LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

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-BM062017.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	6.645	633	639	649	rVB	368667	570101	15.99%	1.435%
2	6.810	661	667	675	rVB	257441	376044	10.55%	0.946%
3	6.998	692	699	706	rVB	380017	570235	15.99%	1.435%
4	7.463	771	778	784	rBB	341260	529217	14.84%	1.332%
5	8.163	891	897	904	rBV	486762	760923	21.34%	1.915%
6	8.604	964	972	980	rBB	395225	622228	17.45%	1.566%
7	9.316	1087	1093	1100	rBV	390594	612168	17.17%	1.541%
8	9.851	1177	1184	1191	rBV	574471	935942	26.25%	2.355%
9	10.222	1240	1247	1253	rBV	522542	849823	23.83%	2.139%
10	10.363	1265	1271	1284	rBV	446255	738174	20.70%	1.858%
11	13.533	1804	1810	1815	rBV	1239281	1673557	46.93%	4.212%
12	13.580	1815	1818	1823	rVB	150496	185119	5.19%	0.466%
13	13.798	1848	1855	1867	rBB	1172784	1833421	51.42%	4.614%
14	13.980	1882	1886	1891	rBV3	38098	49388	1.39%	0.124%
15	14.110	1900	1908	1915	rBV2	841450	1297154	36.38%	3.264%
16	14.327	1936	1945	1955	rBV	655269	931964	26.14%	2.345%
17	15.115	2071	2079	2085	rBV	1627571	2277590	63.87%	5.732%
18	15.239	2094	2100	2106	rBV	636372	835051	23.42%	2.101%
19	15.362	2112	2121	2128	rBV5	50997	82403	2.31%	0.207%
20	15.515	2142	2147	2151	rBV	292475	360070	10.10%	0.906%
21	16.868	2371	2377	2381	rBV	1199851	1663122	46.64%	4.185%
22	16.909	2381	2384	2388	rVV	269875	347573	9.75%	0.875%
23	16.968	2388	2394	2405	rVB	1818459	2617527	73.41%	6.587%
24	17.274	2442	2446	2450	rVB	46357	55152	1.55%	0.139%
25	17.668	2506	2513	2517	rBV5	29596	48226	1.35%	0.121%
26	17.727	2518	2523	2529	rVV3	105891	190443	5.34%	0.479%
27	17.792	2529	2534	2541	rVV	306947	411805	11.55%	1.036%
28	17.868	2541	2547	2550	rVV3	24981	47241	1.32%	0.119%
29	17.933	2552	2558	2563	rVV3	57059	115391	3.24%	0.290%
30	18.092	2581	2585	2591	rVB3	28513	41064	1.15%	0.103%
31	18.256	2608	2613	2615	rBV	35915	47974	1.35%	0.121%
32	18.286	2615	2618	2624	rVB2	41533	53635	1.50%	0.135%
33	18.674	2677	2684	2689	rBV3	107573	162807	4.57%	0.410%
34	18.903	2716	2723	2724	rBV4	35241	48836	1.37%	0.123%

LSC Area Percent Report

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Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

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-BM062017.M
Title : SVOA CALIBRATION

35	18.939	2724	2729	2735	rVB	667158	879972	24.68%	2.214%
36	19.086	2750	2754	2758	rBV3	134999	162851	4.57%	0.410%
37	19.192	2768	2772	2776	rVB2	107637	126650	3.55%	0.319%
38	19.239	2776	2780	2782	rBV	211946	247064	6.93%	0.622%
39	19.280	2782	2787	2790	rBV	2605254	3565845	100.00%	8.974%
40	19.374	2799	2803	2810	rVB3	36473	71116	1.99%	0.179%
41	19.486	2817	2822	2827	rBV	45356	74604	2.09%	0.188%
42	19.550	2827	2833	2838	rVB3	56297	96191	2.70%	0.242%
43	19.639	2838	2848	2854	rBV4	70291	169161	4.74%	0.426%
44	19.774	2862	2871	2873	rBV9	50995	113966	3.20%	0.287%
45	19.803	2873	2876	2882	rVB	79307	121845	3.42%	0.307%
46	19.909	2890	2894	2897	rBV2	30793	39597	1.11%	0.100%
47	19.962	2897	2903	2907	rVV3	93081	146805	4.12%	0.369%
48	20.003	2907	2910	2915	rVB4	50224	59931	1.68%	0.151%
49	20.103	2923	2927	2931	rBV2	58138	76898	2.16%	0.194%
50	20.150	2931	2935	2940	rBV2	48533	74674	2.09%	0.188%
51	20.297	2956	2960	2965	rVB3	193434	215444	6.04%	0.542%
52	20.480	2988	2991	2995	rBV5	43306	49823	1.40%	0.125%
53	20.556	3000	3004	3010	rVB	115551	164727	4.62%	0.415%
54	20.727	3027	3033	3037	rBV2	87269	161512	4.53%	0.406%
55	20.768	3037	3040	3043	rVV	77952	109509	3.07%	0.276%
56	20.821	3043	3049	3052	rVV3	185845	311467	8.73%	0.784%
57	20.856	3052	3055	3060	rVB	96018	136681	3.83%	0.344%
58	20.950	3068	3071	3079	rVB6	66302	107659	3.02%	0.271%
59	21.038	3081	3086	3087	rBV2	46272	70449	1.98%	0.177%
60	21.080	3087	3093	3097	rVV2	1547411	2495632	69.99%	6.280%
61	21.115	3097	3099	3111	rVB	394786	561502	15.75%	1.413%
62	21.233	3117	3119	3123	rBV3	32619	48106	1.35%	0.121%
63	21.391	3141	3146	3152	rBV3	64897	140630	3.94%	0.354%
64	21.438	3152	3154	3158	rVB5	38404	41116	1.15%	0.103%
65	21.568	3173	3176	3179	rBV4	34841	45207	1.27%	0.114%
66	21.621	3182	3185	3188	rVB	92355	118393	3.32%	0.298%
67	21.674	3190	3194	3200	rBV4	63195	120723	3.39%	0.304%
68	22.585	3344	3349	3362	rVB	365284	1063021	29.81%	2.675%
69	23.038	3422	3426	3429	rBV	155294	244952	6.87%	0.616%
70	23.091	3429	3435	3440	rVV2	1655728	2891884	81.10%	7.278%
71	23.132	3440	3442	3449	rVB	280224	408656	11.46%	1.028%

