LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017125.D
Acq On : 14 May 2015 2:08
Operator : TP/IZ
Sample : G2195-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-TW-04

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-BG051315.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	2.794	13	18	28	rBV	239277	402476	10.20%	2.123%
2	2.876	28	32	41	rVB	667786	805441	20.42%	4.248%
3	4.815	356	362	369	rBV2	43619	74935	1.90%	0.395%
4	5.303	439	445	455	rBV	441262	635328	16.11%	3.351%
5	6.907	711	718	726	rBV	323226	498048	12.63%	2.627%
6	7.247	769	776	789	rVB	734296	1145615	29.05%	6.042%
7	7.706	847	854	861	rVB	216327	337251	8.55%	1.779%
8	8.029	902	909	917	rVB	757549	1170549	29.68%	6.174%
9	8.869	1045	1052	1063	rBV	744550	1191641	30.21%	6.285%
10	10.502	1324	1330	1337	rVB	303169	486565	12.34%	2.566%
11	12.712	1699	1706	1710	rBV3	44411	66933	1.70%	0.353%
12	12.982	1744	1752	1760	rBV	1780413	2558582	64.87%	13.495%
13	13.816	1889	1894	1899	rBV	31164	45534	1.15%	0.240%
14	14.363	1982	1987	1995	rVB2	474328	688111	17.45%	3.629%
15	15.855	2235	2241	2248	rBV	1207677	1699261	43.08%	8.963%
16	16.078	2275	2279	2285	rBV3	24043	39795	1.01%	0.210%
