LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018656.D
Acq On : 12 Sep 2015 1:47
Operator : UM/IZ
Sample : G3640-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MGP210BR42-46

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-BG091115.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	2.962	16	21	41	rVV	3433949	4802164	100.00%	16.072%
2	3.103	41	45	53	rVV2	42179	80697	1.68%	0.270%
3	3.180	53	58	75	rVB	664891	928276	19.33%	3.107%
4	5.107	379	386	396	rBV	453635	662221	13.79%	2.216%
5	5.577	459	466	475	rBV	1018778	1562576	32.54%	5.230%
6	7.169	729	737	752	rBV	1027024	1730687	36.04%	5.792%
7	7.539	791	800	808	rBV	1027052	1700290	35.41%	5.691%
8	8.003	872	879	888	rBV	203424	342333	7.13%	1.146%
9	8.326	927	934	942	rBV	707143	1204162	25.08%	4.030%
10	9.161	1066	1076	1086	rBV	593240	1040485	21.67%	3.482%
11	10.806	1349	1356	1363	rBV	269606	492722	10.26%	1.649%
12	13.256	1765	1773	1779	rBV	1666729	2559181	53.29%	8.565%
13	14.079	1907	1913	1922	rBV	298061	434436	9.05%	1.454%
14	14.631	2000	2007	2016	rBV2	482230	756158	15.75%	2.531%
15	16.117	2252	2260	2269	rBV	1605890	2391729	49.81%	8.005%
16	17.375	2467	2474	2480	rBV	697961	1067465	22.23%	3.573%
