LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022993.D
Acq On : 10 Jul 2016 10:09
Operator : UM/SJ
Sample : H3876-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3-A-LOCATION-3-0-5FT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.044	29	35	41	rBV	154771	209628	4.23%	0.497%
2	5.224	398	406	410	rBV2	79022	130541	2.63%	0.309%
3	5.694	480	486	496	rBV	1299450	2123517	42.84%	5.032%
4	7.304	749	760	771	rBV	1582215	2788630	56.26%	6.608%
5	7.680	817	824	833	rBV	1431402	2456733	49.57%	5.822%
6	8.150	896	904	911	rBV	474283	799417	16.13%	1.894%
7	8.479	951	960	969	rBV	911704	1631103	32.91%	3.865%
8	9.325	1096	1104	1113	rBV	957295	1782263	35.96%	4.223%
9	10.976	1374	1385	1394	rBV	686547	1299172	26.21%	3.079%
10	13.414	1791	1800	1811	rBV	2305935	3650144	73.64%	8.650%
11	14.237	1934	1940	1947	rBV	367375	582425	11.75%	1.380%
12	14.666	2008	2013	2019	rBV5	32613	51076	1.03%	0.121%
13	14.795	2027	2035	2043	rBV2	1189364	1977642	39.90%	4.686%
14	15.617	2171	2175	2180	rVB3	58180	79864	1.61%	0.189%
15	16.023	2237	2244	2247	rBV6	29001	51911	1.05%	0.123%
16	16.287	2283	2289	2298	rBV	2341136	3651421	73.67%	8.653%
17	16.481	2317	2322	2324	rBV4	76268	98583	1.99%	0.234%
18	16.505	2324	2326	2332	rVB3	64292	81224	1.64%	0.192%
19	17.274	2453	2457	2461	rBV2	90915	118890	2.40%	0.282%
20	17.327	2462	2466	2470	rBV7	41882	64709	1.31%	0.153%
21	17.550	2498	2504	2509	rBV	1522700	2388962	48.20%	5.661%
22	17.597	2509	2512	2517	rVB	263560	387420	7.82%	0.918%
23	17.686	2523	2527	2532	rVB3	61351	79946	1.61%	0.189%
24	18.020	2580	2584	2588	rVB3	49381	73736	1.49%	0.175%
25	18.420	2647	2652	2657	rBV2	190831	298906	6.03%	0.708%
26	18.479	2657	2662	2668	rVB2	99950	169337	3.42%	0.401%
27	18.626	2682	2687	2691	rBV4	79388	135940	2.74%	0.322%
28	18.925	2734	2738	2742	rBV2	39695	50286	1.01%	0.119%