LSC Area Percent Report

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Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

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-BM062017.M
Title : SVOA CALIBRATION

72	23.221	3451	3457	3463	rBV	673468	1227951	34.44%	3.090%
73	23.750	3542	3547	3552	rVB4	86711	157892	4.43%	0.397%
74	25.268	3801	3805	3806	rBV4	36912	47035	1.32%	0.118%
75	25.550	3846	3853	3864	rVB6	307729	828332	23.23%	2.085%

Sum of corrected areas: 39736841

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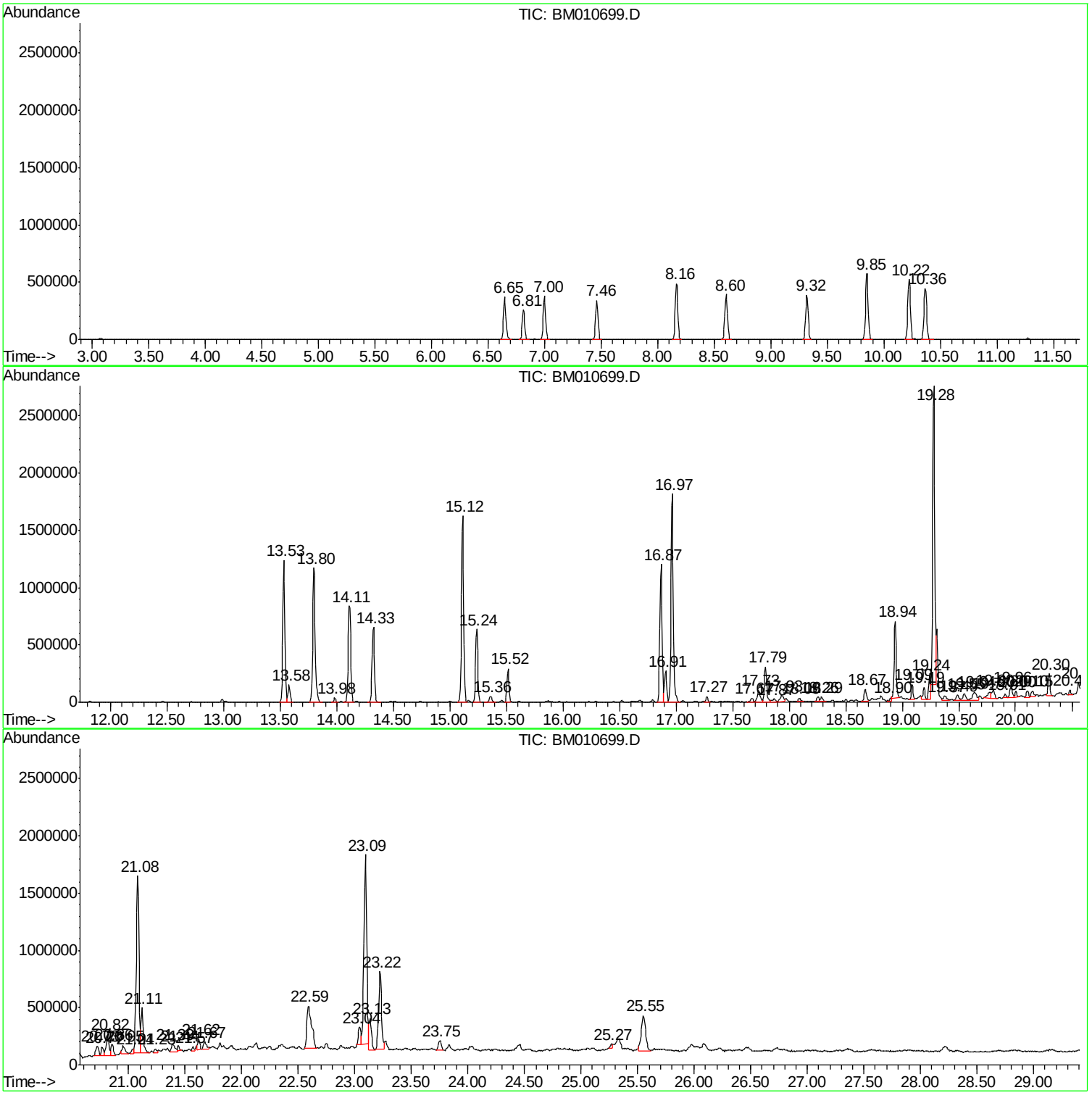
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

