LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.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	3.113	42	47	54	rBV3	34704	68070	1.25%	0.107%
2	3.183	54	59	74	rVB	760072	1024016	18.76%	1.603%
3	7.167	731	737	745	rBV	131218	224578	4.11%	0.352%
4	7.331	756	765	774	rBV	112197	183264	3.36%	0.287%
5	7.543	795	801	808	rBV	125020	213921	3.92%	0.335%
6	8.013	873	881	888	rBV	253530	426958	7.82%	0.668%
7	8.706	991	999	1007	rBV	165847	291906	5.35%	0.457%
8	9.165	1070	1077	1084	rBV	131773	232336	4.26%	0.364%
9	9.893	1193	1201	1208	rBV	99449	180812	3.31%	0.283%
10	10.434	1285	1293	1301	rBV	187456	328627	6.02%	0.514%
11	10.816	1350	1358	1364	rBV	393780	721661	13.22%	1.130%
12	10.945	1372	1380	1389	rBV	153860	276850	5.07%	0.433%
13	14.035	1898	1906	1911	rBV	354258	542972	9.95%	0.850%
14	14.082	1911	1914	1920	rVB	193085	255910	4.69%	0.401%
15	14.329	1949	1956	1963	rBV	428632	671019	12.29%	1.050%
16	14.641	1999	2009	2014	rBV2	695040	1123662	20.58%	1.759%
17	14.699	2014	2019	2025	rVB	198270	294998	5.40%	0.462%
18	14.823	2034	2040	2047	rBV	149810	238190	4.36%	0.373%
19	15.034	2069	2076	2082	rVB2	106472	172970	3.17%	0.271%
20	15.628	2169	2177	2182	rBV	574986	883308	16.18%	1.383%
21	15.681	2182	2186	2191	rVV2	222581	314806	5.77%	0.493%
22	15.739	2191	2196	2200	rVV	114734	164910	3.02%	0.258%
23	16.121	2255	2261	2268	rBV	29932	64819	1.19%	0.101%
24	16.344	2294	2299	2307	rVB2	46515	78504	1.44%	0.123%
25	16.679	2347	2356	2361	rBV4	33787	68531	1.26%	0.107%
26	17.032	2411	2416	2422	rVV	58858	97104	1.78%	0.152%
27	17.132	2424	2433	2438	rVV8	35283	76477	1.40%	0.120%
28	17.196	2439	2444	2453	rVB	127840	205936	3.77%	0.322%
29	17.379	2469	2475	2478	rVV	913234	1409900	25.83%	2.207%
30	17.426	2478	2483	2488	rVV	2514317	3843105	70.40%	6.016%
31	17.478	2488	2492	2495	rVV2	701107	1079308	19.77%	1.689%
32	17.514	2495	2498	2503	rVV	682470	926096	16.96%	1.450%
33	17.567	2503	2507	2513	rVB2	69456	109877	2.01%	0.172%
34	17.778	2532	2543	2553	rBV2	353699	656792	12.03%	1.028%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	17.896	2553	2563	2567	rVV5	40033	90244	1.65%	0.141%
36	18.266	2616	2626	2629	rBV2	210412	428160	7.84%	0.670%
37	18.301	2629	2632	2641	rVB	225412	323572	5.93%	0.507%
38	18.383	2641	2646	2651	rVB2	71616	110980	2.03%	0.174%
39	18.448	2651	2657	2662	rBV	381321	683510	12.52%	1.070%
40	18.748	2703	2708	2712	rVV	160270	224523	4.11%	0.351%
41	18.789	2712	2715	2721	rVB	97341	130675	2.39%	0.205%
42	19.165	2774	2779	2786	rBV4	51519	117251	2.15%	0.184%
43	19.306	2798	2803	2812	rBV	57980	102839	1.88%	0.161%
44	19.435	2817	2825	2831	rBV	3570786	5459332	100.00%	8.546%
45	19.535	2837	2842	2846	rBV2	112027	183933	3.37%	0.288%
46	19.682	2858	2867	2875	rVV2	942145	1268252	23.23%	1.985%
47	19.764	2875	2881	2883	rVV4	1340571	2227474	40.80%	3.487%
48	19.793	2883	2886	2893	rVV	3052547	4095511	75.02%	6.411%
49	19.858	2893	2897	2904	rVB2	91677	151080	2.77%	0.236%
50	19.964	2910	2915	2920	rVB	149400	206442	3.78%	0.323%
51	20.028	2920	2926	2932	rVB	203996	303818	5.57%	0.476%
52	20.105	2934	2939	2941	rBV	120515	205508	3.76%	0.322%
53	20.163	2945	2949	2954	rVB	91578	123422	2.26%	0.193%
54	20.246	2954	2963	2964	rBV5	94545	176220	3.23%	0.276%
55	20.281	2964	2969	2974	rVB	426295	610917	11.19%	0.956%
56	20.381	2980	2986	2990	rBV	385057	560215	10.26%	0.877%
57	20.440	2990	2996	2999	rVV2	145302	265287	4.86%	0.415%
58	20.475	2999	3002	3006	rVB	88901	102859	1.88%	0.161%
59	20.516	3006	3009	3014	rVB3	49109	76583	1.40%	0.120%
60	20.575	3015	3019	3022	rBV	82848	100949	1.85%	0.158%
61	20.622	3022	3027	3032	rBV2	104149	160099	2.93%	0.251%
62	20.722	3040	3044	3052	rVB	798522	901211	16.51%	1.411%
63	20.992	3086	3090	3093	rVV4	38534	69020	1.26%	0.108%
64	21.033	3094	3097	3104	rVB	110790	176406	3.23%	0.276%
65	21.221	3121	3129	3133	rBV	220678	404160	7.40%	0.633%
66	21.262	3133	3136	3140	rVV	207432	320289	5.87%	0.501%
67	21.309	3140	3144	3149	rVV2	305071	613261	11.23%	0.960%
68	21.362	3149	3153	3167	rVB2	158803	348375	6.38%	0.545%
69	21.497	3168	3176	3186	rVV3	72083	214454	3.93%	0.336%
70	21.627	3186	3198	3204	rVV3	1931841	4805424	88.02%	7.522%
71	21.685	3204	3208	3220	rVB	1301662	2294891	42.04%	3.592%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	21.838	3228	3234	3240	rBV	393614	662388	12.13%	1.037%
73	21.897	3241	3244	3249	rVV2	68445	133012	2.44%	0.208%
74	21.973	3252	3257	3262	rVV	119351	228924	4.19%	0.358%
75	22.038	3263	3268	3277	rVV2	203903	392477	7.19%	0.614%
76	22.108	3277	3280	3289	rVB5	32654	65536	1.20%	0.103%
77	22.238	3298	3302	3307	rBV4	31896	67698	1.24%	0.106%
78	22.290	3307	3311	3314	rVV5	43451	73888	1.35%	0.116%
79	22.361	3317	3323	3328	rVV	136516	296334	5.43%	0.464%
80	22.431	3332	3335	3341	rVB3	88404	155962	2.86%	0.244%
81	22.572	3355	3359	3365	rVB3	87800	156890	2.87%	0.246%
82	22.637	3365	3370	3373	rVV	107817	191731	3.51%	0.300%
83	22.678	3373	3377	3386	rVB4	156861	327620	6.00%	0.513%
84	22.772	3386	3393	3404	rVB5	83995	233339	4.27%	0.365%
85	23.019	3429	3435	3438	rBV5	44569	93735	1.72%	0.147%
86	23.460	3506	3510	3524	rVB2	77618	211661	3.88%	0.331%
87	23.701	3545	3551	3559	rVB3	47503	114064	2.09%	0.179%
88	23.830	3563	3573	3580	rBV	989714	3298291	60.42%	5.163%
89	24.077	3608	3615	3623	rVB	192304	429751	7.87%	0.673%
90	24.282	3644	3650	3655	rBV6	49052	138728	2.54%	0.217%
91	24.541	3686	3694	3701	rBV	510850	1434719	26.28%	2.246%
92	24.617	3702	3707	3712	rVV	319478	810417	14.84%	1.269%
93	24.688	3712	3719	3733	rVB2	868239	2416776	44.27%	3.783%
94	24.840	3735	3745	3752	rBV3	538499	1591469	29.15%	2.491%
95	24.911	3752	3757	3773	rVB2	263803	780216	14.29%	1.221%
96	25.998	3938	3942	3944	rBV5	35909	56206	1.03%	0.088%
97	26.192	3970	3975	3982	rVB2	40731	105012	1.92%	0.164%
98	28.477	4351	4364	4384	rVB3	398264	1954134	35.79%	3.059%
99	29.611	4545	4557	4574	rVB3	234575	1018743	18.66%	1.595%
100	30.216	4649	4660	4674	rVB3	81367	354616	6.50%	0.555%

