LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030585.D
Acq On : 30 Oct 2017 19:24
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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	3.547	38	44	52	rVB	20853	37379	1.33%	0.111%
2	3.988	113	119	122	rBV5	3364	5360	0.19%	0.016%
3	4.082	130	135	141	rVB5	6445	9496	0.34%	0.028%
4	4.164	143	149	151	rBV5	2267	3968	0.14%	0.012%
5	4.305	170	173	179	rBV6	2145	3829	0.14%	0.011%
6	4.540	207	213	217	rVB7	3944	6763	0.24%	0.020%
7	5.239	325	332	339	rVB2	27280	44516	1.58%	0.132%
8	5.480	368	373	380	rVB7	2389	6377	0.23%	0.019%
9	5.627	393	398	407	rBV5	2420	6914	0.25%	0.021%
10	6.226	496	500	506	rVV7	3099	4745	0.17%	0.014%
11	6.355	514	522	527	rBV5	3532	7696	0.27%	0.023%
12	7.313	675	685	698	rVV2	345802	694643	24.70%	2.065%
13	7.478	706	713	724	rVB	287532	467740	16.63%	1.390%
14	7.689	740	749	761	rBV	355485	615907	21.90%	1.831%
15	8.159	821	829	837	rBV	265952	463523	16.48%	1.378%
16	8.400	862	870	876	rBV6	2559	6455	0.23%	0.019%
17	8.858	941	948	962	rBV	446342	791001	28.13%	2.351%
18	9.323	1015	1027	1043	rBV	351070	633437	22.53%	1.883%
19	9.469	1049	1052	1059	rVB5	2691	4055	0.14%	0.012%
20	9.734	1088	1097	1105	rVB5	7175	13643	0.49%	0.041%
21	10.051	1141	1151	1155	rBV	309494	588576	20.93%	1.749%
22	10.098	1155	1159	1170	rVV	293767	495478	17.62%	1.473%
23	10.592	1235	1243	1253	rBV	499283	918265	32.65%	2.729%
24	10.974	1296	1308	1319	rVB	429605	769270	27.36%	2.286%
25	11.103	1322	1330	1349	rBV	387557	737475	26.23%	2.192%
26	11.414	1379	1383	1389	rBV5	2788	5436	0.19%	0.016%
27	12.272	1523	1529	1539	rVB	29087	49931	1.78%	0.148%
28	12.431	1553	1556	1560	rBV4	4136	7087	0.25%	0.021%
29	12.478	1561	1564	1569	rVB4	4916	7442	0.26%	0.022%
30	12.548	1569	1576	1584	rBV3	11087	20743	0.74%	0.062%
31	13.353	1700	1713	1722	rBV	300073	491761	17.49%	1.462%
32	13.588	1747	1753	1758	rVV5	3264	6955	0.25%	0.021%
33	13.653	1758	1764	1773	rVV8	4815	11609	0.41%	0.035%
34	13.747	1778	1780	1784	rVB4	2747	4477	0.16%	0.013%

LSC Area Percent Report

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Acq On : 30 Oct 2017 19:24
Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

35	14.093	1835	1839	1844	rBV5	2367	4052	0.14%	0.012%
36	14.170	1844	1852	1857	rVV	962412	1418935	50.46%	4.217%
37	14.217	1857	1860	1868	rVB	80862	114823	4.08%	0.341%
38	14.470	1895	1903	1913	rVV	1100122	1788642	63.61%	5.316%
39	14.658	1931	1935	1941	rVB5	4530	6054	0.22%	0.018%
40	14.775	1945	1955	1964	rBV2	733786	1183040	42.07%	3.516%
41	14.957	1979	1986	2003	rBV	263432	484313	17.22%	1.439%
42	15.116	2007	2013	2018	rVB8	7495	11461	0.41%	0.034%
43	15.175	2018	2023	2034	rVB7	17521	31393	1.12%	0.093%
44	15.257	2034	2037	2047	rVB9	3676	6414	0.23%	0.019%
45	15.351	2047	2053	2057	rVB8	2367	4001	0.14%	0.012%
46	15.404	2057	2062	2063	rBV5	4775	5476	0.19%	0.016%
47	15.498	2070	2078	2080	rVB8	2700	5974	0.21%	0.018%
48	15.545	2080	2086	2088	rBV5	3252	6171	0.22%	0.018%
49	15.598	2093	2095	2102	rVB6	5636	8863	0.32%	0.026%
50	15.762	2115	2123	2130	rBV	1510455	2250736	80.04%	6.689%
51	15.821	2130	2133	2137	rVB5	10660	14573	0.52%	0.043%
52	15.874	2137	2142	2152	rBV	292068	469410	16.69%	1.395%
53	16.003	2159	2164	2172	rVB3	19443	31487	1.12%	0.094%
54	16.121	2178	2184	2189	rBV	94564	139080	4.95%	0.413%
55	16.215	2197	2200	2206	rBV7	2212	4517	0.16%	0.013%
56	16.291	2209	2213	2216	rBV6	5020	7644	0.27%	0.023%
57	16.461	2235	2242	2247	rVB	50776	65751	2.34%	0.195%
58	16.544	2252	2256	2261	rVV8	3516	5538	0.20%	0.016%
59	16.632	2270	2271	2277	rBV5	3484	4460	0.16%	0.013%
60	16.737	2286	2289	2294	rBV7	3490	4726	0.17%	0.014%
61	16.802	2294	2300	2303	rBV7	8869	14995	0.53%	0.045%
62	16.890	2312	2315	2318	rBV4	6058	8687	0.31%	0.026%
63	16.949	2324	2325	2329	rVB4	4996	5521	0.20%	0.016%
64	17.049	2336	2342	2347	rVB5	6719	12102	0.43%	0.036%
65	17.225	2367	2372	2381	rBV10	8266	22495	0.80%	0.067%
66	17.307	2382	2386	2393	rVB9	5029	8651	0.31%	0.026%
67	17.390	2395	2400	2406	rBV6	17817	30619	1.09%	0.091%
68	17.454	2408	2411	2414	rBV5	6327	7235	0.26%	0.022%
69	17.513	2415	2421	2431	rVV2	931952	1440160	51.21%	4.280%
70	17.613	2431	2438	2450	rVB	1445983	2264368	80.52%	6.730%
71	17.848	2476	2478	2481	rBV4	4150	4193	0.15%	0.012%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

