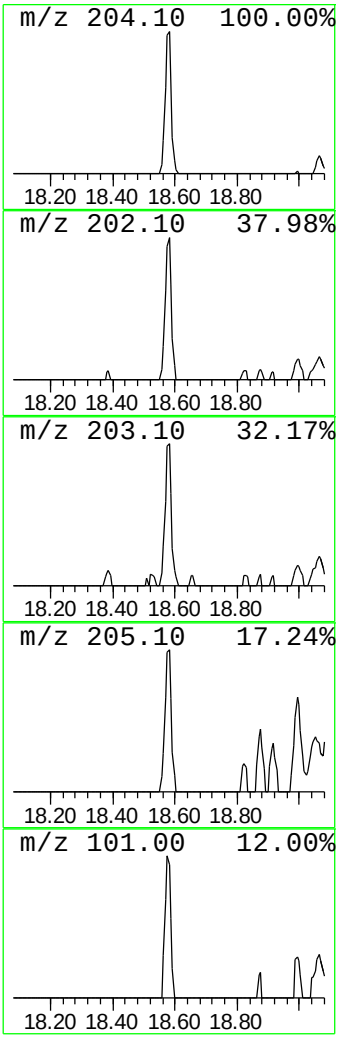
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.46 ng/ul	66174	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41T3

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

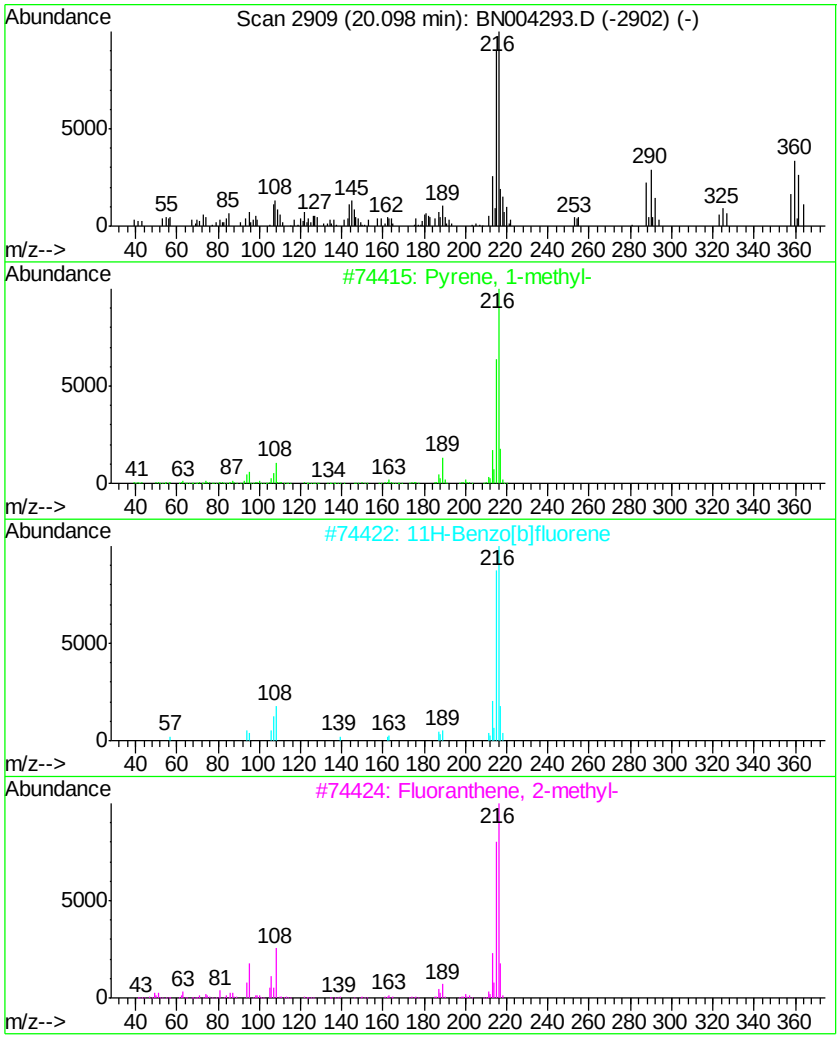
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

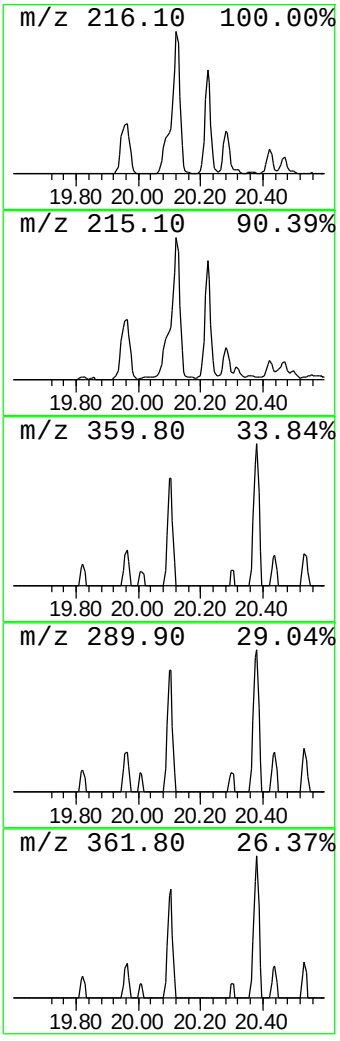
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.00 ng/ul	125931	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.19	8.2	ng/ul	67690	1	7.82	166031	20.0
Anthracene, 2-met...	18.07	2.8	ng/ul	75584	4	17.20	538126	20.0
4H-Cyclopenta[def...	18.27	6.0	ng/ul	161897	4	17.20	538126	20.0
Naphthalene, 2-ph...	18.58	2.5	ng/ul	66174	4	17.20	538126	20.0
Pyrene, 1-methyl-	20.10	2.0	ng/ul	125931	5	21.39	1258620	20.0