LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
Data File : BG016411.D
Acq On : 14 Apr 2015 23:41
Operator : TP/IZ
Sample : G1848-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-34

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-BG040615.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	2.760	7	12	21	rBV	361226	533930	16.61%	2.863%
2	2.837	21	25	39	rVB	345258	426927	13.28%	2.289%
3	4.781	350	356	363	rVB	51998	74653	2.32%	0.400%
4	5.251	431	436	446	rBV	475001	678800	21.12%	3.640%
5	6.850	700	708	717	rBV	308882	472283	14.69%	2.532%
6	7.202	761	768	780	rBV	941372	1440846	44.82%	7.726%
7	7.666	841	847	853	rBV	213681	320438	9.97%	1.718%
8	7.983	894	901	909	rBV	825193	1328238	41.32%	7.122%
9	8.824	1037	1044	1054	rBV	712094	1132401	35.23%	6.072%
10	10.451	1312	1321	1330	rBV	318023	509345	15.85%	2.731%
11	12.931	1736	1743	1749	rBV	1861983	2687230	83.60%	14.409%
12	13.207	1785	1790	1796	rBV3	19872	32898	1.02%	0.176%
13	13.771	1881	1886	1894	rBV	32088	49130	1.53%	0.263%
14	14.311	1970	1978	1986	rBV2	469894	701449	21.82%	3.761%
15	15.669	2204	2209	2215	rBV	27561	41457	1.29%	0.222%
16	15.798	2225	2231	2243	rBV	1204480	1760606	54.77%	9.440%