17	18.262	2619	2625	2635	rBV	253232	407258	8.48%	1.363%
18	19.525	2836	2840	2845	rBV4	70715	95863	2.00%	0.321%
19	19.983	2912	2918	2927	rVB	3531368	4625110	96.31%	15.479%
20	21.276	3134	3138	3144	rBV3	79617	141809	2.95%	0.475%
21	21.629	3192	3198	3205	rBV	834984	1312987	27.34%	4.394%
22	23.092	3441	3447	3455	rBV6	41780	109291	2.28%	0.366%
23	23.297	3477	3482	3489	rVB2	56171	108945	2.27%	0.365%
24	24.819	3730	3741	3753	rBV	462558	1322290	27.54%	4.425%

Sum of corrected areas: 29879135

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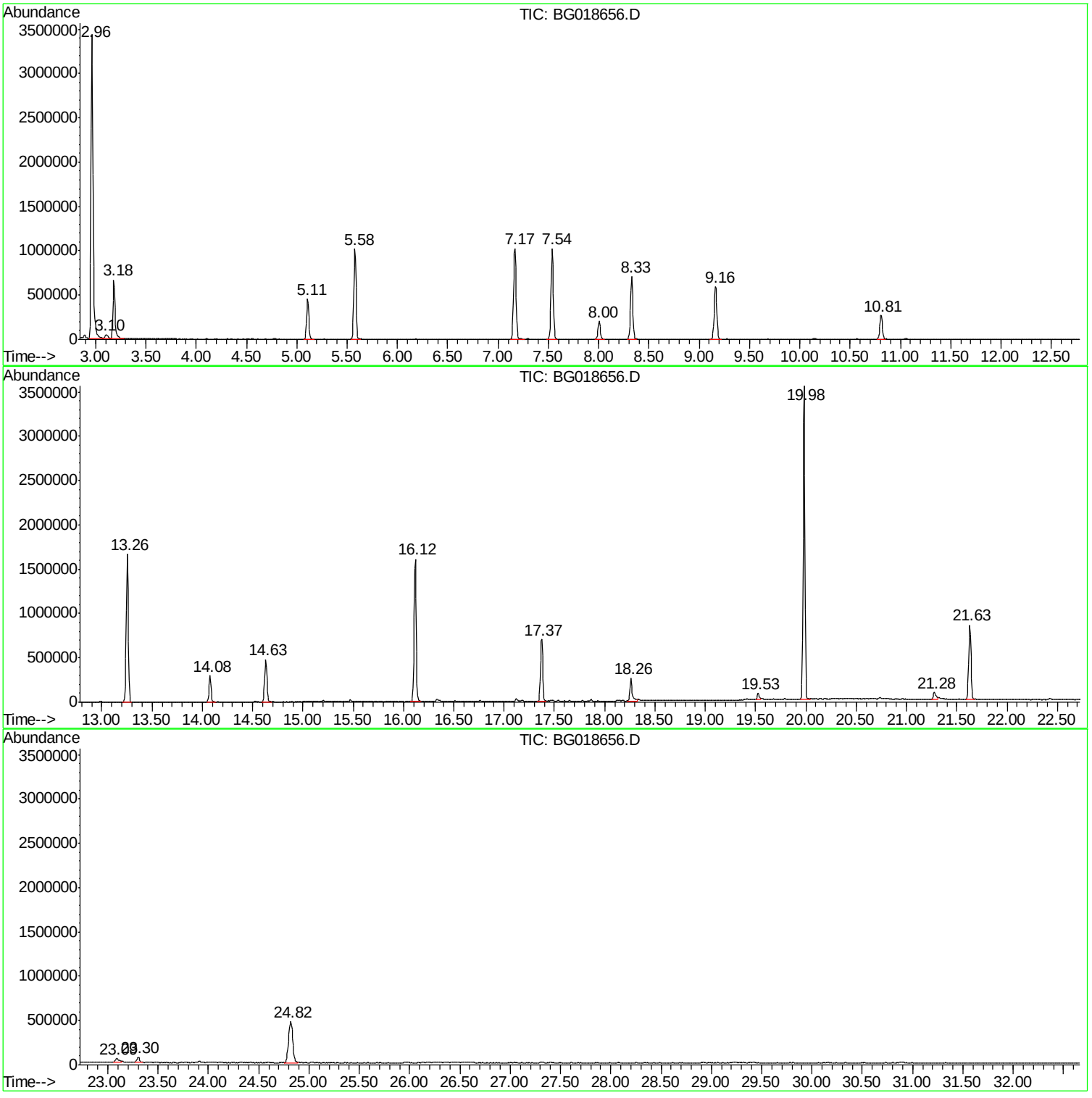
