LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004299.D
Acq On : 29 Dec 2018 13:49
Operator : JU/SJ
Sample : J6428-07
Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W1

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	65889	73159	6.70%	0.967%
2	7.816	816	821	829	rBB	90569	137129	12.56%	1.813%
3	10.616	1290	1297	1302	rBV	139060	232369	21.28%	3.072%
4	10.663	1302	1305	1311	rVB	11184	17167	1.57%	0.227%
5	14.457	1942	1950	1957	rBV2	252339	399747	36.60%	5.284%
6	14.522	1957	1961	1966	rVB	19772	27663	2.53%	0.366%
7	14.857	2013	2018	2027	rBB	27426	39003	3.57%	0.516%
8	15.510	2123	2129	2136	rBB	41979	61724	5.65%	0.816%
9	15.798	2174	2178	2182	rBB	10800	13533	1.24%	0.179%
10	15.945	2199	2203	2211	rBB	11357	21185	1.94%	0.280%
11	16.510	2292	2299	2303	rBB2	8011	11473	1.05%	0.152%
12	17.027	2382	2387	2392	rVB	17385	23571	2.16%	0.312%
13	17.204	2411	2417	2421	rBV2	351597	510925	46.78%	6.754%
14	17.251	2421	2425	2436	rVV	510968	713370	65.31%	9.430%
15	17.339	2436	2440	2444	rVV	29004	38598	3.53%	0.510%
16	18.074	2560	2565	2569	rBV	47930	65188	5.97%	0.862%
17	18.127	2569	2574	2581	rVB	62640	85921	7.87%	1.136%
18	18.274	2593	2599	2603	rBV2	59502	108865	9.97%	1.439%
19	18.310	2603	2605	2610	rVB	29058	35019	3.21%	0.463%
20	18.580	2647	2651	2657	rBV	36405	47636	4.36%	0.630%
21	18.821	2687	2692	2696	rBV3	9558	12260	1.12%	0.162%
22	18.874	2696	2701	2705	rBV	9466	11625	1.06%	0.154%
23	18.992	2717	2721	2726	rBV	20358	29140	2.67%	0.385%
24	19.051	2726	2731	2735	rBV2	8271	17293	1.58%	0.229%
25	19.269	2762	2768	2774	rBV	664120	891675	81.64%	11.787%
26	19.510	2804	2809	2816	rBV2	11792	19185	1.76%	0.254%
27	19.592	2817	2823	2826	rVV2	89838	140712	12.88%	1.860%
28	19.633	2826	2830	2837	rVV	356823	487506	44.64%	6.445%
29	19.698	2837	2841	2846	rVB	26919	33652	3.08%	0.445%
30	19.810	2855	2860	2864	rBV	29476	39129	3.58%	0.517%
31	19.963	2879	2886	2893	rVB	31880	63244	5.79%	0.836%
32	20.121	2901	2913	2917	rBV3	73577	162281	14.86%	2.145%
33	20.221	2925	2930	2934	rBV2	44852	66857	6.12%	0.884%
34	20.263	2934	2937	2940	rVV	23377	39107	3.58%	0.517%

LSC Area Percent Report

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Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W1

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	20.316	2944	2946	2949	rVV2	11135	11662	1.07%	0.154%
36	20.374	2950	2956	2960	rVB4	14986	29202	2.67%	0.386%
37	20.421	2961	2964	2967	rBV	11406	13066	1.20%	0.173%
38	20.468	2968	2972	2975	rVB2	10659	14217	1.30%	0.188%
39	20.704	3009	3012	3016	rVB4	9556	14302	1.31%	0.189%
40	20.839	3031	3035	3038	rBV5	7548	11073	1.01%	0.146%
41	21.039	3065	3069	3072	rBV	39364	51912	4.75%	0.686%
42	21.074	3072	3075	3079	rVV	54138	71555	6.55%	0.946%
43	21.115	3079	3082	3086	rVV	39756	46733	4.28%	0.618%
44	21.157	3086	3089	3093	rVB2	10562	13496	1.24%	0.178%
45	21.280	3106	3110	3116	rBV	10960	16858	1.54%	0.223%
46	21.392	3121	3129	3133	rVV2	596856	1092205	100.00%	14.438%
47	21.433	3133	3136	3142	rVV	260816	333873	30.57%	4.414%
48	21.504	3145	3148	3152	rVB2	11718	15028	1.38%	0.199%
49	21.951	3218	3224	3228	rVV2	37052	62039	5.68%	0.820%
50	22.004	3230	3233	3239	rVB	21864	32591	2.98%	0.431%
51	22.074	3242	3245	3248	rBV2	12019	16772	1.54%	0.222%
52	22.157	3255	3259	3272	rVB3	20784	55112	5.05%	0.729%
53	22.933	3388	3391	3395	rVB	15110	20460	1.87%	0.270%
54	23.009	3398	3404	3409	rBV	126969	278105	25.46%	3.676%
55	23.186	3431	3434	3441	rVB2	9064	16725	1.53%	0.221%
56	23.509	3484	3489	3497	rVB	53304	99124	9.08%	1.310%
57	23.715	3516	3524	3539	rVB2	285346	571569	52.33%	7.556%