Sum of corrected areas: 63883676

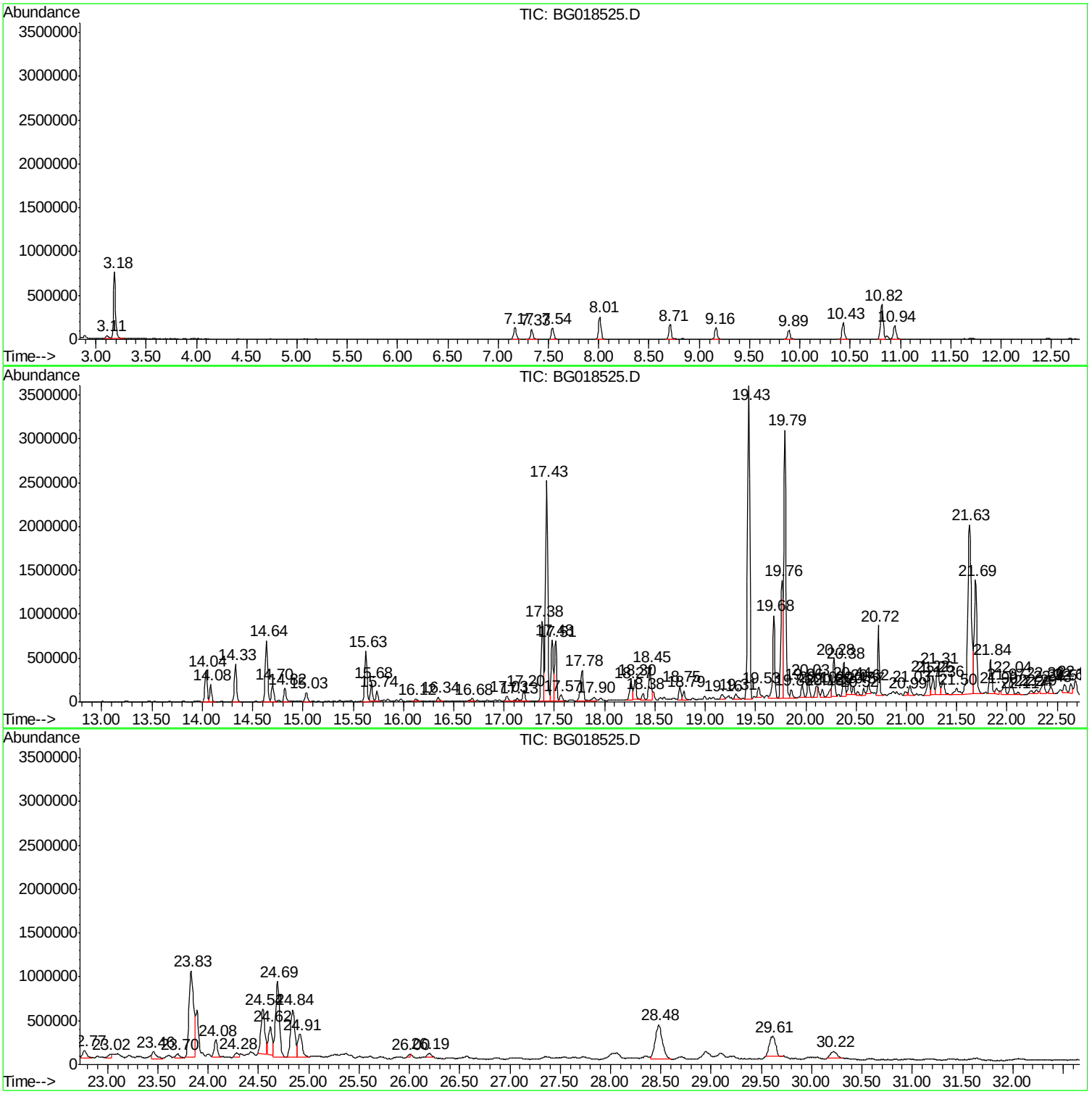
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

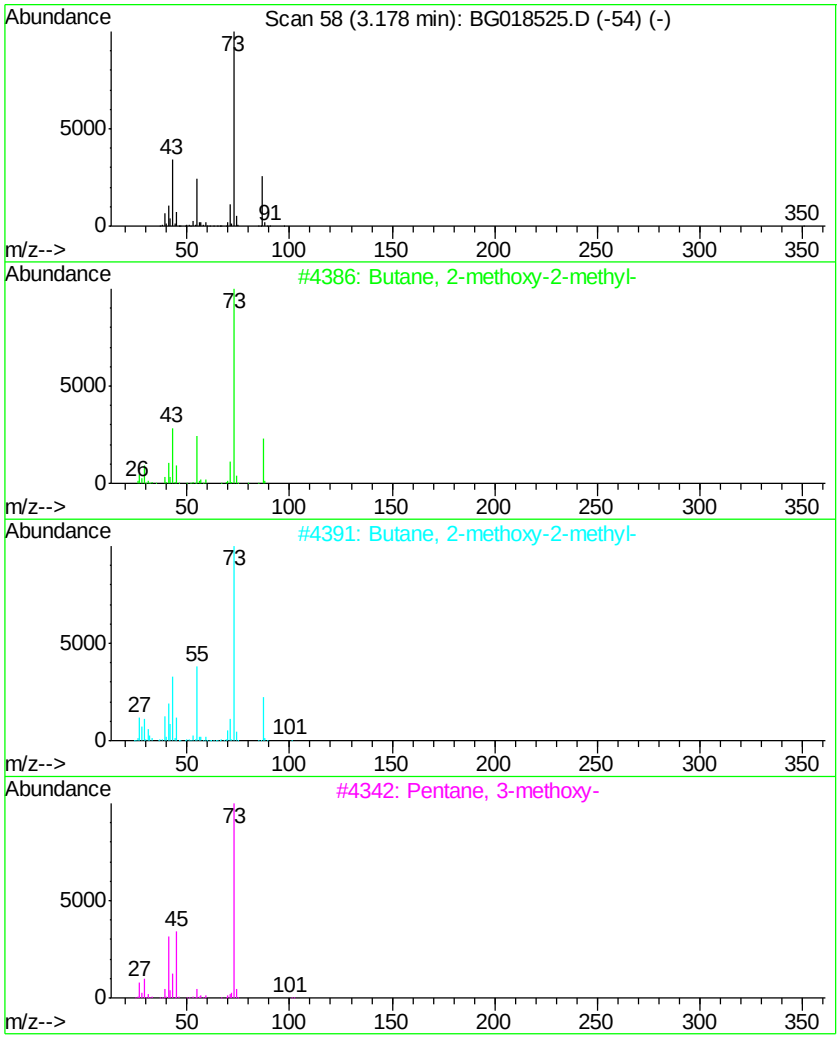
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

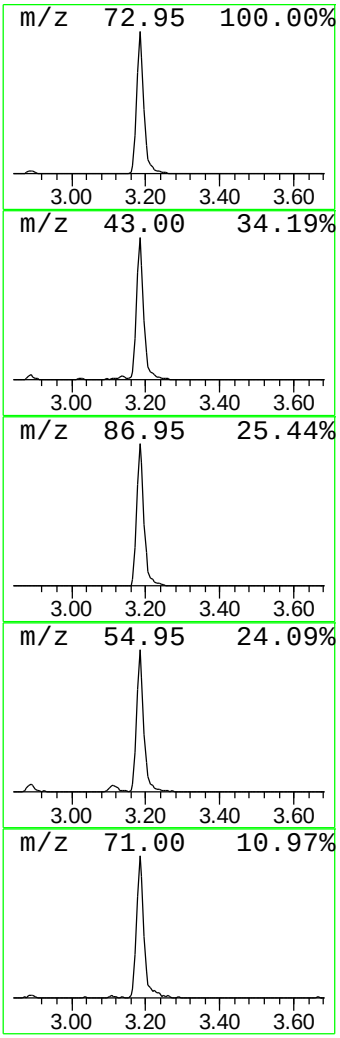
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	47.97 ng/ul	1024020	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