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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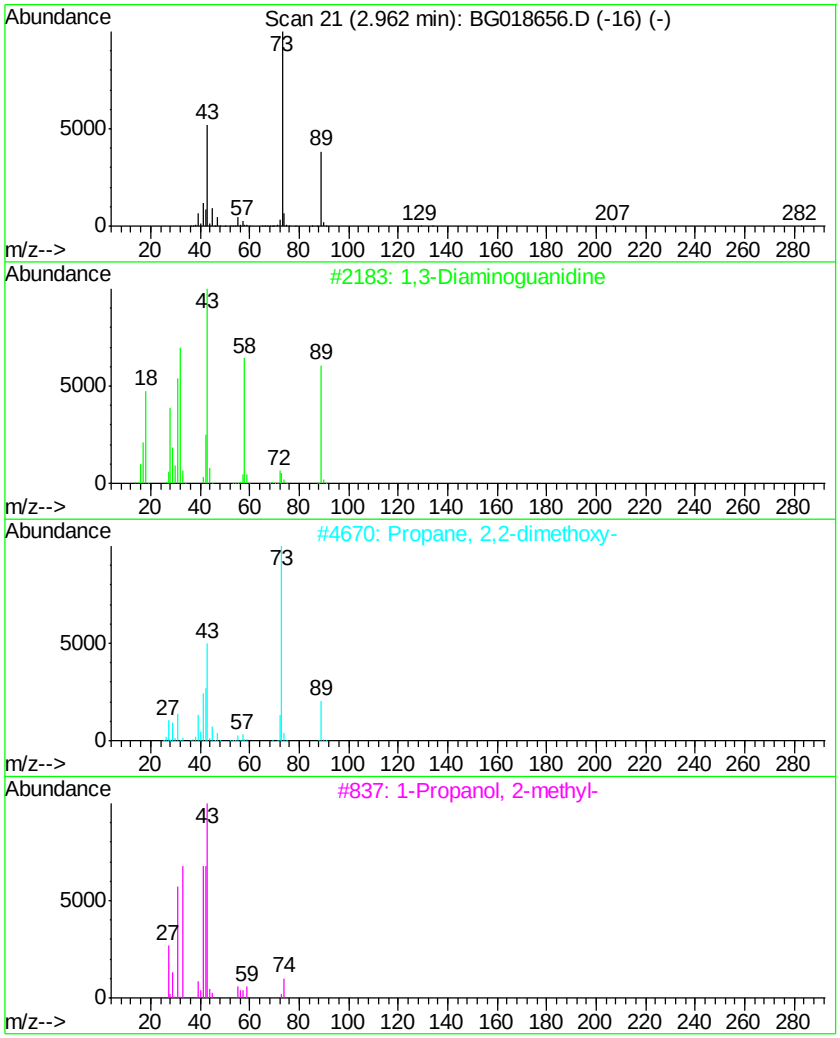
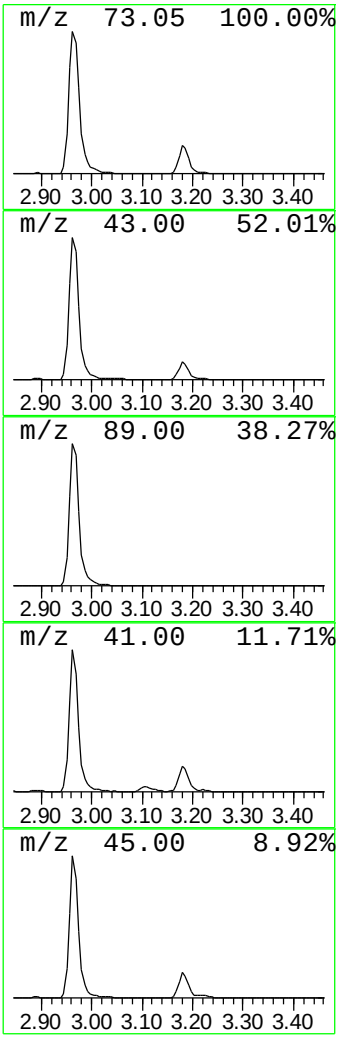
Peak Number 1 unknown2.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	280.56 ng	4802160	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	25
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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ClientSampleId : MGP210BR42-46

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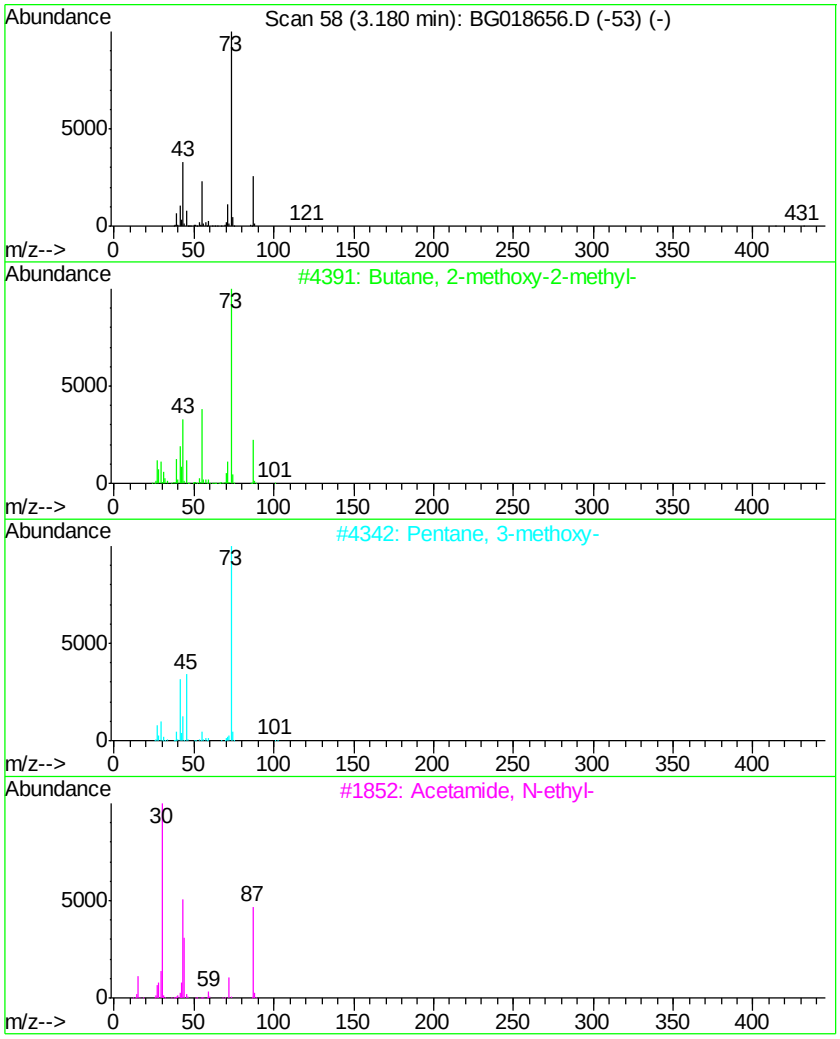
