LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012734.D
Acq On : 05 Nov 2017 07:15
Operator : SJ/JU
Sample : I5825-11 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-5

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.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	3.816	117	124	132	rVB	91112	119455	4.28%	0.573%
2	4.034	156	161	168	rVB	129006	167994	6.03%	0.806%
3	4.951	308	317	323	rVB2	24150	38430	1.38%	0.184%
4	5.034	326	331	340	rBV	21389	33701	1.21%	0.162%
5	6.992	656	664	677	rBB2	134269	259503	9.31%	1.245%
6	7.145	684	690	698	rBV	111727	170070	6.10%	0.816%
7	7.351	719	725	734	rVB	152124	240179	8.61%	1.152%
8	7.816	797	804	812	rBV	315554	496167	17.80%	2.380%
9	8.528	918	925	936	rBB	128428	201666	7.23%	0.967%
10	8.969	994	1000	1007	rBV	139671	227023	8.14%	1.089%
11	9.692	1117	1123	1132	rBB	107169	177544	6.37%	0.852%
12	10.233	1209	1215	1225	rBV	167156	286145	10.26%	1.373%
13	10.604	1270	1278	1284	rBV	397508	664650	23.84%	3.189%
14	10.751	1296	1303	1315	rBV2	40400	83861	3.01%	0.402%
15	13.857	1822	1831	1836	rBV	300479	440695	15.81%	2.114%
16	13.904	1836	1839	1848	rVB	192415	271402	9.73%	1.302%
17	14.145	1874	1880	1890	rBV2	398024	686376	24.62%	3.293%
18	14.451	1924	1932	1939	rBV2	580132	892329	32.01%	4.281%
19	14.515	1939	1943	1951	rVB2	29164	44208	1.59%	0.212%
20	14.674	1964	1970	1979	rBV3	49093	89497	3.21%	0.429%
21	14.851	1997	2000	2007	rVB	22081	33492	1.20%	0.161%
22	15.445	2095	2101	2107	rBV	529466	737879	26.47%	3.540%
23	15.504	2107	2111	2120	rVB	43199	68156	2.44%	0.327%
24	15.580	2120	2124	2129	rBV	26389	38017	1.36%	0.182%
25	15.710	2136	2146	2151	rBV10	18550	44389	1.59%	0.213%
26	15.810	2156	2163	2169	rBV2	96210	149040	5.35%	0.715%
27	15.939	2177	2185	2191	rBV7	12817	35405	1.27%	0.170%
28	16.168	2219	2224	2226	rBV3	35174	56396	2.02%	0.271%
29	16.857	2337	2341	2346	rBV3	26233	44782	1.61%	0.215%
30	17.015	2364	2368	2372	rVB2	39240	57172	2.05%	0.274%
31	17.198	2393	2399	2403	rBV2	788450	1114111	39.96%	5.345%
32	17.239	2403	2406	2411	rVV	444612	592648	21.26%	2.843%
33	17.298	2411	2416	2419	rVV	588814	835508	29.97%	4.008%
34	17.327	2419	2421	2427	rVV	167896	211674	7.59%	1.015%

LSC Area Percent Report

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Acq On : 05 Nov 2017 07:15
Operator : SJ/JU
Sample : I5825-11 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-5

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Title : SVOA CALIBRATION

35	17.392	2427	2432	2437	rVB7	19494	41779	1.50%	0.200%
36	17.598	2464	2467	2472	rBV	42412	61276	2.20%	0.294%
37	17.780	2494	2498	2501	rBV3	27659	34482	1.24%	0.165%
38	18.086	2544	2550	2553	rBV2	111173	222223	7.97%	1.066%
39	18.121	2553	2556	2560	rVB	107986	138080	4.95%	0.662%
40	18.162	2560	2563	2566	rVB	67852	74969	2.69%	0.360%
41	18.203	2566	2570	2574	rVB	42709	57952	2.08%	0.278%
42	18.268	2576	2581	2584	rBV3	126496	209722	7.52%	1.006%
43	18.386	2598	2601	2604	rBV3	34189	37499	1.34%	0.180%
44	18.574	2629	2633	2637	rBV	73782	93200	3.34%	0.447%
45	18.615	2637	2640	2646	rVB3	50502	76856	2.76%	0.369%
46	18.874	2681	2684	2687	rVB	50120	57732	2.07%	0.277%
47	18.992	2700	2704	2707	rBV	74425	114347	4.10%	0.549%
48	19.256	2744	2749	2755	rVB	1221287	1599928	57.39%	7.675%
49	19.586	2800	2805	2808	rBV2	886991	1351773	48.48%	6.485%
50	19.615	2808	2810	2819	rVB	1022363	1271836	45.62%	6.101%
51	19.686	2820	2822	2828	rVV2	64035	102045	3.66%	0.490%
52	20.109	2891	2894	2900	rVB	202004	280227	10.05%	1.344%
53	21.374	3103	3109	3113	rBV2	1483531	2788056	100.00%	13.375%
54	21.415	3113	3116	3121	rVB	659610	844712	30.30%	4.052%
55	23.521	3471	3474	3478	rBV2	412649	605966	21.73%	2.907%
56	23.668	3495	3499	3504	rVB2	699545	1170439	41.98%	5.615%