29	19.331	2801	2807	2811	rBV6	69026	131422	2.65%	0.311%
30	19.601	2847	2853	2859	rBV	562507	789295	15.92%	1.870%
31	19.683	2865	2867	2872	rVB6	47664	63083	1.27%	0.149%
32	19.748	2875	2878	2882	rBV	51794	81174	1.64%	0.192%
33	19.930	2904	2909	2910	rBV	87120	135990	2.74%	0.322%
34	19.959	2910	2914	2921	rVB	449637	700640	14.14%	1.660%

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Instrument : BNA_G
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.030	2923	2926	2931	rVB5	53141	63399	1.28%	0.150%
36	20.153	2941	2947	2952	rBV	3622246	4956520	100.00%	11.745%
37	20.271	2963	2967	2969	rBV4	66296	104014	2.10%	0.246%
38	20.424	2987	2993	2994	rBV6	51914	86503	1.75%	0.205%
39	21.223	3126	3129	3134	rVB	70488	95107	1.92%	0.225%
40	21.458	3165	3169	3175	rVB5	159809	228890	4.62%	0.542%
41	21.563	3184	3187	3192	rVB3	70184	104941	2.12%	0.249%
42	21.851	3227	3236	3241	rBV2	1650139	3206078	64.68%	7.597%
