LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024159.D
Acq On : 30 Sep 2016 14:53
Operator : UM/SJ
Sample : H4998-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

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-BG092316.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	2.896	6	10	28	rVB	4773706	6974074	100.00%	21.229%
2	5.111	382	387	395	rVB2	182859	315419	4.52%	0.960%
3	5.593	464	469	480	rBV	976007	1660948	23.82%	5.056%
4	7.220	740	746	760	rBV	1043928	1972822	28.29%	6.005%
5	7.578	801	807	820	rVB	1024215	1821000	26.11%	5.543%
6	8.048	882	887	897	rVB	174265	309707	4.44%	0.943%
7	8.371	935	942	953	rBV	705267	1247702	17.89%	3.798%
8	9.229	1081	1088	1100	rBV	633341	1214374	17.41%	3.697%
9	10.880	1362	1369	1382	rBV	216370	448304	6.43%	1.365%
10	13.329	1779	1786	1796	rBV	1731578	2709536	38.85%	8.248%
11	14.164	1921	1928	1941	rBV	944108	1466657	21.03%	4.465%
12	14.716	2016	2022	2035	rBV	453422	727071	10.43%	2.213%
13	16.220	2271	2278	2295	rBV	1733558	2832275	40.61%	8.622%
14	17.483	2485	2493	2506	rBV	646436	1073629	15.39%	3.268%
15	17.835	2545	2553	2558	rBV6	54845	110590	1.59%	0.337%