Sum of corrected areas: 20844663

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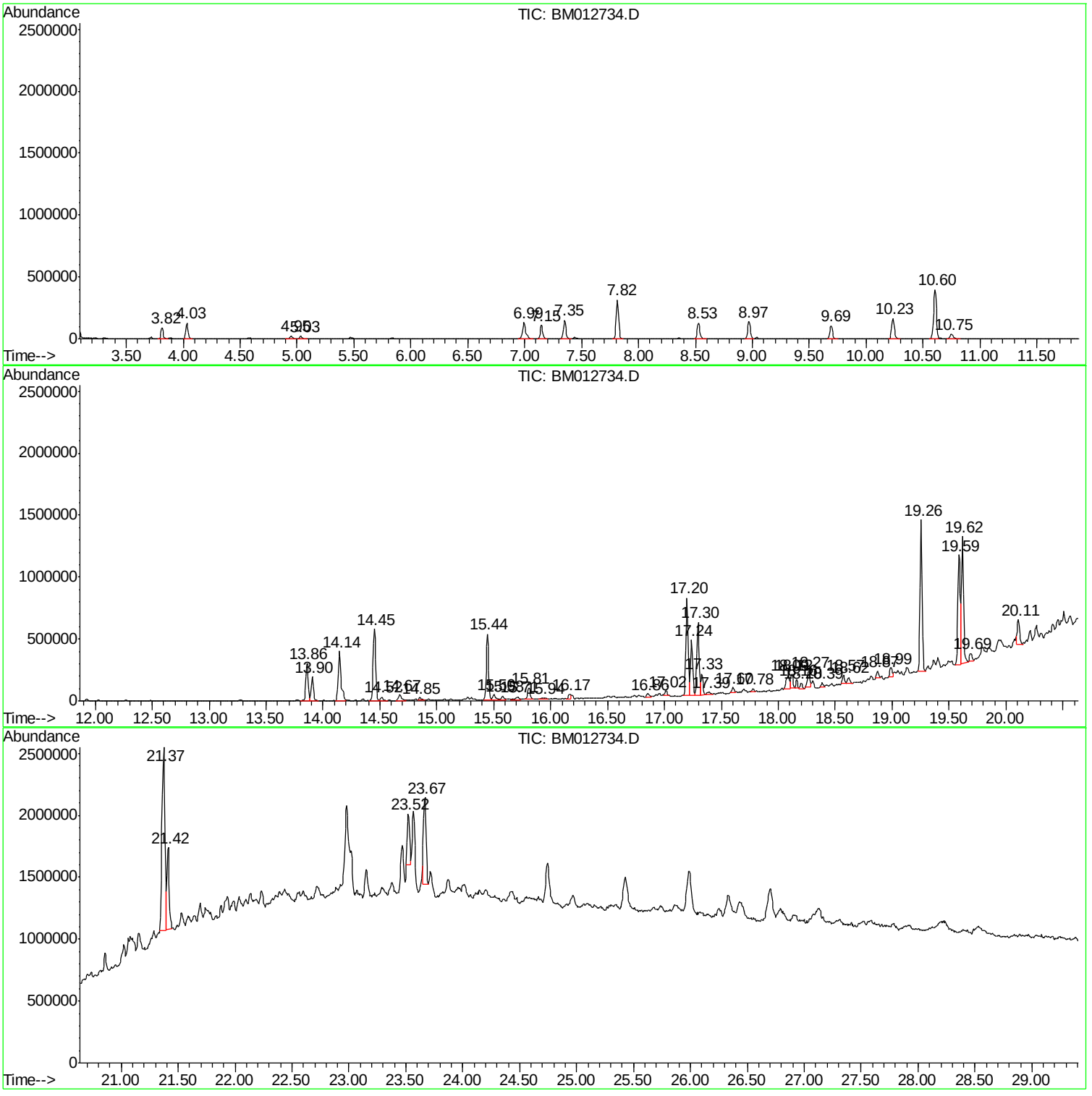
Sample : I5825-11 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

