LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024656.D
Acq On : 3 Nov 2016 21:06
Operator : UM/SJ
Sample : H5491-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-78-14.0-15.0

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-BG102516.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	3.126	44	49	69	rVB	8453956	14923922	100.00%	21.771%
2	5.329	416	424	434	rBV	540655	894048	5.99%	1.304%
3	5.799	495	504	519	rBV	2437704	4157706	27.86%	6.065%
4	7.403	766	777	789	rBV	2602872	4633981	31.05%	6.760%
5	7.791	835	843	851	rBV	2342790	4263716	28.57%	6.220%
6	8.267	917	924	934	rBV	391367	710954	4.76%	1.037%
7	8.596	971	980	988	rBV	1700241	3113733	20.86%	4.542%
8	9.442	1115	1124	1136	rBV	1524027	2843332	19.05%	4.148%
9	11.093	1397	1405	1413	rBV	491354	929042	6.23%	1.355%
10	13.508	1807	1816	1823	rBV	3516686	5650890	37.86%	8.243%
11	14.319	1947	1954	1961	rBV	824700	1237892	8.29%	1.806%
12	14.883	2043	2050	2058	rBV	822927	1309161	8.77%	1.910%
13	16.363	2295	2302	2321	rBV	3689596	5908351	39.59%	8.619%
14	16.540	2327	2332	2341	rVB	86672	162435	1.09%	0.237%
15	17.627	2510	2517	2523	rBV	1113381	1806031	12.10%	2.635%