17	17.106	2449	2454	2461	rBV	626225	877891	22.26%	4.630%
18	18.011	2603	2608	2615	rBV2	123915	170106	4.31%	0.897%
19	19.292	2822	2826	2832	rBV4	38604	56332	1.43%	0.297%
20	19.745	2897	2903	2913	rBV	3238090	3944161	100.00%	20.803%
21	21.002	3114	3117	3126	rBV	153488	217171	5.51%	1.145%
22	21.290	3161	3166	3172	rBV	761504	915099	23.20%	4.827%
23	22.477	3365	3368	3373	rVB2	60746	78480	1.99%	0.414%
24	23.558	3545	3552	3559	rVB	468763	854137	21.66%	4.505%

Sum of corrected areas: 18959442

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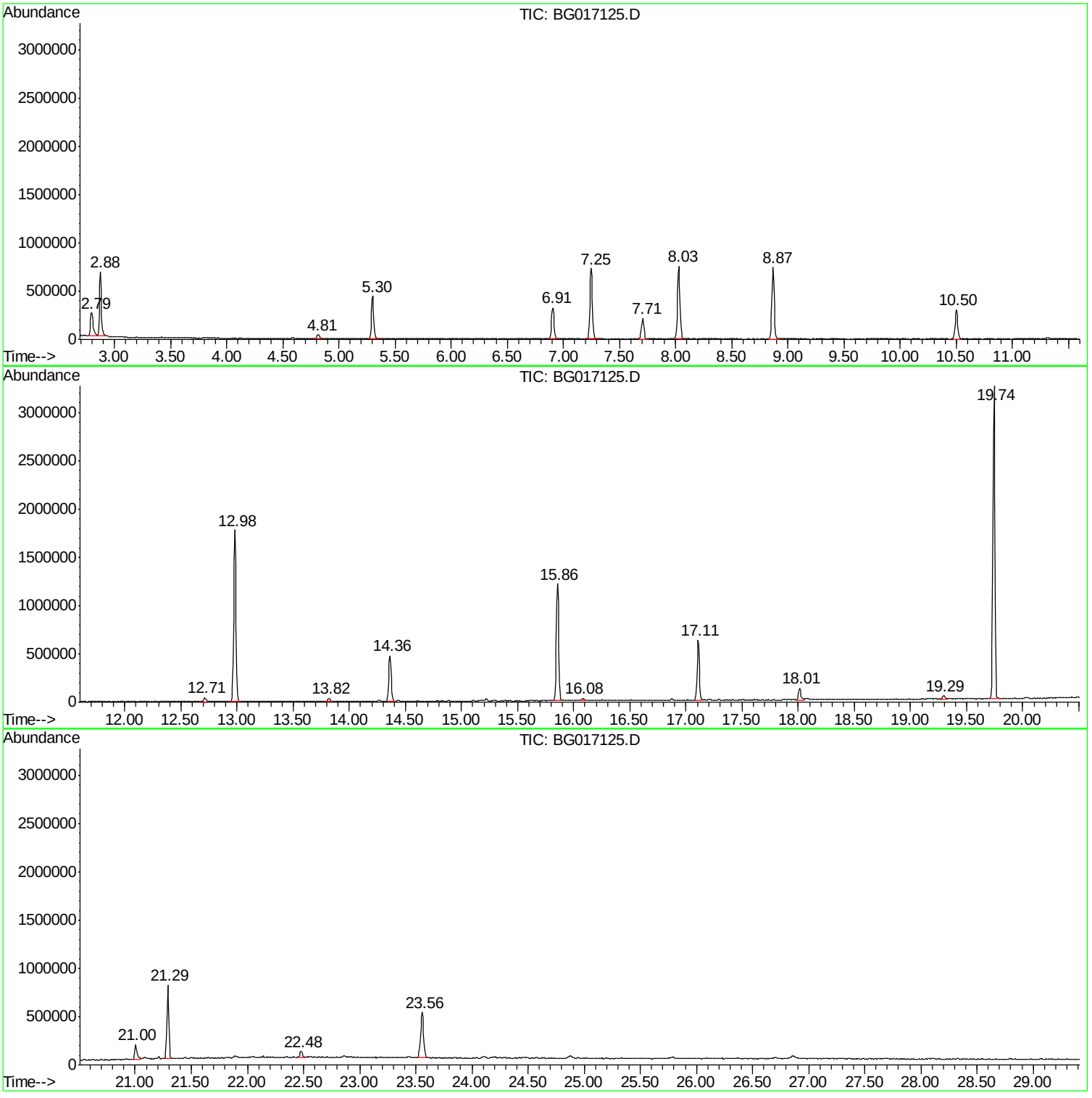