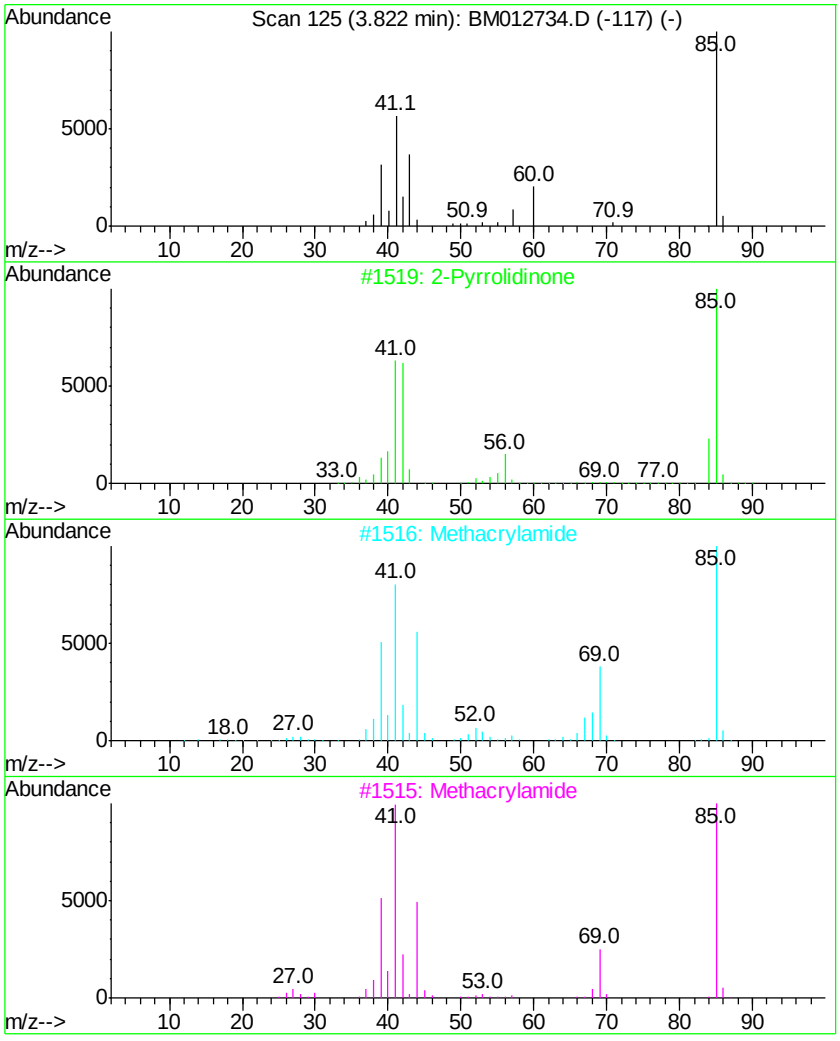
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

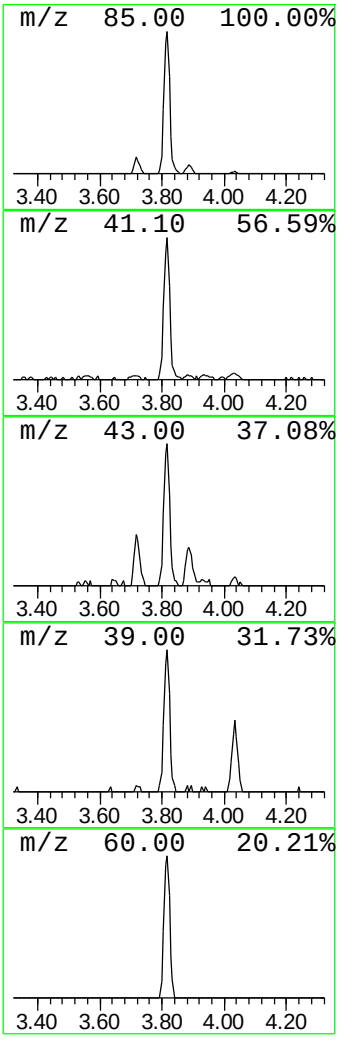
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	4.82 ng/ul	119455	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
2	Methacrylamide	85	C4H7NO	000079-39-0	33
3	Methacrylamide	85	C4H7NO	000079-39-0	25
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