16	18.467	2656	2660	2670	rBV4	138970	234074	1.57%	0.341%
17	20.206	2949	2956	2962	rBV	7369419	9917686	66.45%	14.468%
18	20.970	3081	3086	3103	rVB3	136434	628301	4.21%	0.917%
19	21.499	3171	3176	3183	rBV4	124176	239097	1.60%	0.349%
20	21.916	3240	3247	3258	rBV	1412675	2524585	16.92%	3.683%
21	25.347	3818	3831	3844	rBV2	800761	2461425	16.49%	3.591%

Sum of corrected areas: 68550362

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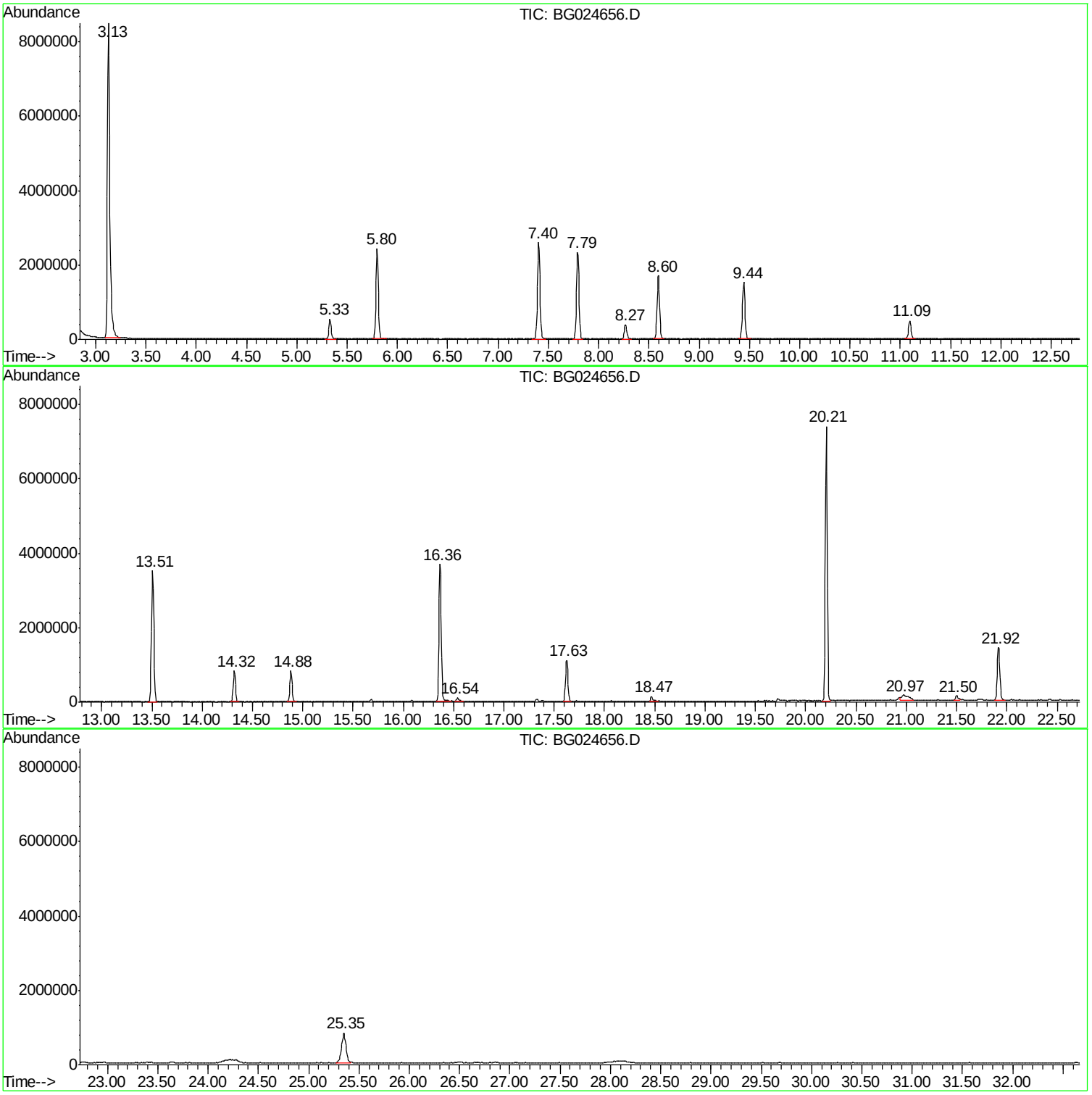
BNA_G
ClientSampleId :
