LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016739.D
Acq On : 27 Apr 2015 16:38
Operator : TP/IZ
Sample : G1942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1

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-BG042315.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	2.730	3	7	12	rVV	89240	106653	4.69%	0.608%
2	2.777	12	15	22	rVB	18049	23789	1.05%	0.136%
3	4.687	334	340	347	rBV	161803	233849	10.28%	1.334%
4	5.174	417	423	436	rBV	833153	1183726	52.04%	6.750%
5	6.784	689	697	710	rBV	852443	1302691	57.27%	7.429%
6	7.119	747	754	764	rBV	890023	1387788	61.01%	7.914%
7	7.577	826	832	840	rVB	273540	428185	18.82%	2.442%
8	7.901	880	887	894	rBV	684207	1058174	46.52%	6.034%
9	8.741	1023	1030	1045	rBV	490600	798089	35.08%	4.551%
10	10.368	1299	1307	1320	rBV	415555	667047	29.32%	3.804%
11	12.854	1723	1730	1741	rBV	1265428	1822188	80.10%	10.391%
12	13.700	1869	1874	1882	rBV	38940	58489	2.57%	0.334%
13	14.234	1958	1965	1973	rBV2	579476	903380	39.71%	5.152%
14	15.733	2214	2220	2234	rBV	810715	1135751	49.93%	6.477%
15	15.956	2252	2258	2267	rBV	15829	28914	1.27%	0.165%
16	16.984	2427	2433	2437	rBV2	720750	989835	43.51%	5.645%
17	17.025	2437	2440	2445	rVB	32916	44916	1.97%	0.256%