Instrument :
BNA_G
ClientSampleId :
TU012-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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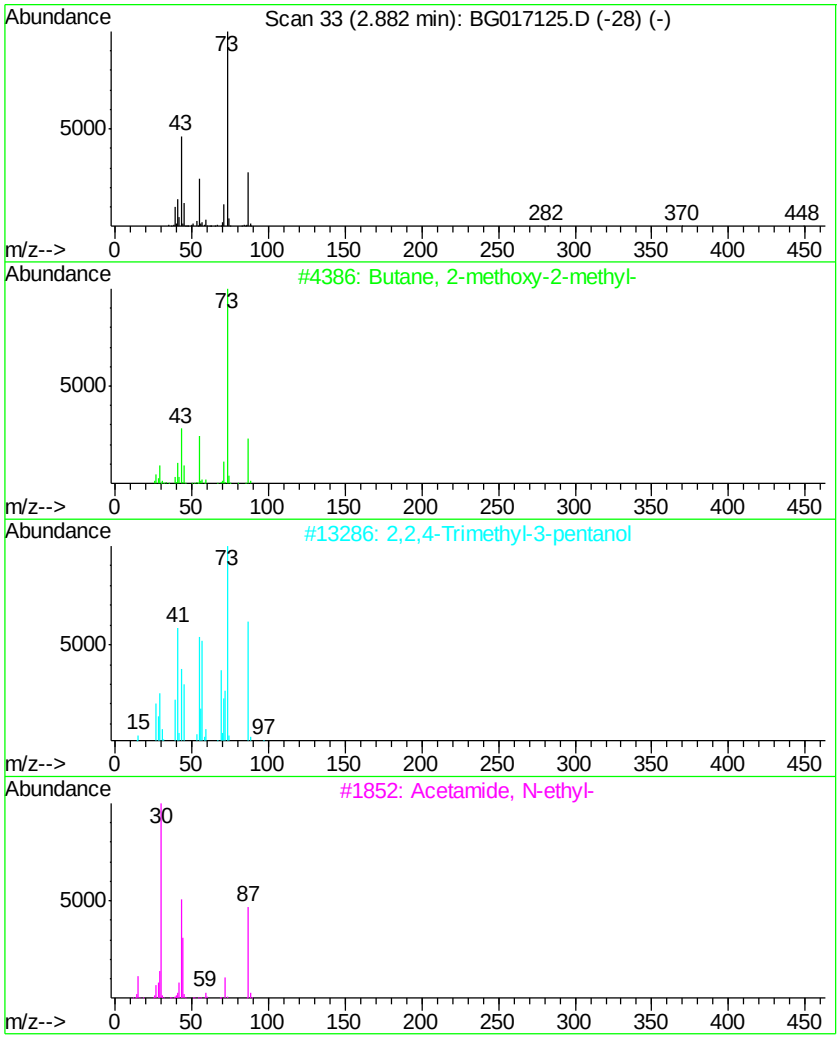
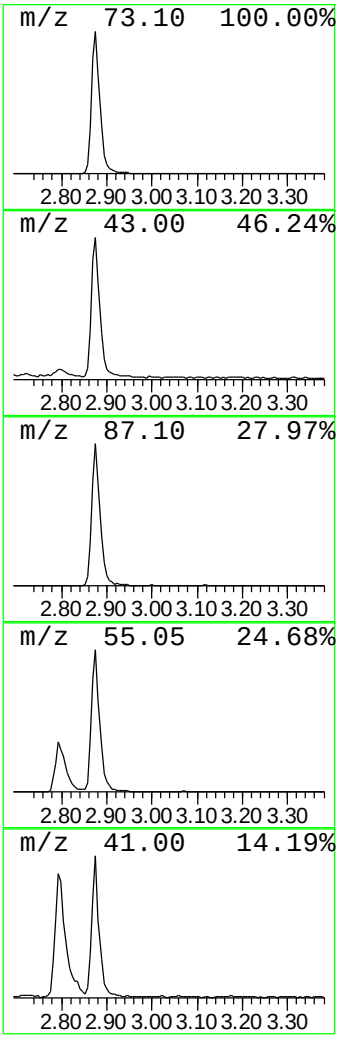
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	47.77 ng	805441	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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ClientSampleId : TU012-TW-04

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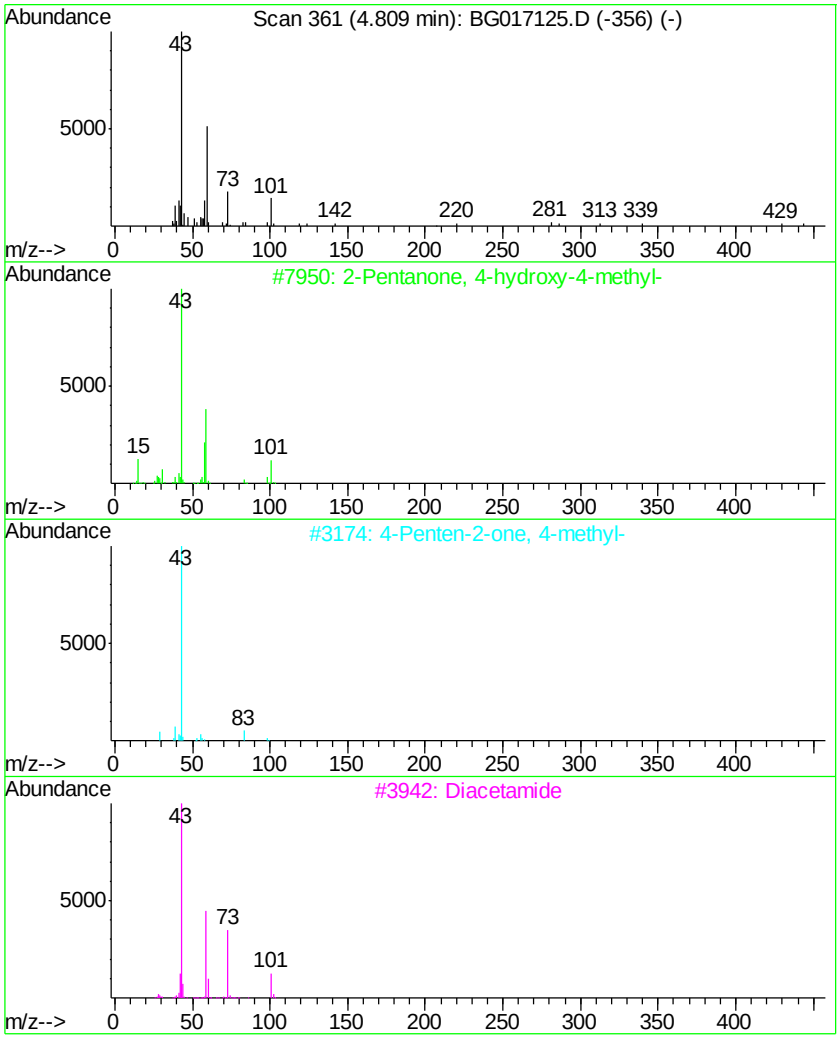
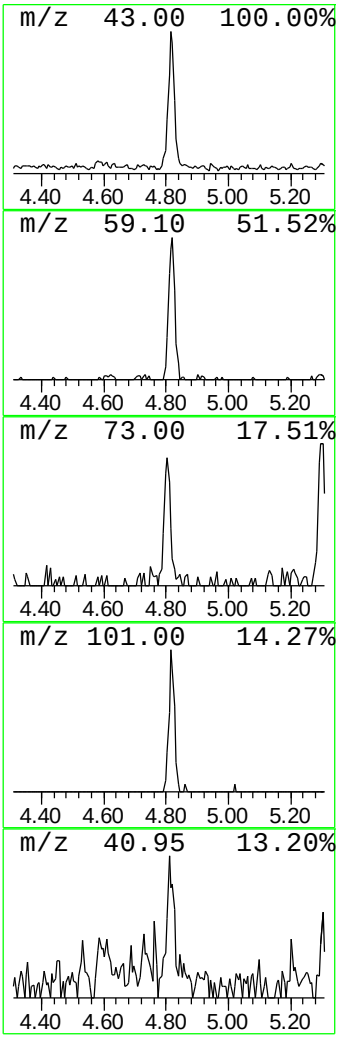