Sum of corrected areas: 7564590

LSC Report - Integrated Chromatogram

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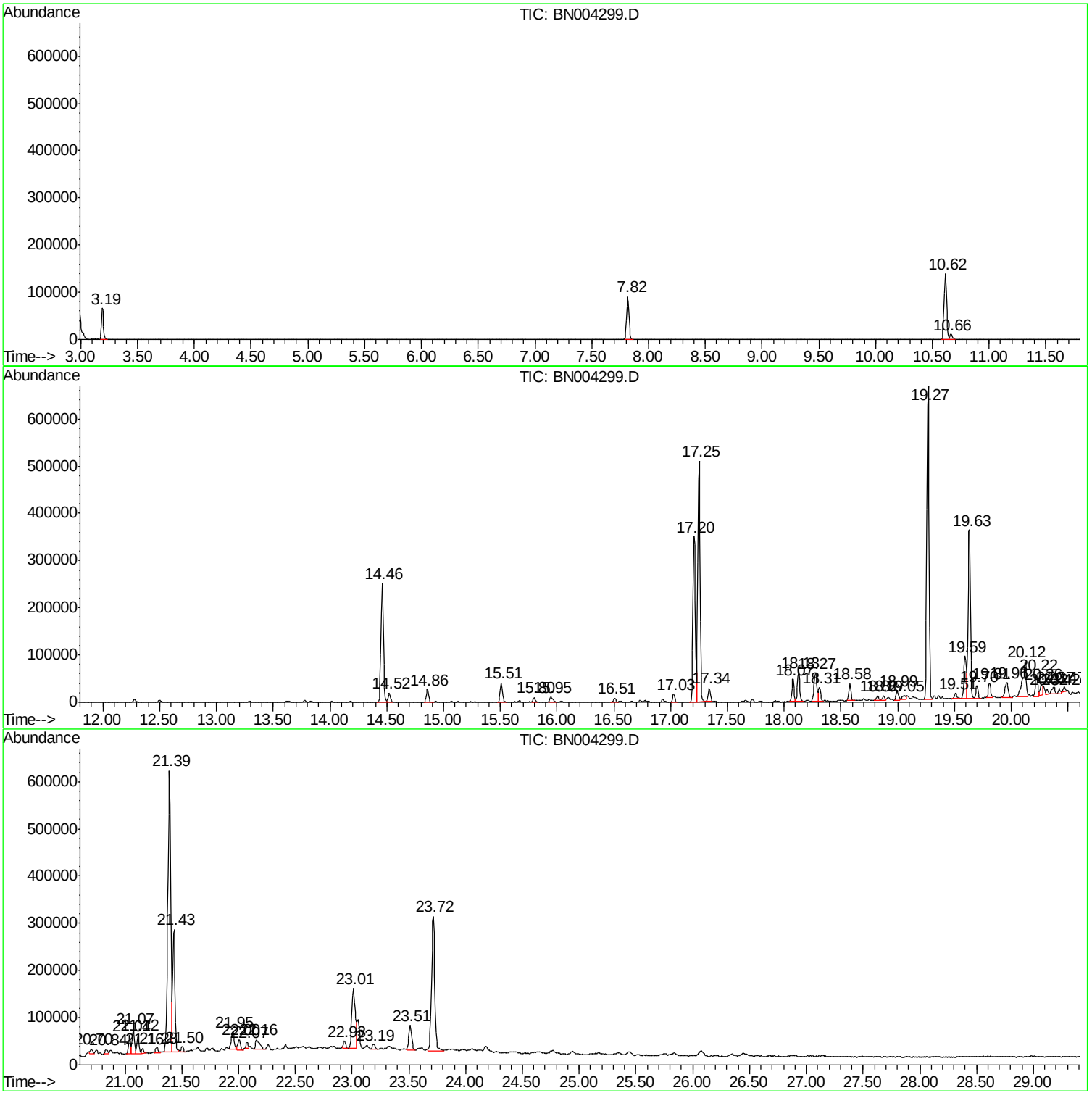
Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W1