18	17.889	2583	2587	2595	rBV2	74477	111915	4.92%	0.638%
19	19.046	2778	2784	2789	rBV	91122	135754	5.97%	0.774%
20	19.176	2802	2806	2813	rBV5	25019	43550	1.91%	0.248%
21	19.317	2826	2830	2834	rVB	46186	53927	2.37%	0.308%
22	19.405	2837	2845	2849	rBV	71264	125982	5.54%	0.718%
23	19.616	2875	2881	2892	rBV	1937483	2274844	100.00%	12.972%
24	20.362	3005	3008	3014	rVB2	33444	39270	1.73%	0.224%
25	20.879	3093	3096	3105	rBV2	147900	216689	9.53%	1.236%
26	21.085	3128	3131	3135	rVB	106615	109963	4.83%	0.627%
27	21.167	3140	3145	3150	rBV	827245	1092376	48.02%	6.229%
28	21.320	3168	3171	3176	rBV2	34047	44676	1.96%	0.255%
29	23.371	3514	3520	3533	rVB2	538685	1113538	48.95%	6.350%

Sum of corrected areas: 17535948

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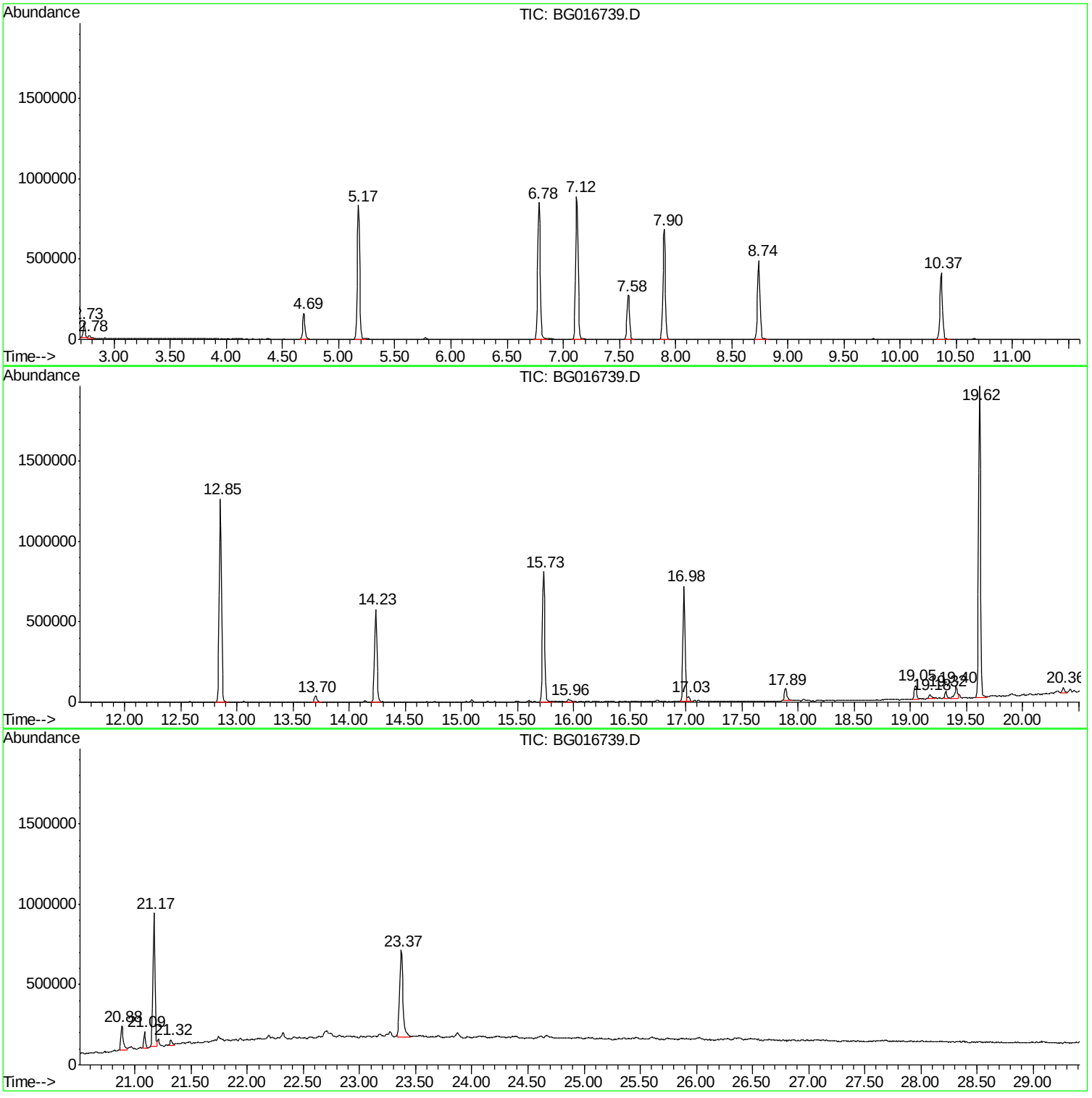
Instrument : BNA_G
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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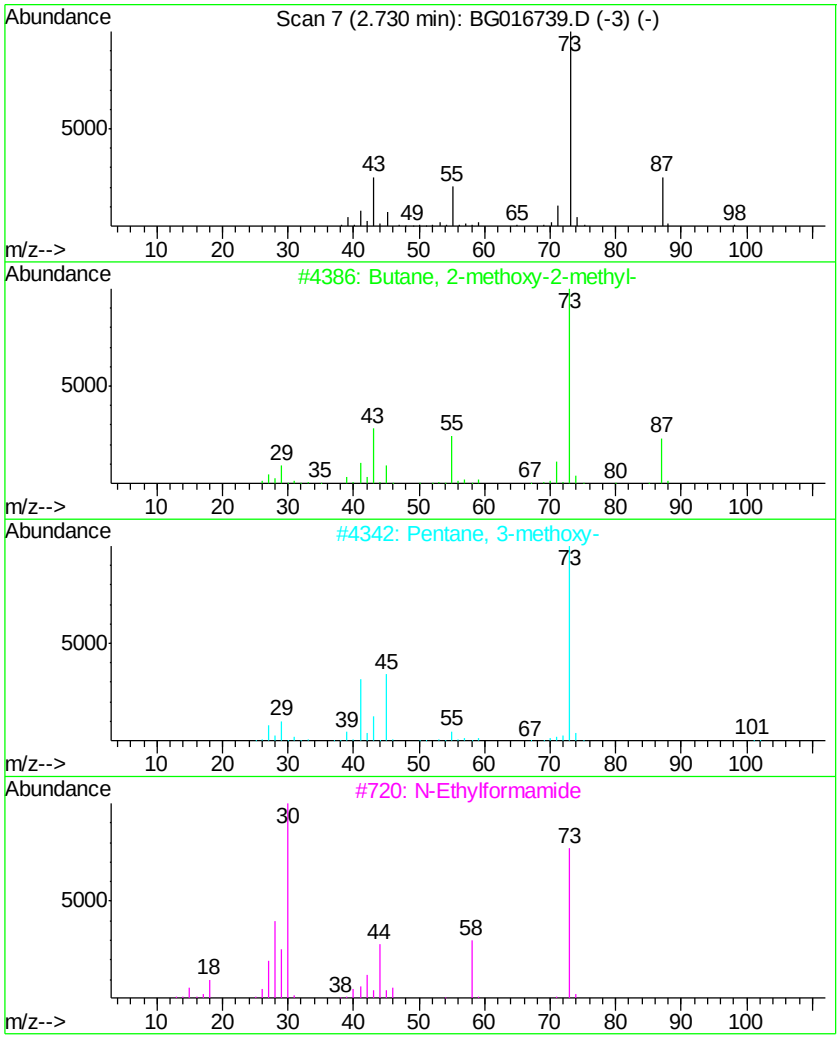
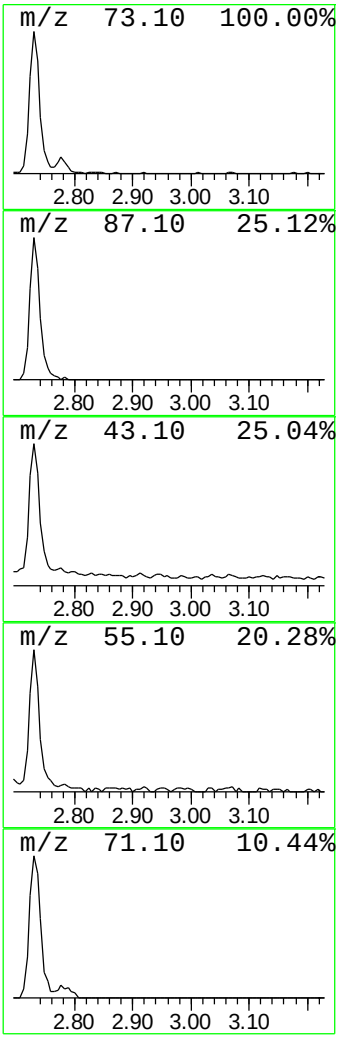
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	4.98 ng	106653	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Data File : BG016739.D
Acq On : 27 Apr 2015 16:38