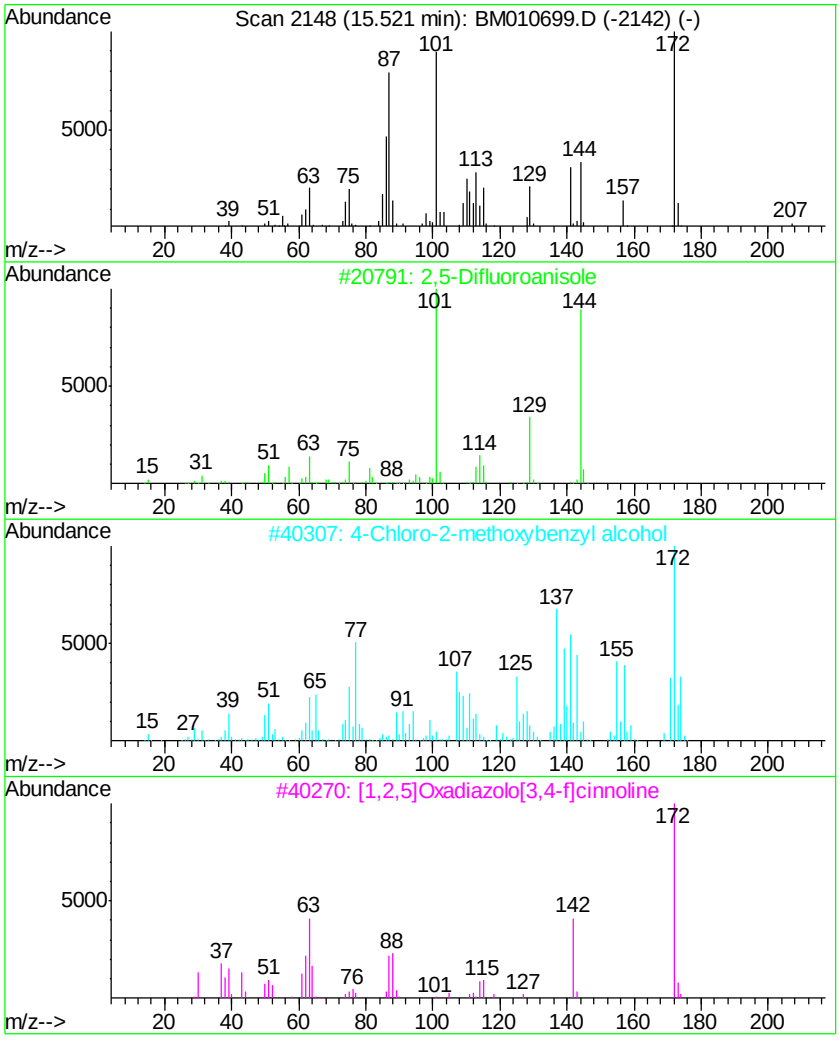
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