16	18.352	2637	2641	2649	rBV3	113301	192011	2.75%	0.584%
17	19.621	2852	2857	2864	rBV4	62253	104062	1.49%	0.317%
18	20.091	2930	2937	2946	rBV	3858685	5077713	72.81%	15.457%
19	21.383	3153	3157	3163	rBV8	33792	84505	1.21%	0.257%
20	21.789	3219	3226	3234	rBV	727086	1299553	18.63%	3.956%
21	25.119	3781	3793	3808	rBV	382506	1209166	17.34%	3.681%

Sum of corrected areas: 32851118

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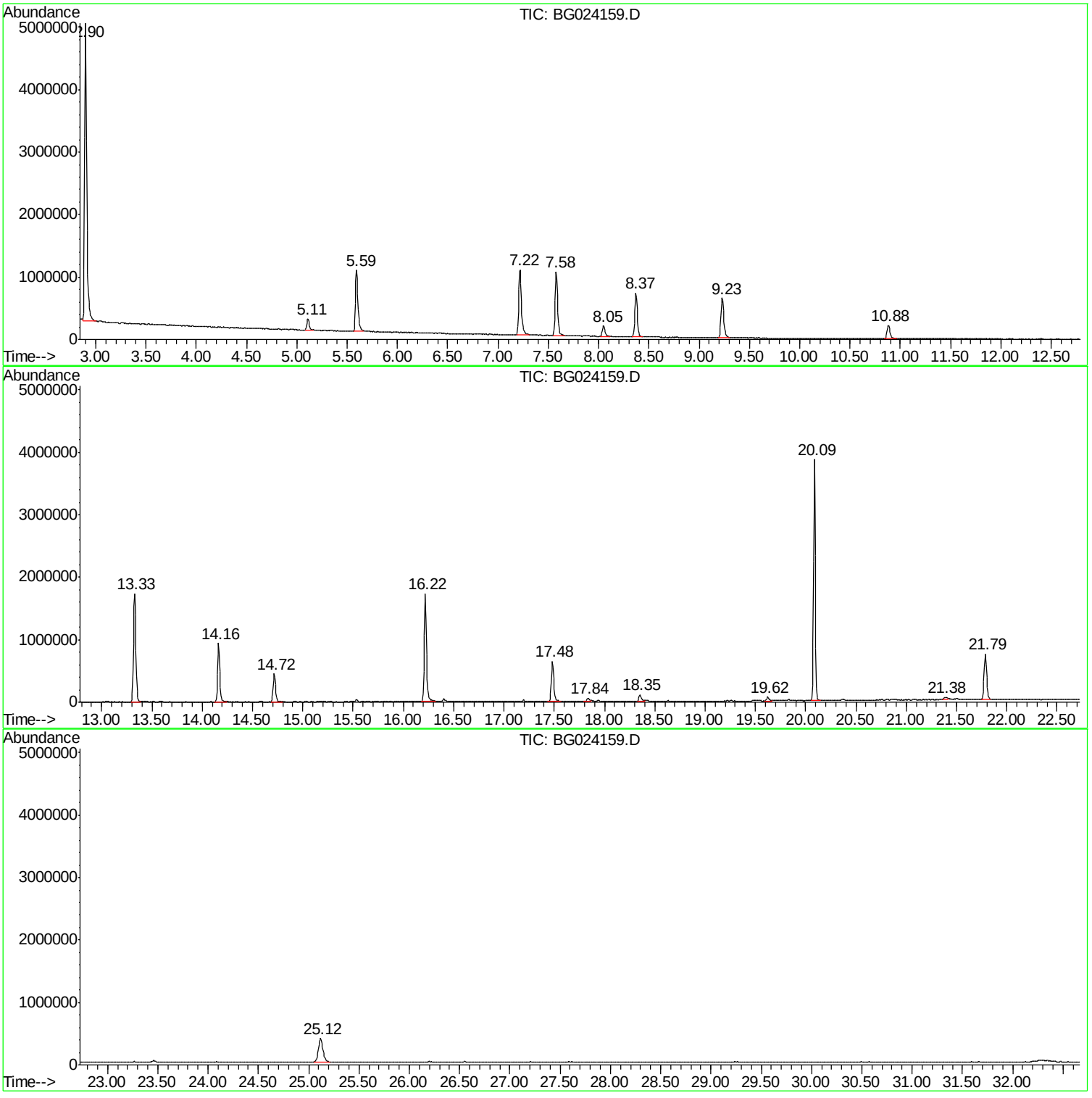
Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
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Acq On : 30 Sep 2016 14:53