17	16.080	2275	2279	2284	rVB	25097	34127	1.06%	0.183%
18	16.814	2399	2404	2410	rBV4	20709	35659	1.11%	0.191%
19	17.049	2438	2444	2450	rBV2	625481	886185	27.57%	4.752%
20	17.948	2592	2597	2605	rBV	124260	194253	6.04%	1.042%
21	19.235	2812	2816	2824	rBV2	49255	82160	2.56%	0.441%
22	19.682	2886	2892	2900	rBV	2567310	3214508	100.00%	17.236%
23	20.945	3103	3107	3113	rBV	73901	96728	3.01%	0.519%
24	21.233	3151	3156	3165	rVB	755058	961648	29.92%	5.156%
25	23.459	3529	3535	3548	rVB2	488324	953826	29.67%	5.114%

Sum of corrected areas: 18649725

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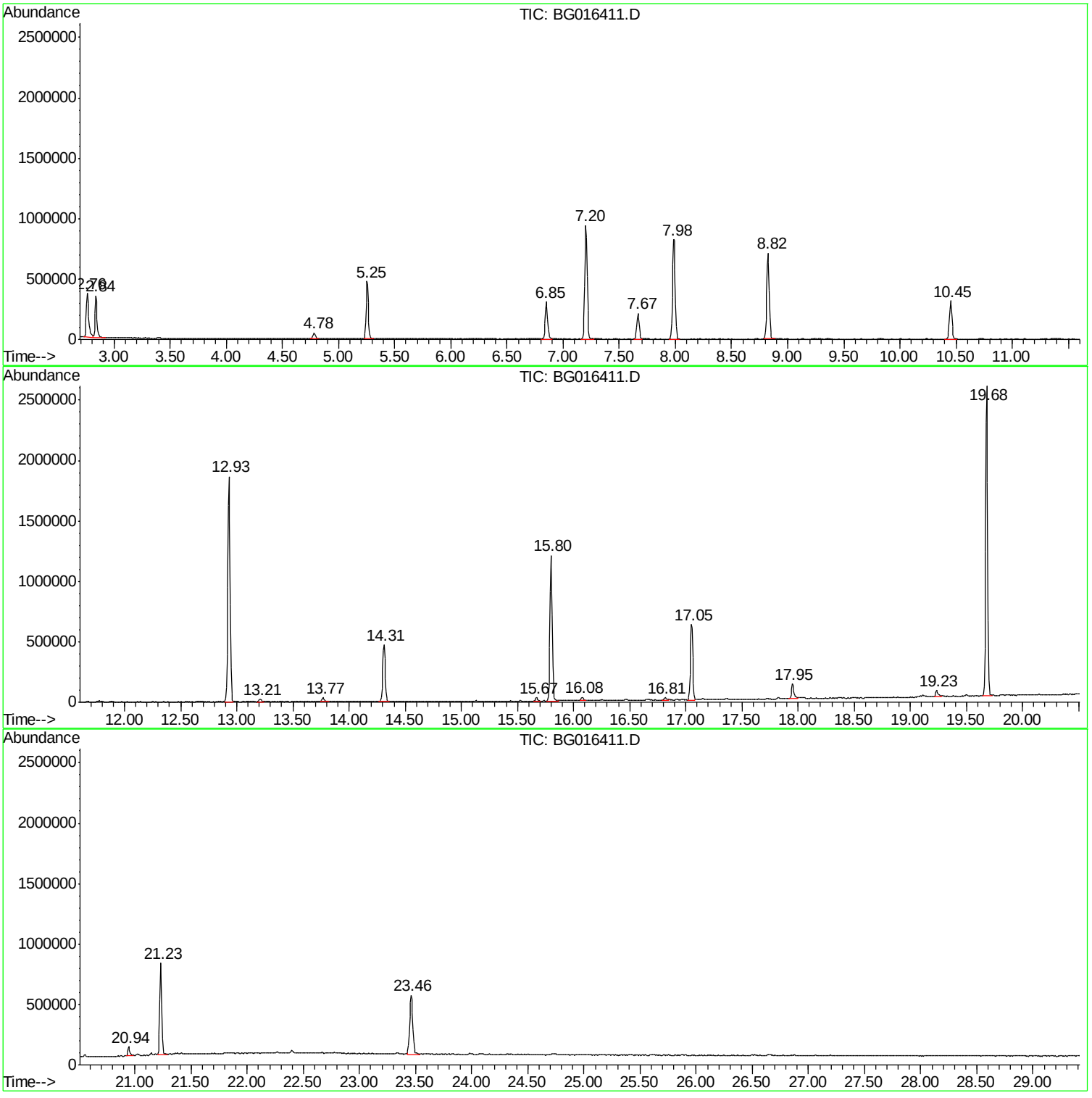