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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Acq On : 29 Dec 2018 13:49
Operator : JU/SJ
Sample : J6428-07
Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W1

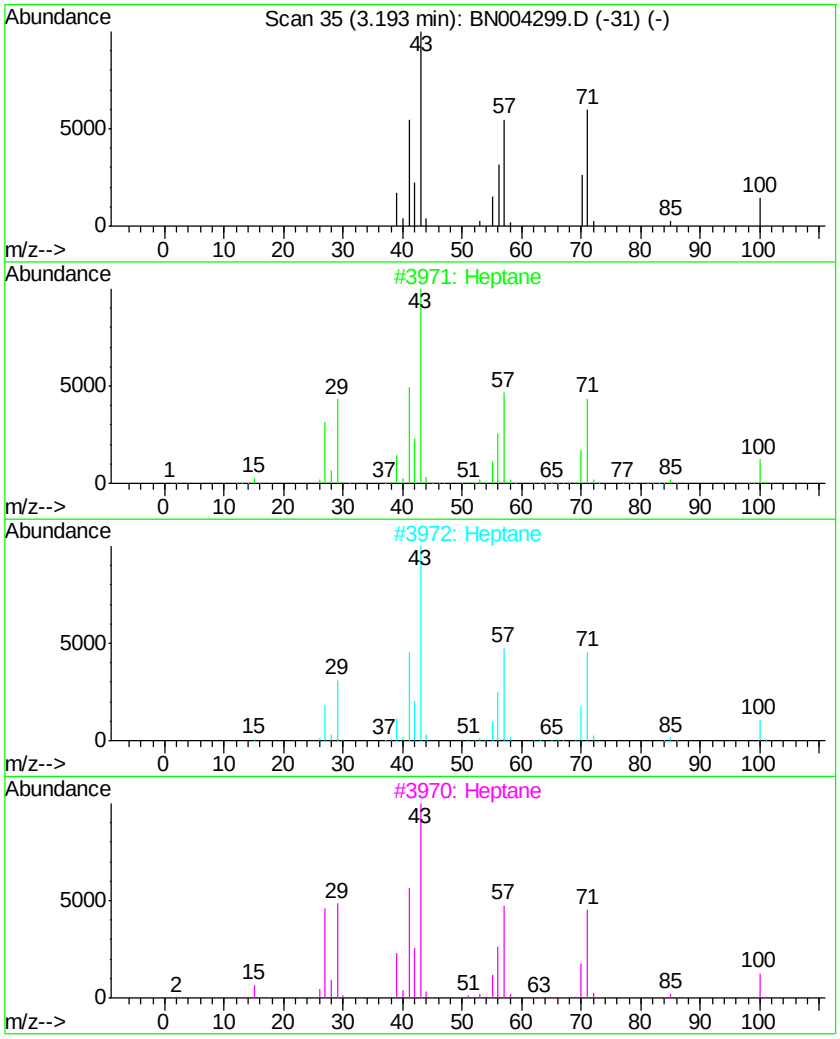
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

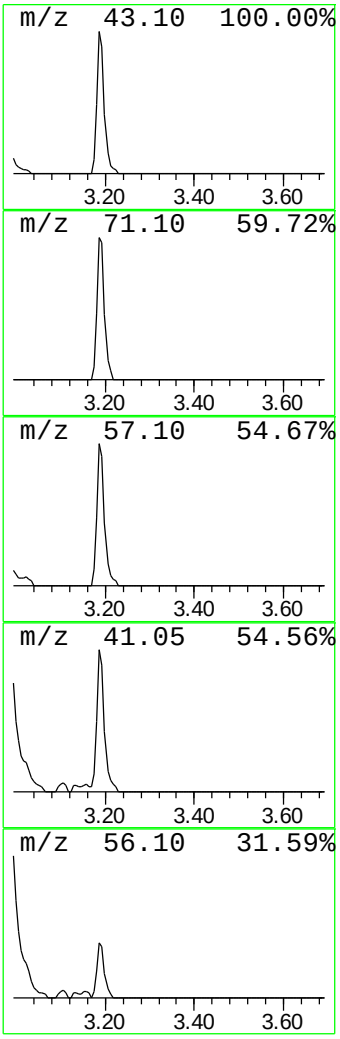
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	10.67 ng/ul	73159	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
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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Operator : JU/SJ
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Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W1