Operator : UM/SJ
Sample : H4998-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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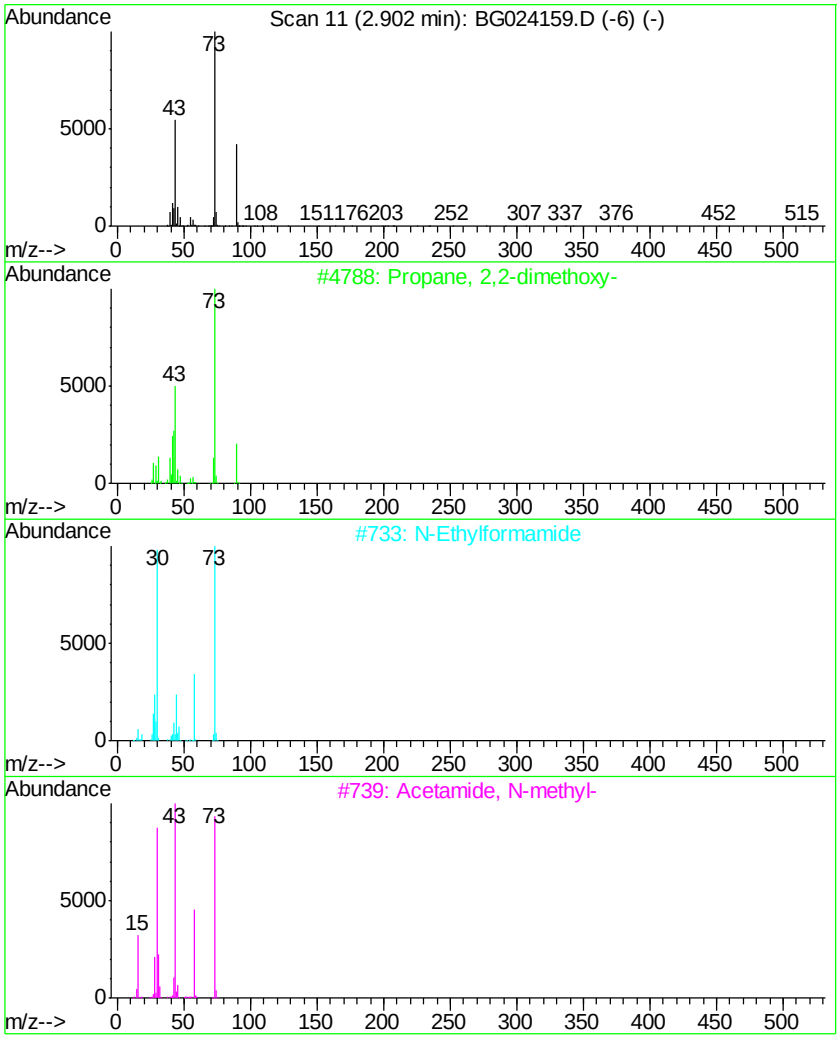
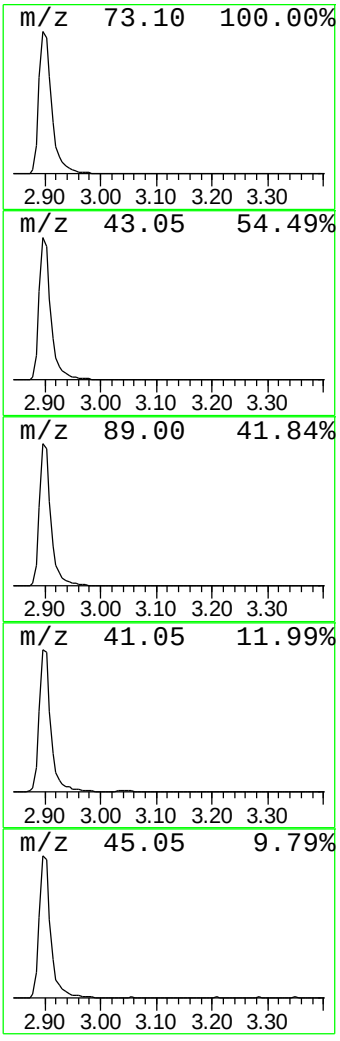
Peak Number 1 unknown2.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	450.37 ng	6974070	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Sample : H4998-08
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Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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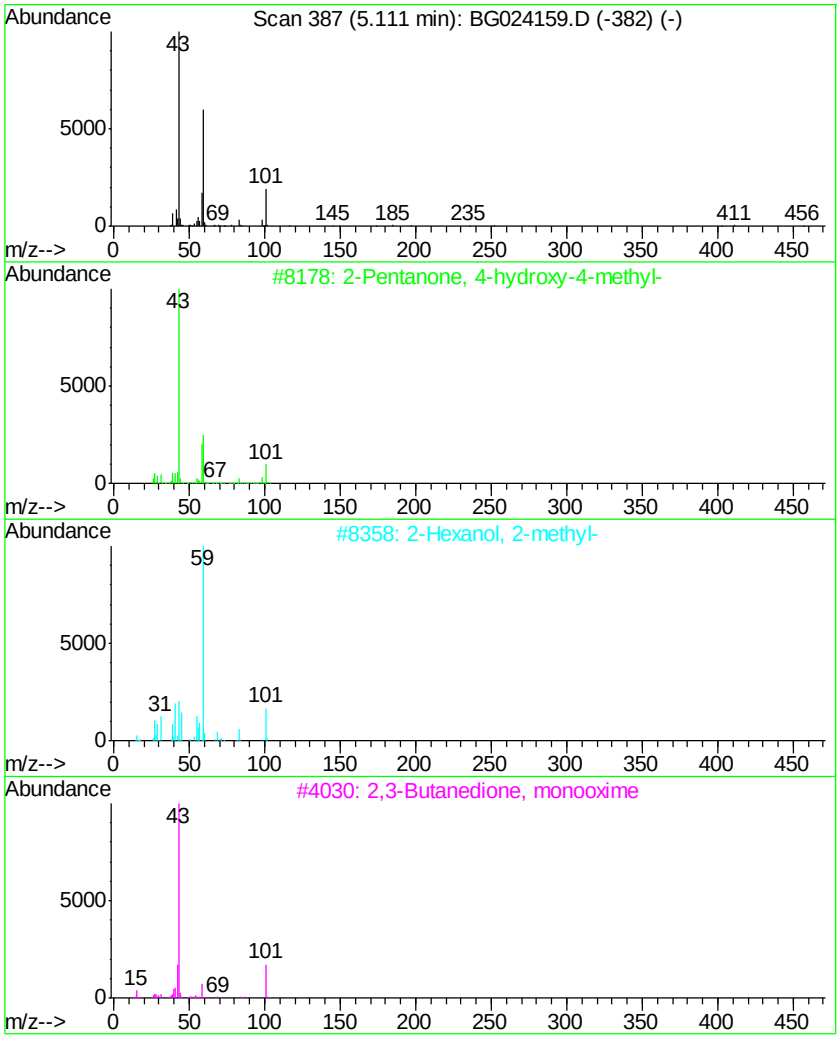