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	4.44 ng	74935	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	9





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Misc :
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ClientSampleId : TU012-TW-04

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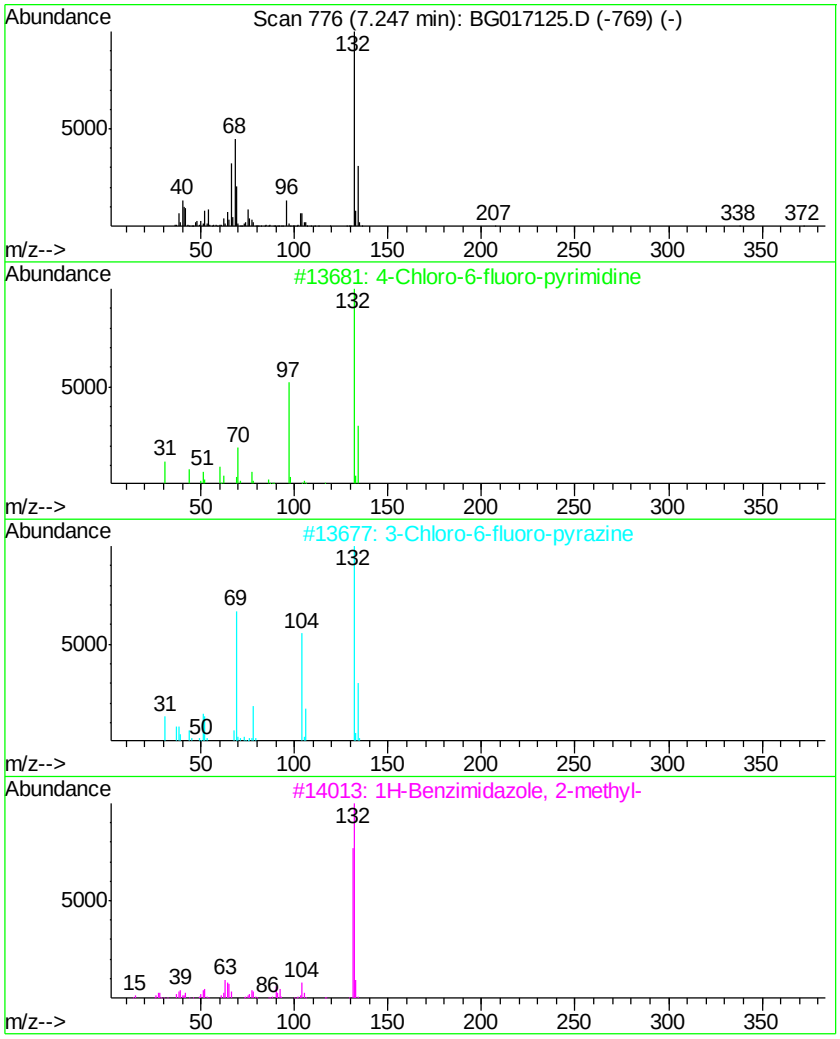
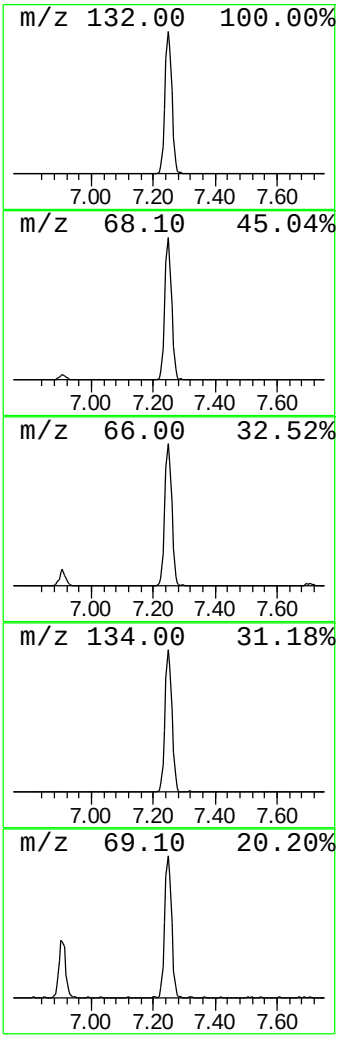
Peak Number 4 unknown7.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	67.94 ng	1145620	