43	21.892	3241	3243	3251	rVB	217550	323686	6.53%	0.767%
44	22.122	3279	3282	3287	rVB6	51026	72307	1.46%	0.171%
45	24.125	3619	3623	3631	rBV2	103766	336740	6.79%	0.798%
46	24.207	3633	3637	3644	rVB5	180848	357500	7.21%	0.847%
47	24.895	3748	3754	3759	rBV3	70992	162329	3.28%	0.385%
48	25.048	3773	3780	3786	rVB2	113507	266455	5.38%	0.631%
49	25.206	3795	3807	3818	rBV2	905298	2721117	54.90%	6.448%

Sum of corrected areas: 42200616

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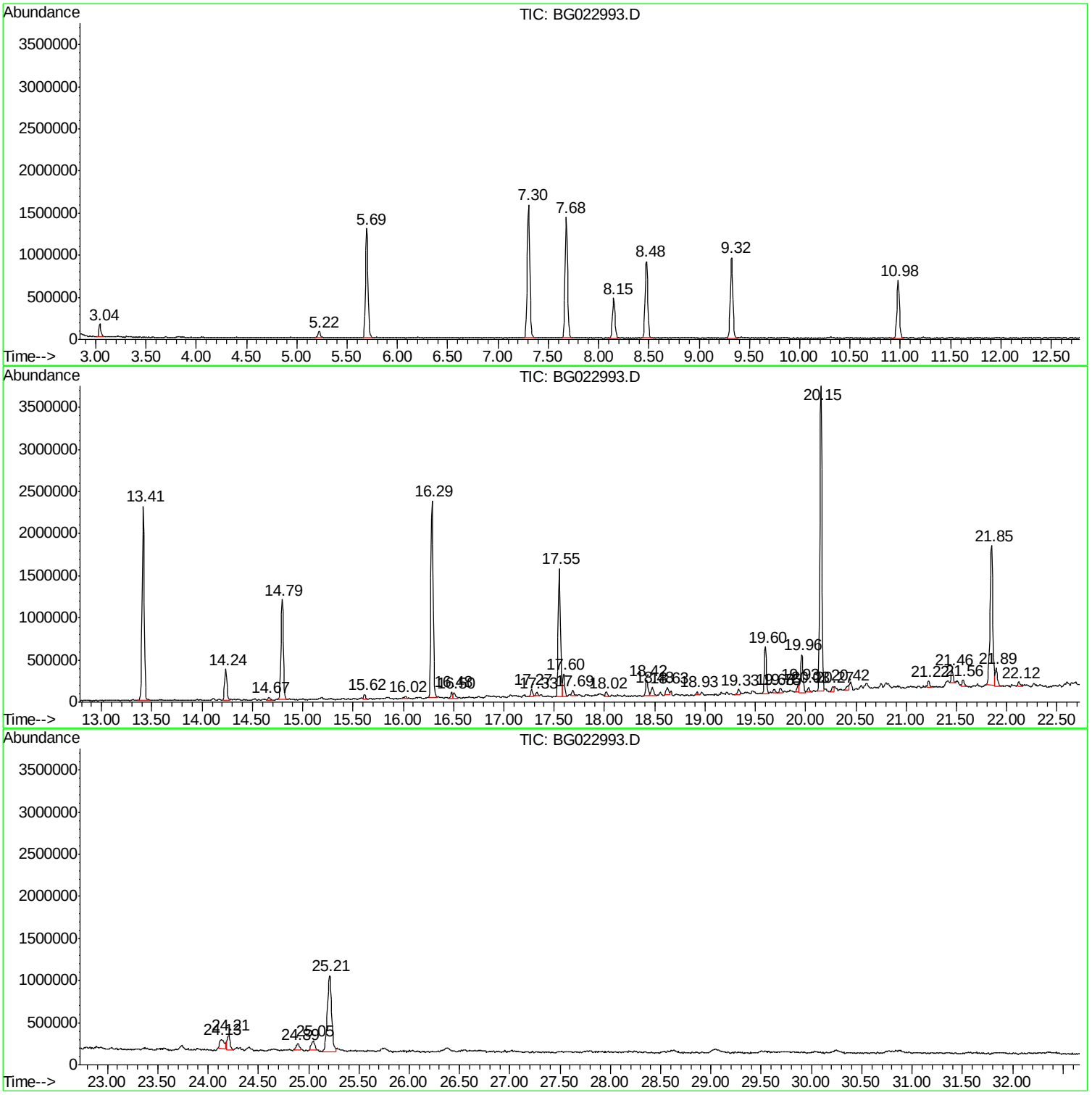
ClientSampleId :
3-A-LOCATION-3-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BG022993.D
Acq On : 10 Jul 2016 10:09
Operator : UM/SJ
Sample : H3876-05
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3-A-LOCATION-3-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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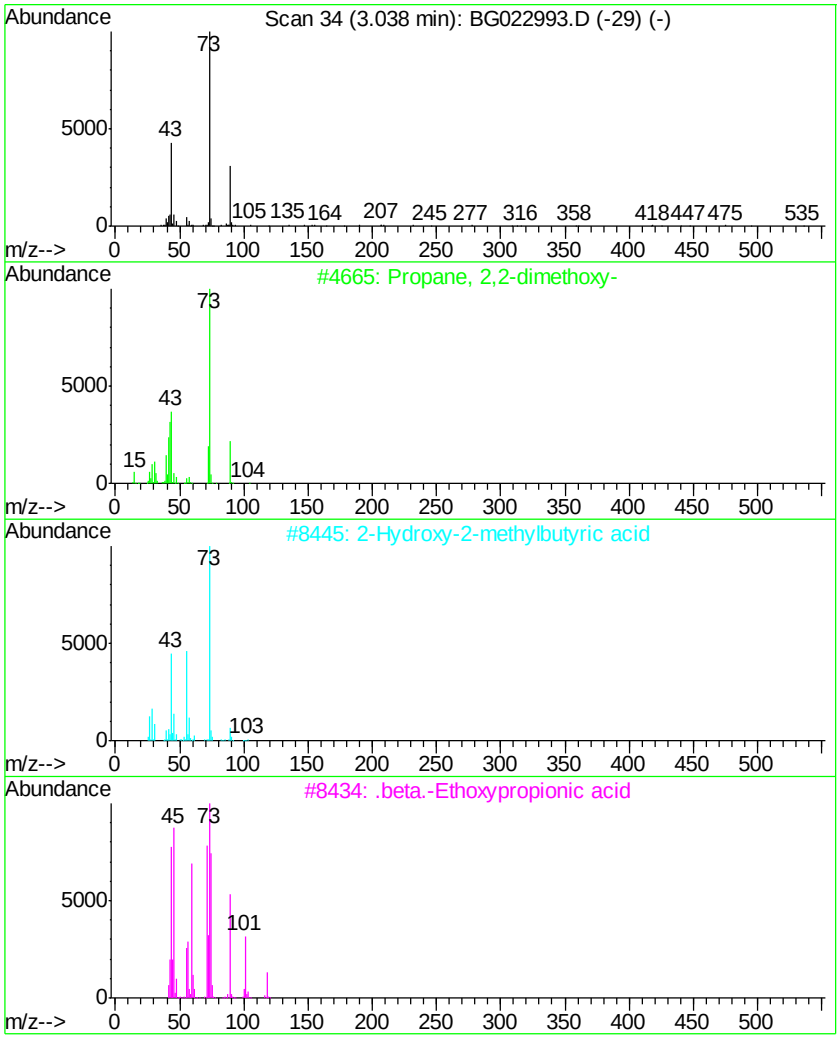