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Data File : BM012734.D
Acq On : 05 Nov 2017 07:15
Operator : SJ/JU
Sample : I5825-11 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

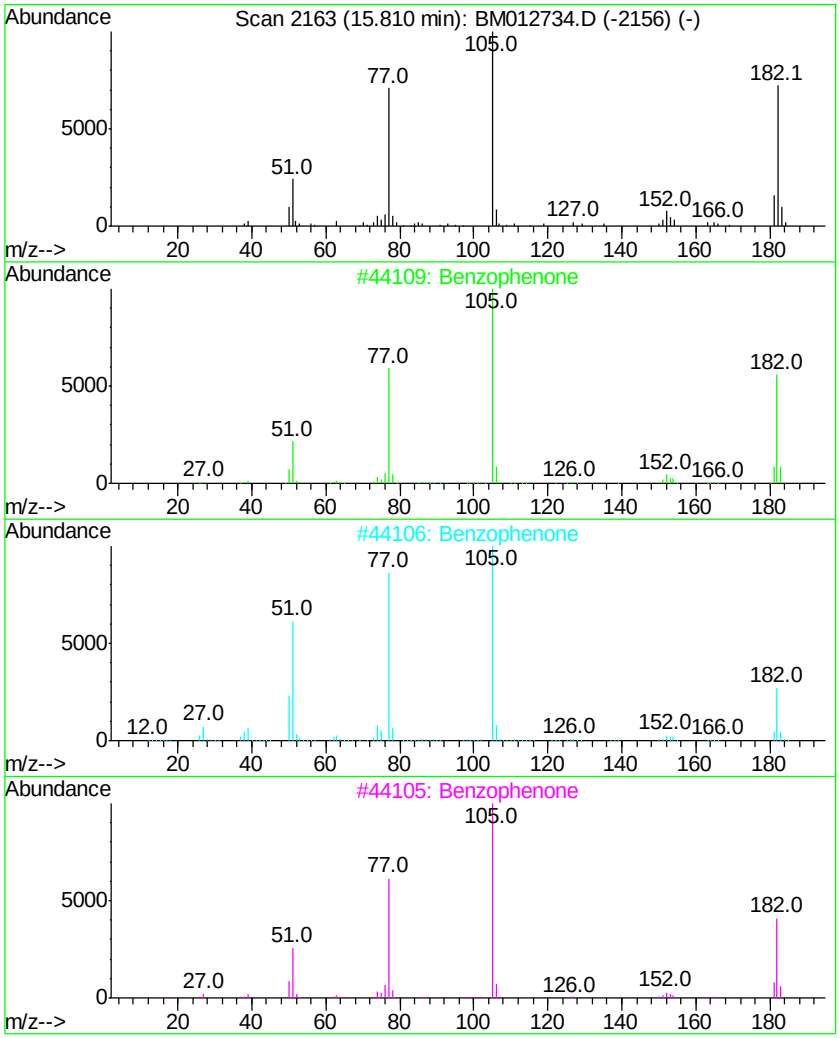
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

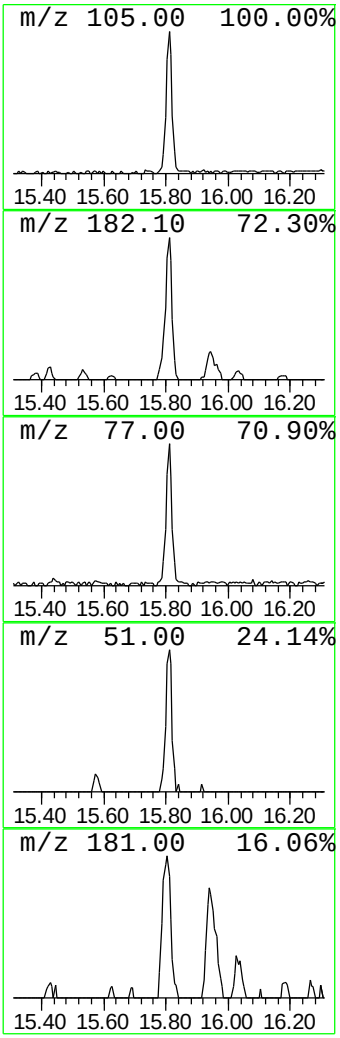
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.34 ng/ul	149040	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	87





