LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017156.D
Acq On : 15 May 2015 2:04
Operator : TP/IZ
Sample : G2179-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

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-BG051315.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	2.795	13	18	27	rBV	192984	321424	8.36%	1.434%
2	2.872	27	31	43	rVB	509426	650829	16.94%	2.903%
3	4.817	357	362	368	rBV	39705	60208	1.57%	0.269%
4	5.298	438	444	454	rBV	590712	825574	21.48%	3.683%
5	6.902	711	717	726	rBV	402367	613632	15.97%	2.737%
6	7.249	768	776	785	rBV	1074934	1676178	43.62%	7.477%
7	7.707	848	854	862	rVB	267975	419555	10.92%	1.872%
8	8.025	901	908	916	rVB	843566	1342149	34.92%	5.987%
9	8.865	1044	1051	1059	rBV	877190	1422921	37.03%	6.347%
10	10.287	1285	1293	1301	rBV5	25630	49759	1.29%	0.222%
11	10.498	1322	1329	1336	rBV	403414	650048	16.92%	2.900%
12	12.713	1700	1706	1711	rBV	53011	92157	2.40%	0.411%
13	12.983	1744	1752	1758	rBV	2042794	3116025	81.08%	13.900%
14	13.600	1853	1857	1864	rBV9	24872	48852	1.27%	0.218%
15	13.818	1891	1894	1898	rVB	33730	44732	1.16%	0.200%
16	14.012	1924	1927	1935	rVB8	43369	72450	1.89%	0.323%
17	14.358	1981	1986	1993	rVB2	546274	835561	21.74%	3.727%
18	15.857	2235	2241	2246	rBV	1733545	2430973	63.26%	10.844%
19	17.108	2449	2454	2460	rBV2	694822	1006997	26.20%	4.492%
20	18.030	2607	2611	2617	rBV2	372328	508609	13.23%	2.269%
21	19.311	2826	2829	2834	rBV5	278483	354114	9.21%	1.580%
22	19.746	2899	2903	2909	rVB	3152664	3842957	100.00%	17.142%
23	21.297	3164	3167	3172	rVB	835565	1044103	27.17%	4.657%
24	23.571	3547	3554	3560	rVB	505542	988051	25.71%	4.407%