72	17.918	2487	2490	2494	rVB5	8835	13846	0.49%	0.041%
73	18.159	2528	2531	2534	rBV5	6483	6739	0.24%	0.020%
74	18.265	2543	2549	2555	rBV9	20857	41175	1.46%	0.122%
75	18.383	2563	2569	2578	rBV2	92582	165043	5.87%	0.491%
76	18.588	2601	2604	2607	rBV5	7943	6769	0.24%	0.020%
77	18.670	2616	2618	2621	rBV4	6105	7950	0.28%	0.024%
78	18.764	2626	2634	2638	rBV10	14398	38728	1.38%	0.115%
79	18.894	2653	2656	2658	rBV4	6629	6980	0.25%	0.021%
80	19.117	2690	2694	2698	rBV4	19680	26731	0.95%	0.079%
81	19.229	2710	2713	2716	rVB5	9166	12718	0.45%	0.038%
82	19.464	2742	2753	2756	rBV5	39043	107867	3.84%	0.321%
83	19.522	2756	2763	2766	rBV3	49208	108314	3.85%	0.322%
84	19.558	2767	2769	2772	rVV2	16538	23315	0.83%	0.069%
85	19.781	2803	2807	2814	rVB4	24805	42573	1.51%	0.127%
86	19.893	2819	2826	2837	rBV	1801172	2764990	98.33%	8.218%
87	19.987	2837	2842	2845	rBV6	17397	38283	1.36%	0.114%
88	21.403	3079	3083	3096	rVB	137460	265718	9.45%	0.790%
89	21.655	3123	3126	3131	rBV	64334	84290	3.00%	0.251%
90	21.790	3141	3149	3163	rVB	992472	1784816	63.47%	5.305%
91	22.272	3228	3231	3245	rVB	87500	263000	9.35%	0.782%
92	22.595	3281	3286	3289	rBV5	35948	63578	2.26%	0.189%
93	22.813	3305	3323	3347	rVB5	331619	2652832	94.34%	7.884%
94	23.289	3402	3404	3413	rVB7	28471	55750	1.98%	0.166%
95	24.129	3541	3547	3554	rBV2	64862	140059	4.98%	0.416%
96	24.199	3555	3559	3567	rVB2	22400	59849	2.13%	0.178%
97	24.875	3663	3674	3688	rVB2	958834	2812044	100.00%	8.358%
98	25.098	3702	3712	3727	rVB2	602317	1799177	63.98%	5.347%
99	26.279	3905	3913	3920	rVB4	84629	243290	8.65%	0.723%
100	29.370	4432	4439	4452	rVB7	47312	171770	6.11%	0.511%

Sum of corrected areas: 33646706

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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Acq On : 30 Oct 2017 19:24
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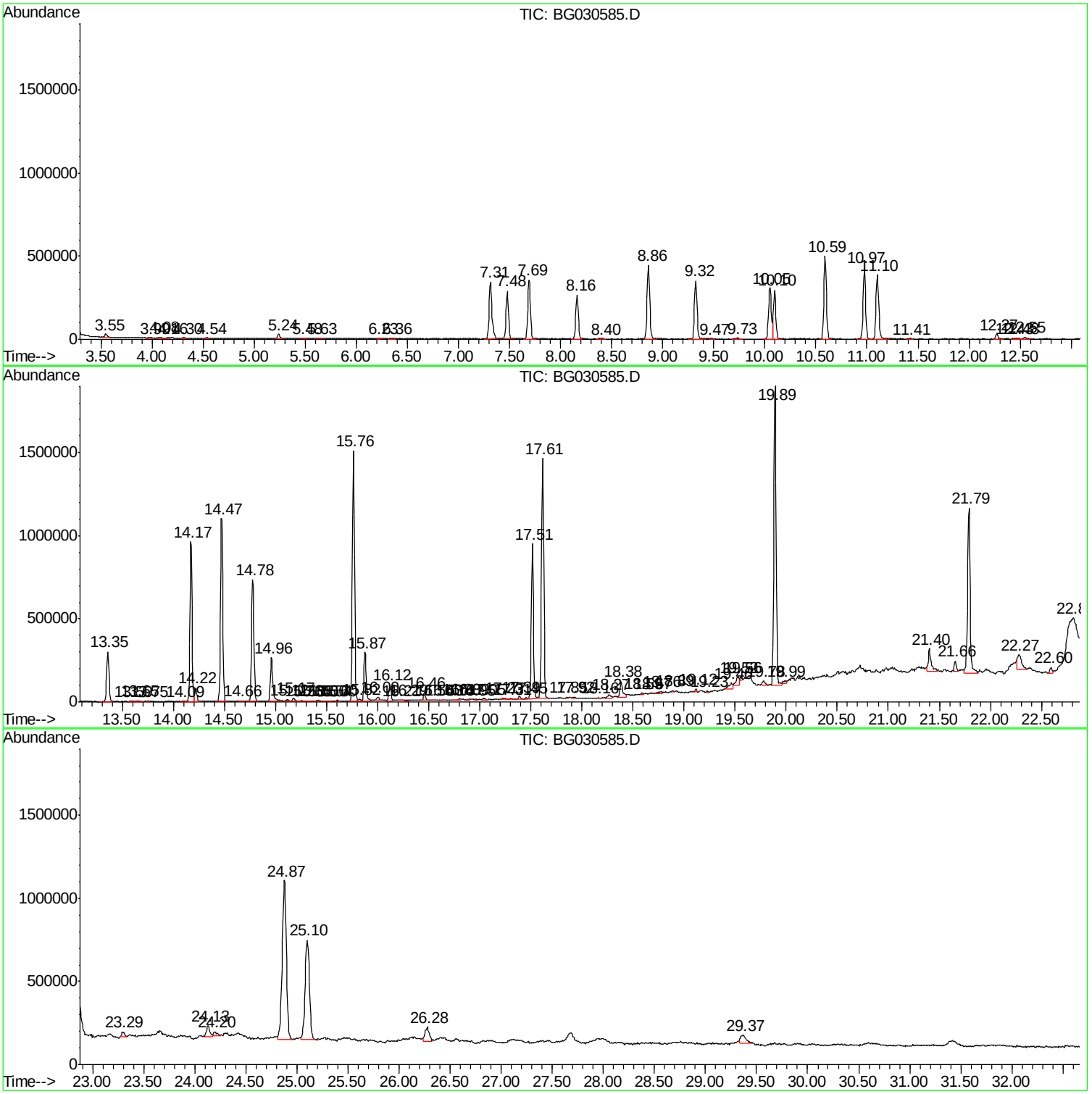
Sample : I5842-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