SB-78-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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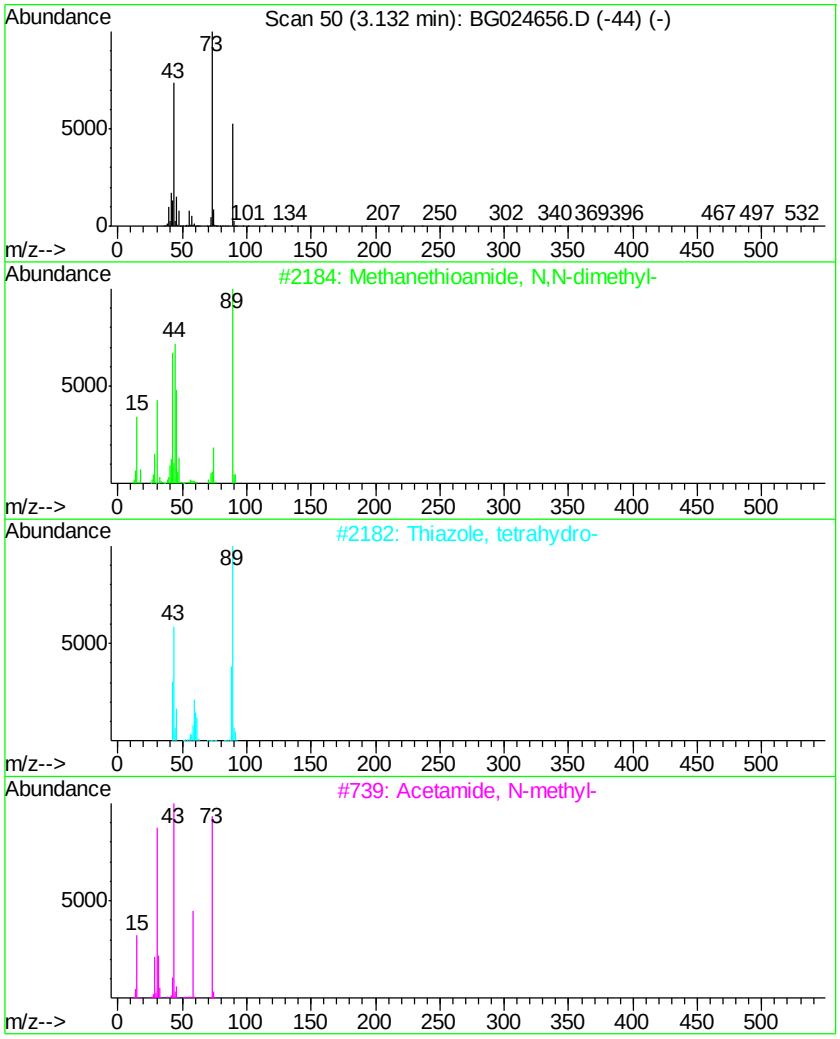
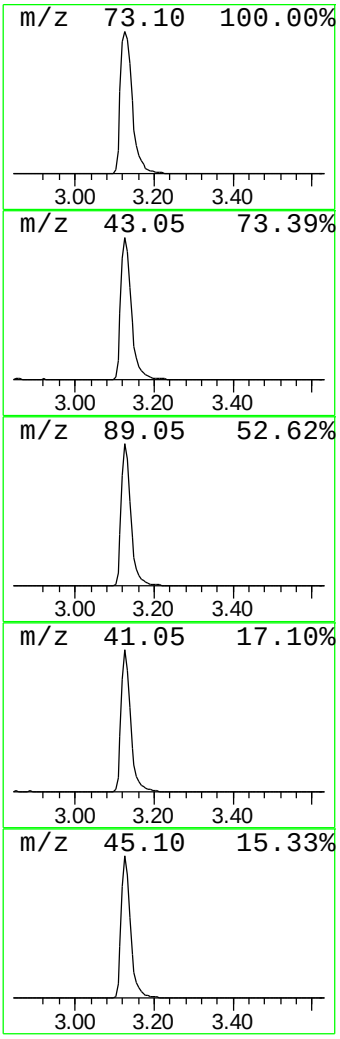
Peak Number 1 unknown3.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	419.83 ng	14923900	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	32
2	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	32
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
4	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	23
5	1-Hepten-4-ol	114	C7H14O	003521-91-3	23





