LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
Data File : BG023960.D
Acq On : 7 Sep 2016 19:42
Operator : UM/SJ
Sample : H4720-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DI-SW-EAST

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-BG083116.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	2.939	12	17	31	rBV	2838258	4163663	100.00%	15.242%
2	5.136	386	391	400	rBV	175252	288764	6.94%	1.057%
3	5.612	464	472	488	rBV	935092	1588994	38.16%	5.817%
4	7.233	741	748	763	rBV	1045091	1877593	45.09%	6.873%
5	7.597	802	810	819	rBV	1015634	1769655	42.50%	6.478%
6	8.061	883	889	896	rVB	200846	338967	8.14%	1.241%
7	8.384	938	944	957	rBV	713649	1267319	30.44%	4.639%
8	9.242	1083	1090	1105	rBV	644622	1203989	28.92%	4.407%
9	10.898	1365	1372	1381	rBV	259700	485893	11.67%	1.779%
10	13.348	1780	1789	1799	rBV	1727908	2639000	63.38%	9.661%
11	14.182	1924	1931	1939	rBV	466516	675559	16.23%	2.473%
12	14.734	2018	2025	2033	rBV2	437470	719007	17.27%	2.632%
13	15.557	2161	2165	2170	rVB	53461	69841	1.68%	0.256%
14	15.962	2225	2234	2238	rBV3	36053	79839	1.92%	0.292%
15	16.238	2275	2281	2289	rBV	1656391	2549075	61.22%	9.331%
16	16.420	2309	2312	2314	rBV2	62223	75053	1.80%	0.275%
17	17.219	2445	2448	2452	rVB4	46421	45580	1.09%	0.167%