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : DUP-5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

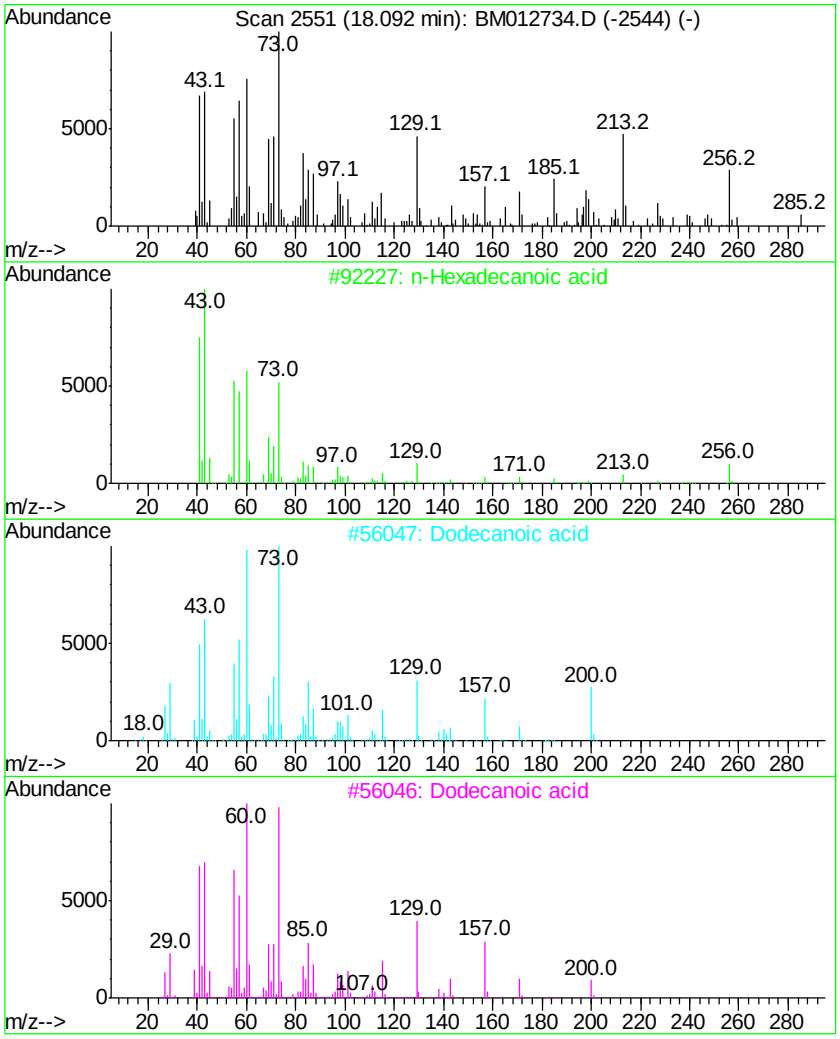
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

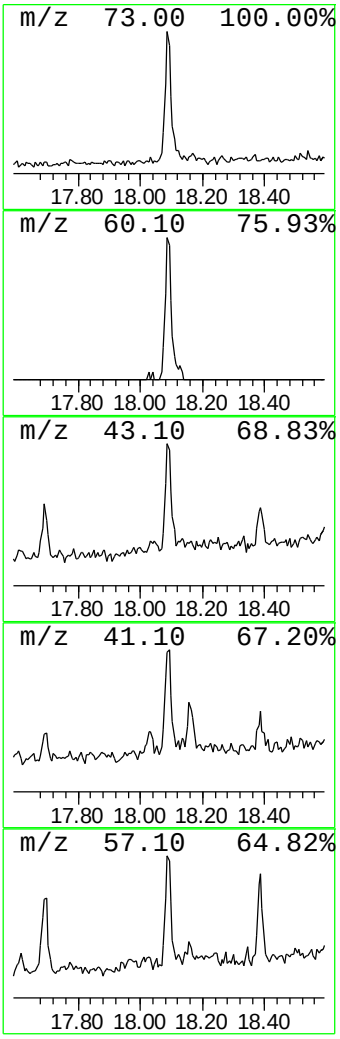
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.99 ng/ul	222223	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	46
3	Dodecanoic acid	200	C12H24O2	000143-07-7	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : DUP-5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