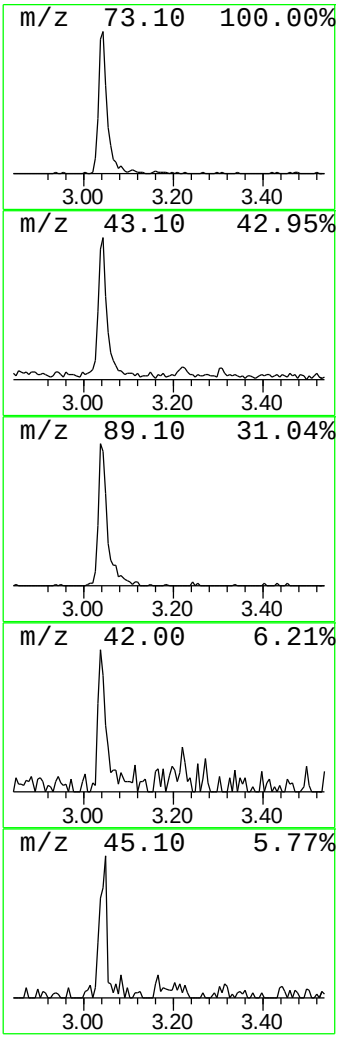
Peak Number 1 unknown3.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	5.24 ng	209628	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
3	.beta.-Ethoxypropionic acid	118	C5H10O3	004324-38-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





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Sample : H3876-05
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Instrument : BNA_G
ClientSampleId : 3-A-LOCATION-3-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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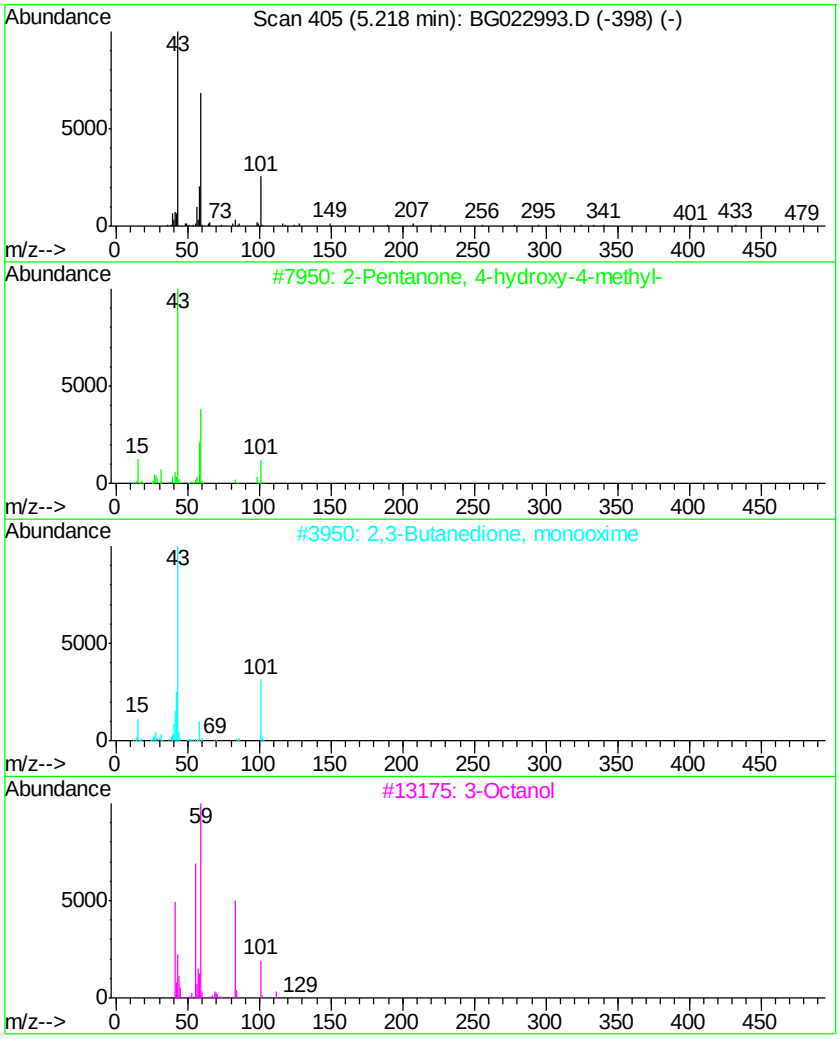
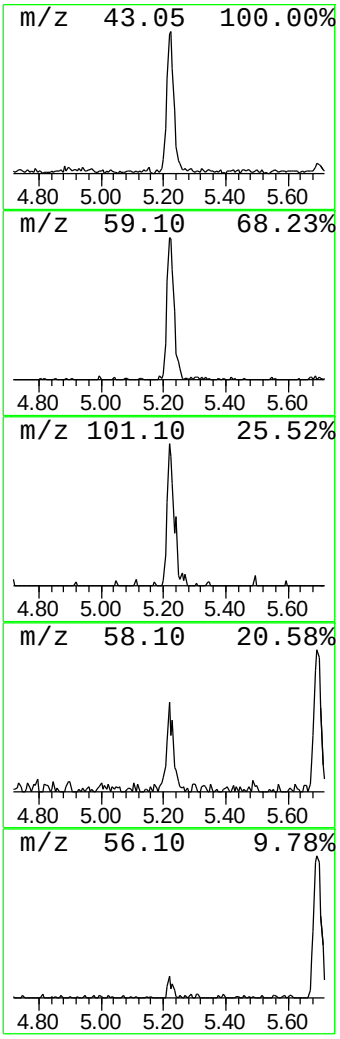
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.27 ng	130541	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Octanol	130	C8H18O	020296-29-1	25
4	Dimethadione	129	C5H7NO3	000695-53-4	25