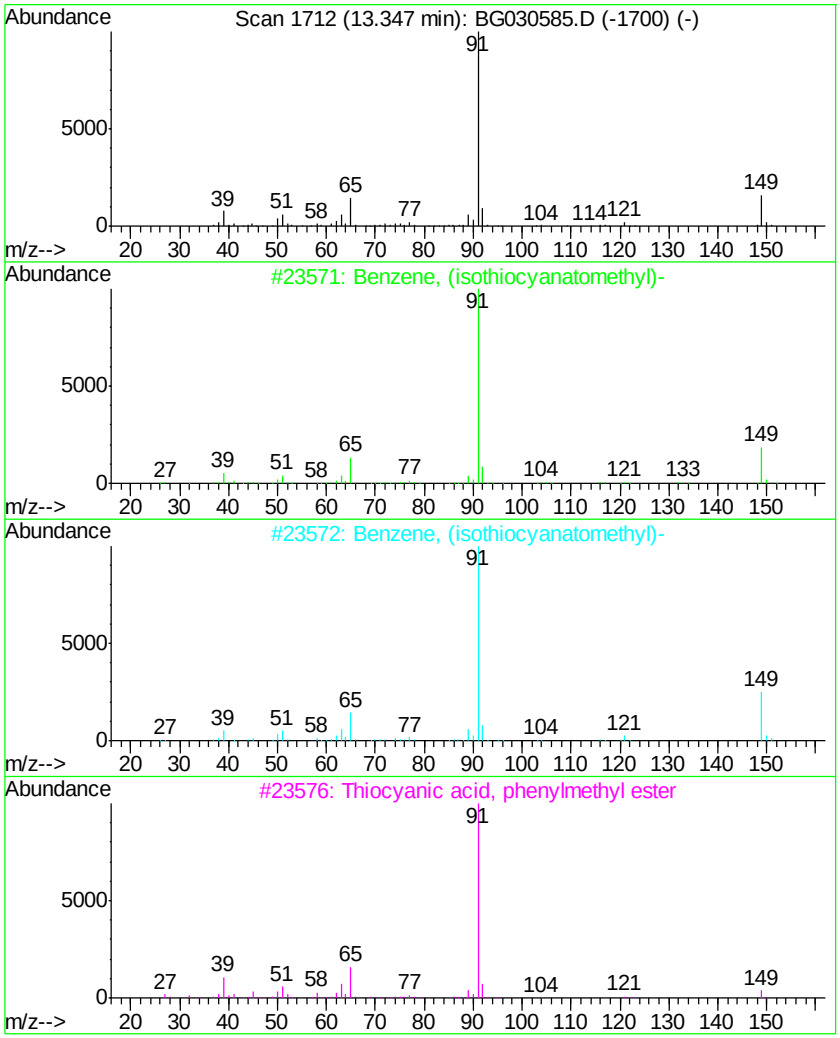
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