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-TW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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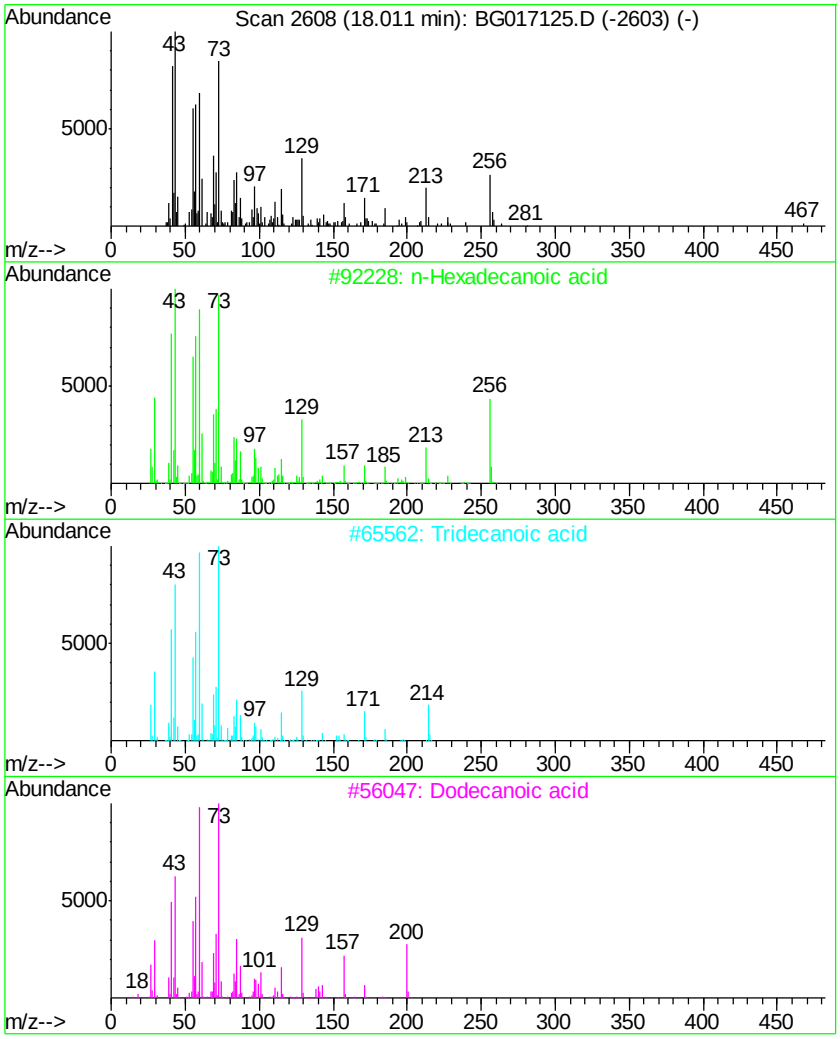
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

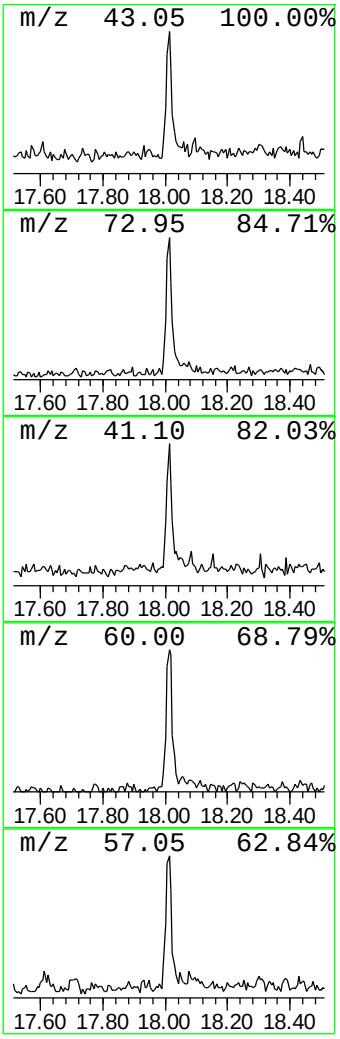
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.88 ng	170106	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Dodecanoic acid	200	C12H24O2	000143-07-7	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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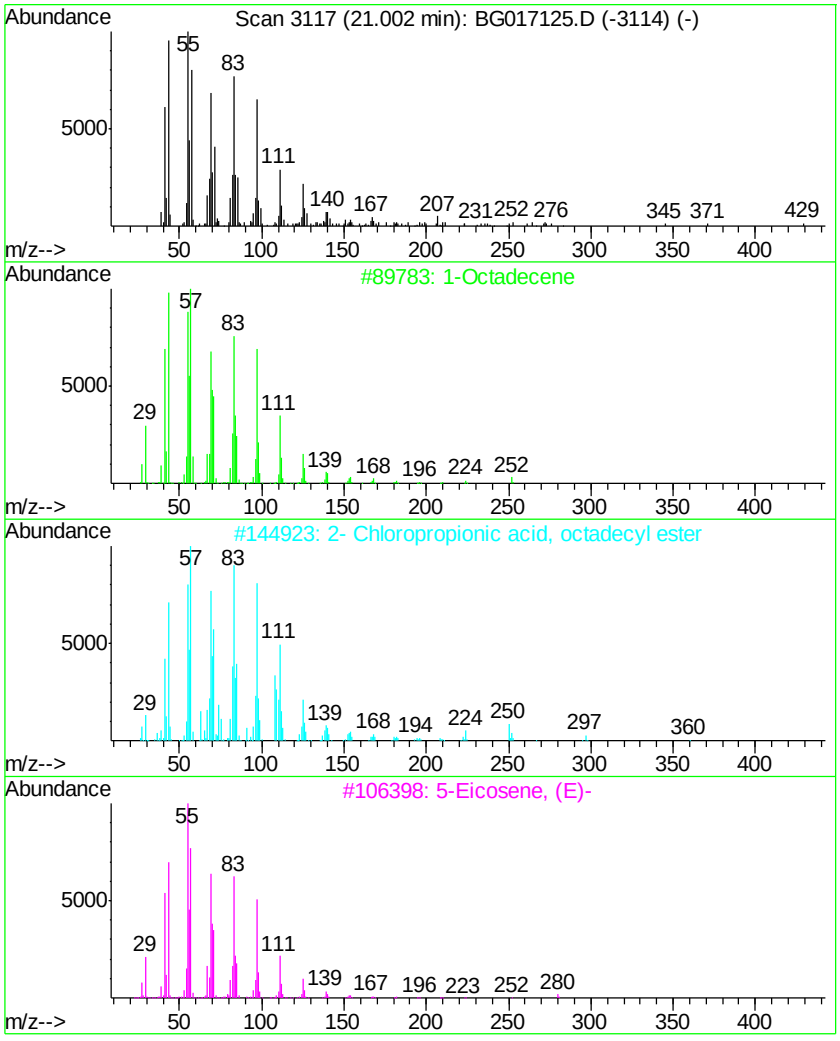
TIC Integration Parameters: LSCINT.P