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

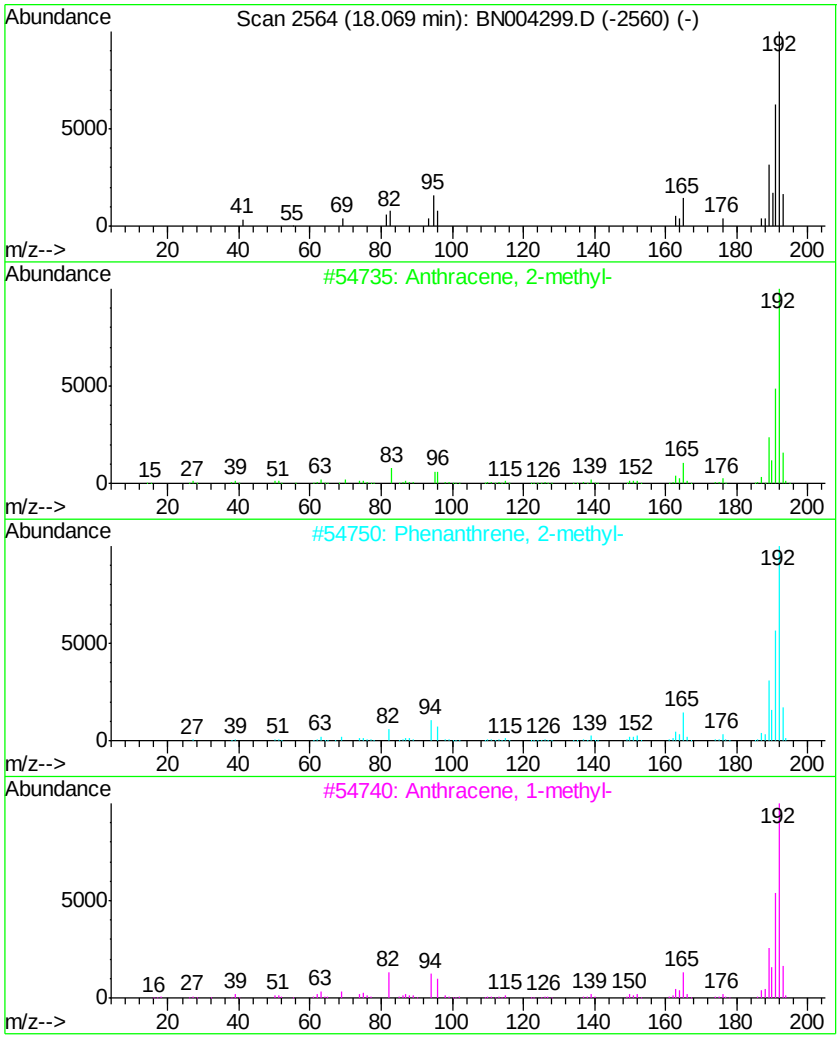
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

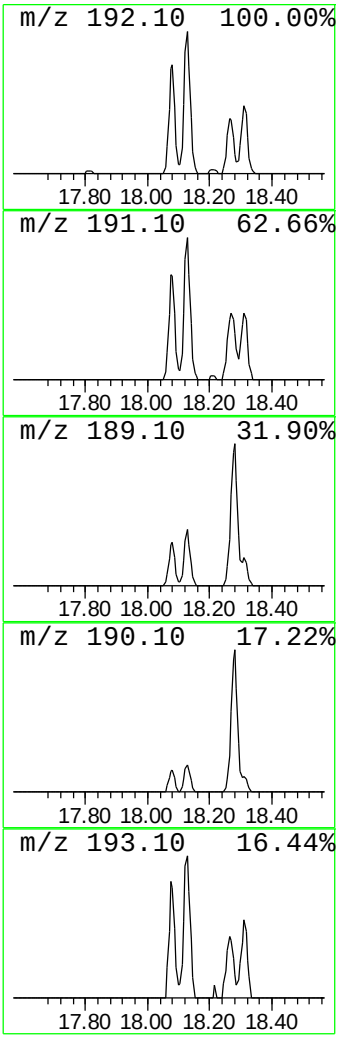
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.55 ng/ul	65188	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, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