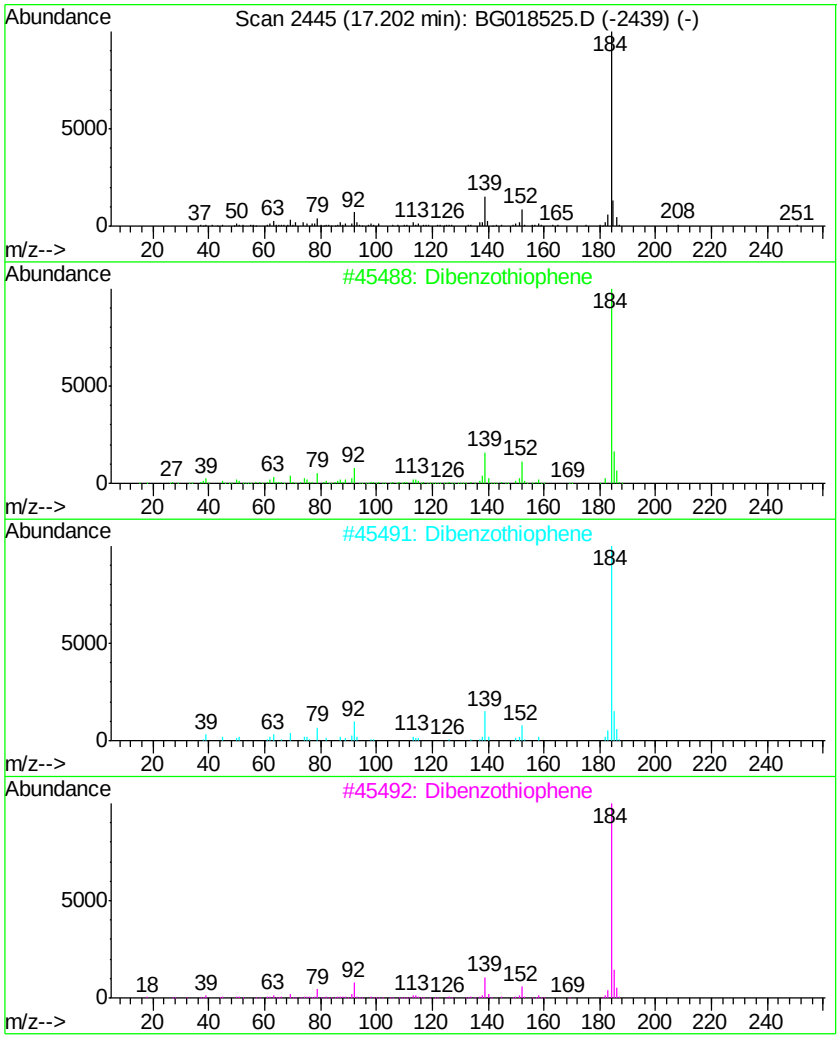
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

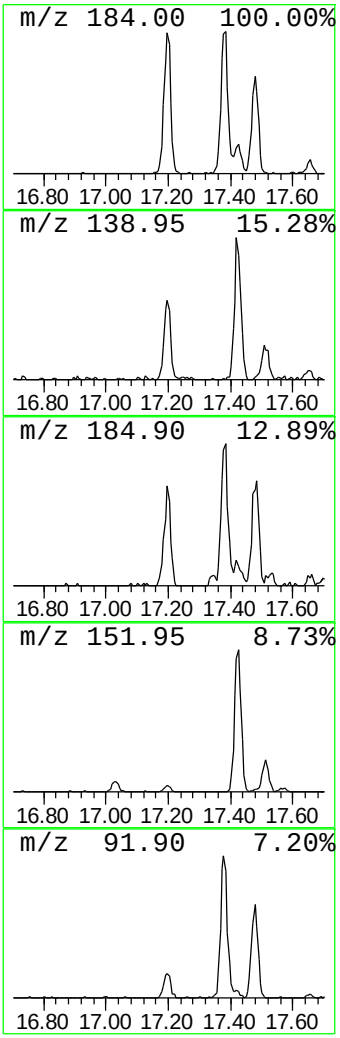
****

Peak Number 3 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.92 ng/ul	205936	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

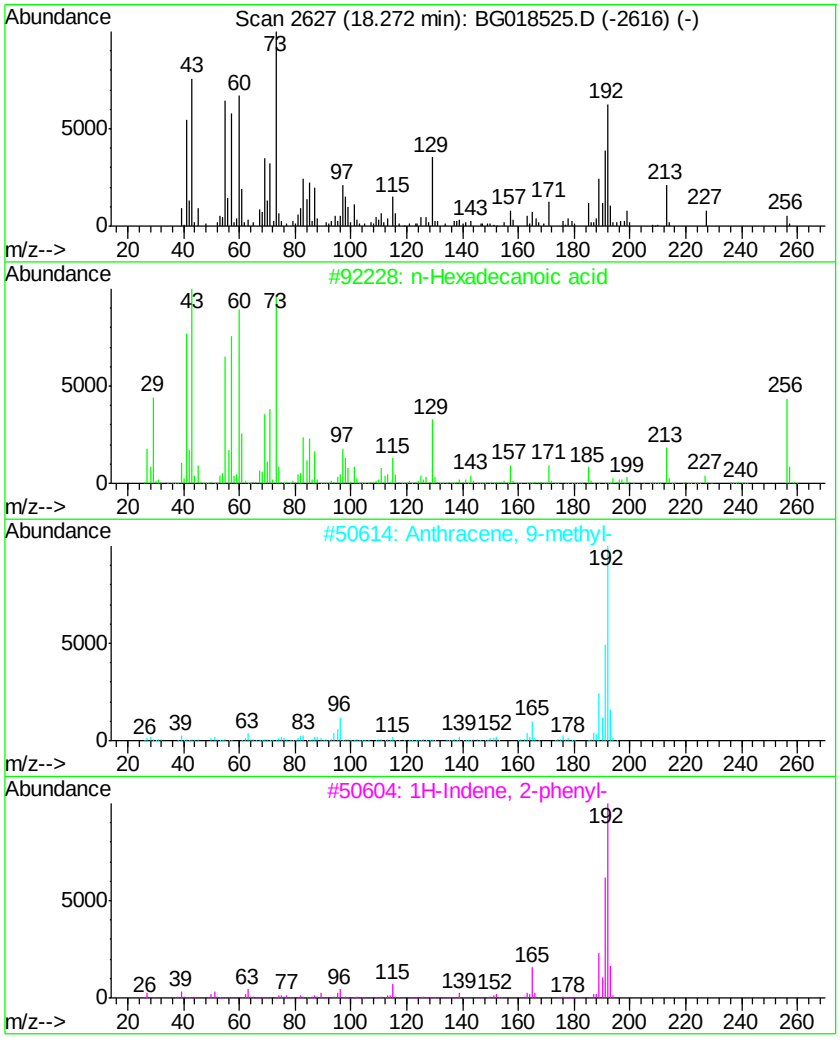
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

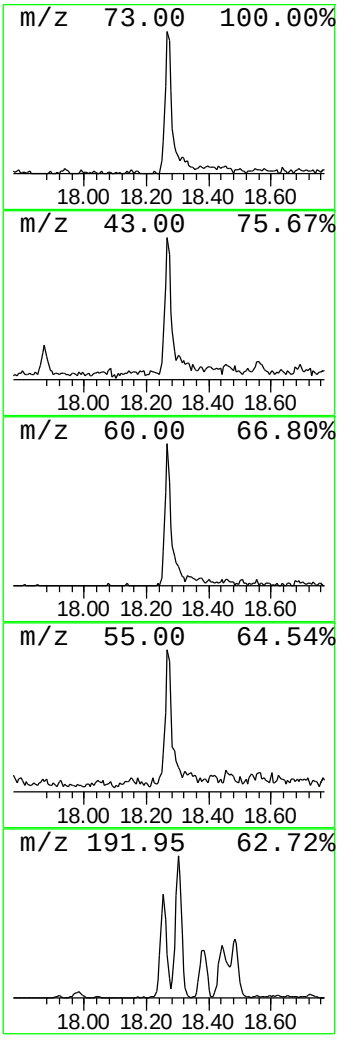
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	6.07 ng/ul	428160	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