Operator : TP/IZ
Sample : G1942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

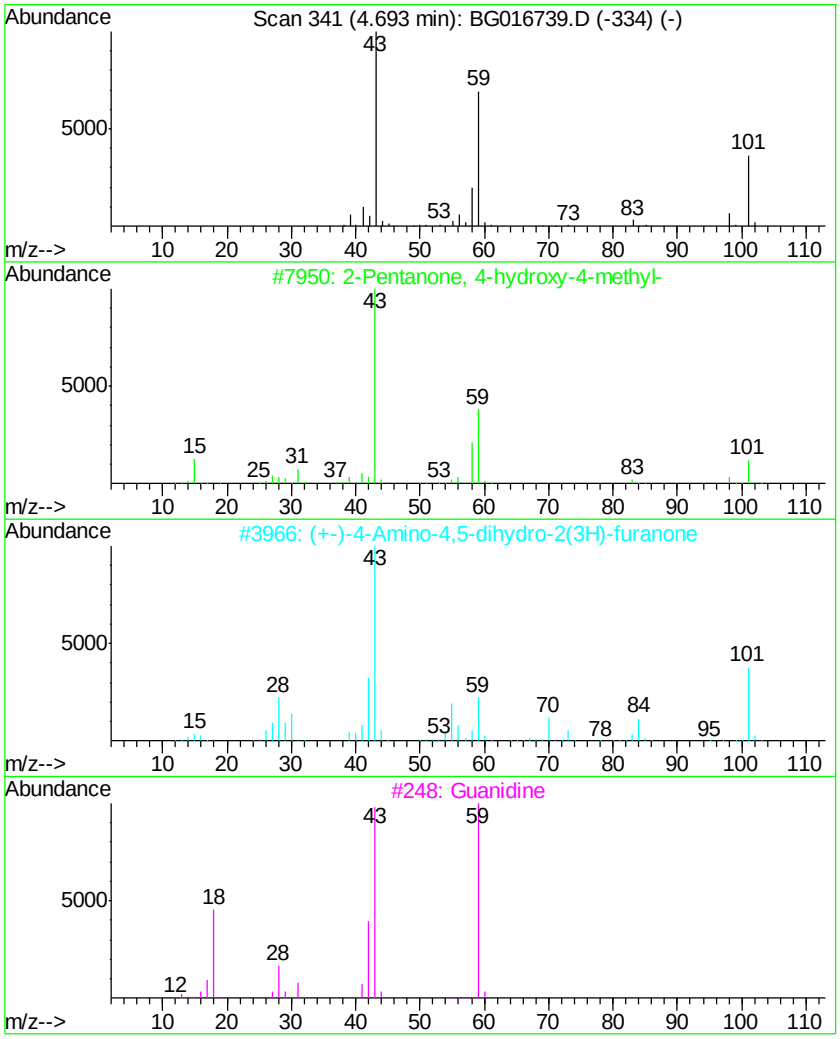
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

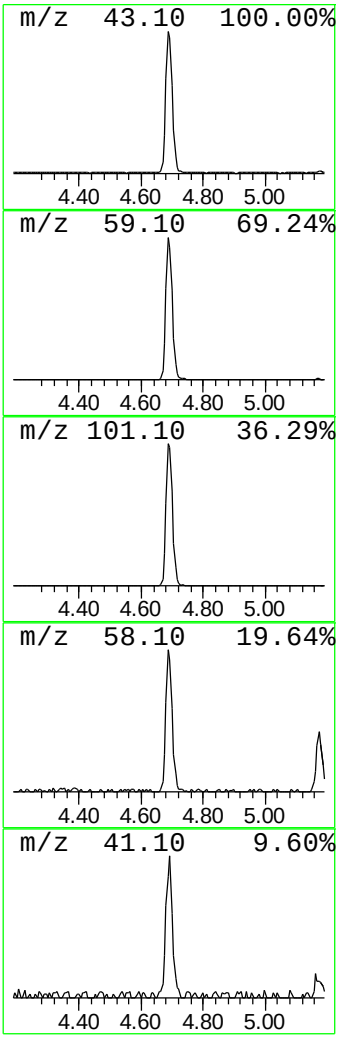
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	10.92 ng	233849	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3	Guanidine	59	CH5N3	000113-00-8	38
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Sample : G1942-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1

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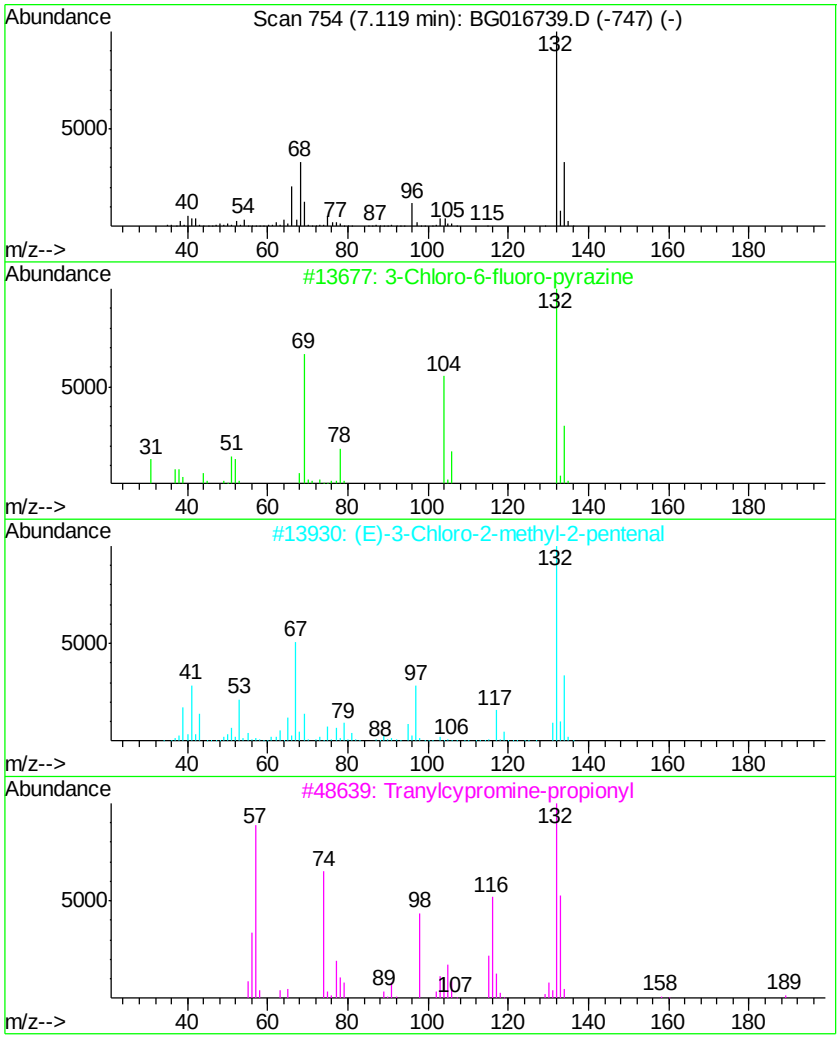