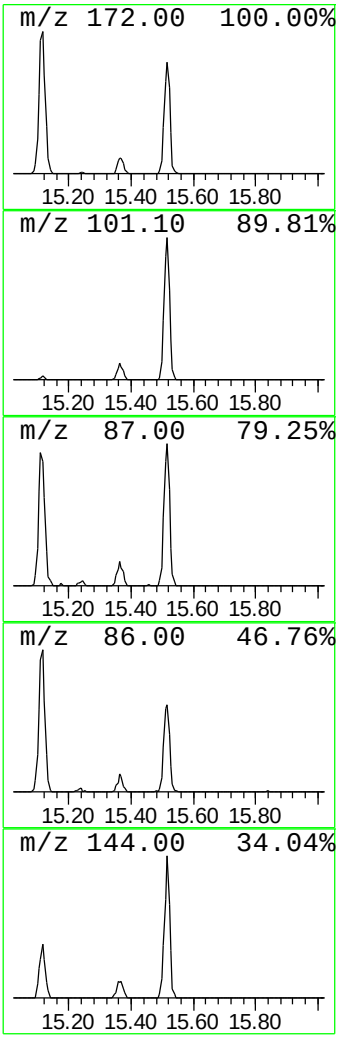
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.33 ng/ul	360070	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Difluoroanisole	144	C7H6F2O	075626-17-4	27
2	4-Chloro-2-methoxybenzyl alcohol	172	C8H9ClO2	055685-75-1	18
3	[1,2,5]Oxadiazolo[3,4-f]cinnoline	172	C8H4N4O	217491-04-8	14
4	Imidazole, 1,5-dimethyl-4-phenyl-	172	C11H12N2	062576-13-0	14
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
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Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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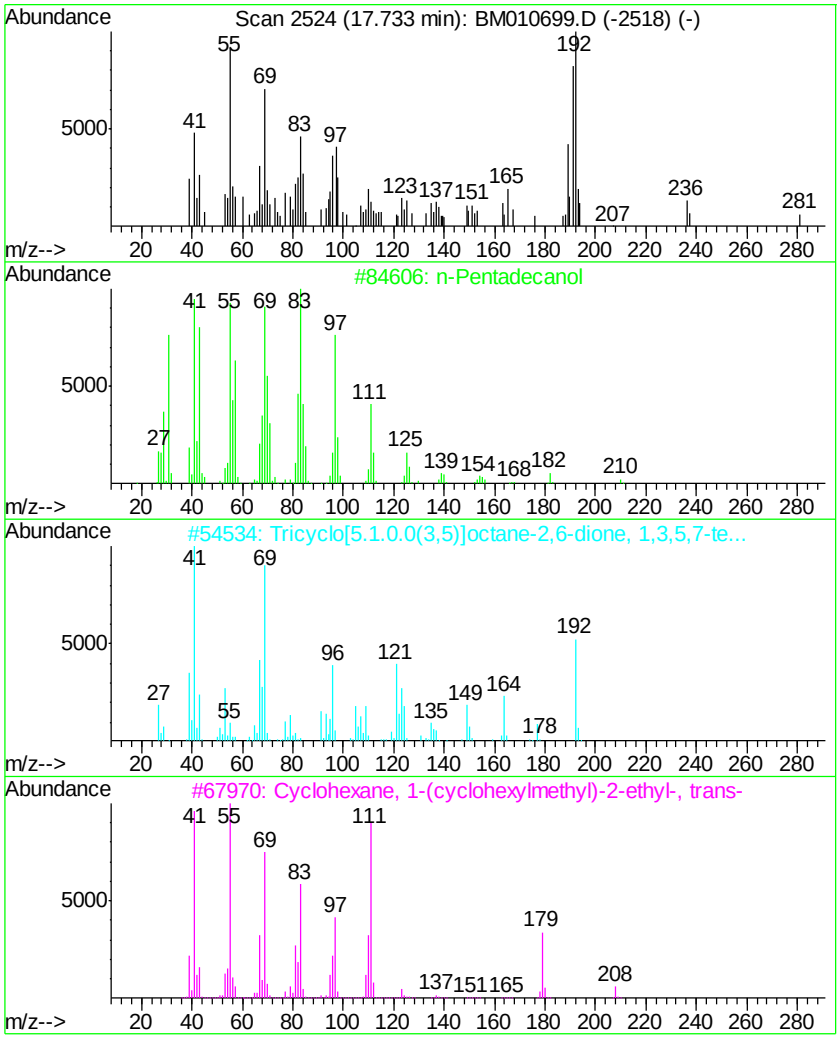
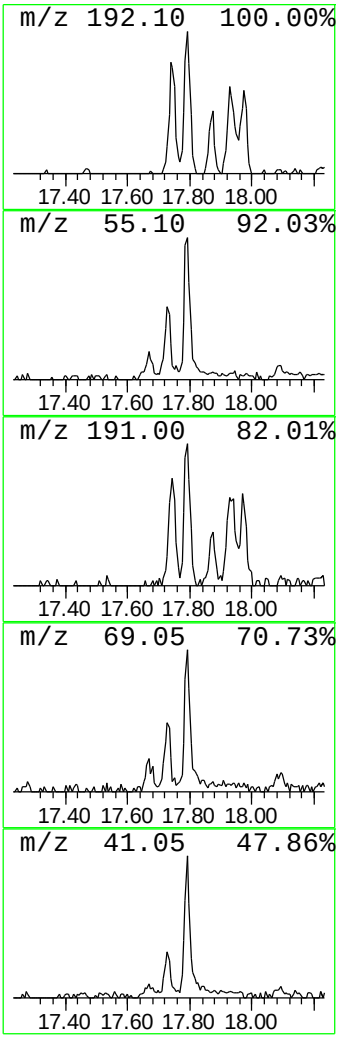
Peak Number 2 n-Pentadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.29 ng/ul	190443	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecanol	228	C15H32O	000629-76-5	50