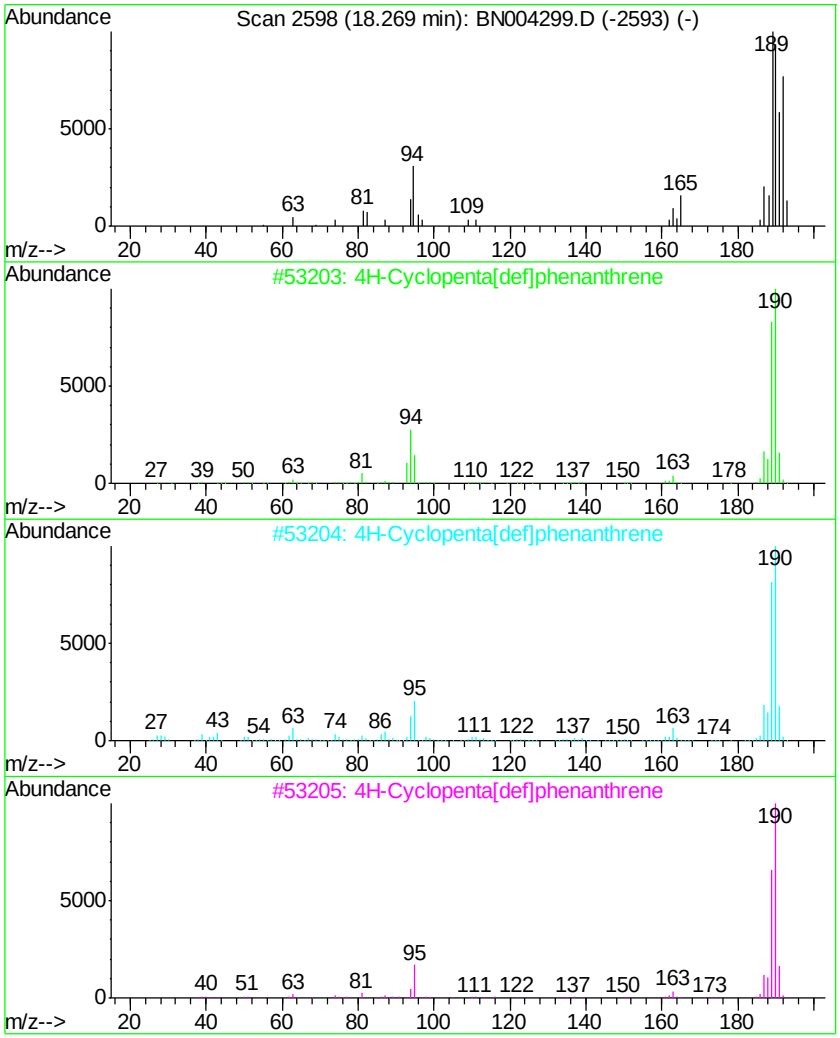
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

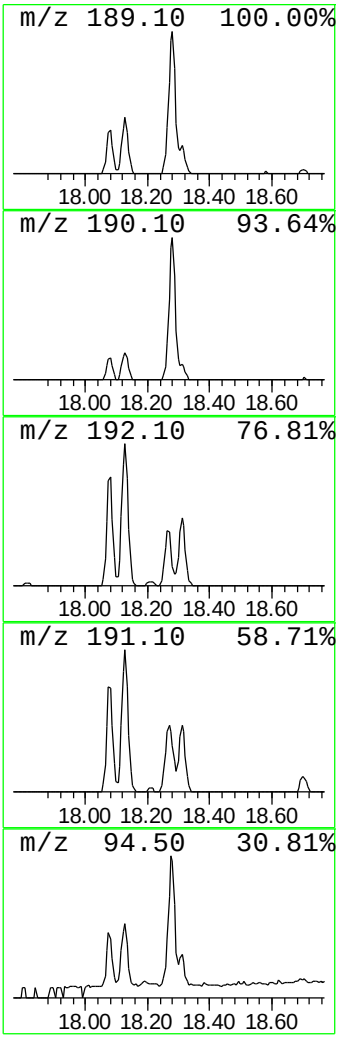
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	4.26 ng/ul	108865	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W1