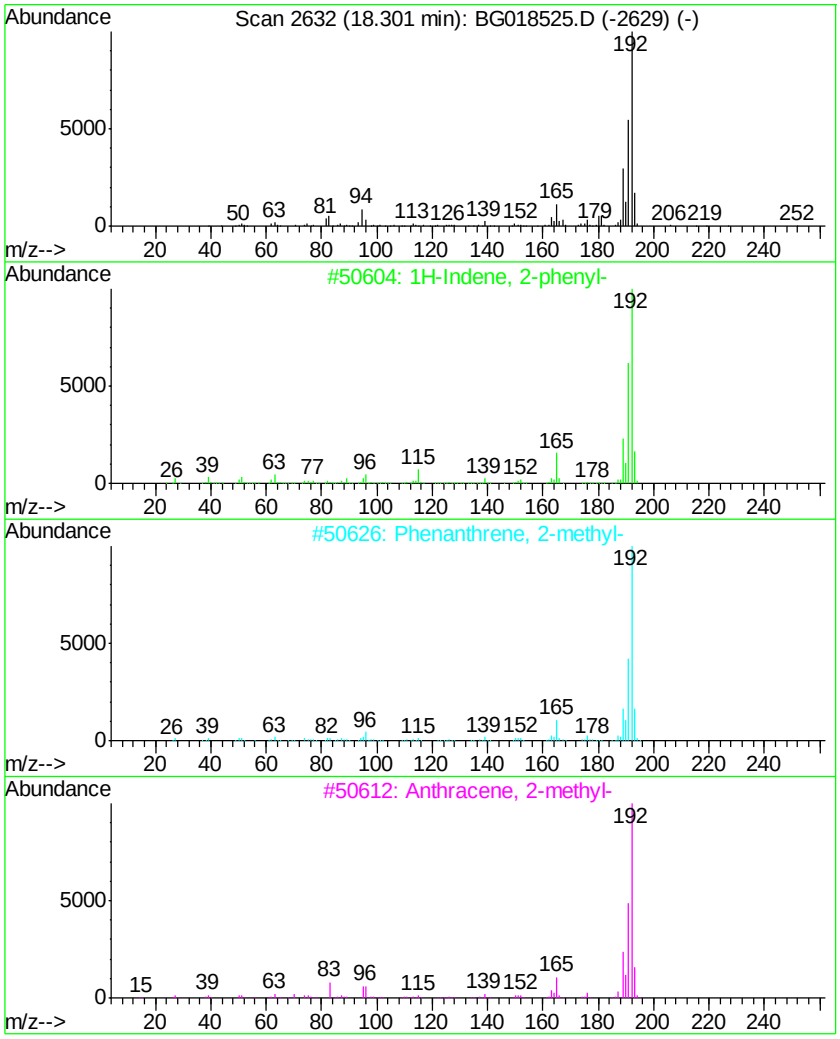
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

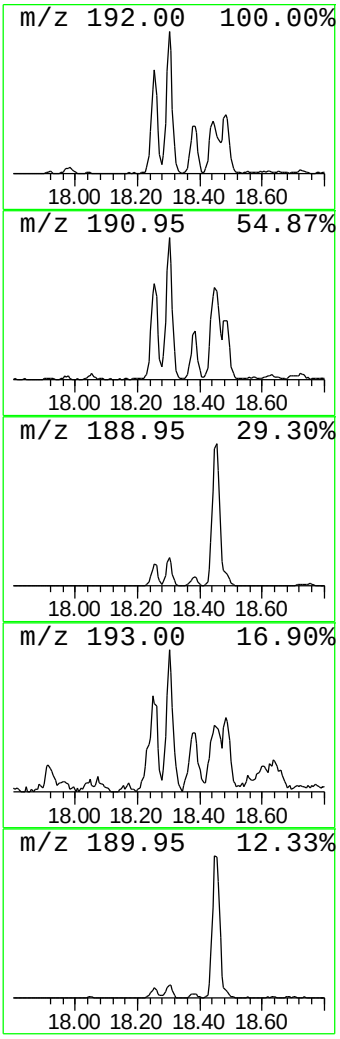
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.59 ng/ul	323572	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

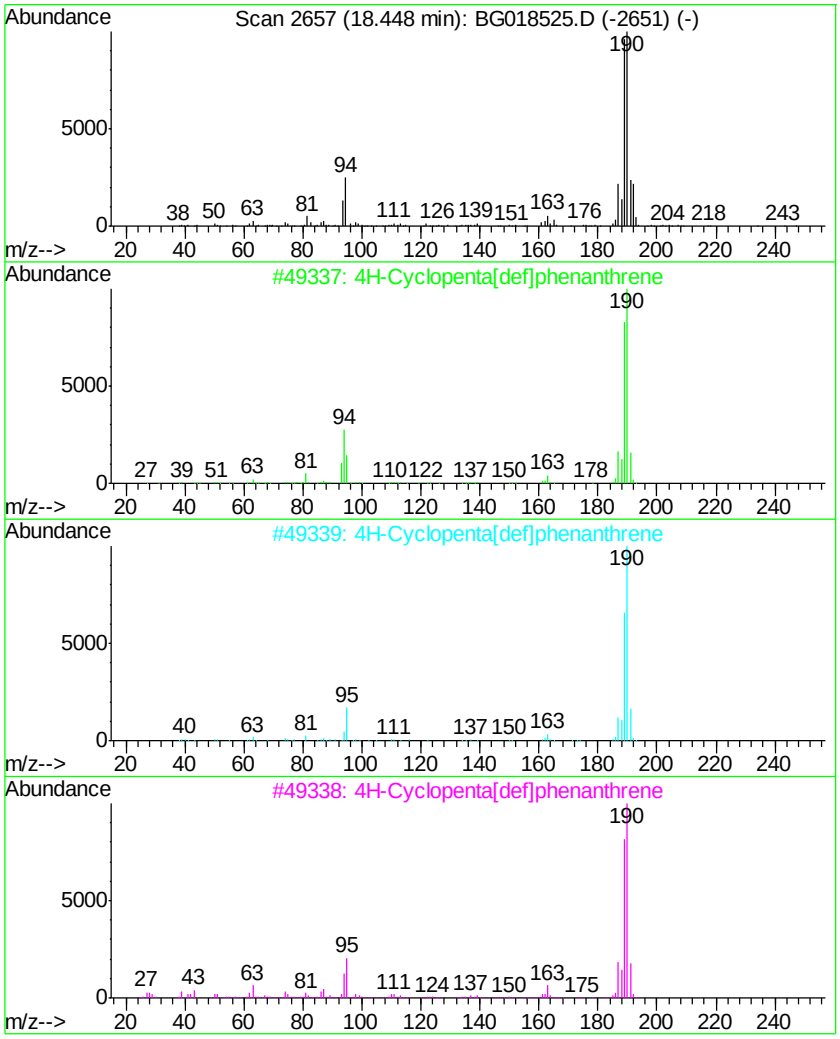
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

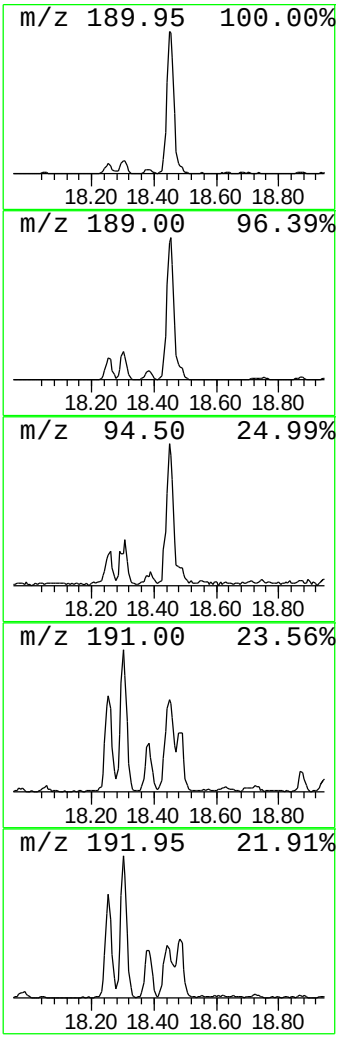
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	9.70 ng/ul	683510	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