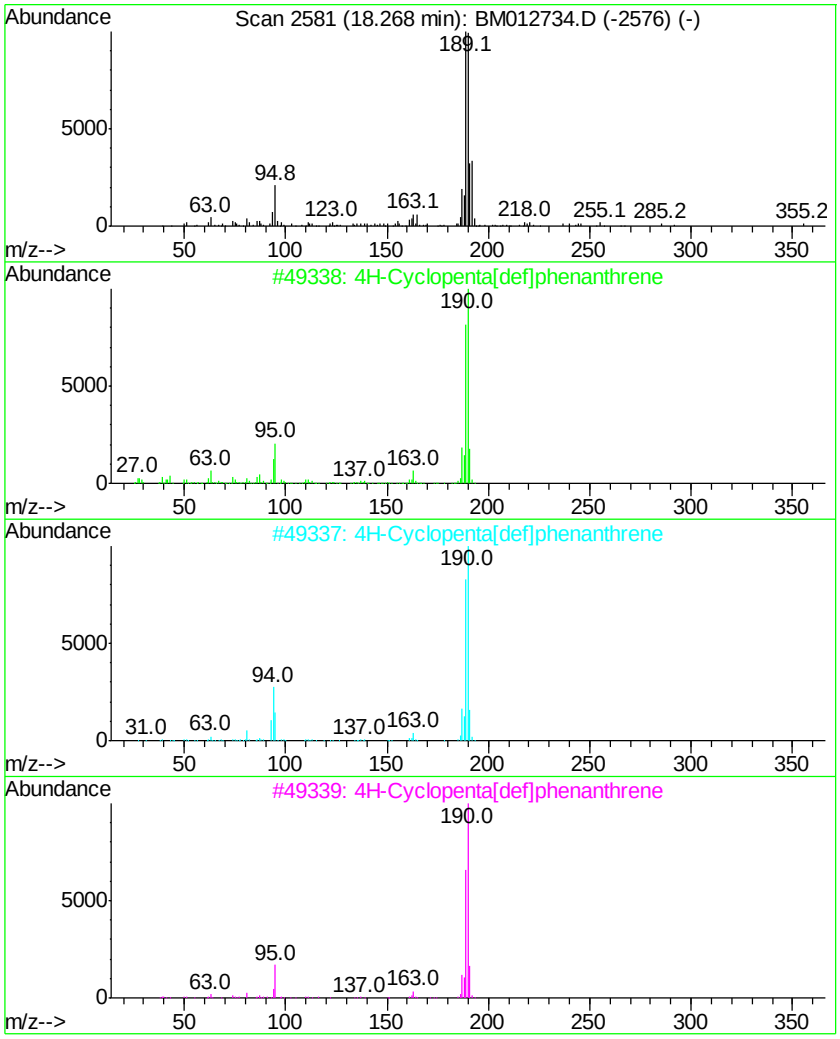
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

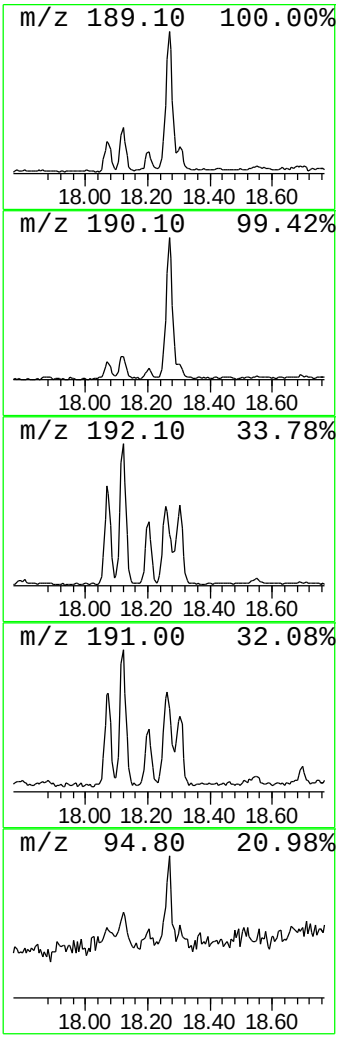
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.76 ng/ul	209722	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