5	3-Octanol	130	C8H18O	000589-98-0	17





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Instrument :
BNA_G
ClientSampleId :
3-A-LOCATION-3-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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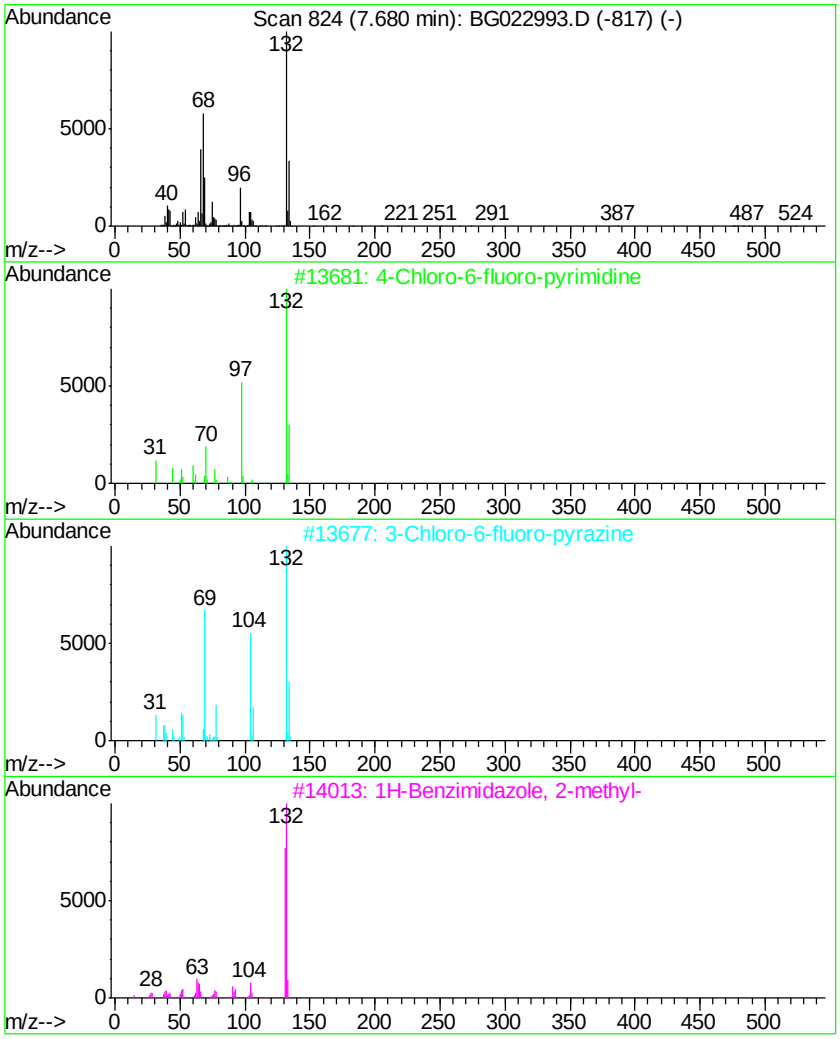
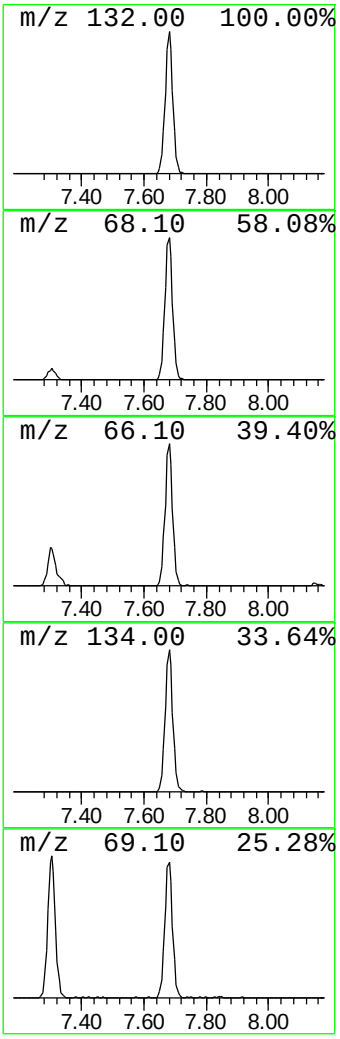
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	61.46 ng	2456730	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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Instrument : BNA_G
ClientSampleId : 3-A-LOCATION-3-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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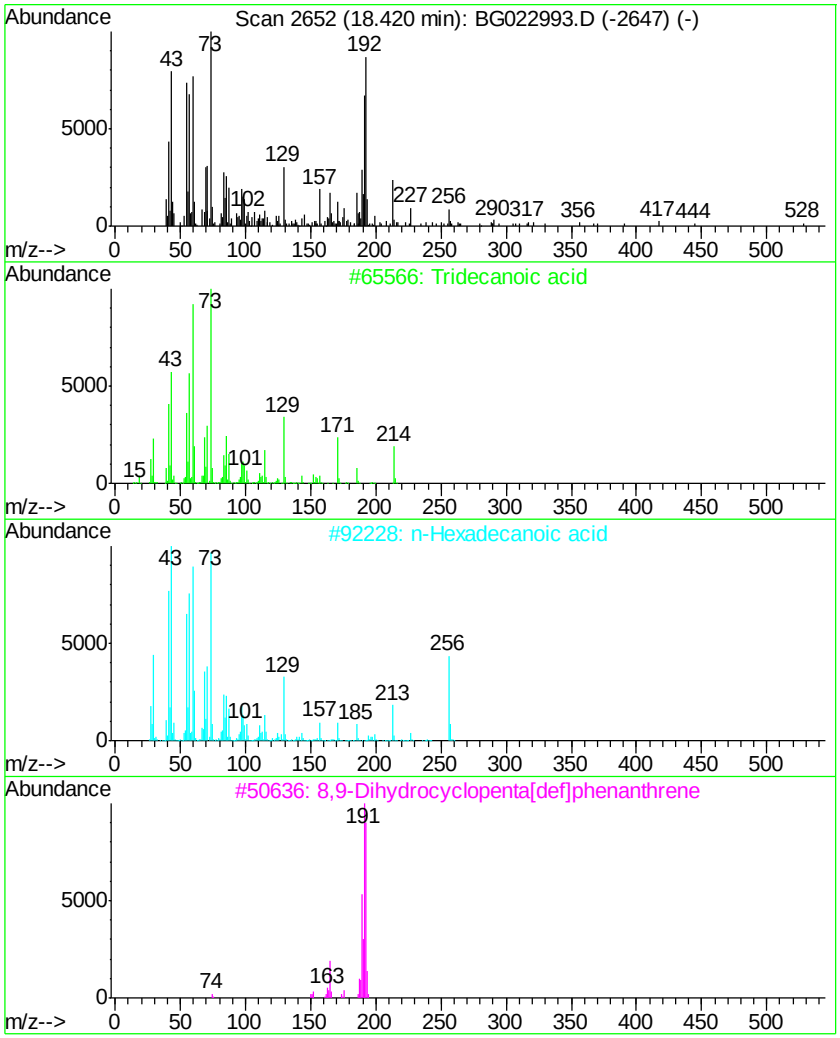
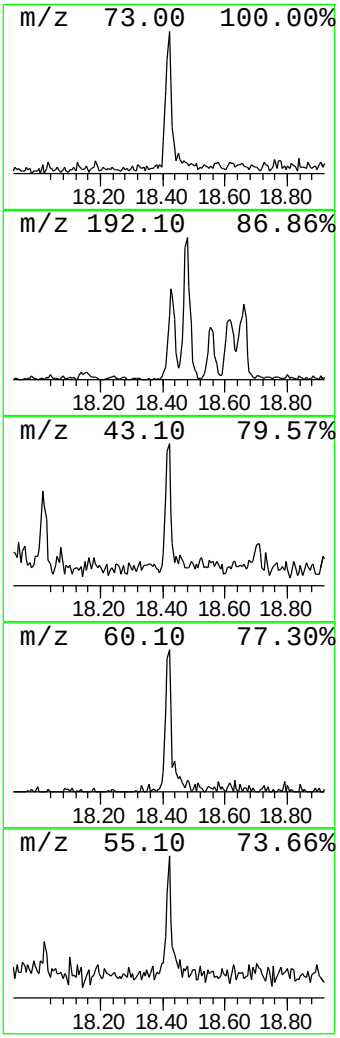
Peak Number 5 unknown18.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.50 ng	298906	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	46