Instrument : BNA_G
ClientSampleId : TE-PMW-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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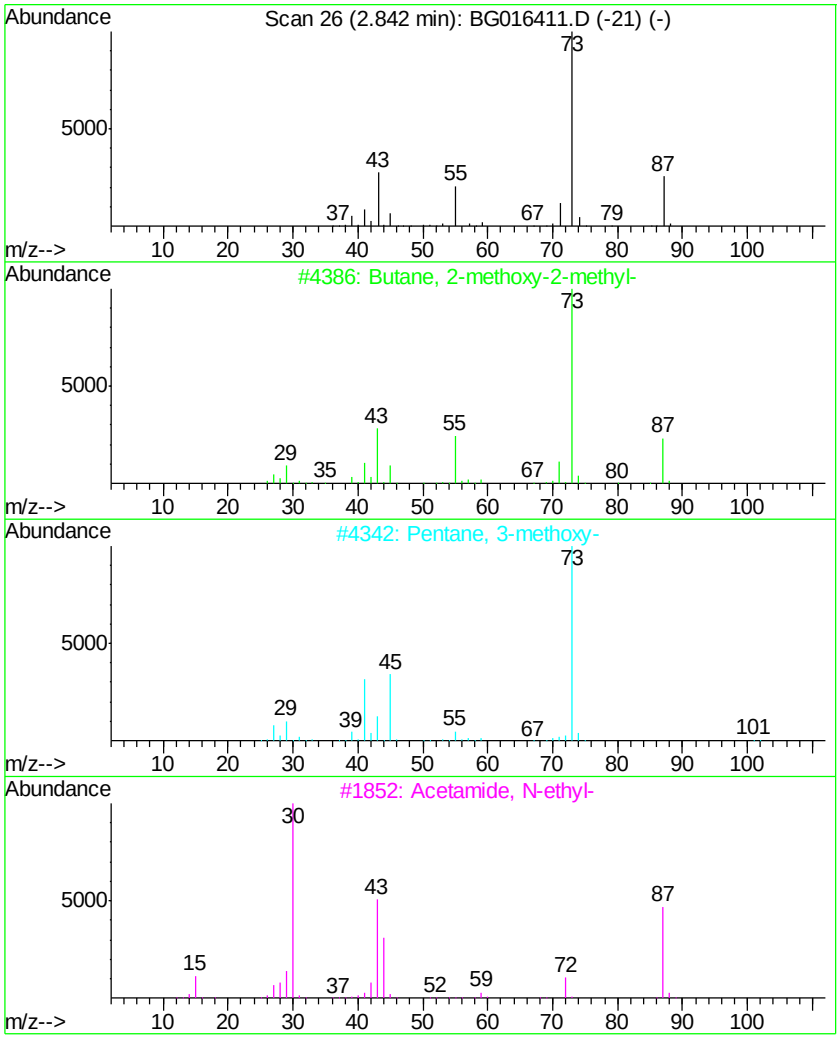
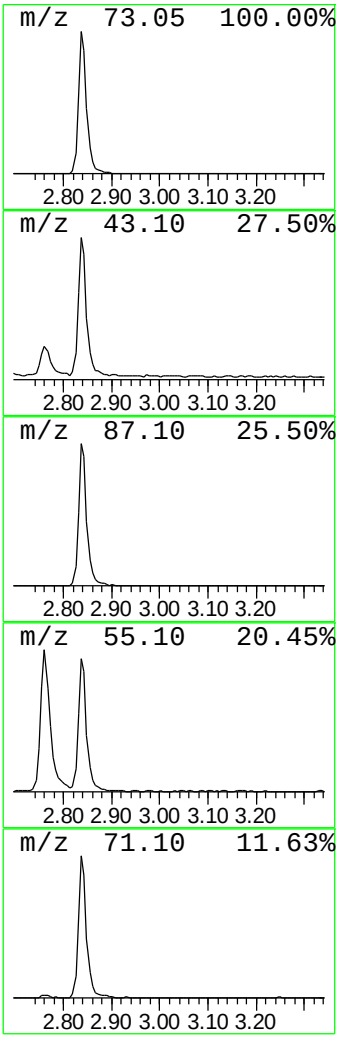
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	26.65 ng	426927	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : G1848-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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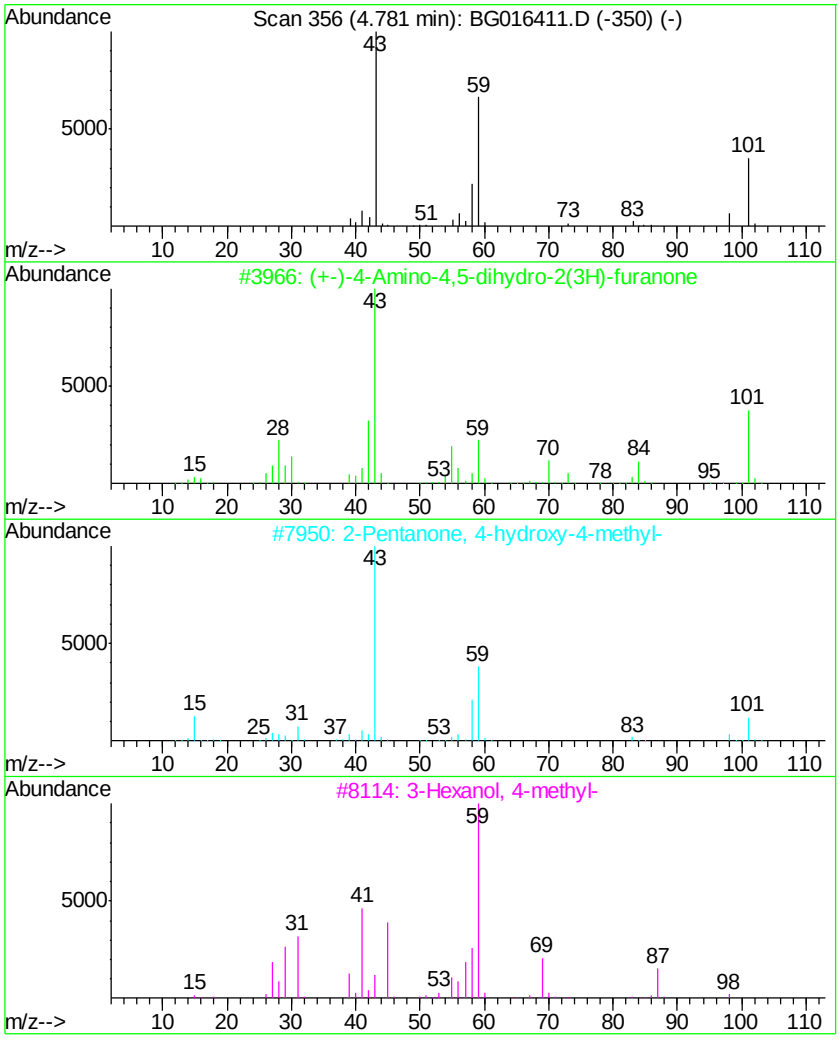
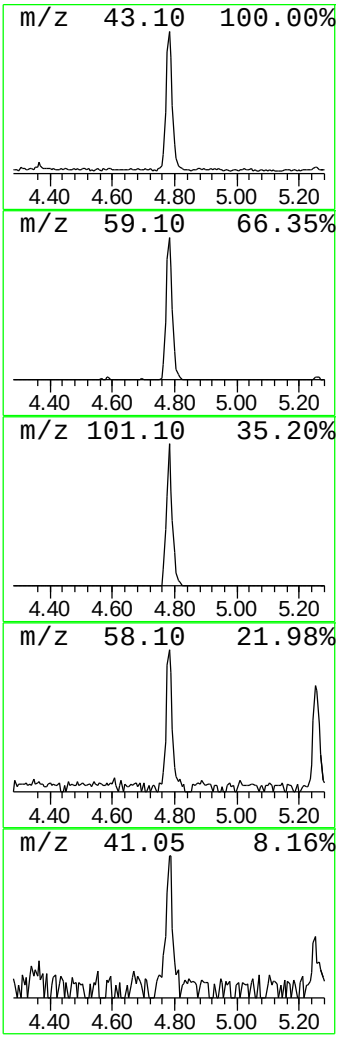