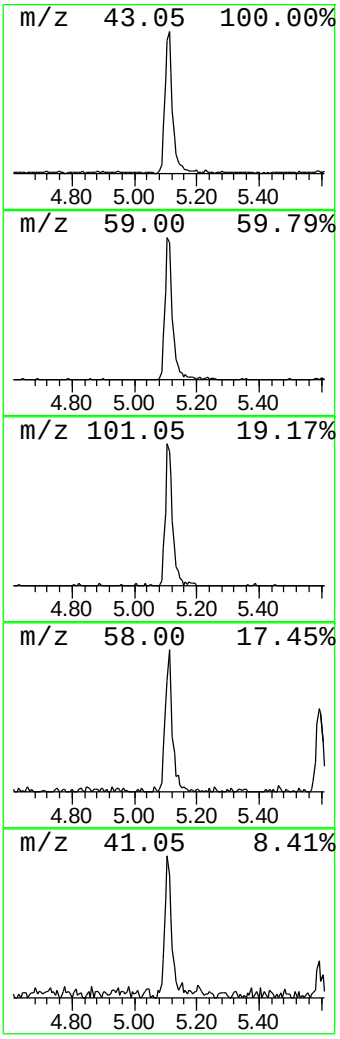
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	20.37 ng	315419	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





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Sample : H4998-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

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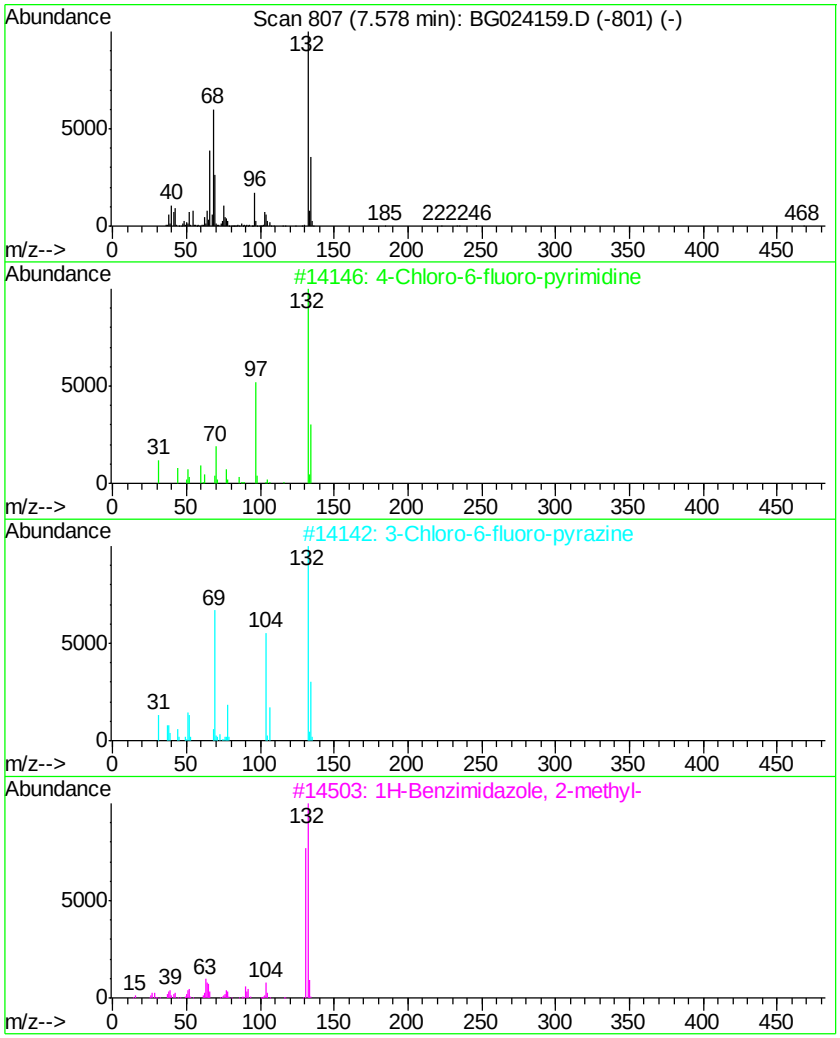
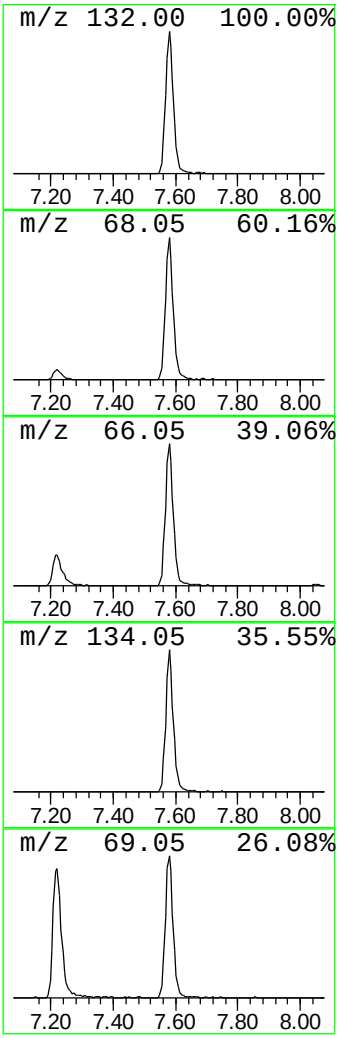
Peak Number 3 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	117.60 ng	1821000	