18	17.272	2453	2457	2460	rVB5	38966	52639	1.26%	0.193%
19	17.501	2490	2496	2503	rBV	590512	926826	22.26%	3.393%
20	18.371	2640	2644	2653	rBV4	86869	161619	3.88%	0.592%
21	19.640	2857	2860	2868	rBV8	60363	120609	2.90%	0.442%
22	20.110	2934	2940	2948	rBV	3078283	4071246	97.78%	14.904%
23	21.807	3224	3229	3236	rBV2	647168	1075488	25.83%	3.937%
24	25.162	3792	3800	3812	rVB	354526	1071126	25.73%	3.921%

Sum of corrected areas: 27317344

LSC Report - Integrated Chromatogram

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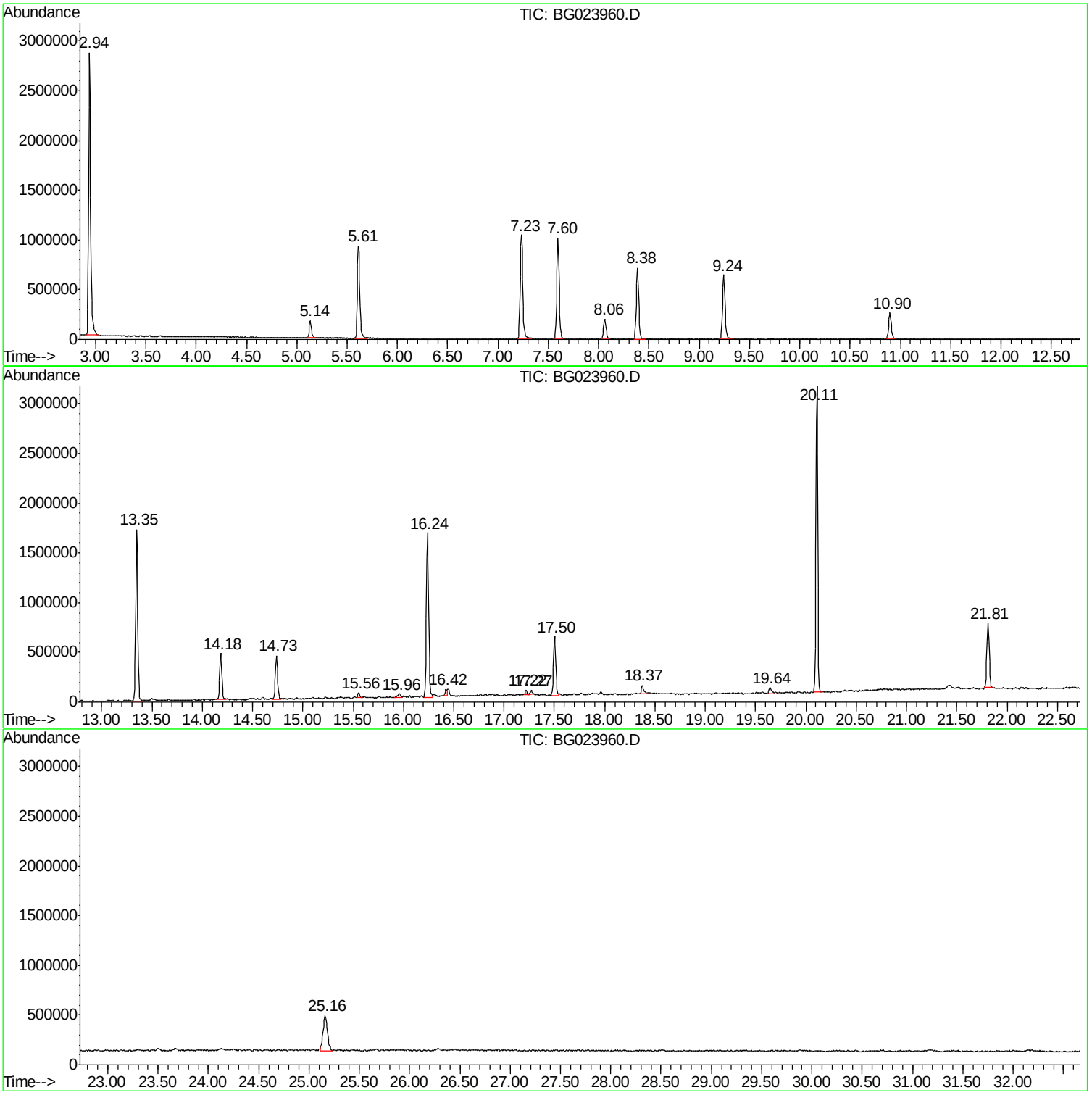
Instrument : BNA_G
ClientSampleId : DI-SW-EAST