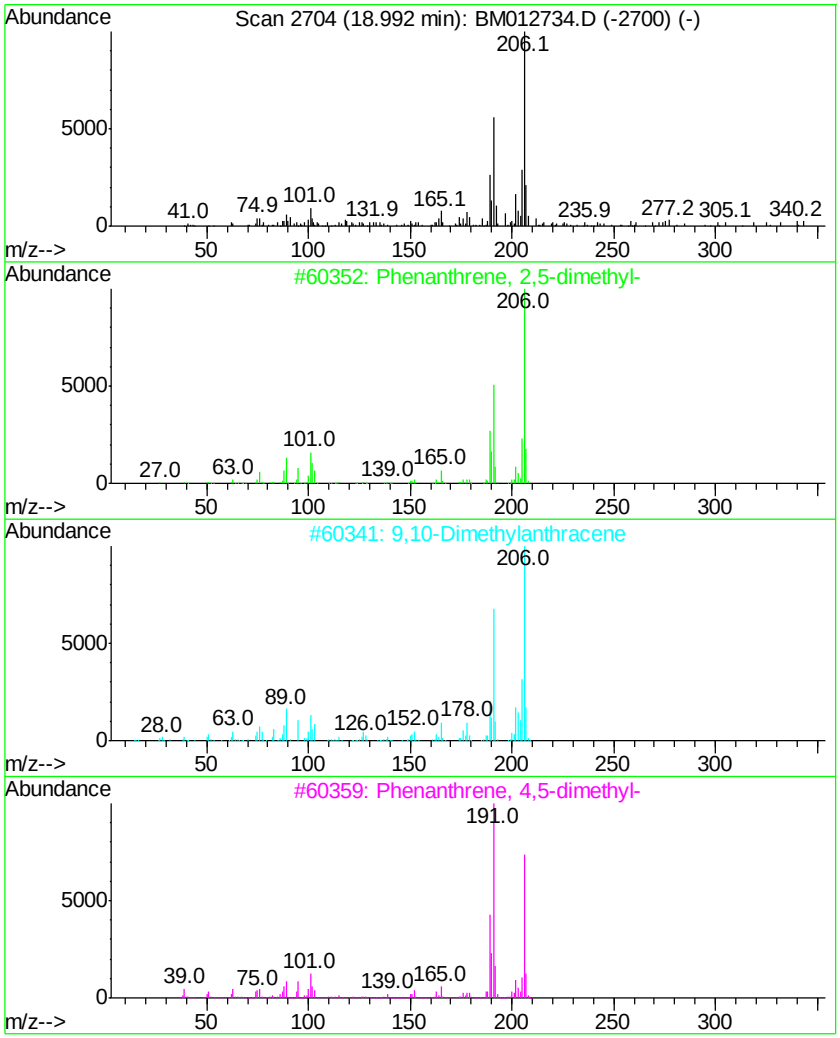
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

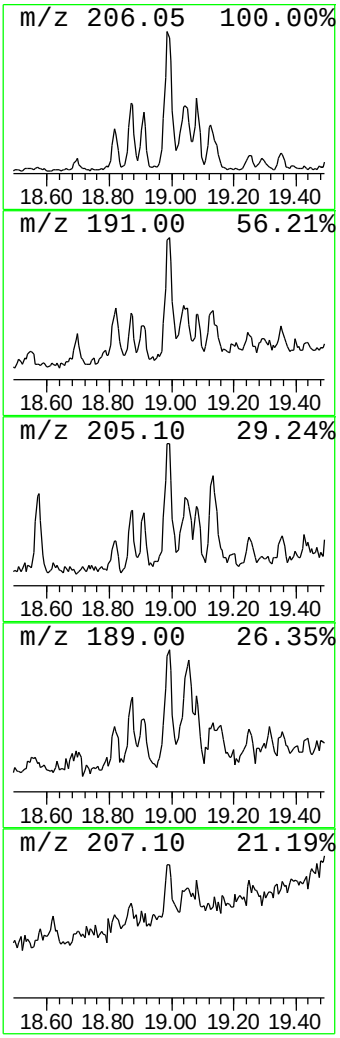
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.05 ng/ul	114347	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