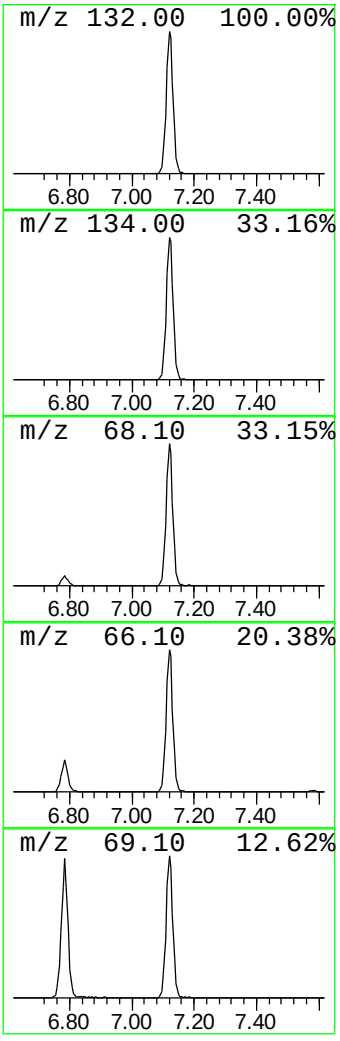
Peak Number 3 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	64.82 ng	1387790	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Sample : G1942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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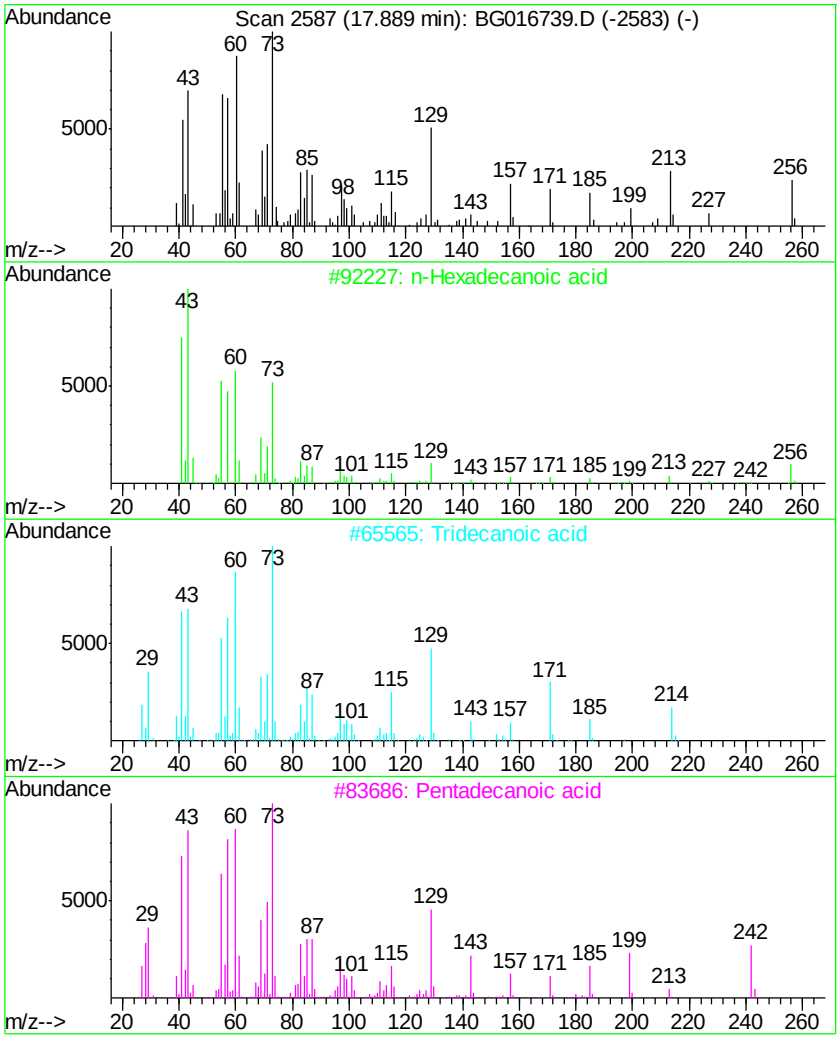
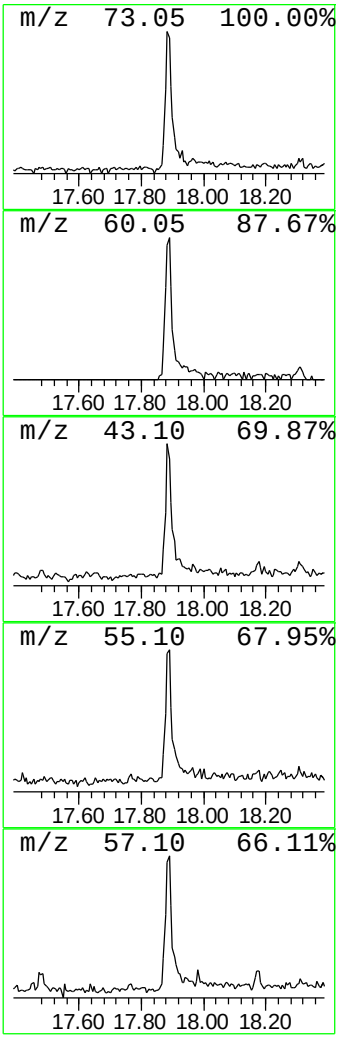
Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.26 ng	111915	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Sample : G1942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1