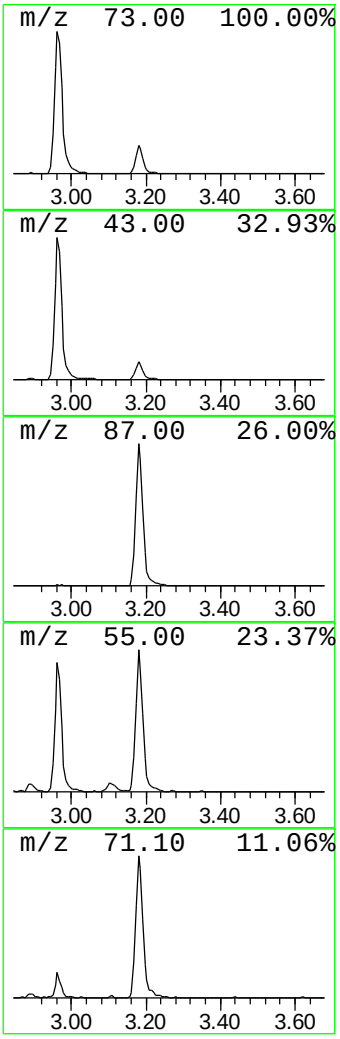
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	54.23 ng	928276	1,4-Dichlorobenzene-d4	8.00

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	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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ClientSampleId : MGP210BR42-46

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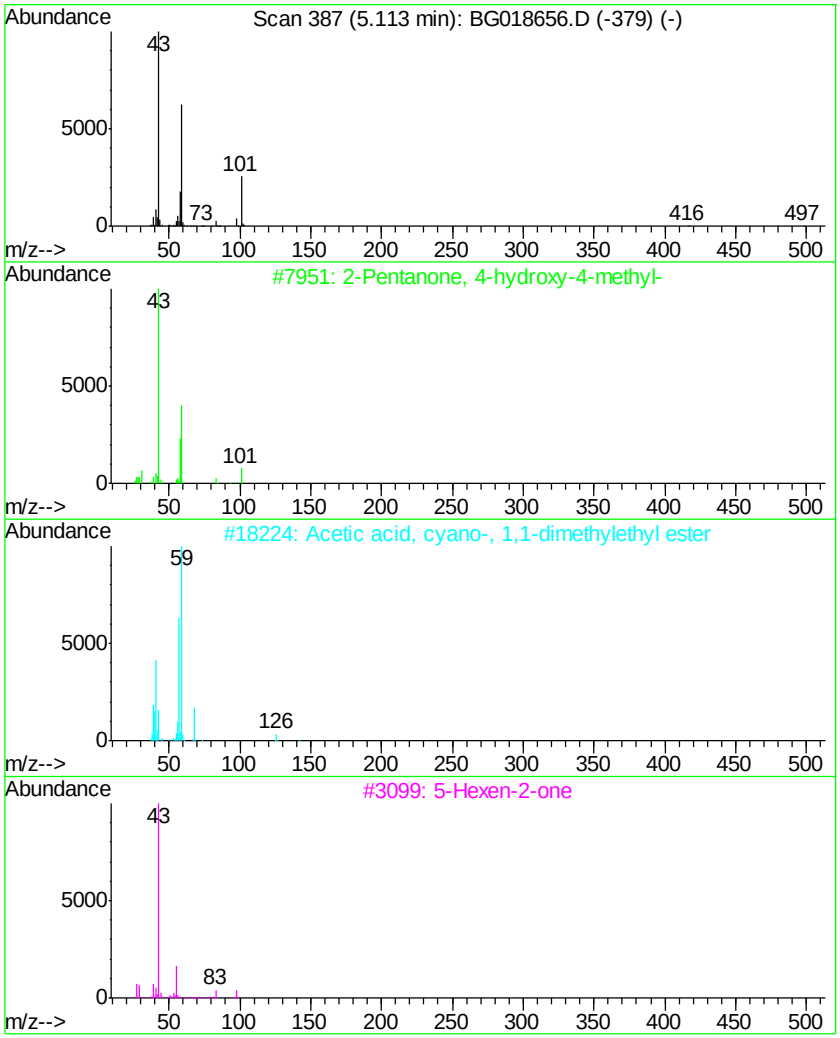
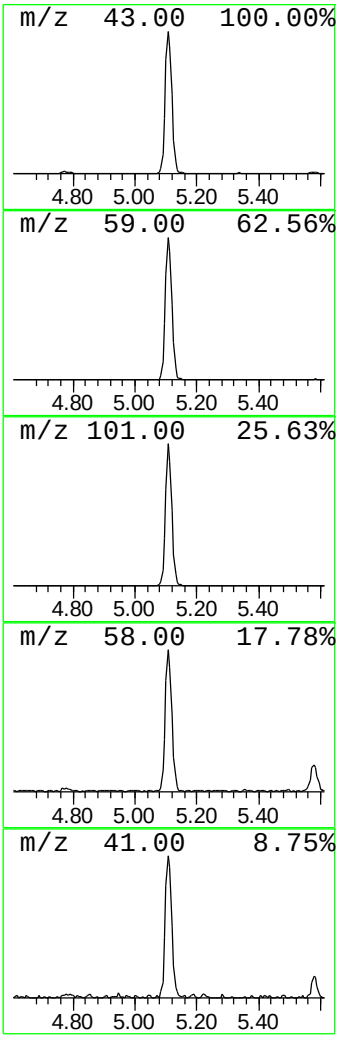
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	38.69 ng	662221	