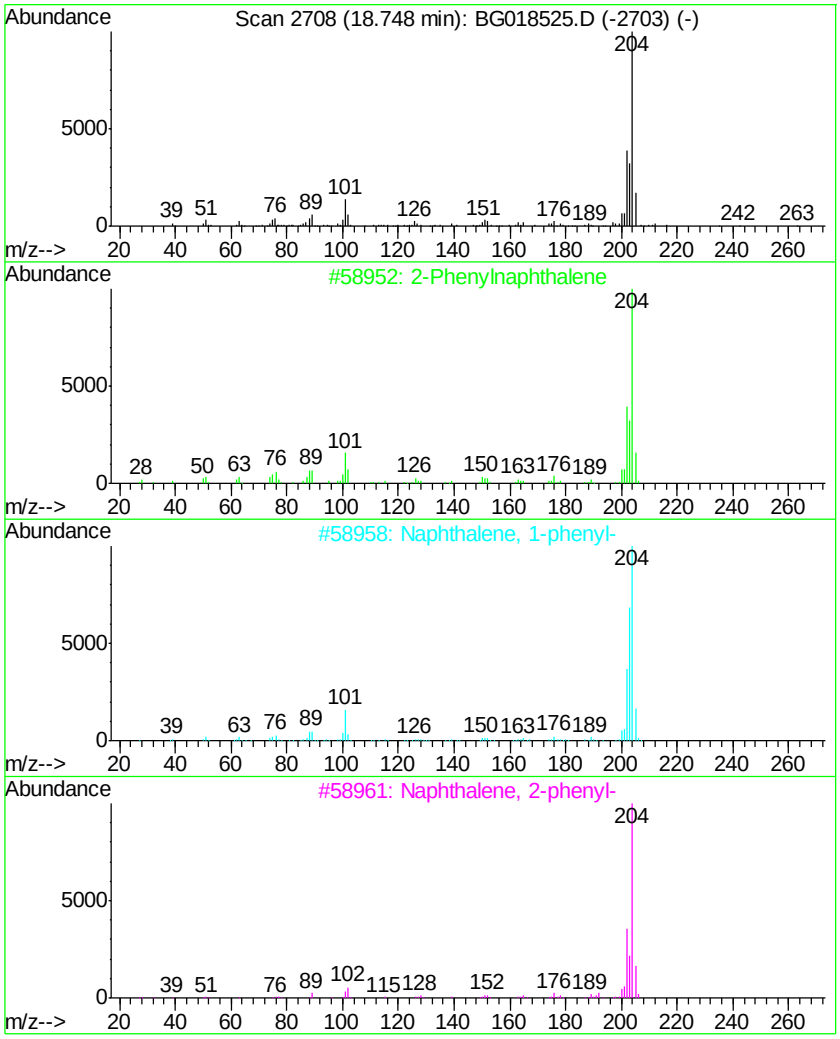
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

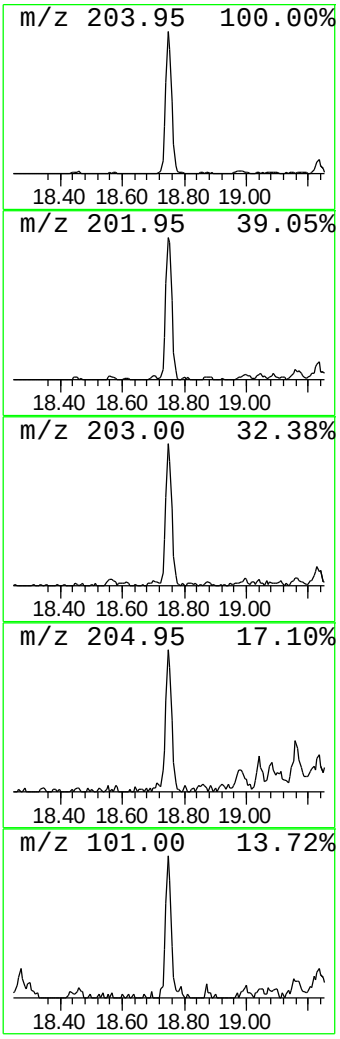
****

Peak Number 7 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.18 ng/ul	224523	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
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	70





Library Search Compound Report

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Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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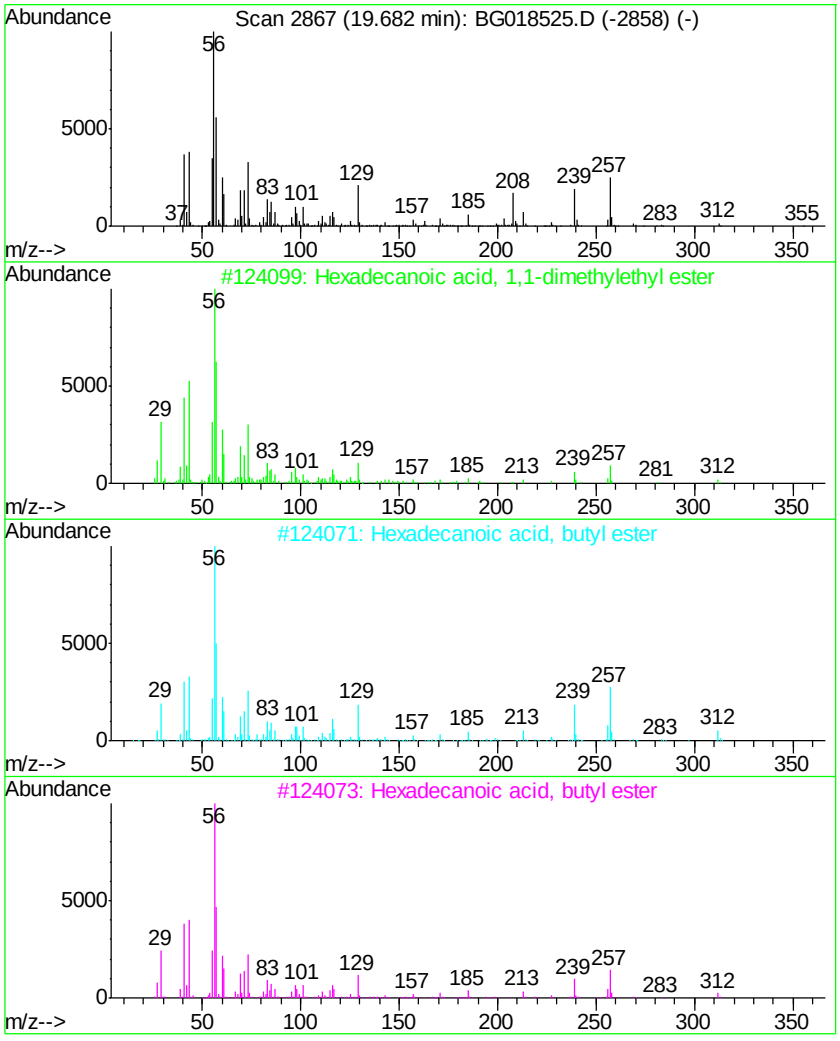
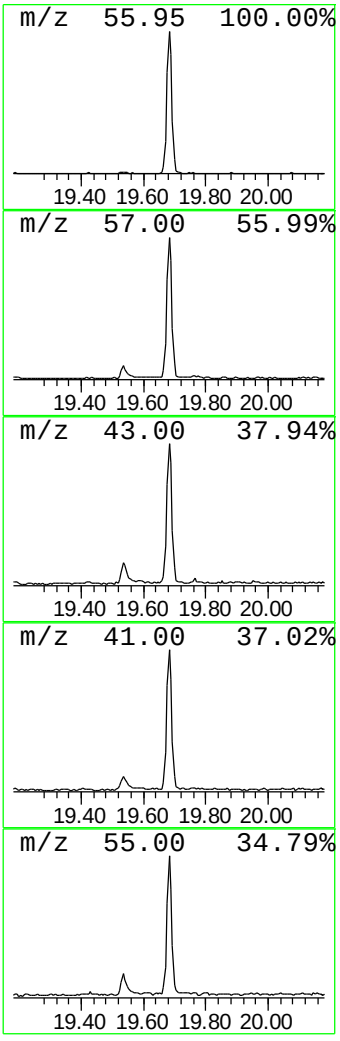
Peak Number 8 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	5.28 ng/ul	1268250	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	50
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	47
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27