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

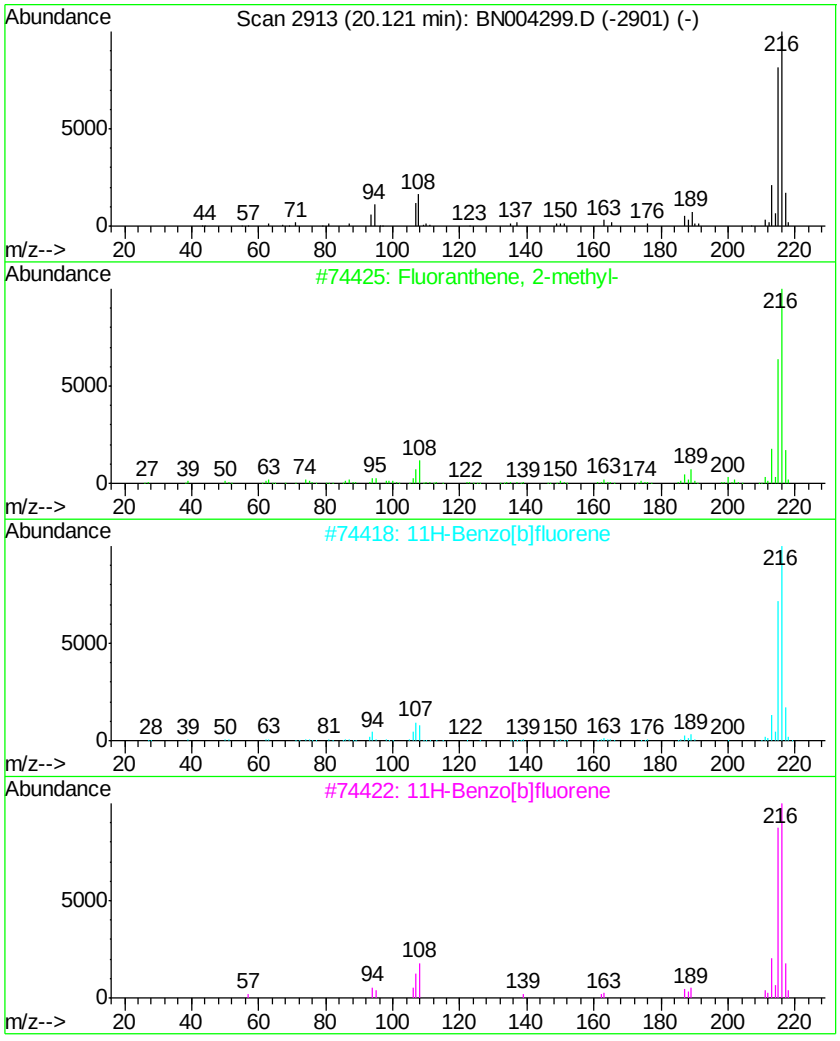
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

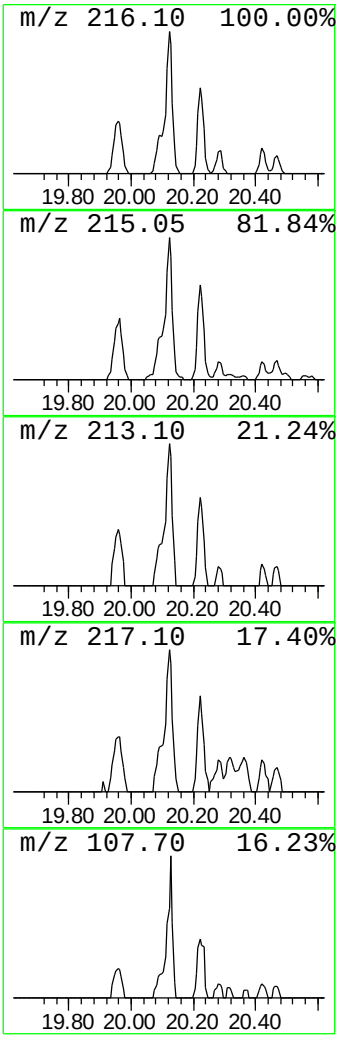
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.97 ng/ul	162281	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Quant Title : SVOA CALIBRATION