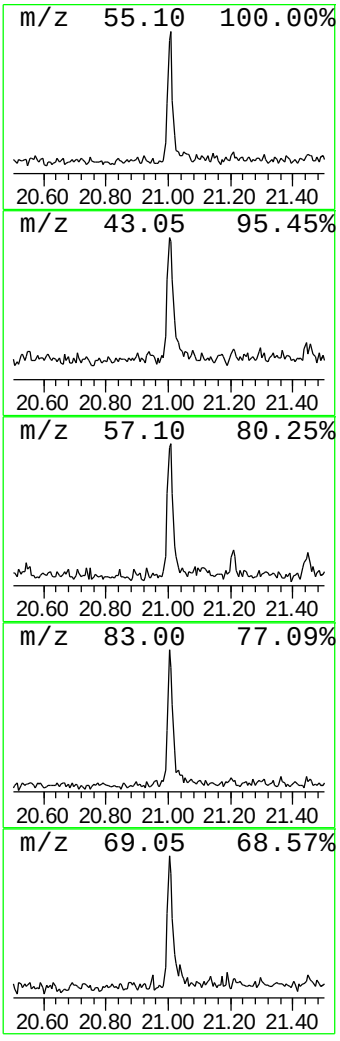
****

Peak Number 7 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.75 ng	217171	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	92
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Tricosene	322	C23H46	018835-32-0	90





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...	2.88	47.8	ng	805441	1	7.71	337251	20.0
2-Pentanone, 4-hy...	4.81	4.4	ng	74935	1	7.71	337251	20.0
unknown7.25	7.25	67.9	ng	1145620	1	7.71	337251	20.0
n-Hexadecanoic acid	18.01	3.9	ng	170106	4	17.11	877891	20.0
1-Octadecene	21.00	4.8	ng	217171	5	21.29	915099	20.0