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SB-78-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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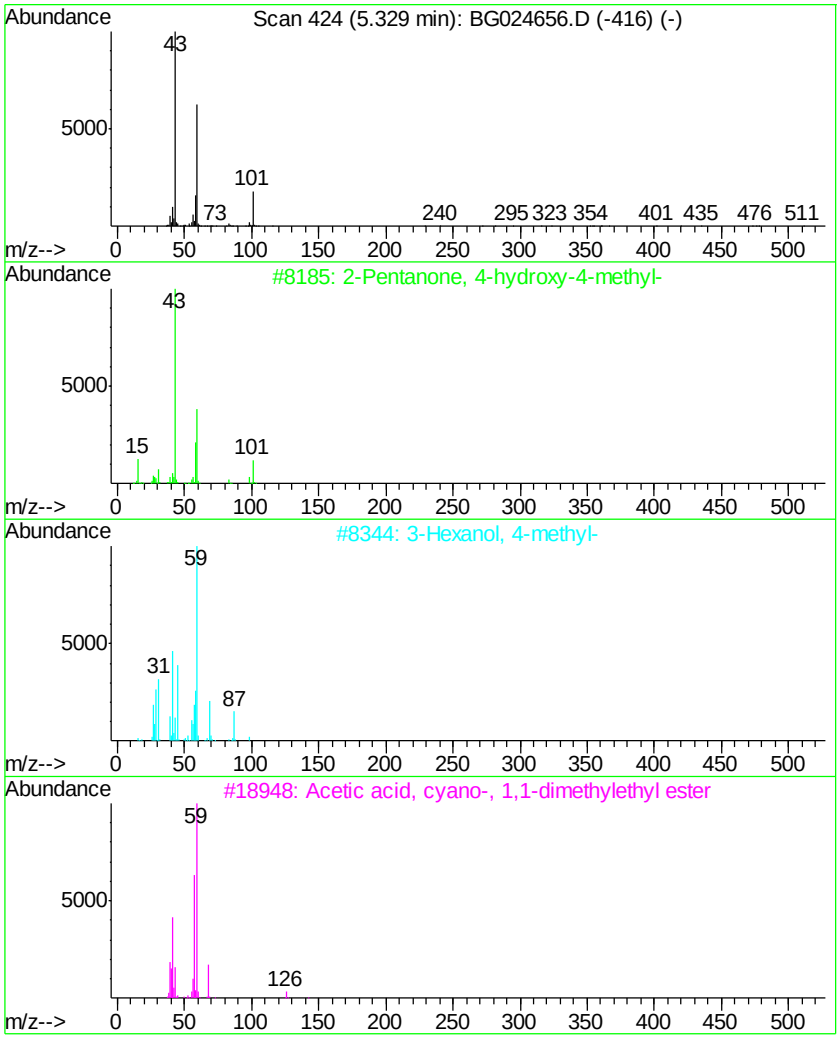
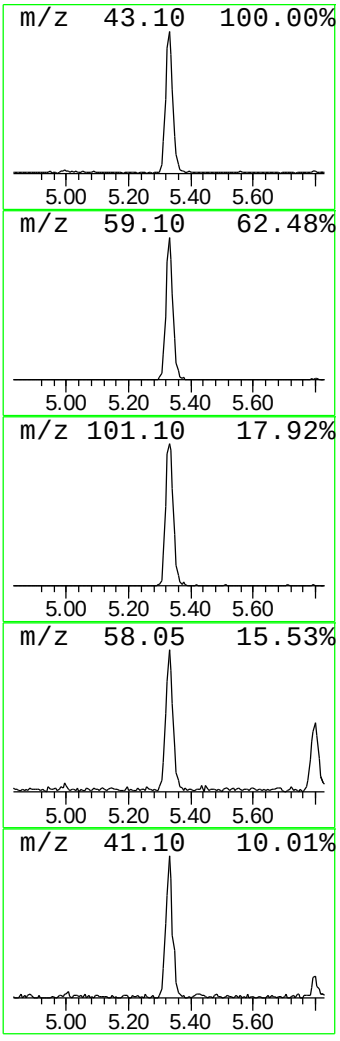
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	25.15 ng	894048	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-78-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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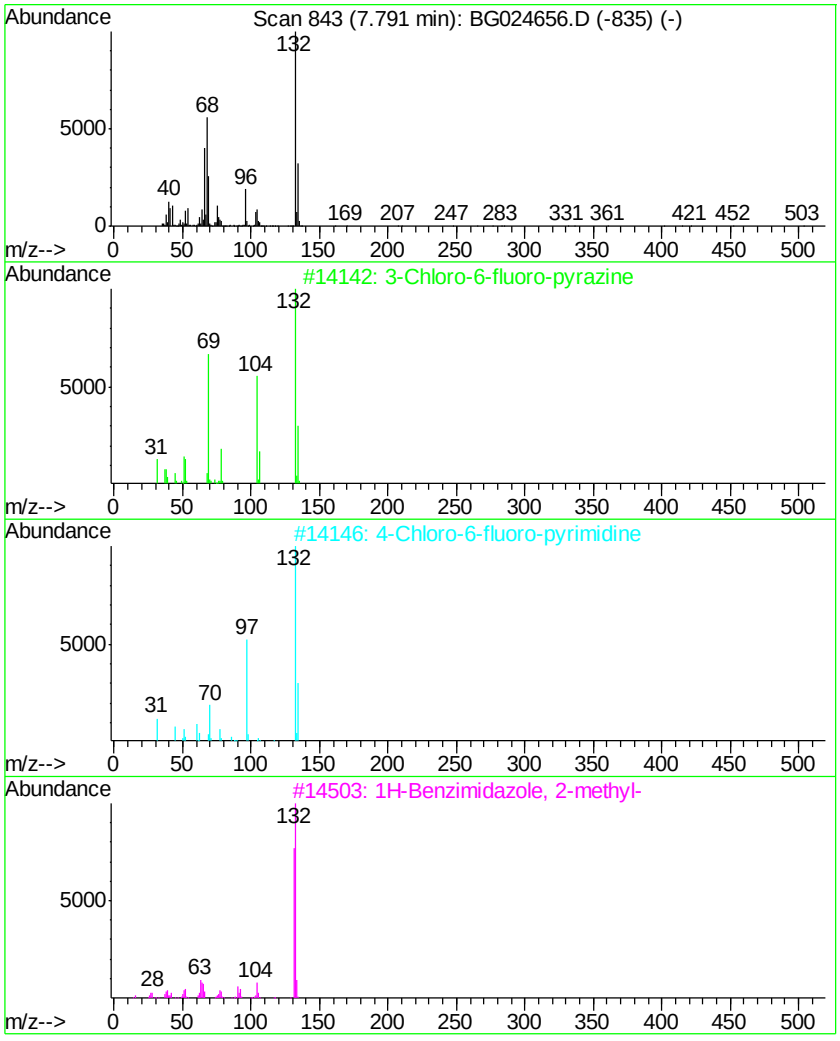
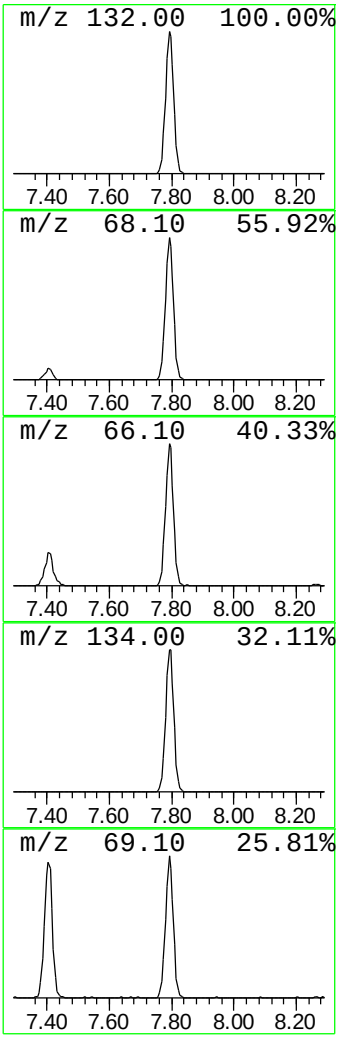
Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	119.94 ng	4263720	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-78-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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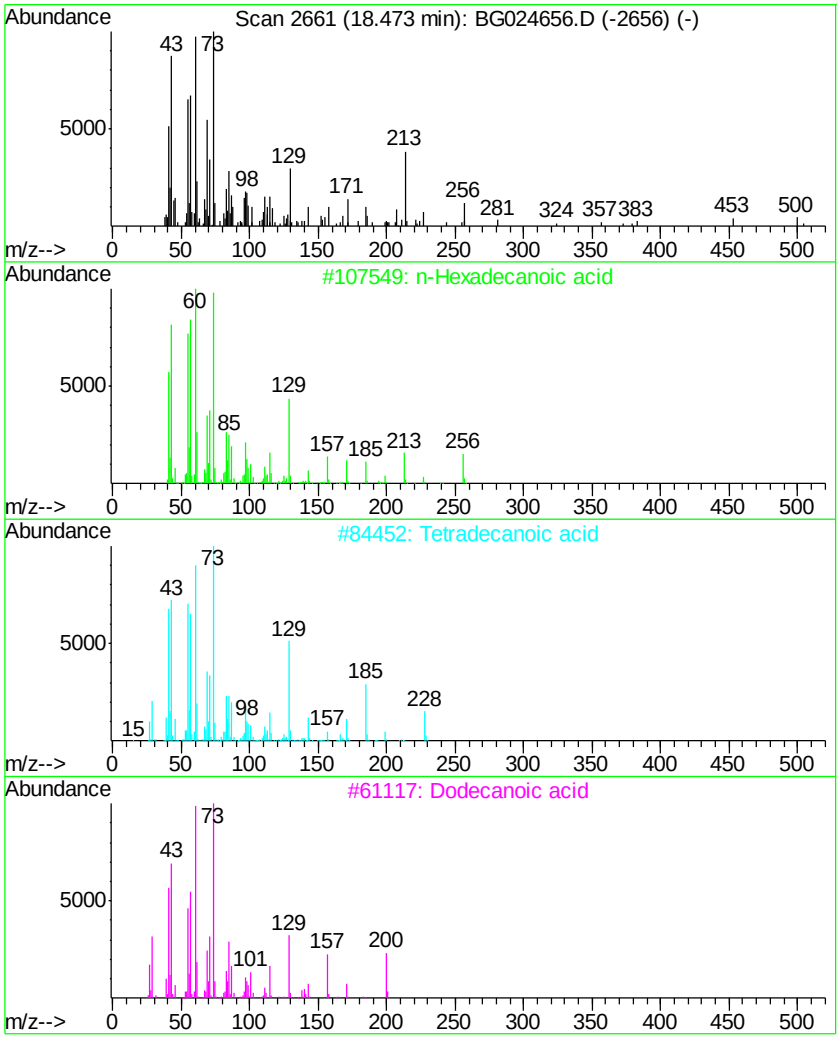
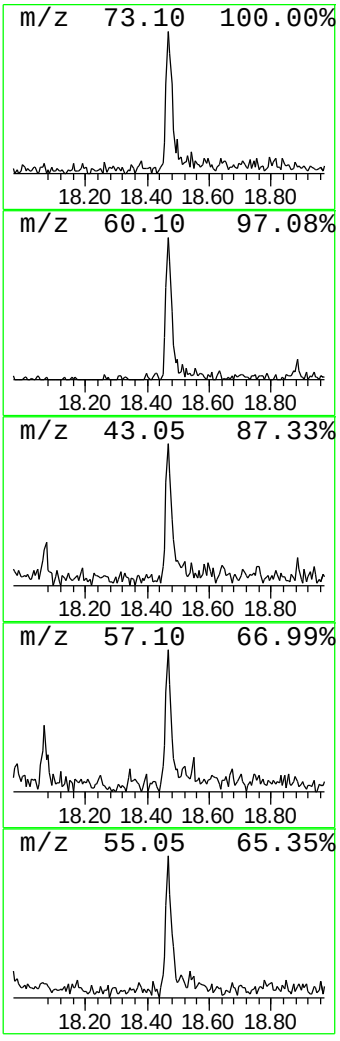
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.59 ng	234074	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





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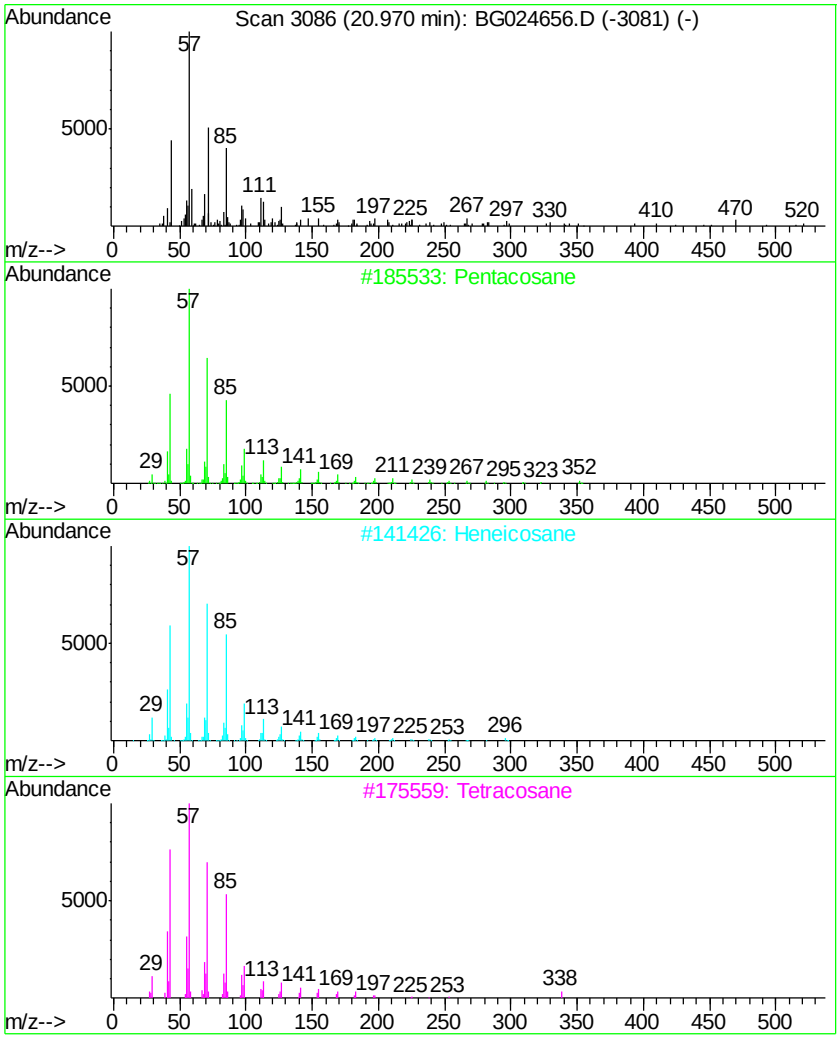
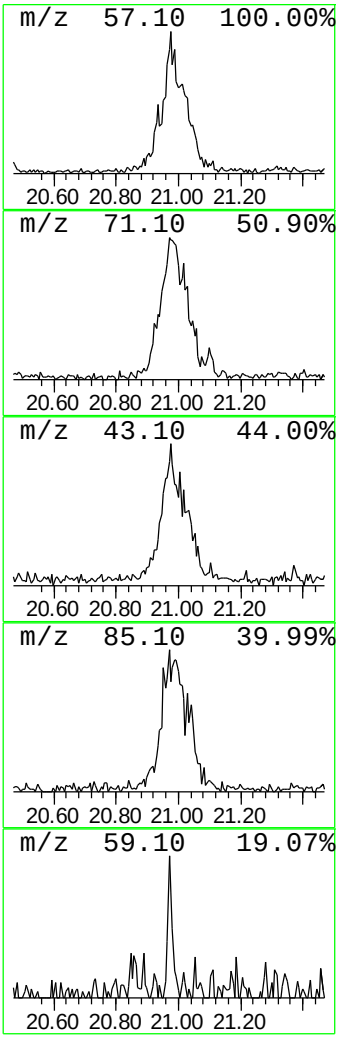
Peak Number 6 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.98 ng	628301	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	58
2	Heneicosane	296	C21H44	000629-94-7	58
3	Tetracosane	338	C24H50	000646-31-1	58
4	Heptacosane	380	C27H56	000593-49-7	53
5	Triacontane	422	C30H62	000638-68-6	53





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
unknown3.13	3.13	419.8	ng	14923900	1	8.27	710954	20.0
2-Pentanone, 4-hy...	5.33	25.1	ng	894048	1	8.27	710954	20.0
unknown7.79	7.79	119.9	ng	4263720	1	8.27	710954	20.0
n-Hexadecanoic acid	18.47	2.6	ng	234074	4	17.63	1806030	20.0
Pentacosane	20.97	5.0	ng	628301	5	21.92	2524590	20.0