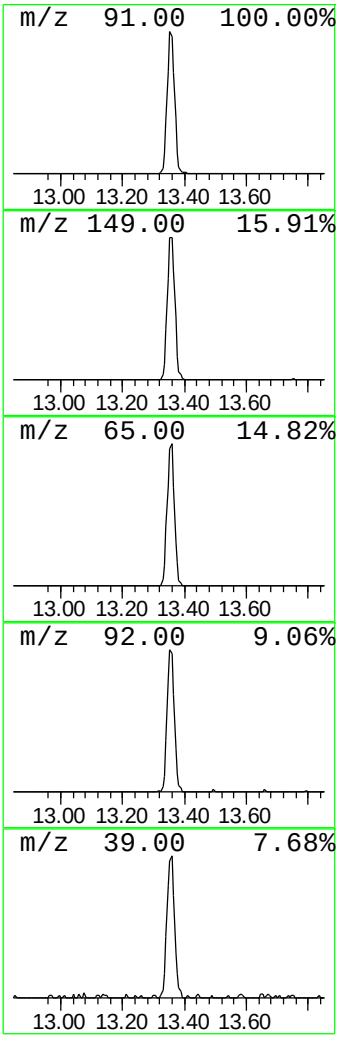
****

Peak Number 1 Benzene, (isothiocyanatomet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.31 ng/ul	491761	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (isothiocyanatomethyl)-	149	C8H7NS	000622-78-6	93
2	Benzene, (isothiocyanatomethyl)-	149	C8H7NS	000622-78-6	90
3	Thiocyanic acid, phenylmethyl ester	149	C8H7NS	003012-37-1	83
4	Thiocyanic acid, phenylmethyl ester	149	C8H7NS	003012-37-1	80
5	Thiocyanic acid, phenylmethyl ester	149	C8H7NS	003012-37-1	64





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Acq On : 30 Oct 2017 19:24
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Sample : I5842-14
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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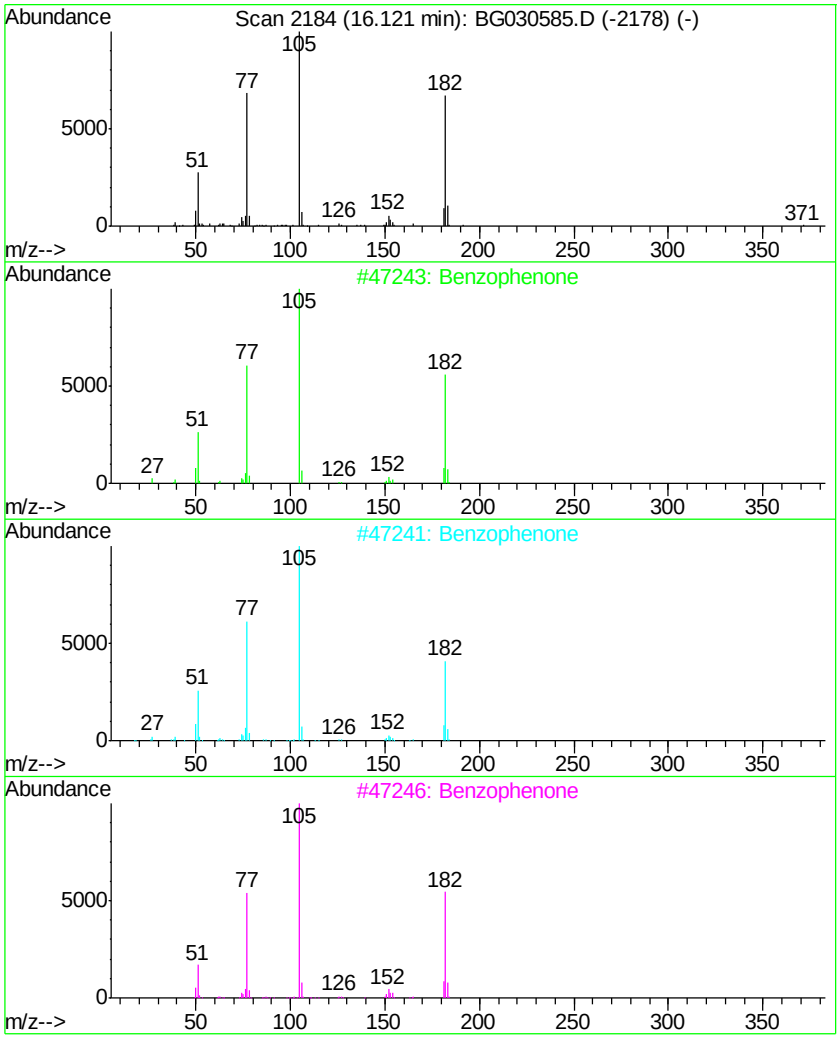
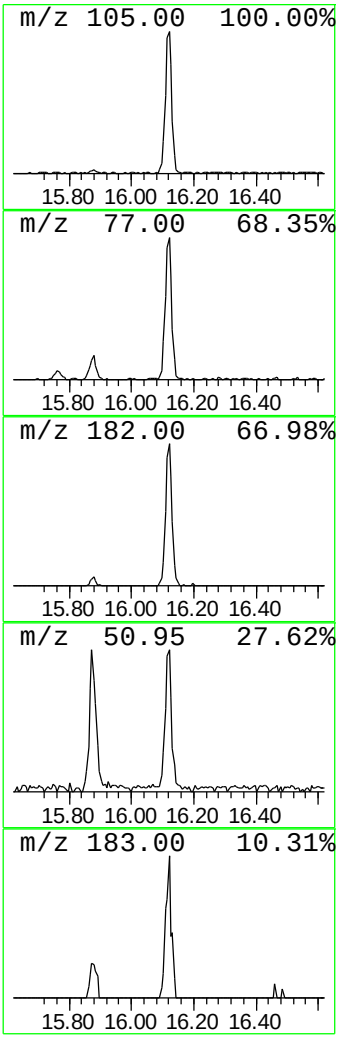
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.35 ng/ul	139080	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