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	43
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





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ClientSampleId :
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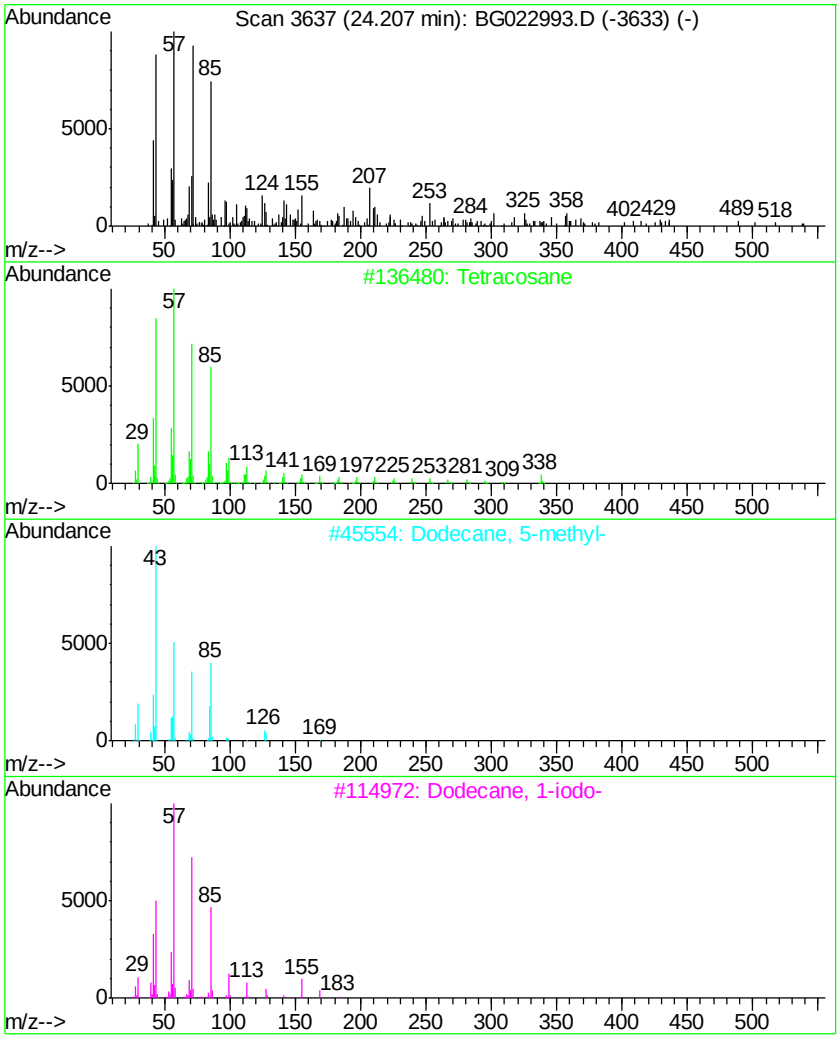
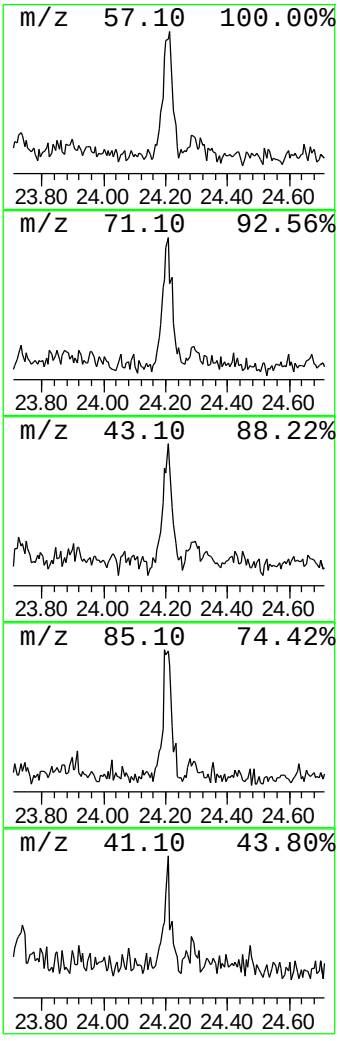
Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.63 ng	357500	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	74
2	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
4	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	59
5	Heptacosane	380	C27H56	000593-49-7	43





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	5.2	ng	209628	1	8.15	799417	20.0
unknown5.22	5.22	3.3	ng	130541	1	8.15	799417	20.0
unknown7.68	7.68	61.5	ng	2456730	1	8.15	799417	20.0
unknown18.42	18.42	2.5	ng	298906	4	17.55	2388960	20.0
Tetracosane	24.21	2.6	ng	357500	6	25.21	2721120	20.0