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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Sample : H4720-06
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ClientSampleId : DI-SW-EAST

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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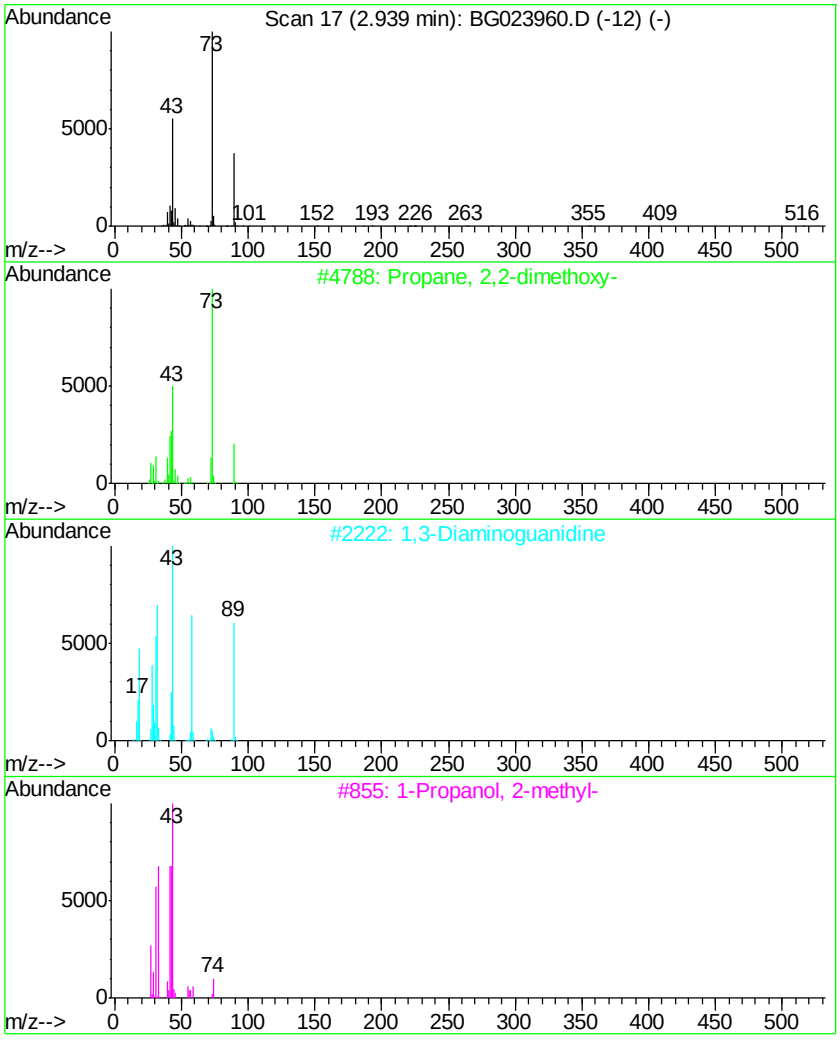
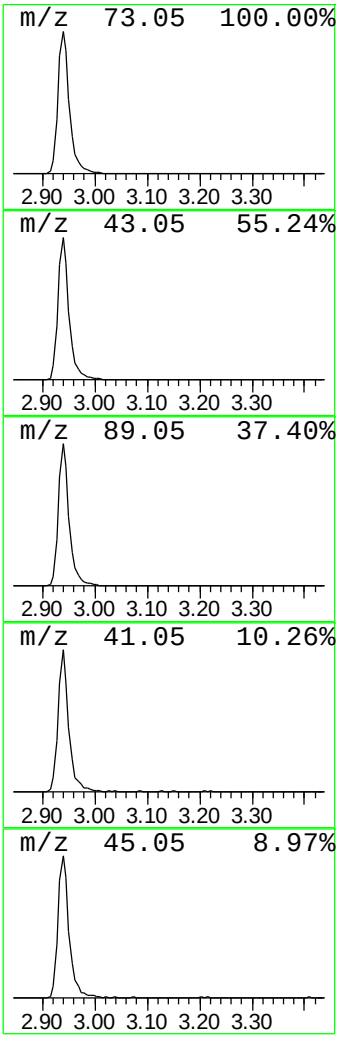
Peak Number 1 unknown2.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	245.67 ng	4163660	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
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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Sample : H4720-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DI-SW-EAST