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Acq On : 30 Oct 2017 19:24
Operator : SJ/JU
Sample : I5842-14
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Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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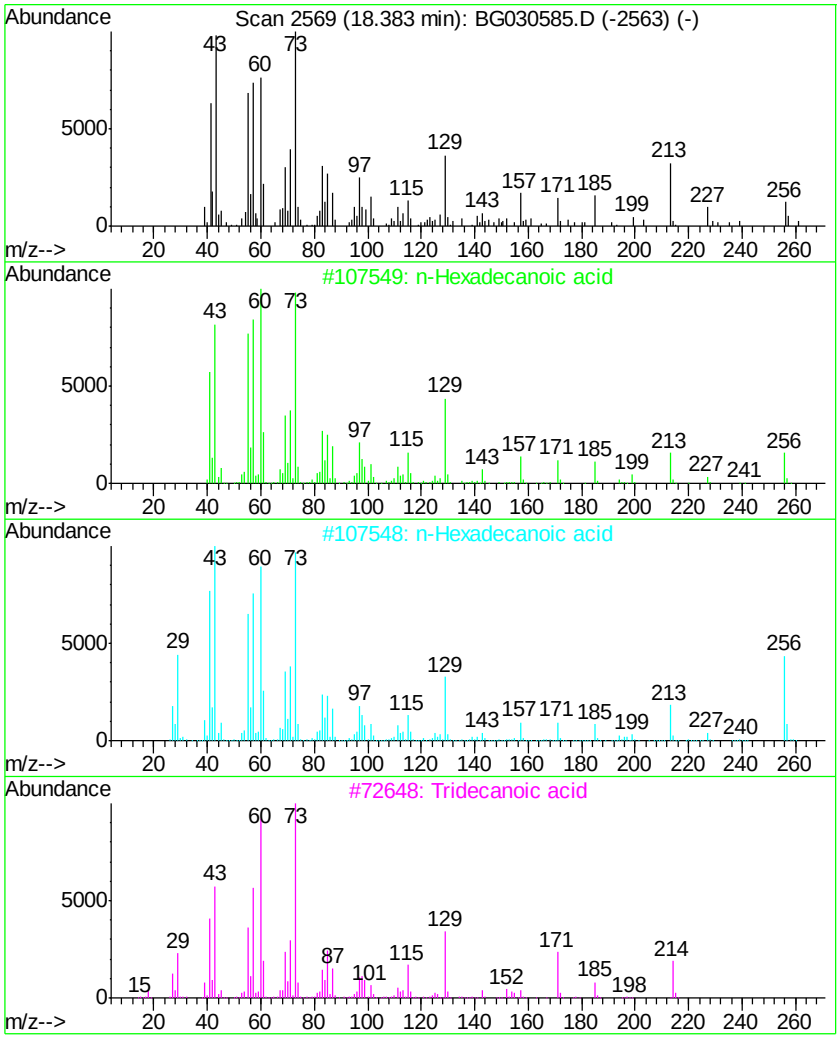
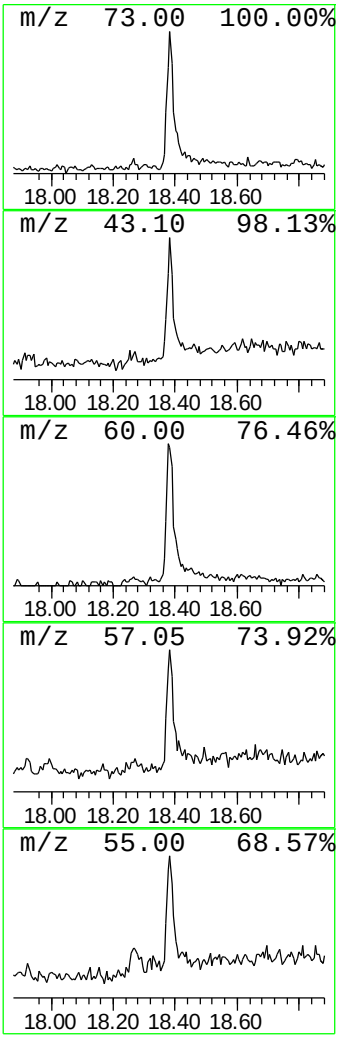
Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.29 ng/ul	165043	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : I5842-14
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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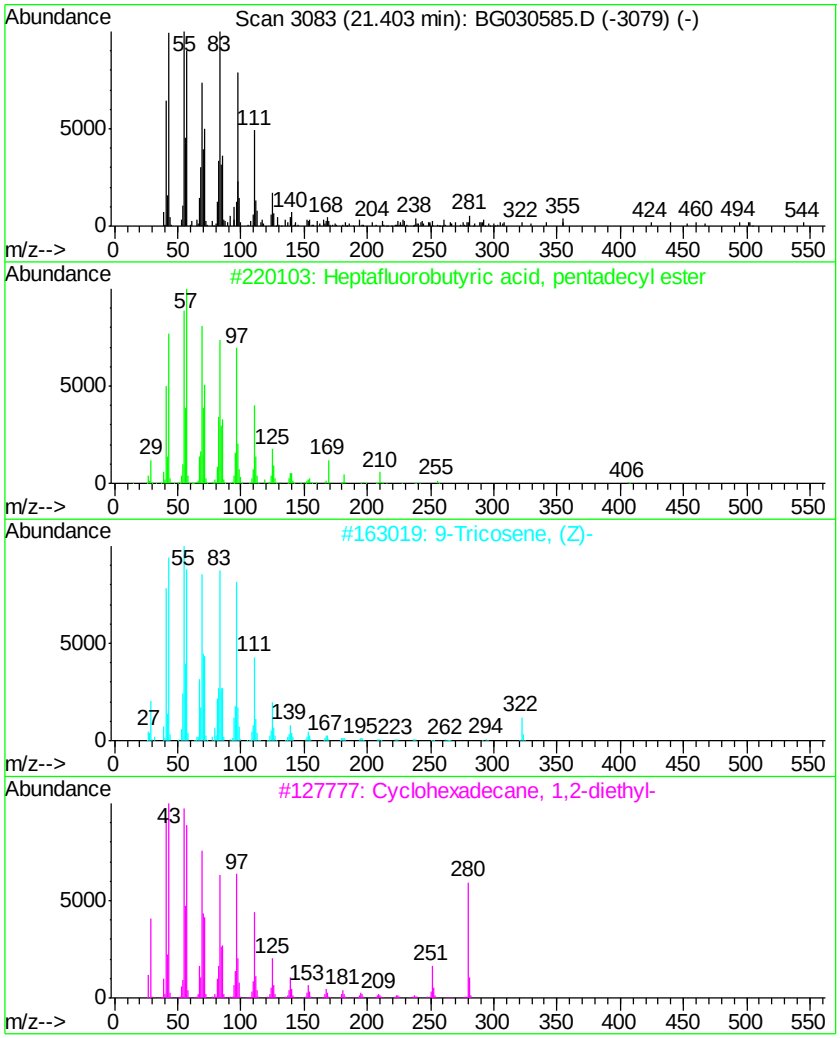
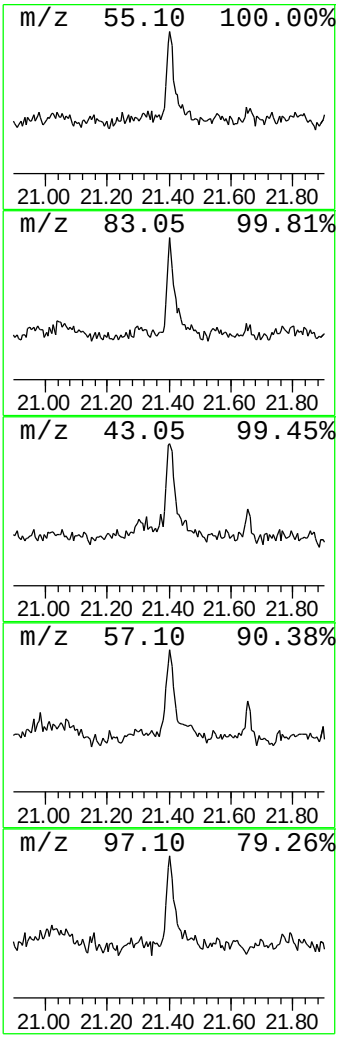
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.98 ng/ul	265718	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	92