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Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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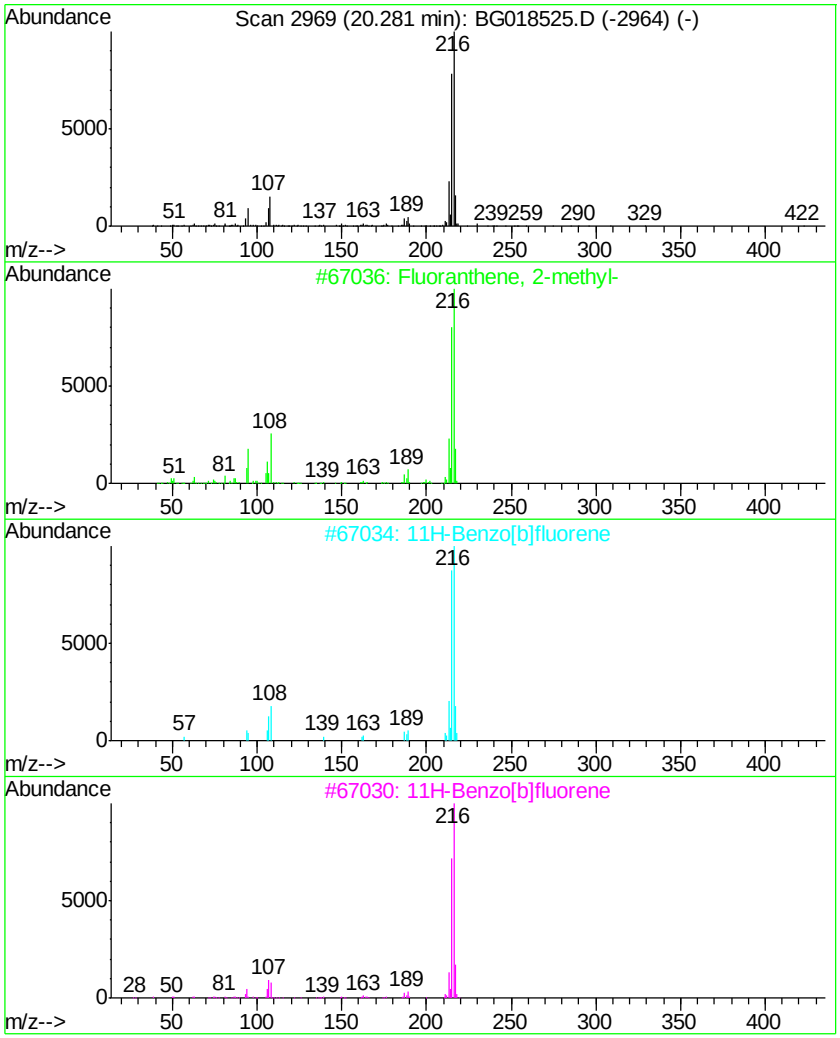
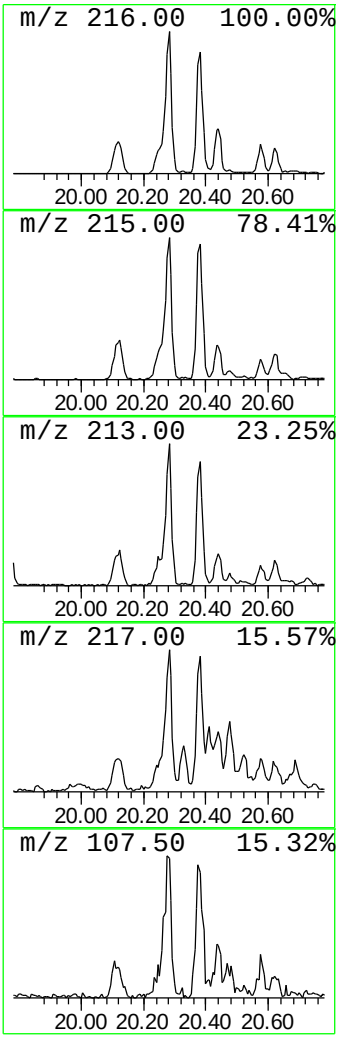
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.54 ng/ul	610917	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
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	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
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Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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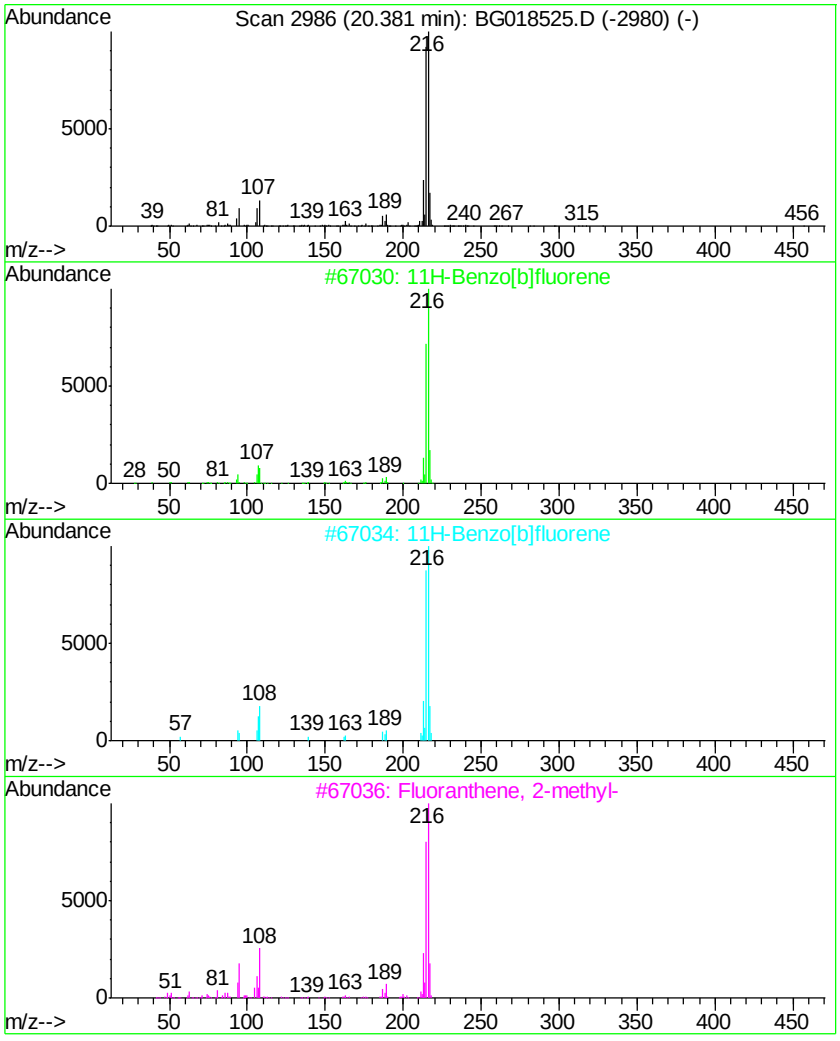
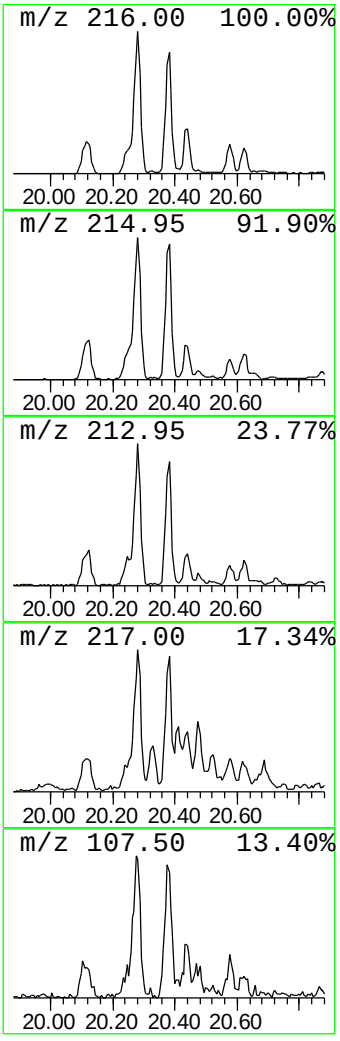
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.33 ng/ul	560215	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
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Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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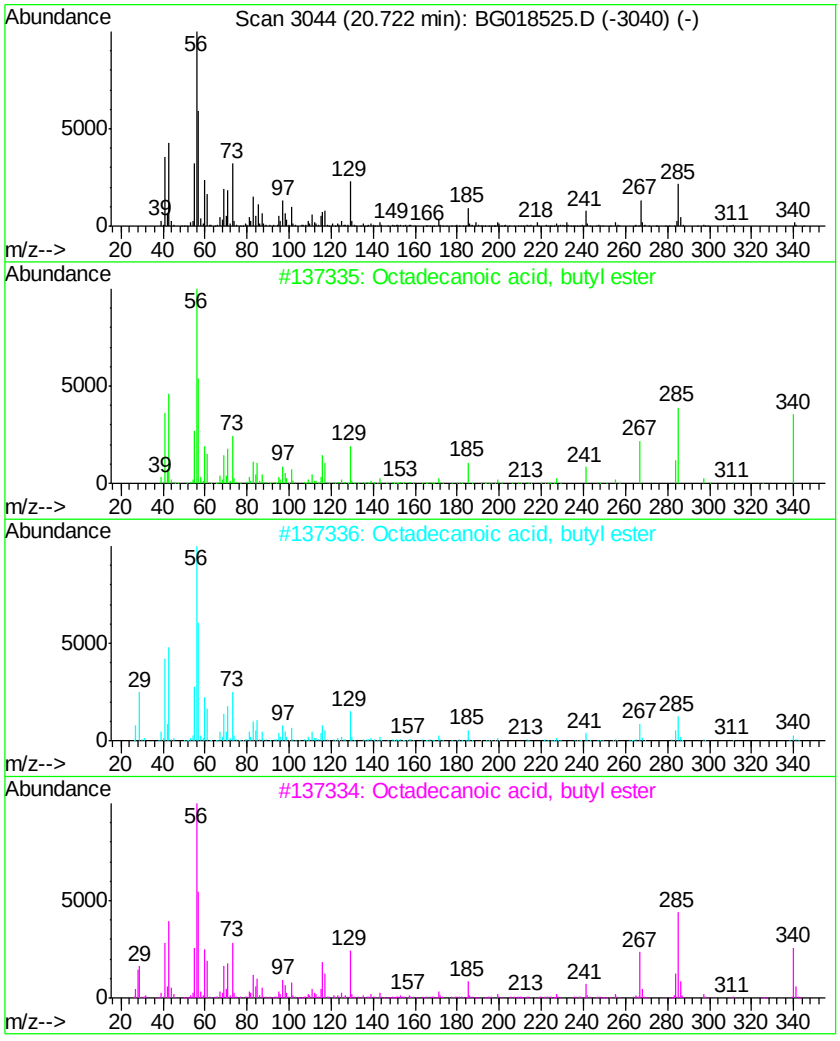
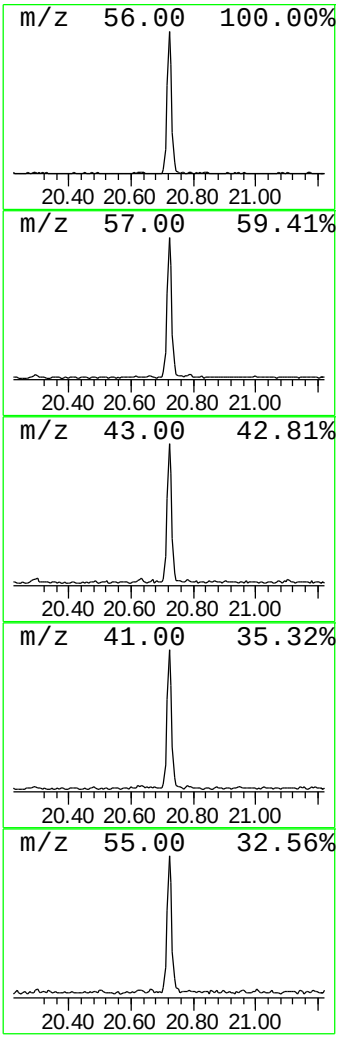
Peak Number 11 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	3.75 ng/ul	901211	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
5	Nipecotic acid	129	C6H11NO2	000498-95-3	37