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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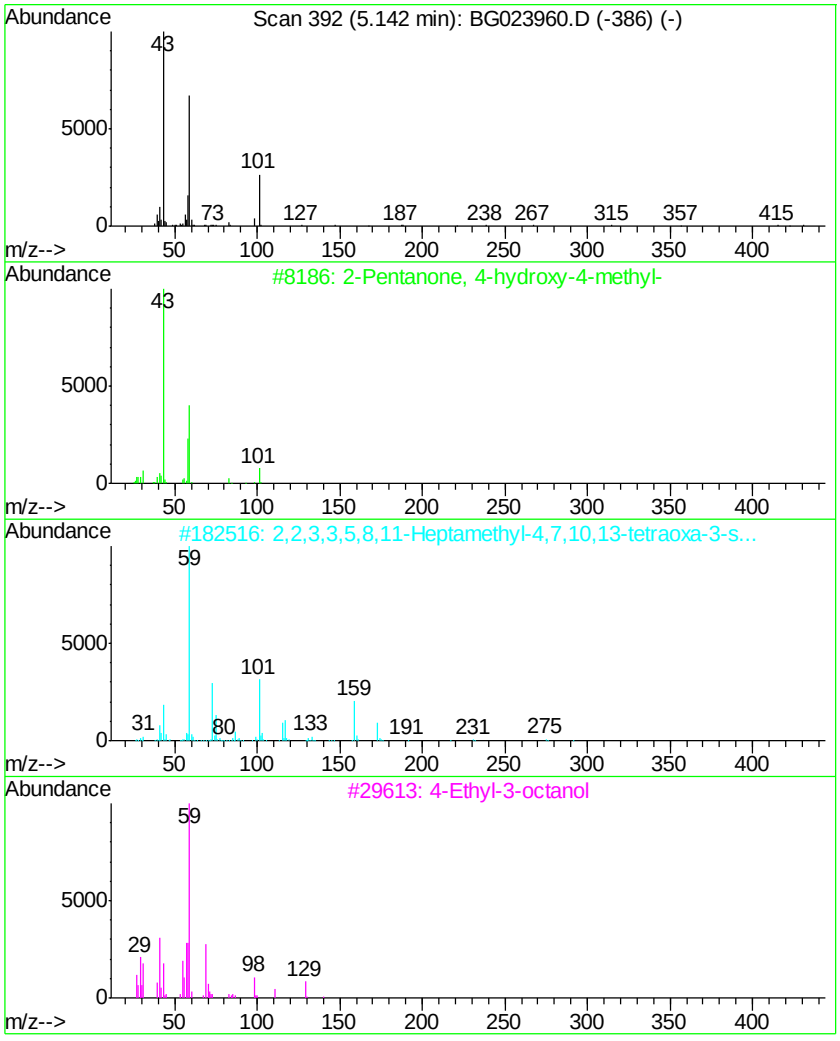
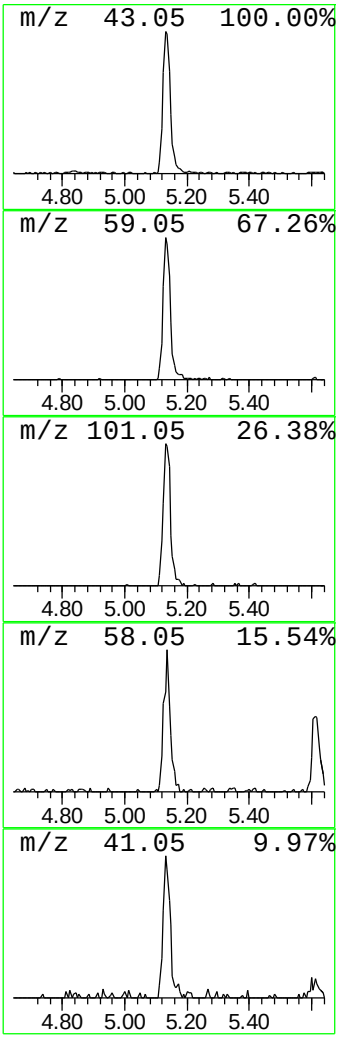
Peak Number 2 unknown5.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	17.04 ng	288764	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	25
3	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	12
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





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Operator : UM/SJ
Sample : H4720-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DI-SW-EAST