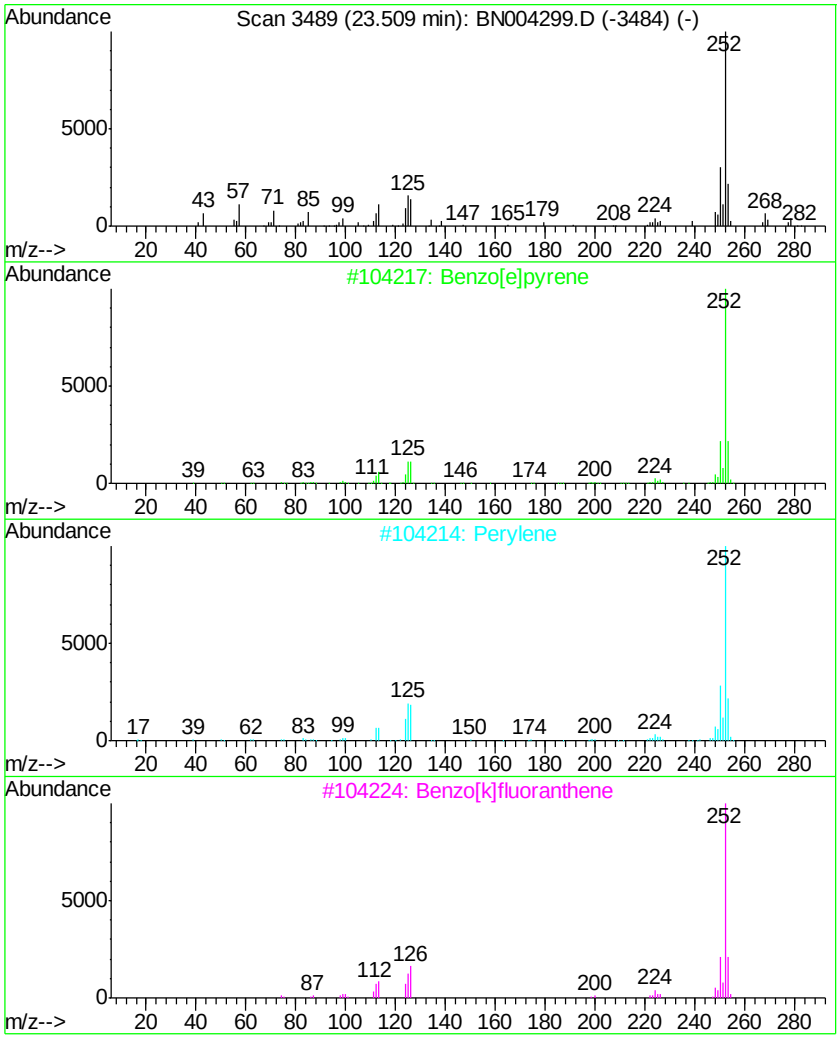
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

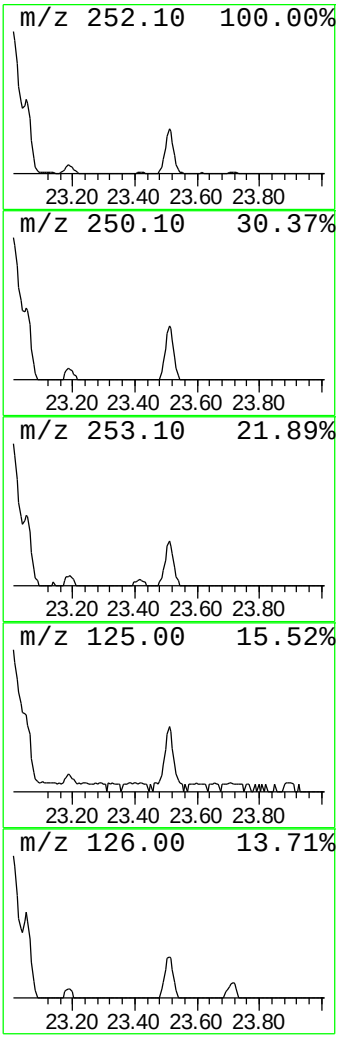
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	3.47 ng/ul	99124	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





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	10.7	ng/ul	73159	1	7.82	137129	20.0
Anthracene, 2-met...	18.07	2.5	ng/ul	65188	4	17.20	510925	20.0
4H-Cyclopenta[def...	18.27	4.3	ng/ul	108865	4	17.20	510925	20.0
Fluoranthene, 2-m...	20.12	3.0	ng/ul	162281	5	21.39	1092210	20.0
Benzo[e]pyrene	23.51	3.5	ng/ul	99124	6	23.72	571569	20.0