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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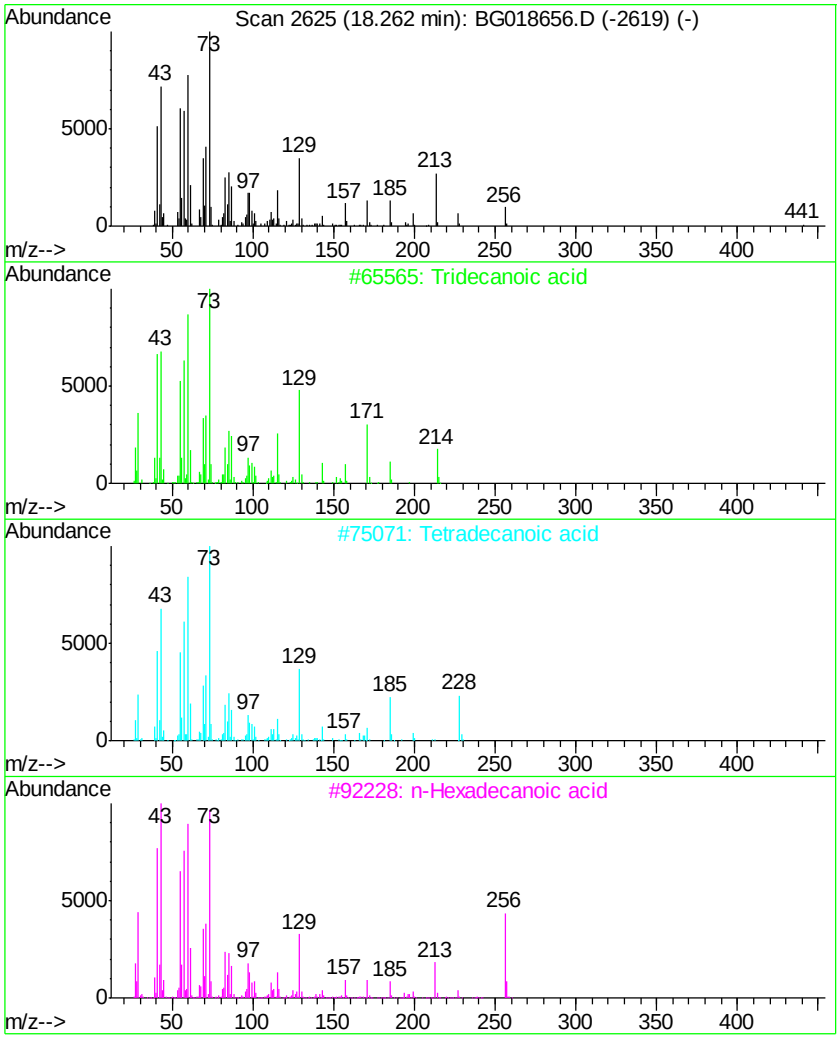
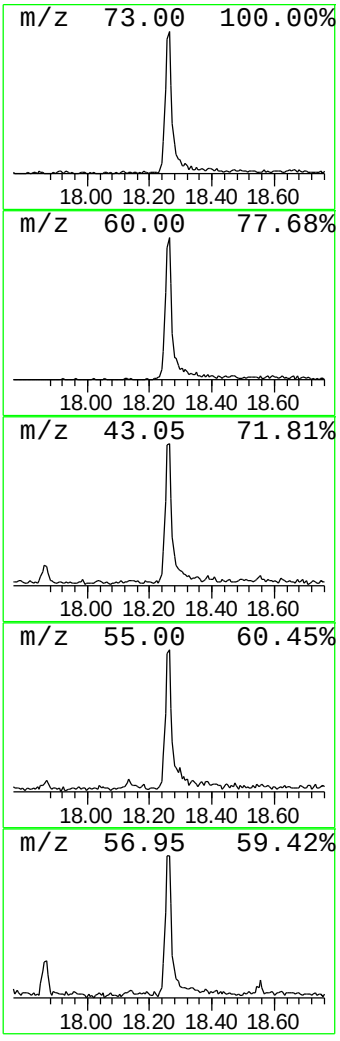
Peak Number 7 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	7.63 ng	407258	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





Library Search Compound Report

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ClientSampleId : MGP210BR42-46

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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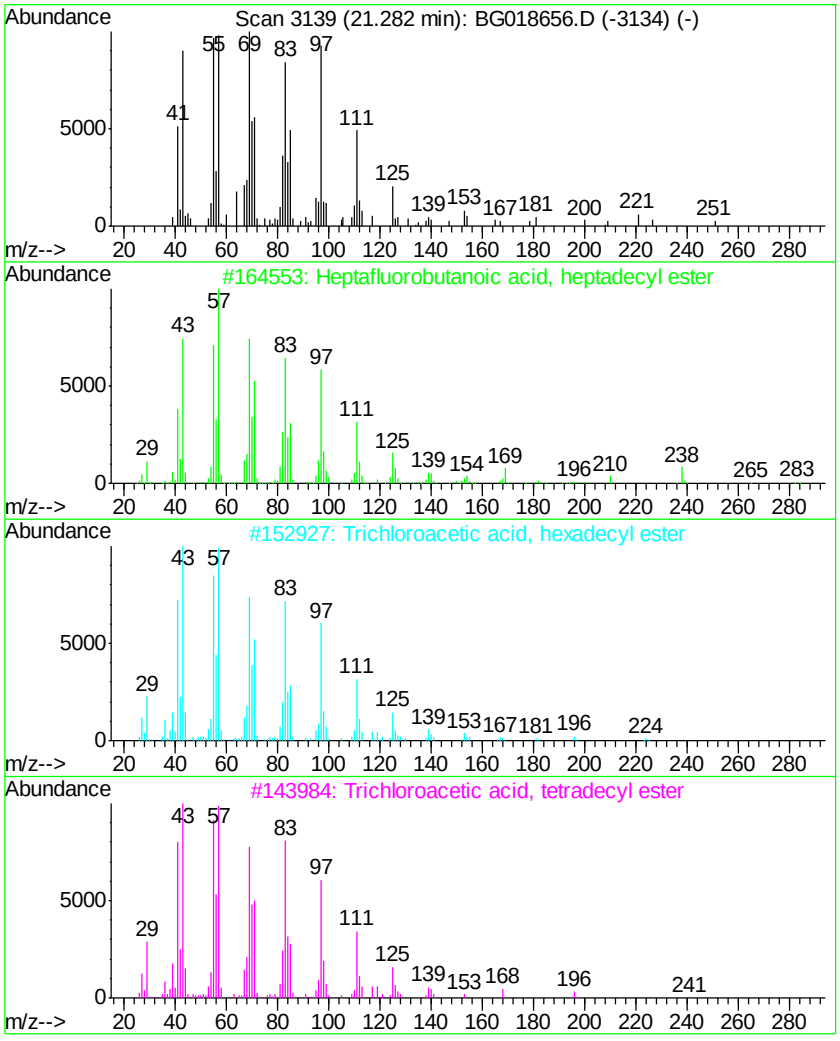
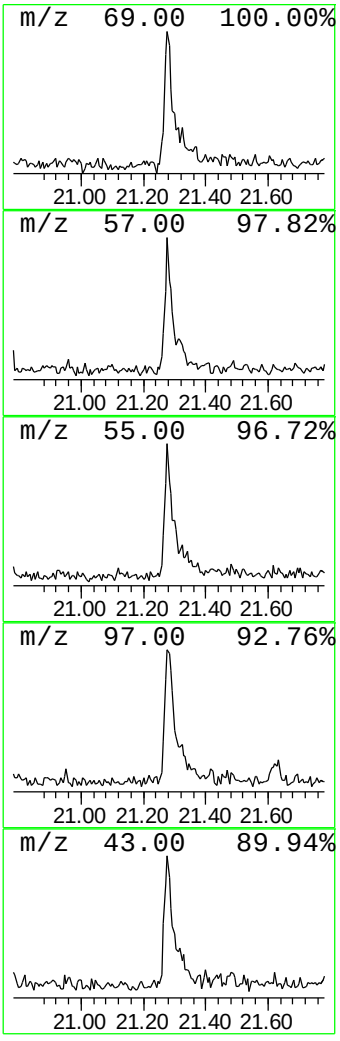
Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.16 ng	141809	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	1-Tetracosanol	354	C24H50O	000506-51-4	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	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
unknown2.96	2.96	280.6	ng	4802160	1	8.00	342333	20.0
Butane, 2-methoxy...	3.18	54.2	ng	928276	1	8.00	342333	20.0
2-Pentanone, 4-hy...	5.11	38.7	ng	662221	1	8.00	342333	20.0
Tridecanoic acid	18.26	7.6	ng	407258	4	17.37	1067470	20.0
Heptafluorobutano...	21.28	2.2	ng	141809	5	21.63	1312990	20.0