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

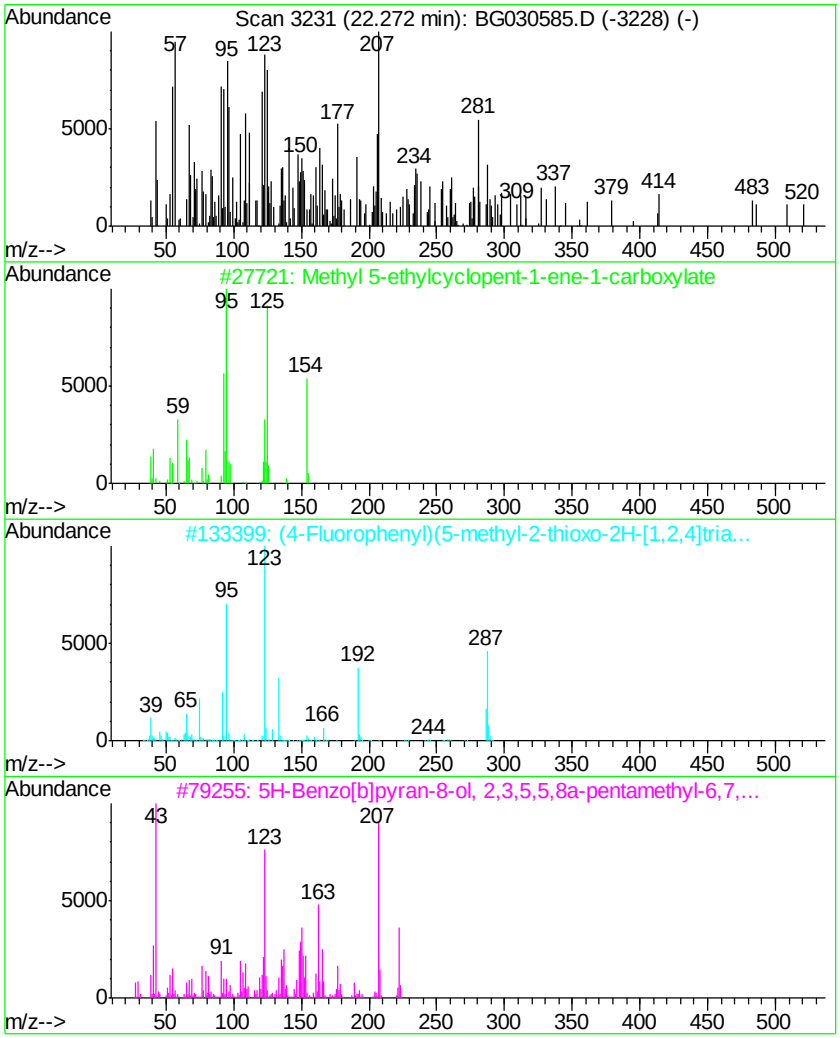
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