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Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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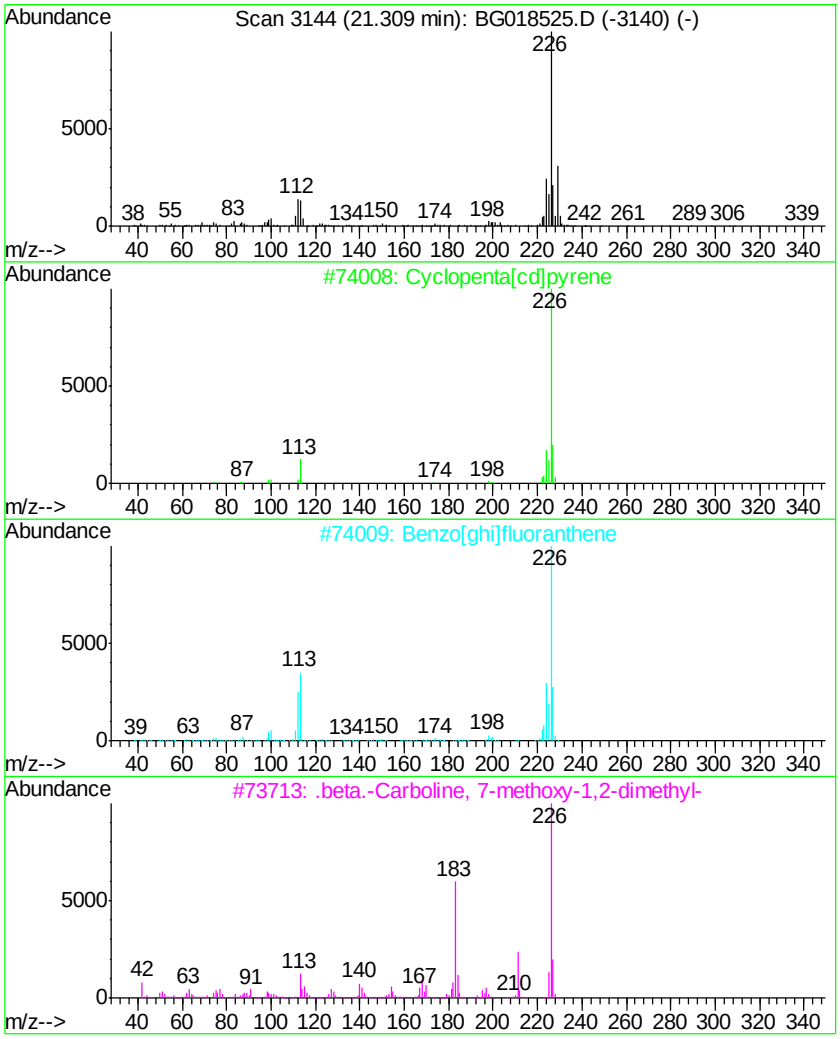
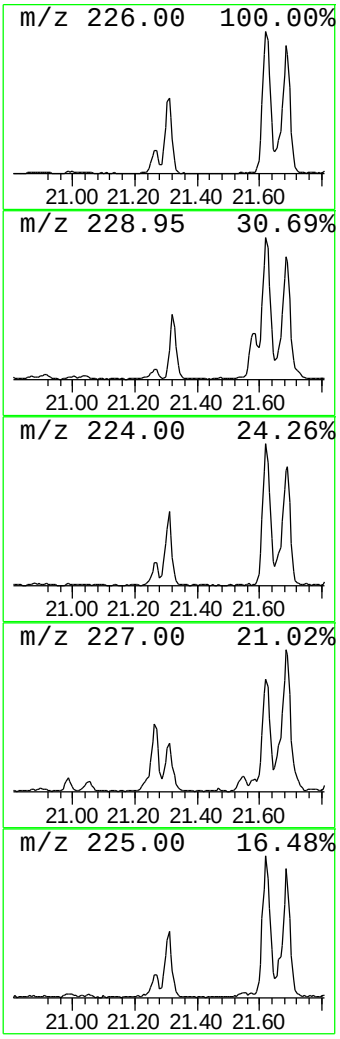
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.55 ng/ul	613261	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	91
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	78
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
5	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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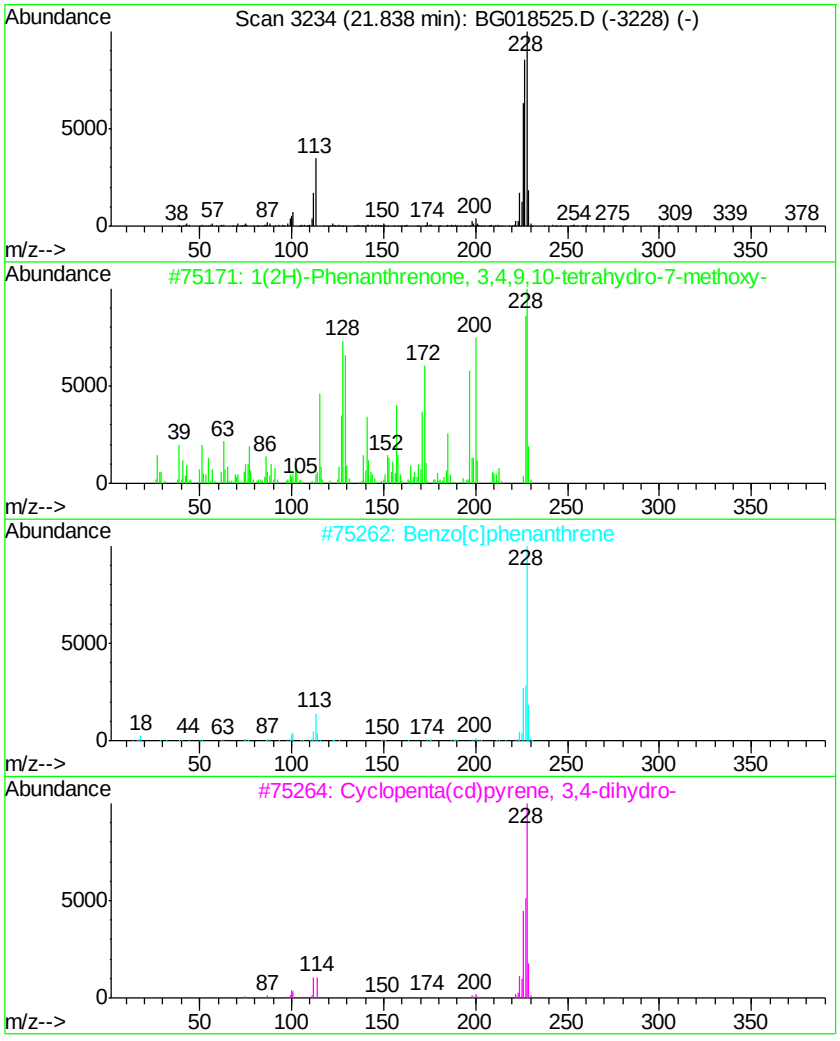
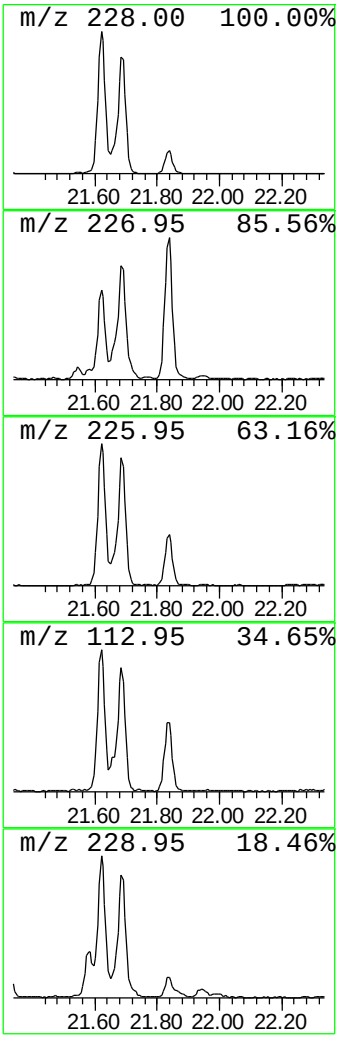
Peak Number 13 1(2H)-Phenanthrenone, 3,4,9... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.76 ng/ul	662388	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45
5	Benz[a]anthracene	228	C18H12	000056-55-3	41