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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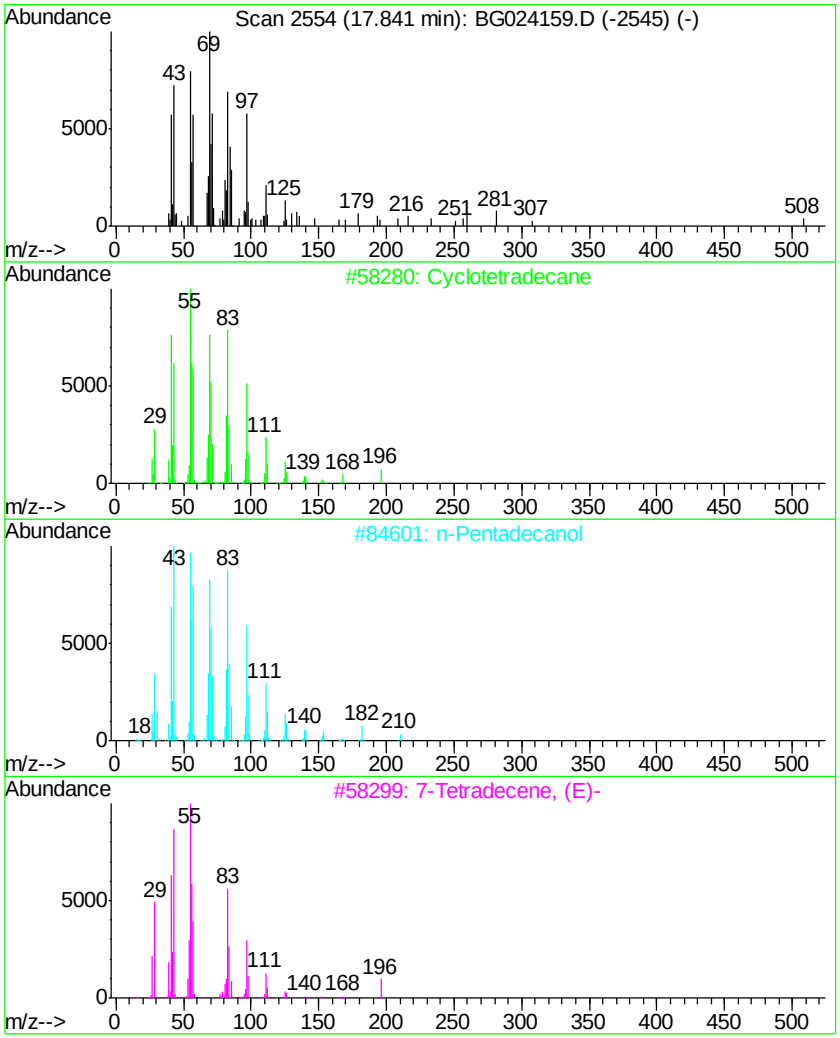
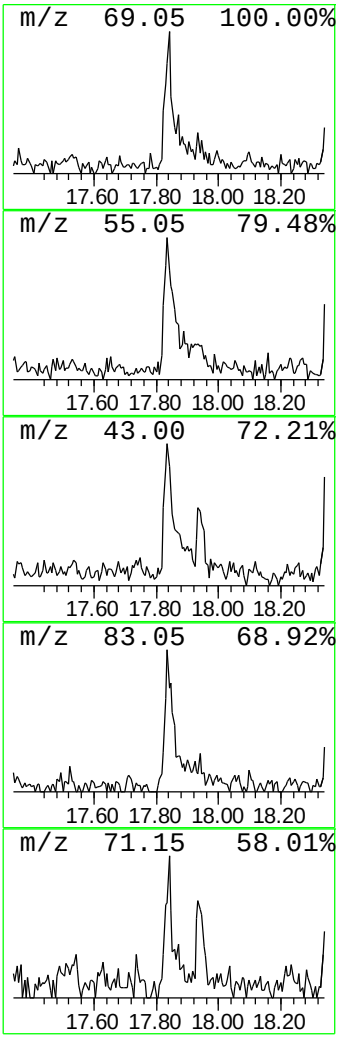
Peak Number 5 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.06 ng	110590	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	7-Tetradecene, (E)-	196	C14H28	041446-63-3	90
4	1-Nonadecene	266	C19H38	018435-45-5	89
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	89





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Misc :
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Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