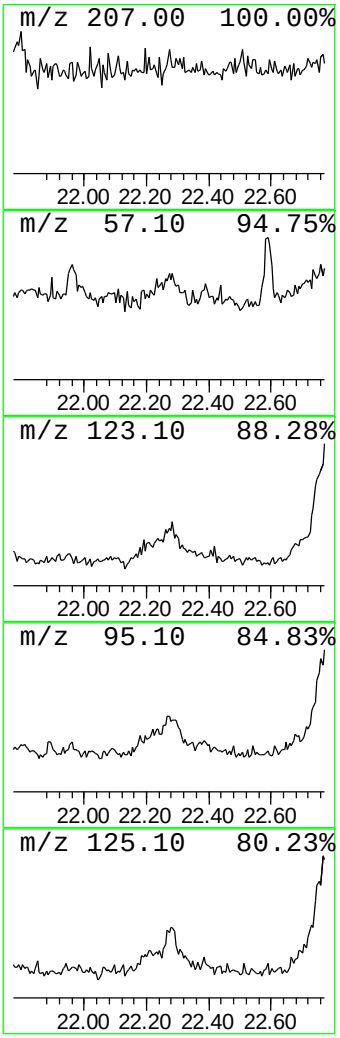
****

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.95 ng/ul	263000	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5-ethylcyclopent-1-ene-1-...	154	C9H14O2	182683-18-7	27
2	(4-Fluorophenyl)(5-methyl-2-thio...	287	C14H10FN3OS	1000304-13-9	22
3	5H-Benzo[b]pyran-8-ol, 2,3,5,5,8...	222	C14H22O2	097306-66-6	22
4	Methyl 3,3-dichloropropenoate	154	C4H4Cl2O2	002257-46-7	14
5	Benzamide, 4-fluoro-N-(7-methyl-...	287	C14H10FN3OS	1000350-88-7	12