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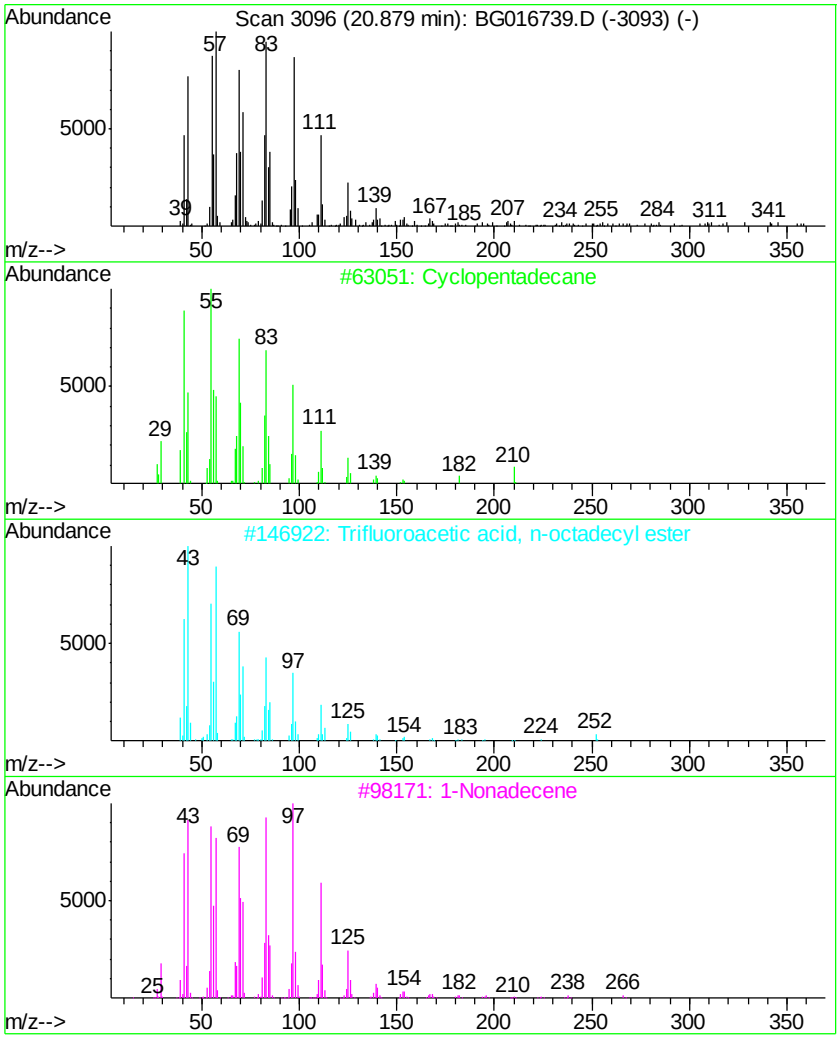
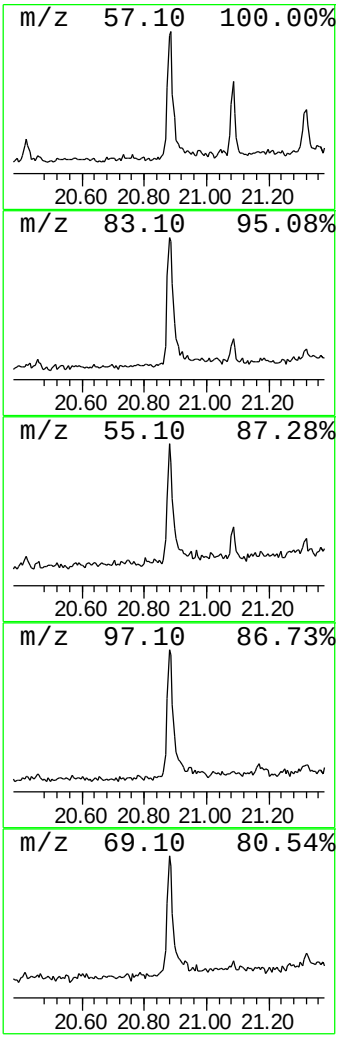
****

Peak Number 8 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.97 ng	216689	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	1-Tricosanol	340	C23H48O	003133-01-5	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...	2.73	5.0	ng	106653	1	7.58	428185	20.0
2-Pentanone, 4-hy...	4.69	10.9	ng	233849	1	7.58	428185	20.0
unknown7.12	7.12	64.8	ng	1387790	1	7.58	428185	20.0
n-Hexadecanoic acid	17.89	2.3	ng	111915	4	16.98	989835	20.0
Cyclopentadecane	20.88	4.0	ng	216689	5	21.17	1092380	20.0