2	Tricyclo[5.1.0.0(3,5)]octane-2,6...	192	C12H16O2	016650-33-2	50
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	46
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	43
5	1-Hexadecanol	242	C16H34O	036653-82-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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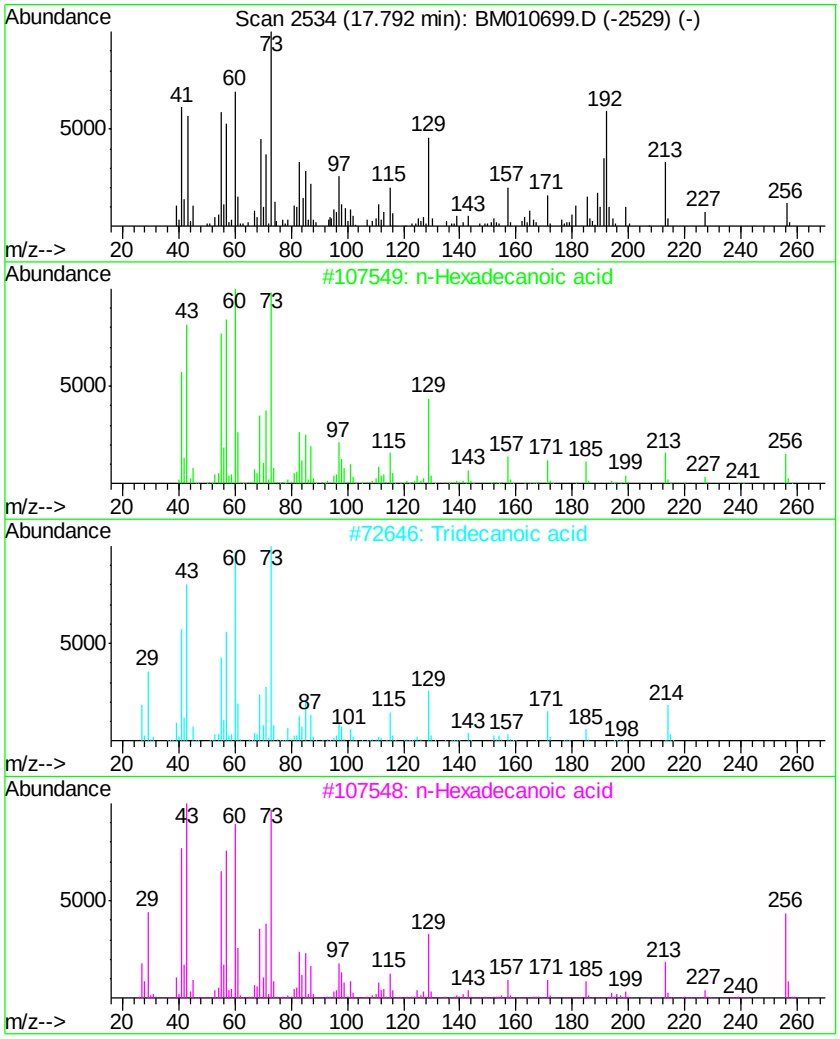
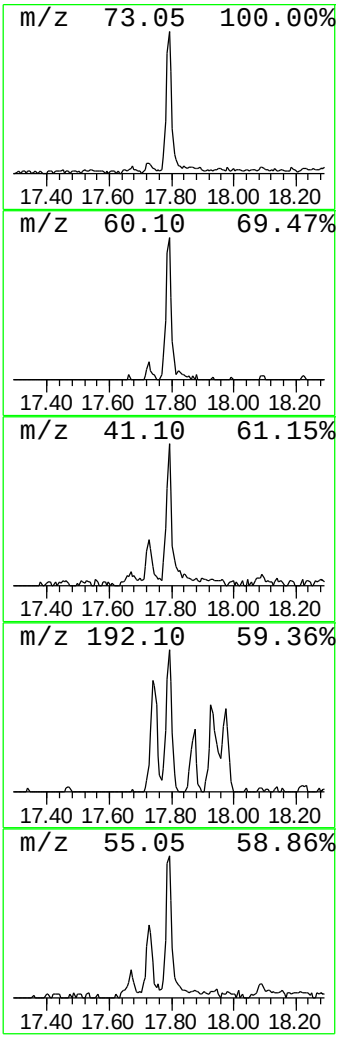
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.95 ng/ul	411805	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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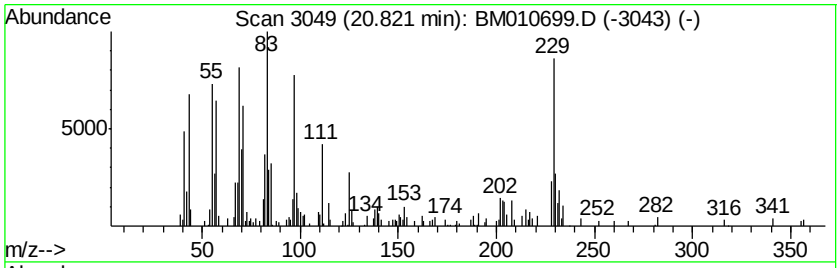
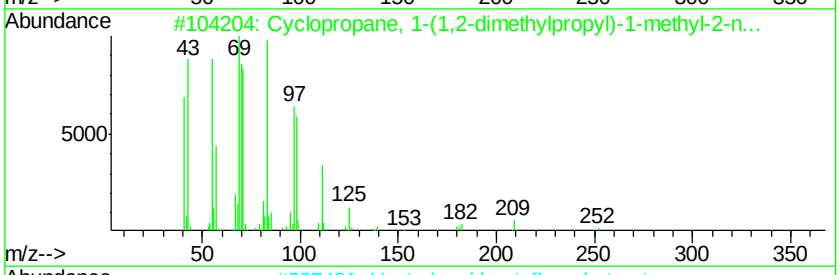
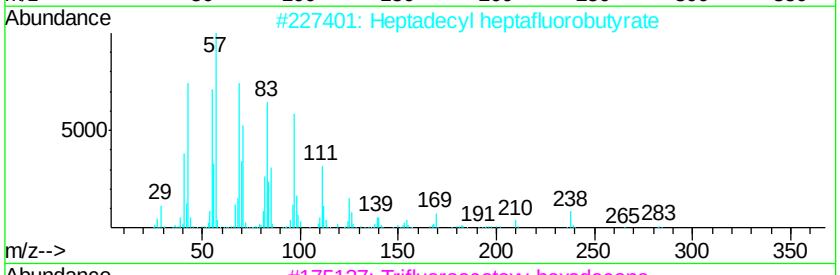
Peak Number 4 (DEL) Alkane: Cyclic20.82 Concentration Rank 6