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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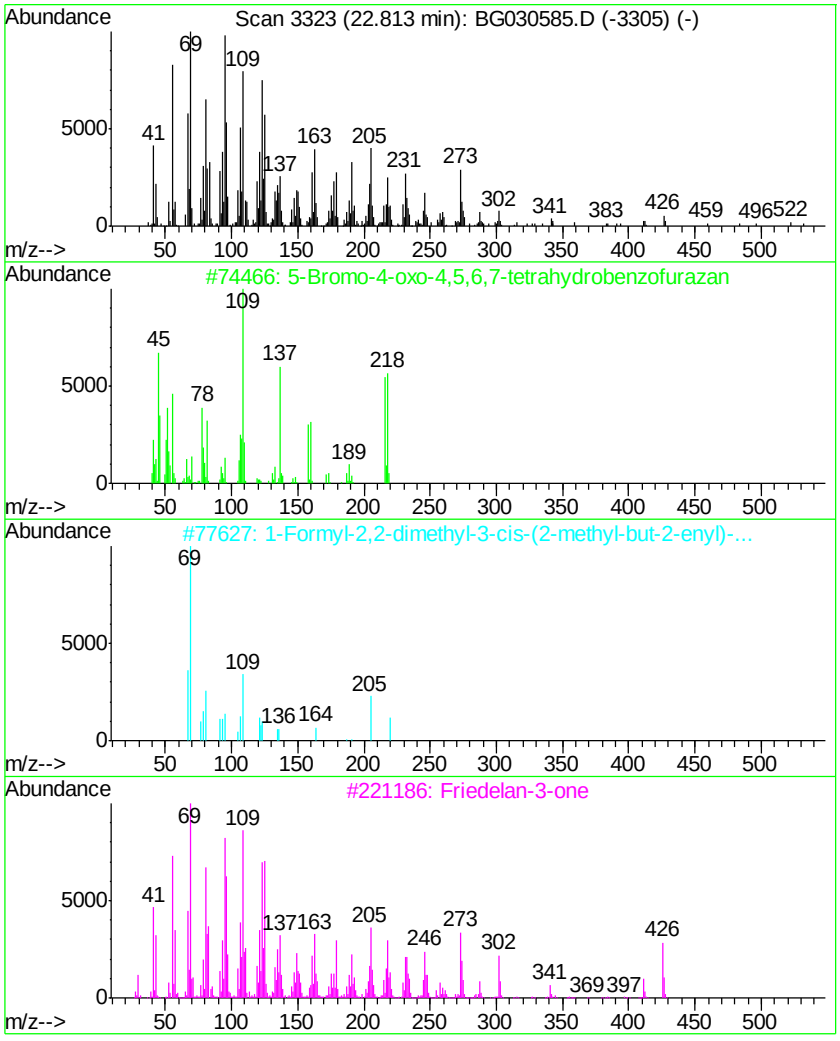
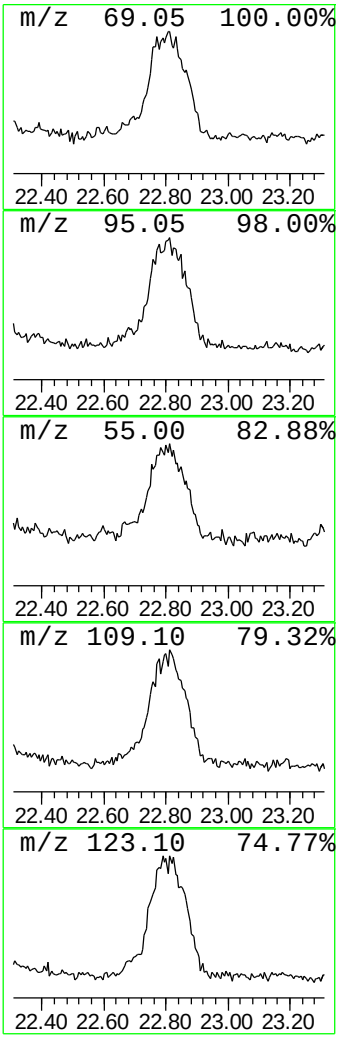
Peak Number 6 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	29.73 ng/ul	2652830	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
2	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	38
3	Friedelan-3-one	426	C30H50O	000559-74-0	35
4	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	35
5	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030585.D
Acq On : 30 Oct 2017 19:24
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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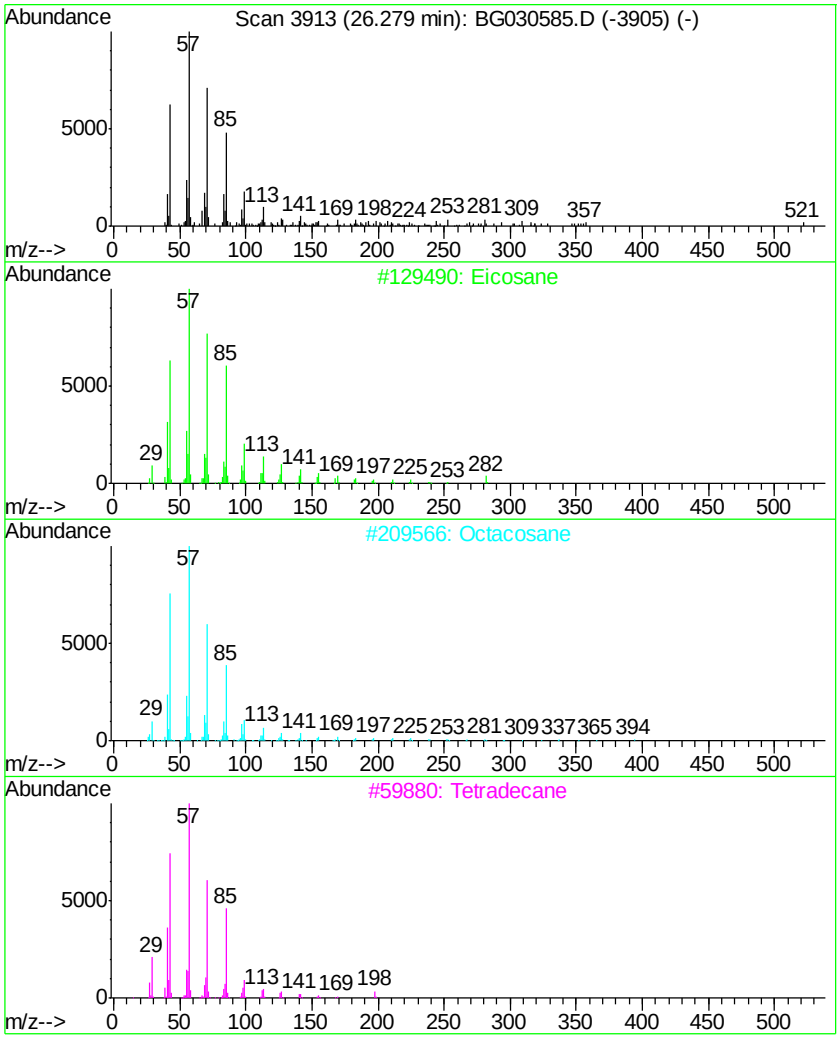
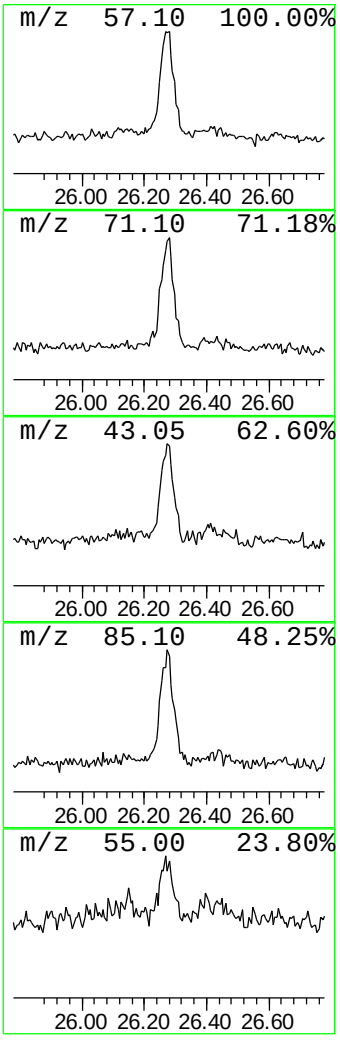
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	2.70 ng/ul	243290	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030585.D
Acq On : 30 Oct 2017 19:24
Operator : SJ/JU
Sample : I5842-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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
Benzene, (isothio...	13.35	8.3	ng/ul	491761	3	14.78	1183040	20.0
Benzophenone	16.12	2.4	ng/ul	139080	3	14.78	1183040	20.0
n-Hexadecanoic acid	18.38	2.3	ng/ul	165043	4	17.51	1440160	20.0
Heptafluorobutyri...	21.40	3.0	ng/ul	265718	5	21.79	1784820	20.0
unknown-01	22.27	3.0	ng/ul	263000	5	21.79	1784820	20.0
5-Bromo-4-oxo-4,5...	22.81	29.7	ng/ul	2652830	5	21.79	1784820	20.0
(DEL) Alkane: Str...	26.28	2.7	ng/ul	243290	6	25.10	1799180	20.0