Peak Number 3 unknown4.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	4.66 ng	74653	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25





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Sample : G1848-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-34

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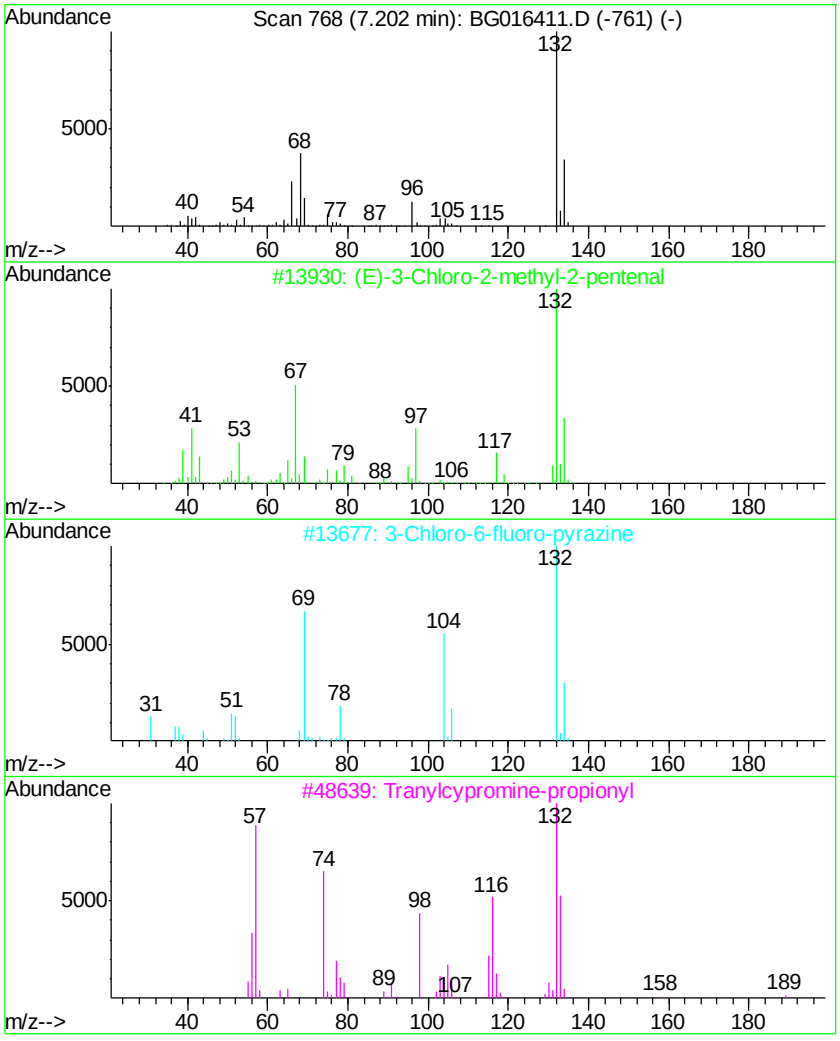
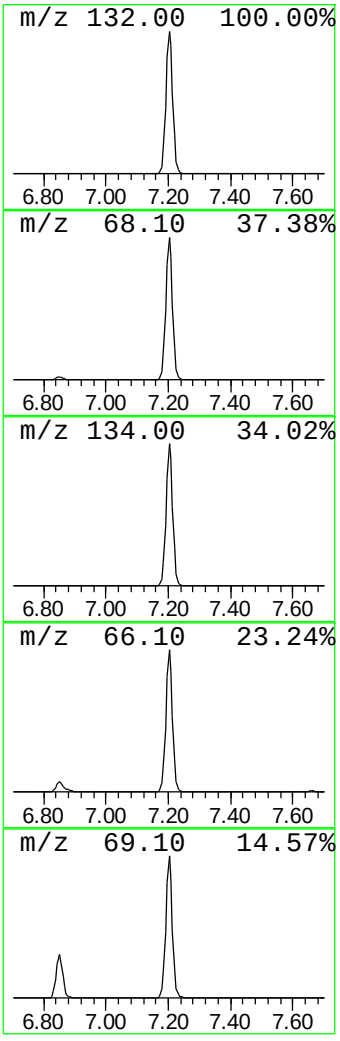
Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	89.93 ng	1440850	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Sample : G1848-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