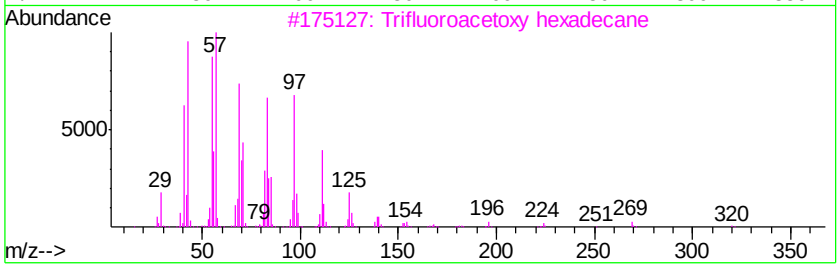
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.50 ng/ul	311467	Chrysene-d12	21.08

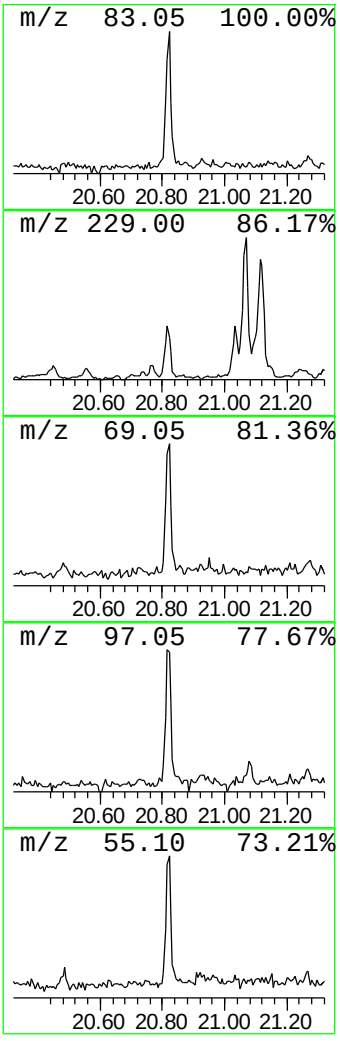
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	58
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	46
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	46
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	46