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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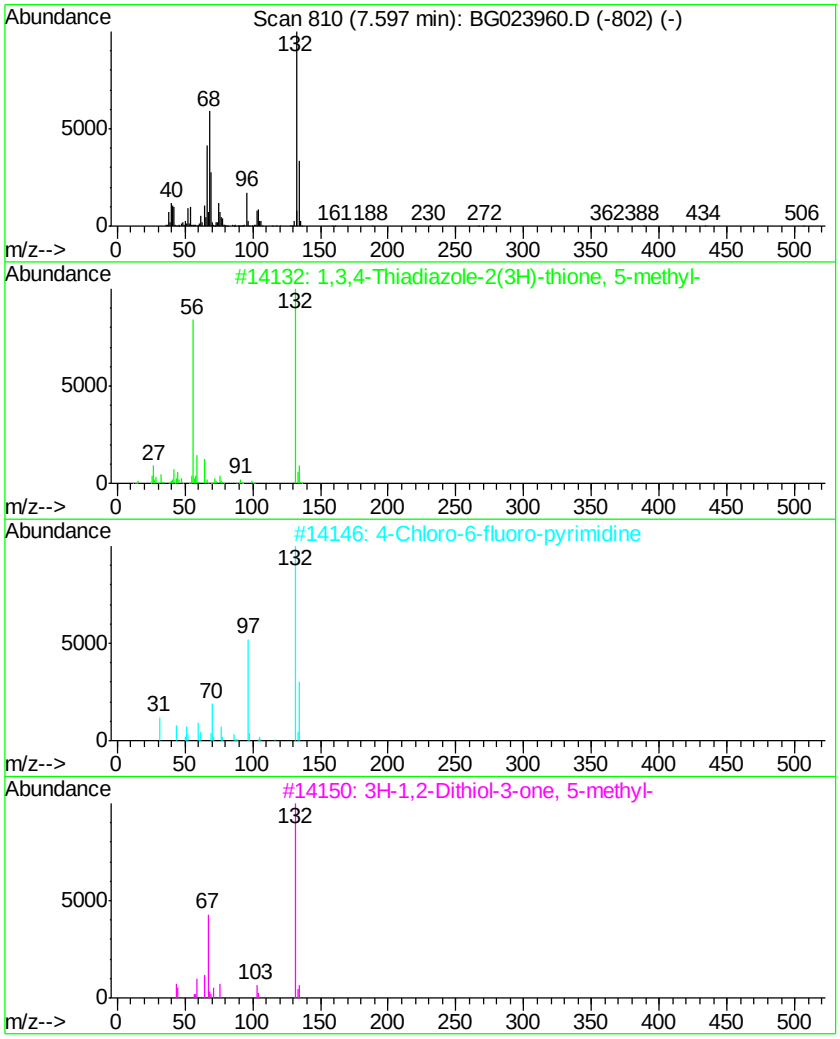
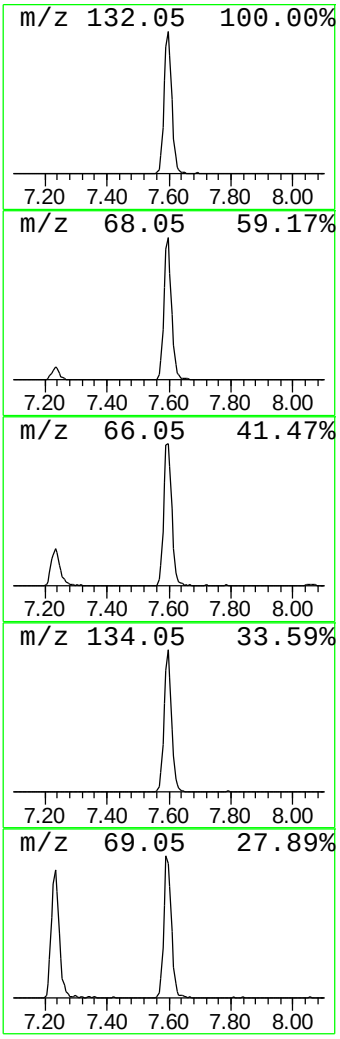
Peak Number 3 unknown7.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	104.42 ng	1769660	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Instrument : BNA_G
ClientSampleId : DI-SW-EAST

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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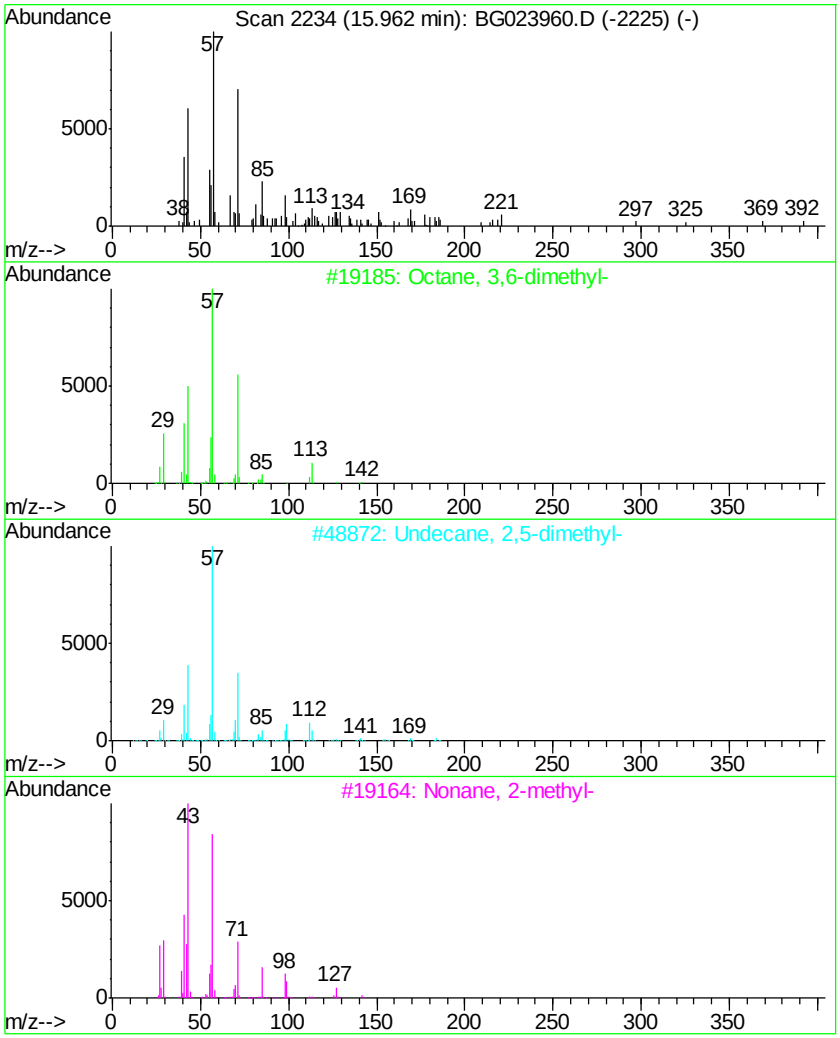
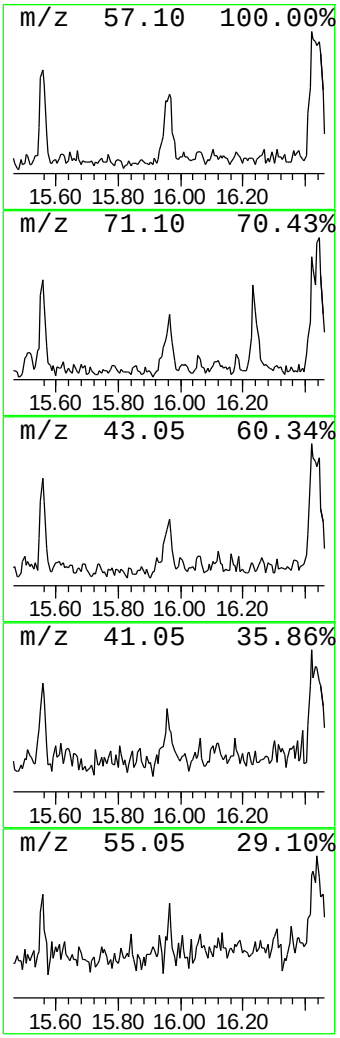
Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.22 ng	79839	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	62
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	52
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	50





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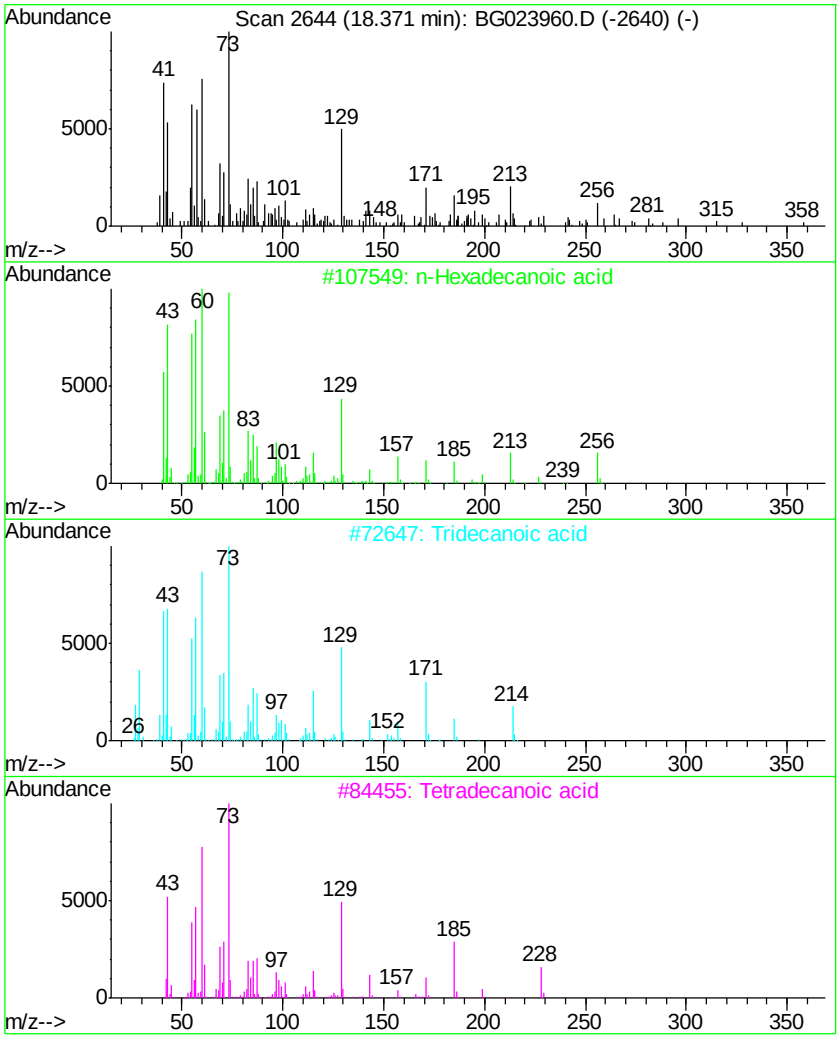
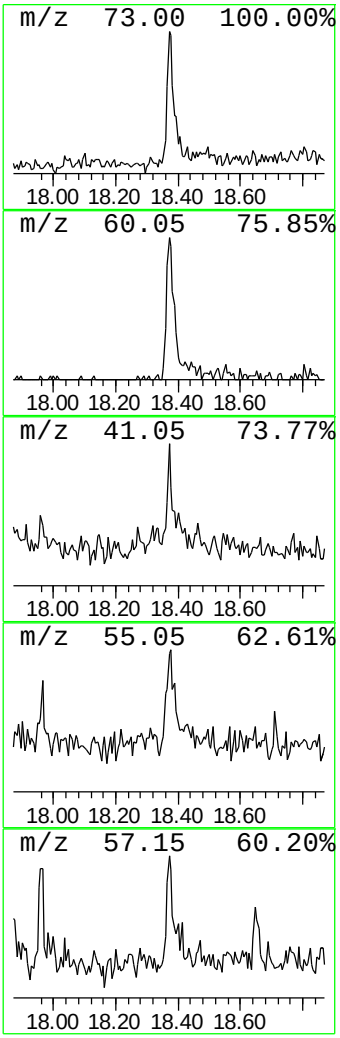
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.49 ng	161619	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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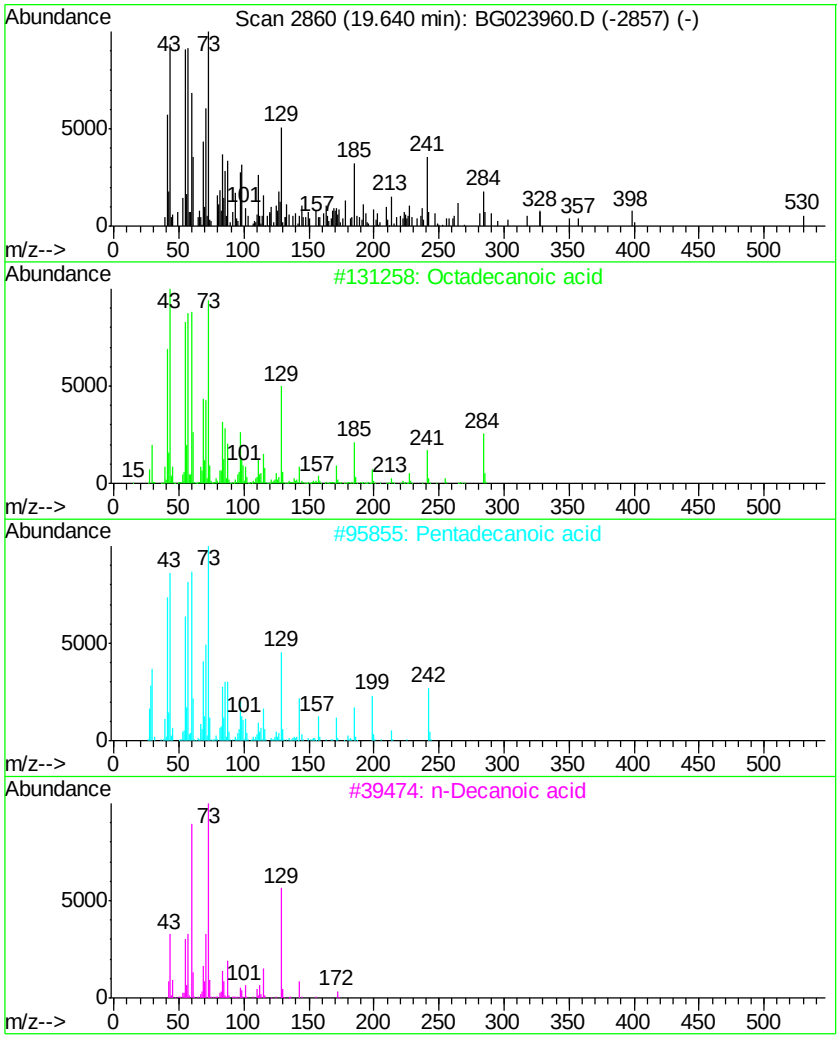
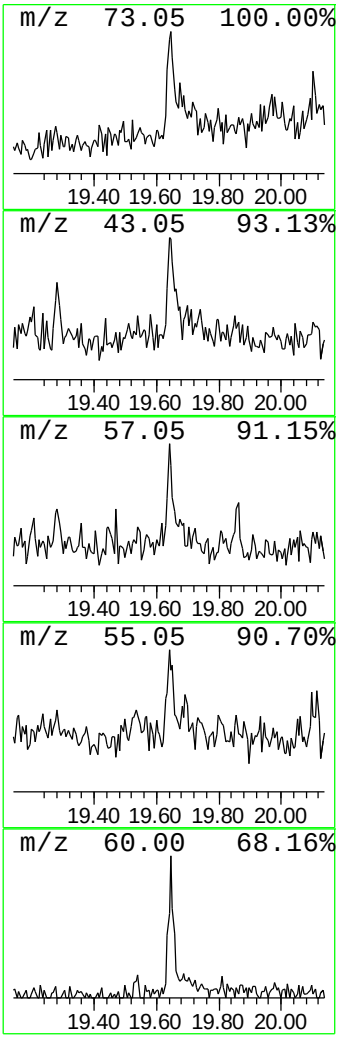
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.60 ng	120609	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
3	n-Decanoic acid	172	C10H20O2	000334-48-5	41
4	3,5-Difluorobenzaldehyde carbamo...	199	C8H7F2N3O	163893-49-0	25
5	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	22





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
unknown2.94	2.94	245.7	ng	4163660	1	8.06	338967	20.0
unknown5.14	5.14	17.0	ng	288764	1	8.06	338967	20.0
unknown7.60	7.60	104.4	ng	1769660	1	8.06	338967	20.0
Octane, 3,6-dimet...	15.96	2.2	ng	79839	3	14.73	719007	20.0
n-Hexadecanoic acid	18.37	3.5	ng	161619	4	17.50	926826	20.0
Octadecanoic acid	19.64	2.6	ng	120609	4	17.50	926826	20.0