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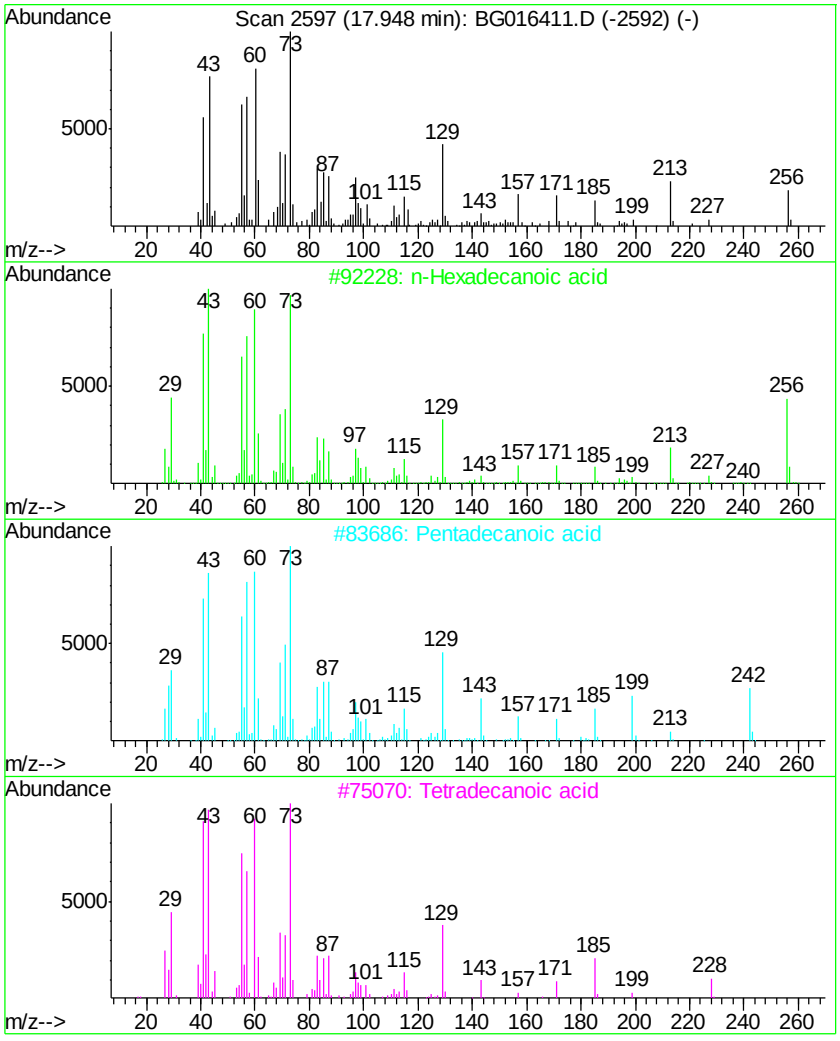
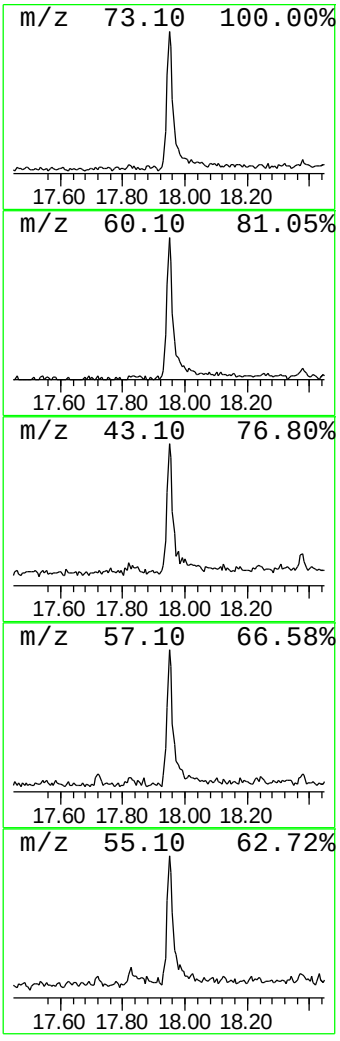
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.38 ng	194253	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Sample : G1848-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-34

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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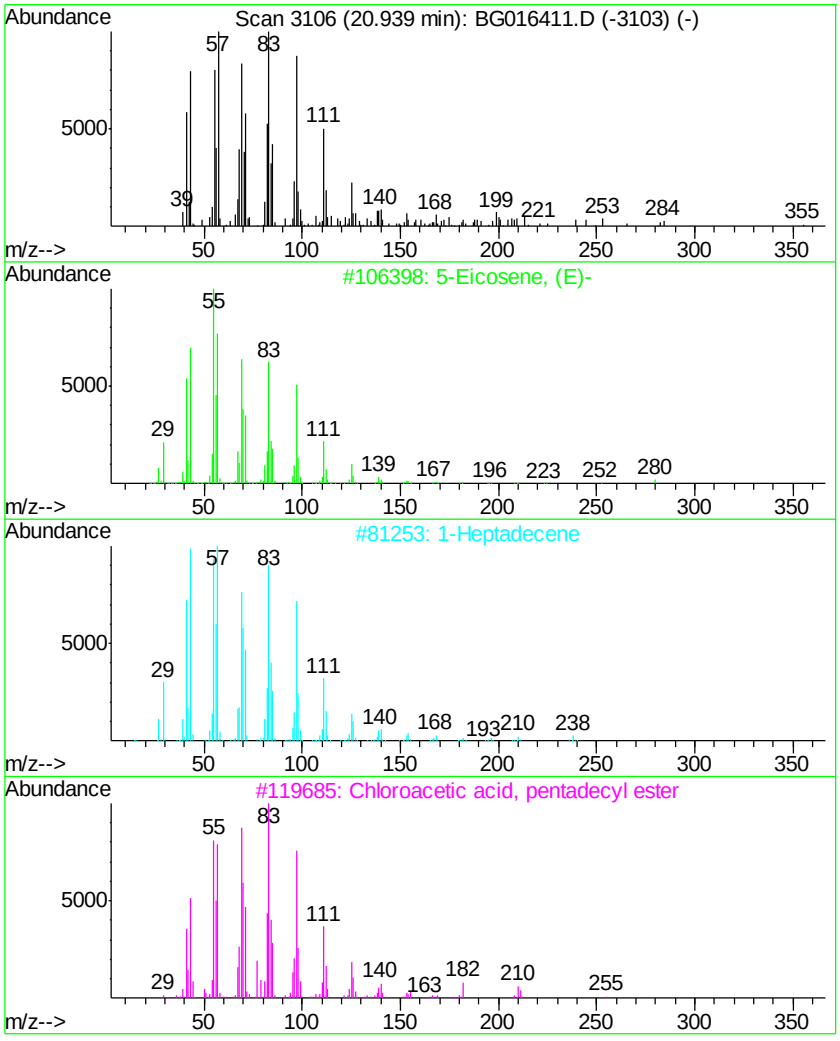
TIC Integration Parameters: LSCINT.P

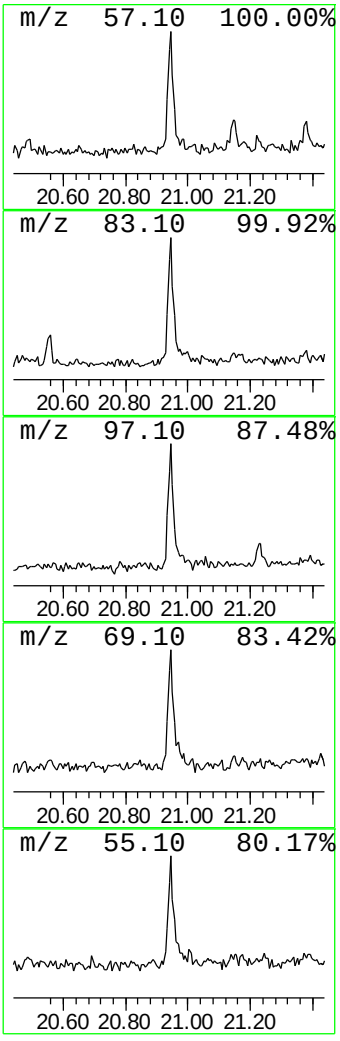
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.01 ng	96728	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2	1-Heptadecene	238	C17H34	006765-39-5	90
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	87
4	1-Hexadecanol	242	C16H34O	036653-82-4	83
5	Cycloeicosane	280	C20H40	000296-56-0	81





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.84	26.6	ng	426927	1	7.67	320438	20.0
unknown4.78	4.78	4.7	ng	74653	1	7.67	320438	20.0
unknown7.20	7.20	89.9	ng	1440850	1	7.67	320438	20.0
n-Hexadecanoic acid	17.95	4.4	ng	194253	4	17.05	886185	20.0
5-Eicosene, (E)-	20.94	2.0	ng	96728	5	21.23	961648	20.0