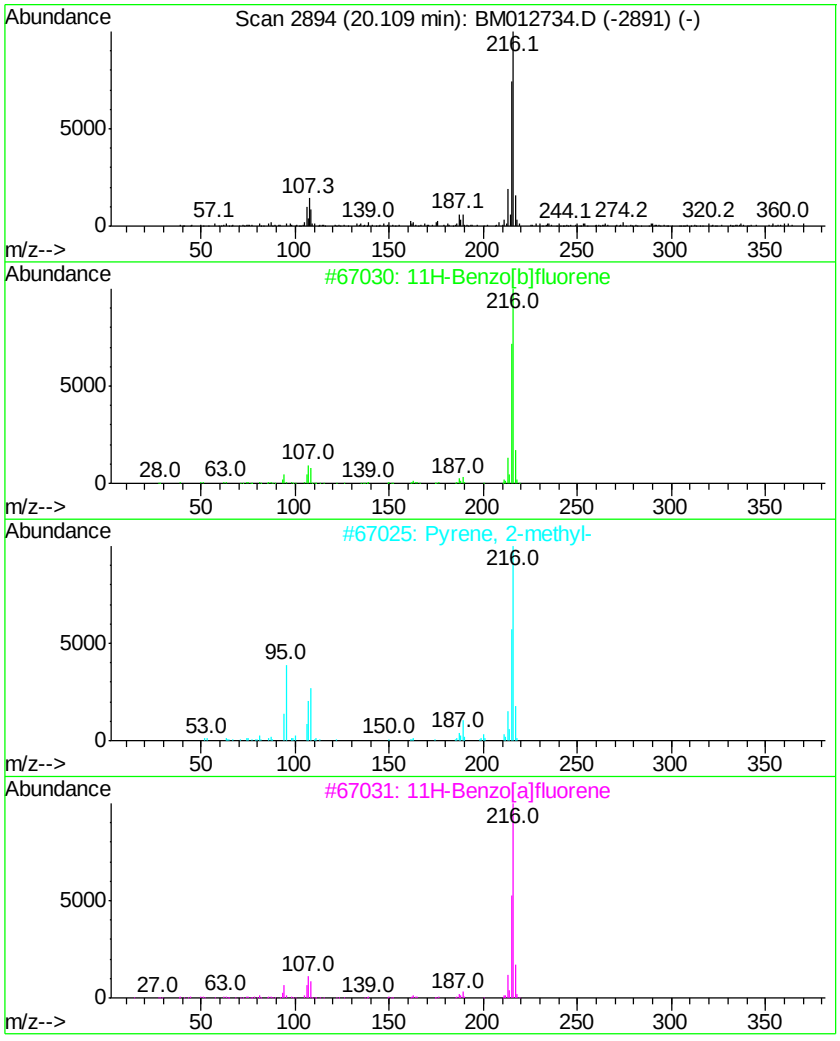
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

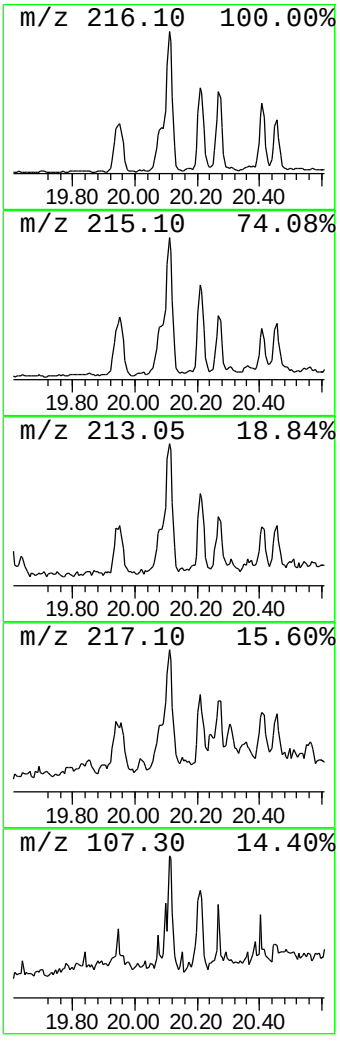
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.01 ng/ul	280227	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.82	4.8	ng/ul	119455	1	7.82	496167	20.0
Benzophenone	15.81	3.3	ng/ul	149040	3	14.45	892329	20.0
n-Hexadecanoic acid	18.09	4.0	ng/ul	222223	4	17.20	1114110	20.0
4H-Cyclopenta[def...	18.27	3.8	ng/ul	209722	4	17.20	1114110	20.0
Phenanthrene, 2,5...	18.99	2.0	ng/ul	114347	4	17.20	1114110	20.0
11H-Benzo[b]fluorene	20.11	2.0	ng/ul	280227	5	21.37	2788060	20.0