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Acq On : 28 Aug 2015 22:53
Operator : UM/MA
Sample : G3448-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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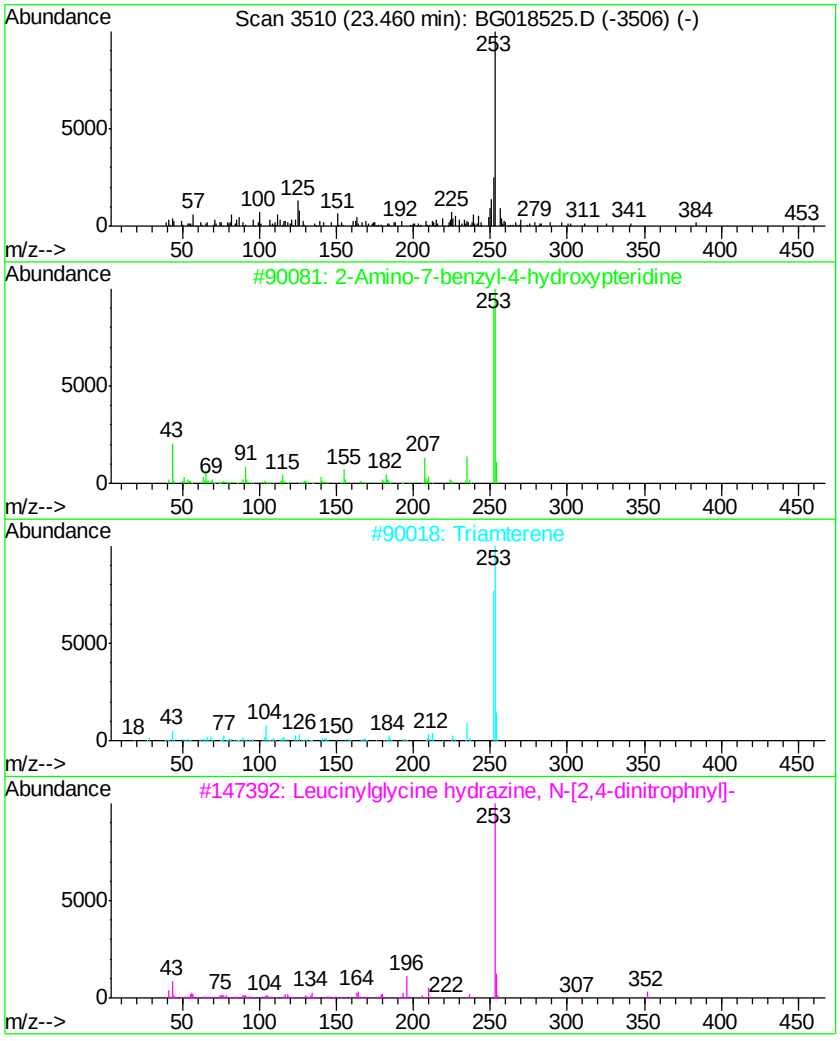
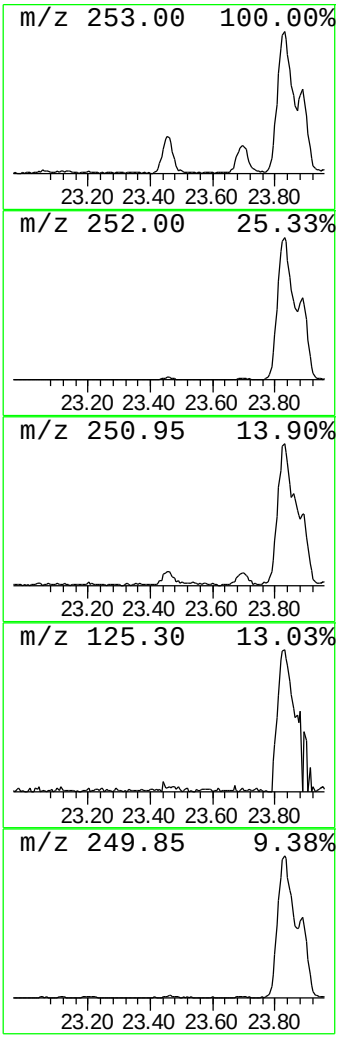
Peak Number 14 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	2.66 ng/ul	211661	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-7-benzyl-4-hydroxypteridine	253	C13H11N5O	049647-55-4	37
2	Triamterene	253	C12H11N7	000396-01-0	37
3	Leucinylglycine hydrazine, N-[2,...	368	C14H20N6O6	1000131-15-6	25
4	Phenol, 4-methyl-2--(4-isopropyl...	253	C17H19NO	315671-87-5	25
5	2-[4-(2-Methyl-piperidine-1-sulf...	282	C14H22N2O2S	1000295-08-5	25





Tentatively Identified Compound (LSC) summary

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Data File : BG018525.D
Acq On : 28 Aug 2015 22:53
Operator : UM/MA
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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
Butane, 2-methoxy...	3.18	48.0	ng/ul	1024020	1	8.01	426958	20.0
Dibenzothiophene	17.20	2.9	ng/ul	205936	4	17.38	1409900	20.0
n-Hexadecanoic acid	18.27	6.1	ng/ul	428160	4	17.38	1409900	20.0
1H-Indene, 2-phenyl-	18.30	4.6	ng/ul	323572	4	17.38	1409900	20.0
4H-Cyclopenta[def...	18.45	9.7	ng/ul	683510	4	17.38	1409900	20.0
2-Phenylnaphthalene	18.75	3.2	ng/ul	224523	4	17.38	1409900	20.0
Hexadecanoic acid...	19.68	5.3	ng/ul	1268250	5	21.64	4805420	20.0
Fluoranthene, 2-m...	20.28	2.5	ng/ul	610917	5	21.64	4805420	20.0
11H-Benzo[b]fluorene	20.38	2.3	ng/ul	560215	5	21.64	4805420	20.0
Octadecanoic acid...	20.72	3.8	ng/ul	901211	5	21.64	4805420	20.0
Cyclopenta[cd]pyrene	21.31	2.5	ng/ul	613261	5	21.64	4805420	20.0
1(2H)-Phenanthren...	21.84	2.8	ng/ul	662388	5	21.64	4805420	20.0
unknown-01	23.46	2.7	ng/ul	211661	6	24.84	1591470	20.0