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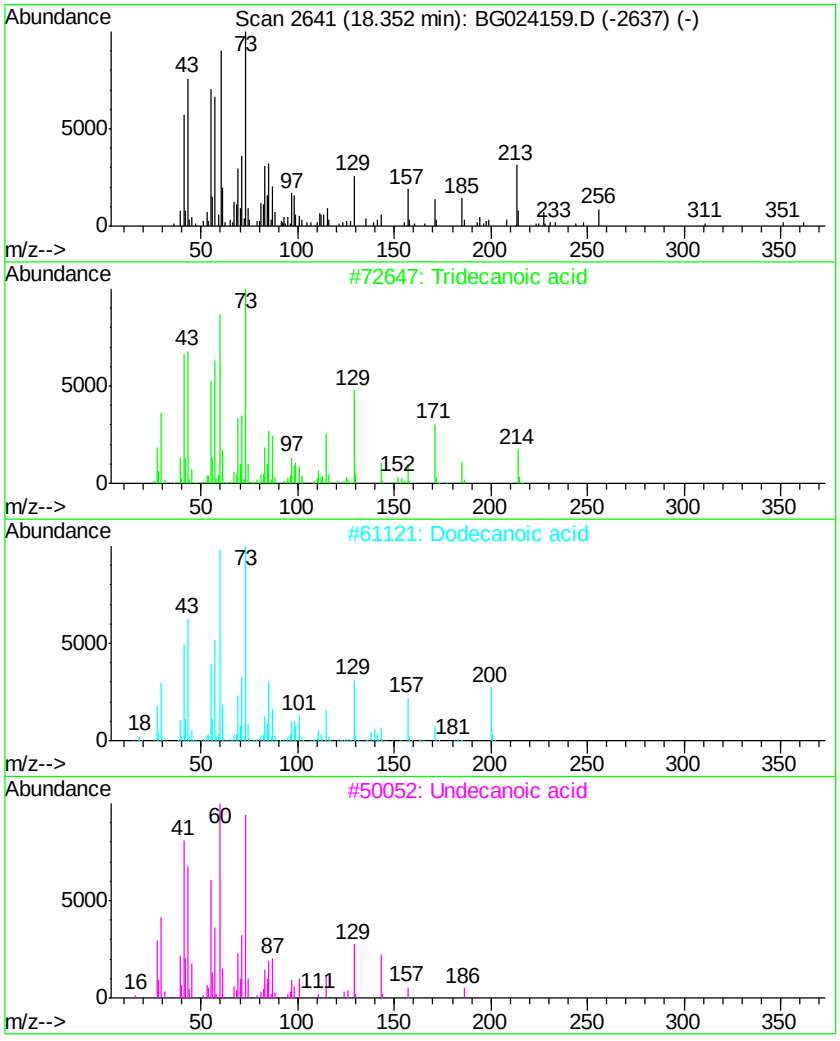
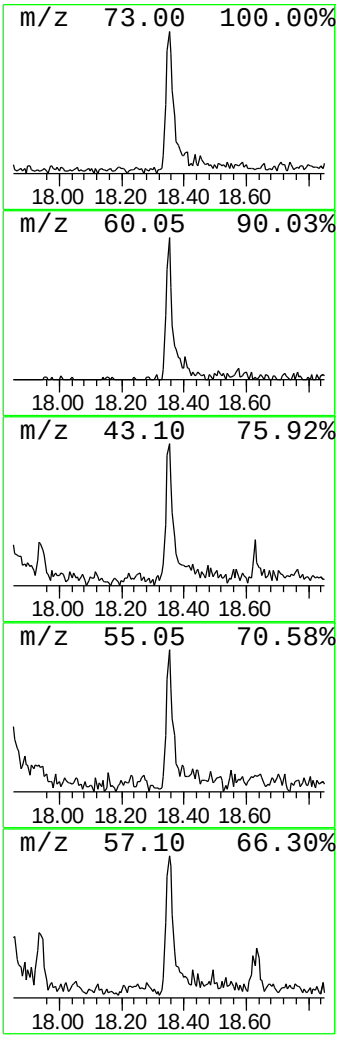
Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.58 ng	192011	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.90	2.90	450.4	ng	6974070	1	8.05	309707	20.0
2-Pentanone, 4-hy...	5.11	20.4	ng	315419	1	8.05	309707	20.0
unknown7.58	7.58	117.6	ng	1821000	1	8.05	309707	20.0
Cyclotetradecane	17.84	2.1	ng	110590	4	17.48	1073630	20.0
Tridecanoic acid	18.35	3.6	ng	192011	4	17.48	1073630	20.0