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Data File : BM010699.D
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Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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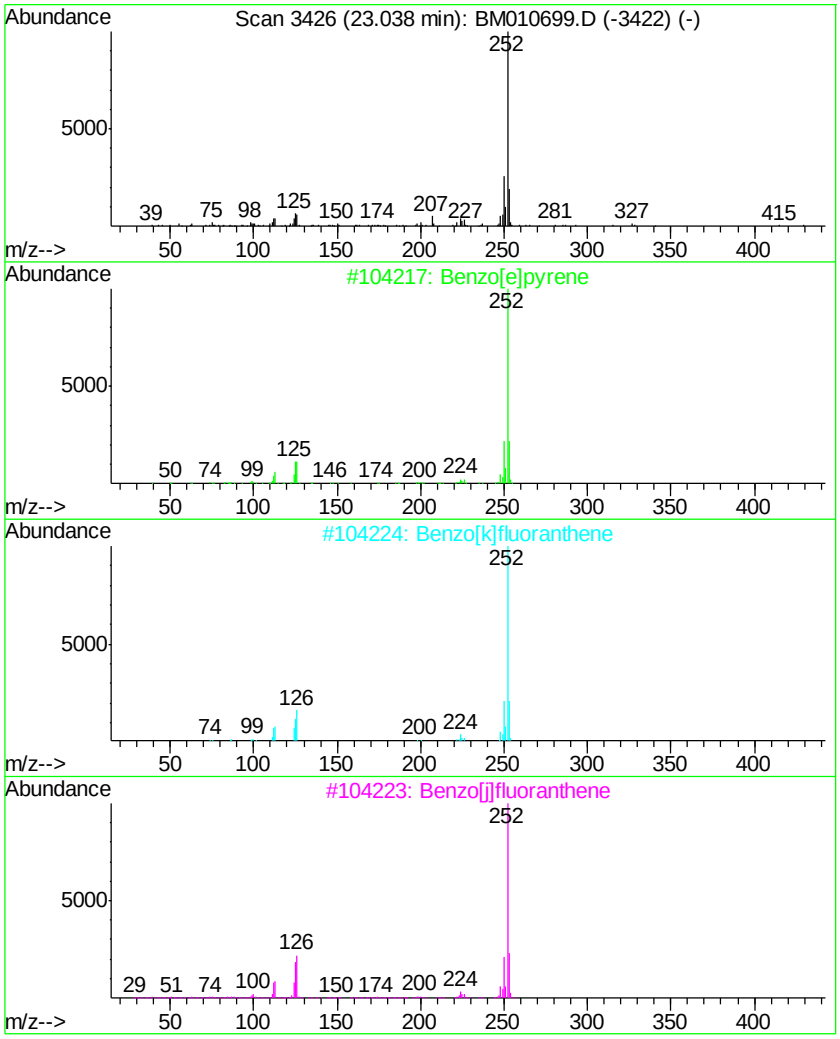
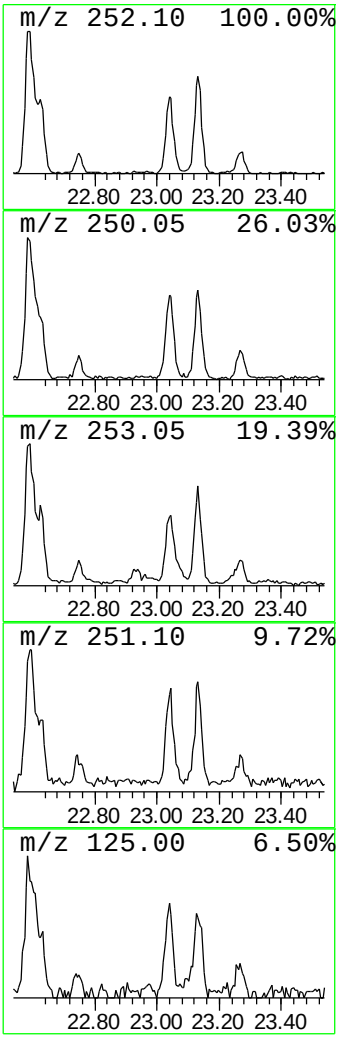
Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	3.99 ng/ul	244952	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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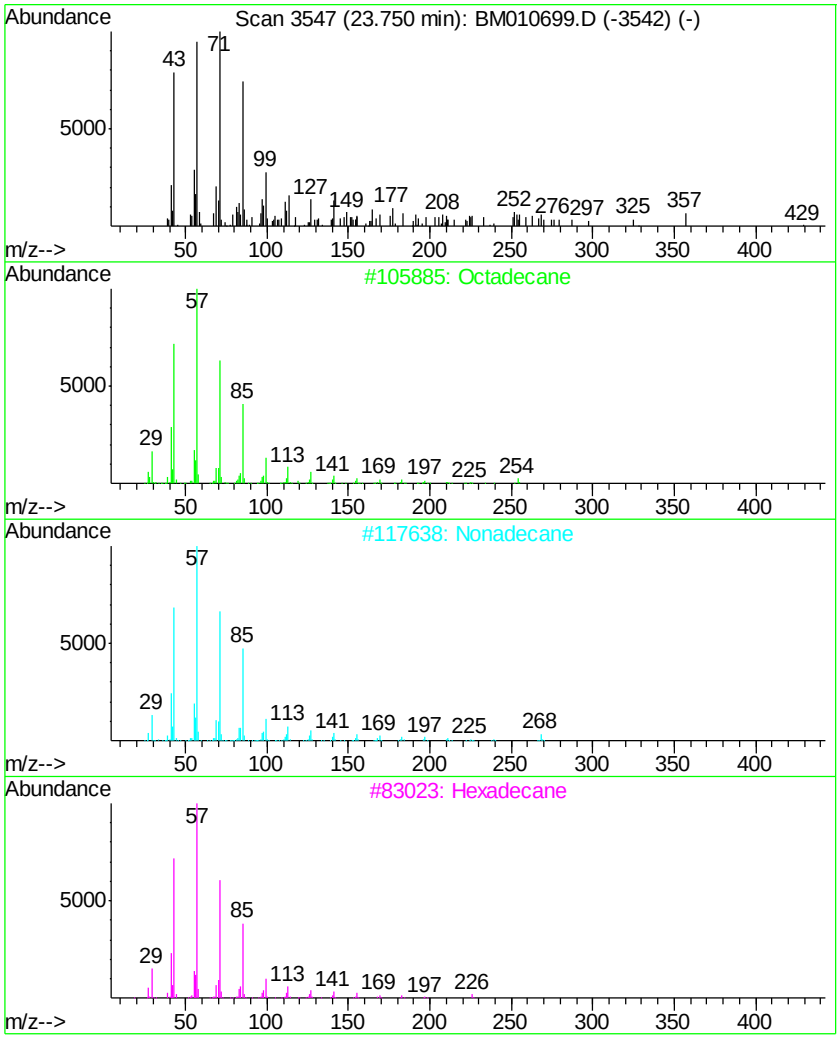
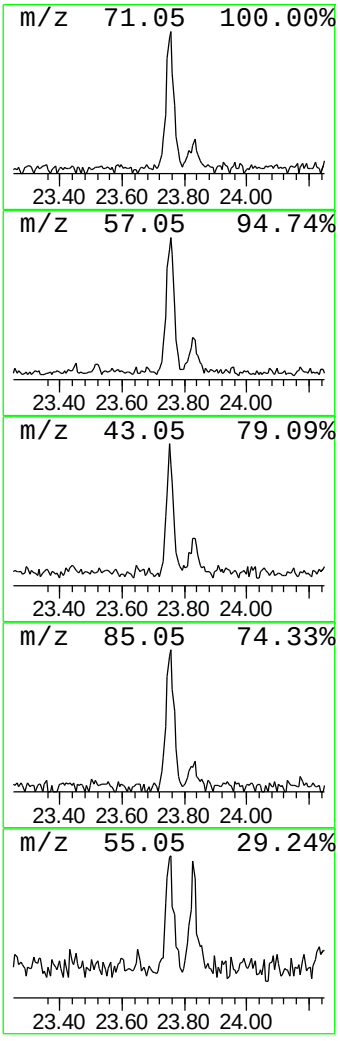
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	2.57 ng/ul	157892	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

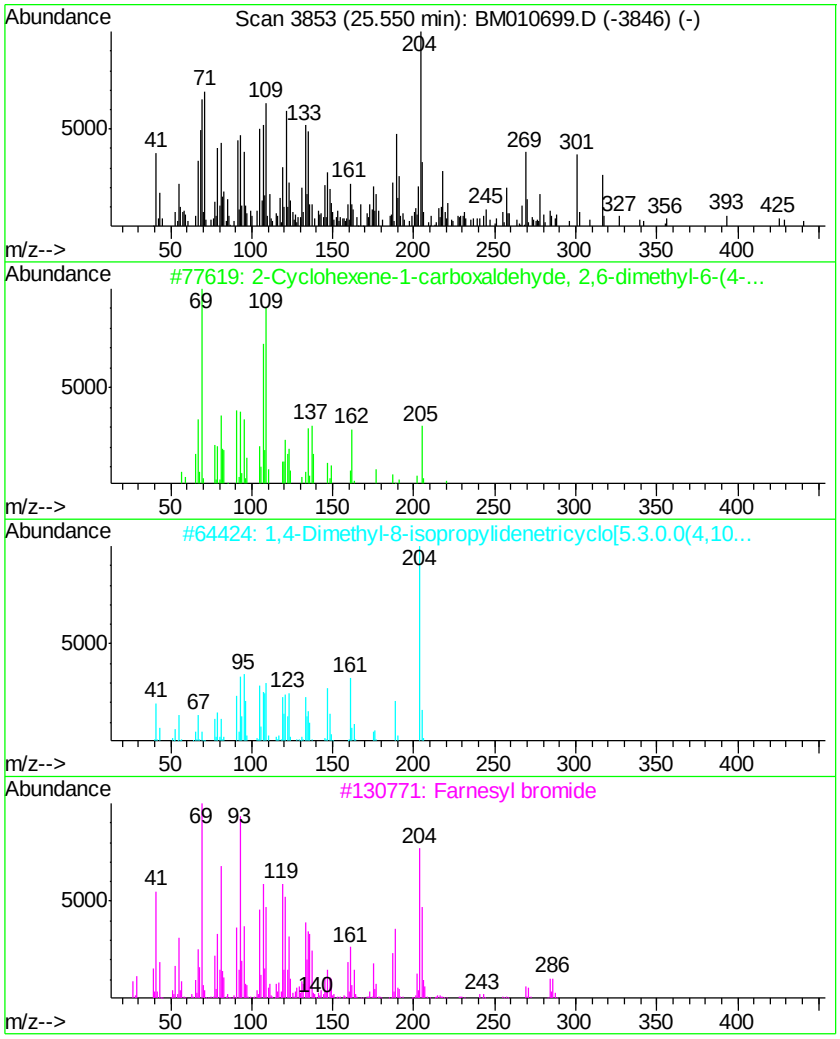
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

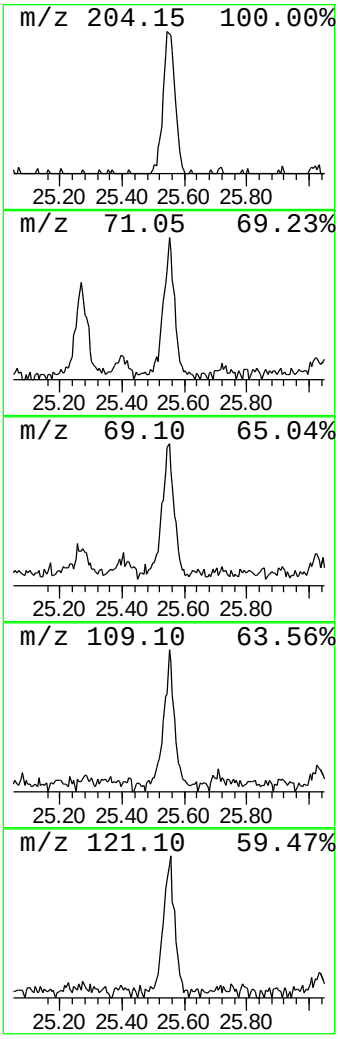
****

Peak Number 7 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.55	13.49 ng/ul	828332	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	45
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	43
3	Farnesyl bromide	284	C15H25Br	006874-67-5	41
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	41
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
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
unknown-01	15.52	4.3	ng/ul	360070	4	16.87	1663120	20.0
n-Pentadecanol	17.73	2.3	ng/ul	190443	4	16.87	1663120	20.0
n-Hexadecanoic acid	17.79	5.0	ng/ul	411805	4	16.87	1663120	20.0
(DEL) Alkane: Cyc...	20.82	2.5	ng/ul	311467	5	21.08	2495630	20.0
Benzo[e]pyrene	23.04	4.0	ng/ul	244952	6	23.22	1227950	20.0
(DEL) Alkane: Str...	23.75	2.6	ng/ul	157892	6	23.22	1227950	20.0
unknown-02	25.55	13.5	ng/ul	828332	6	23.22	1227950	20.0