Sum of corrected areas: 22417858

LSC Report - Integrated Chromatogram

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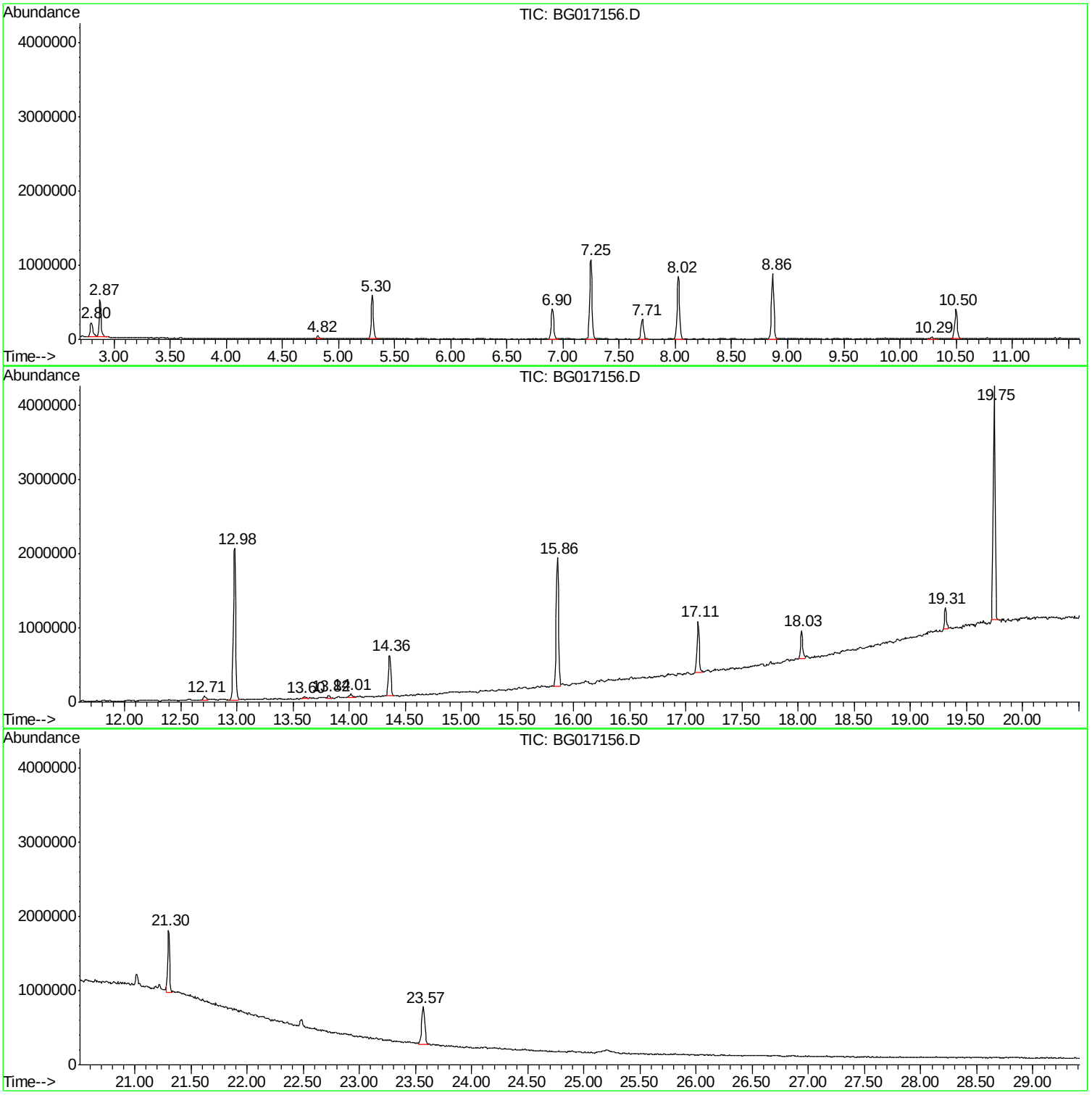
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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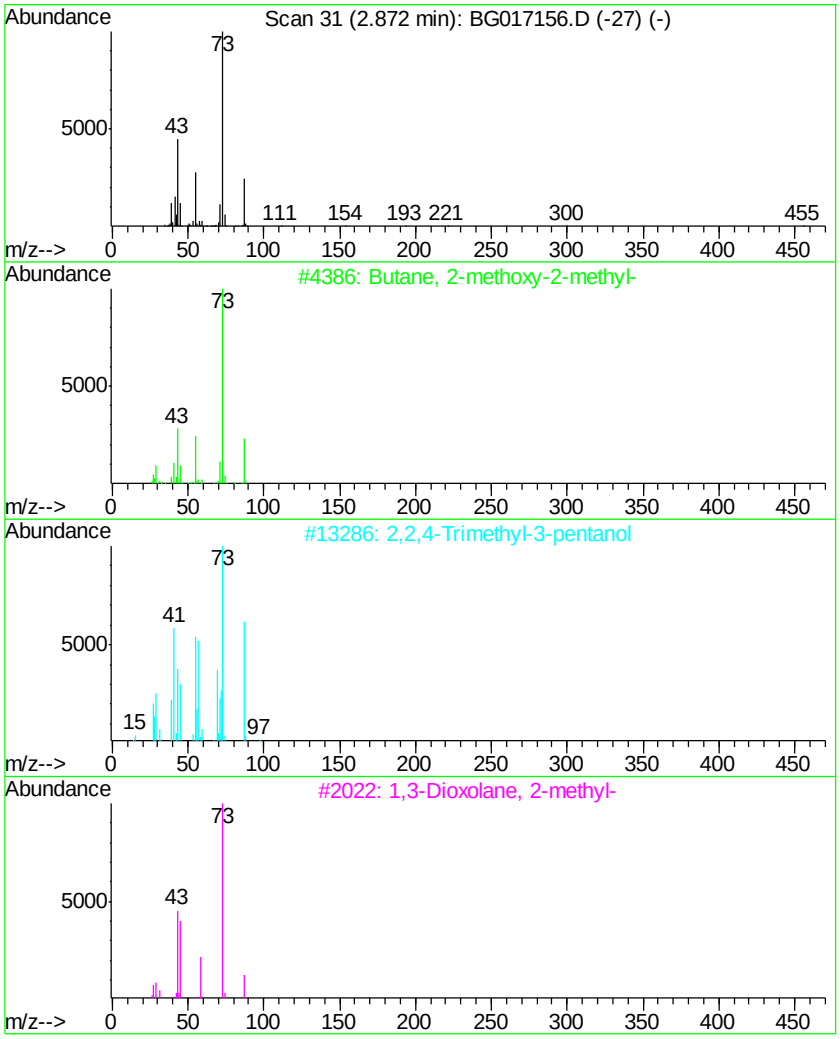
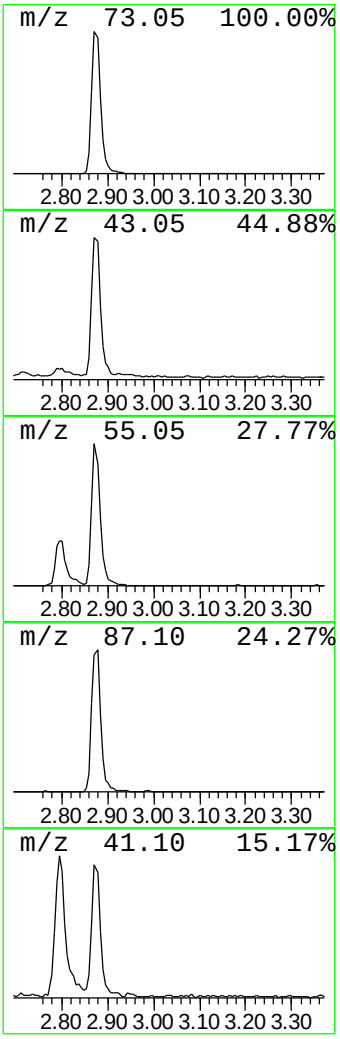
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	31.02 ng	650829	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : G2179-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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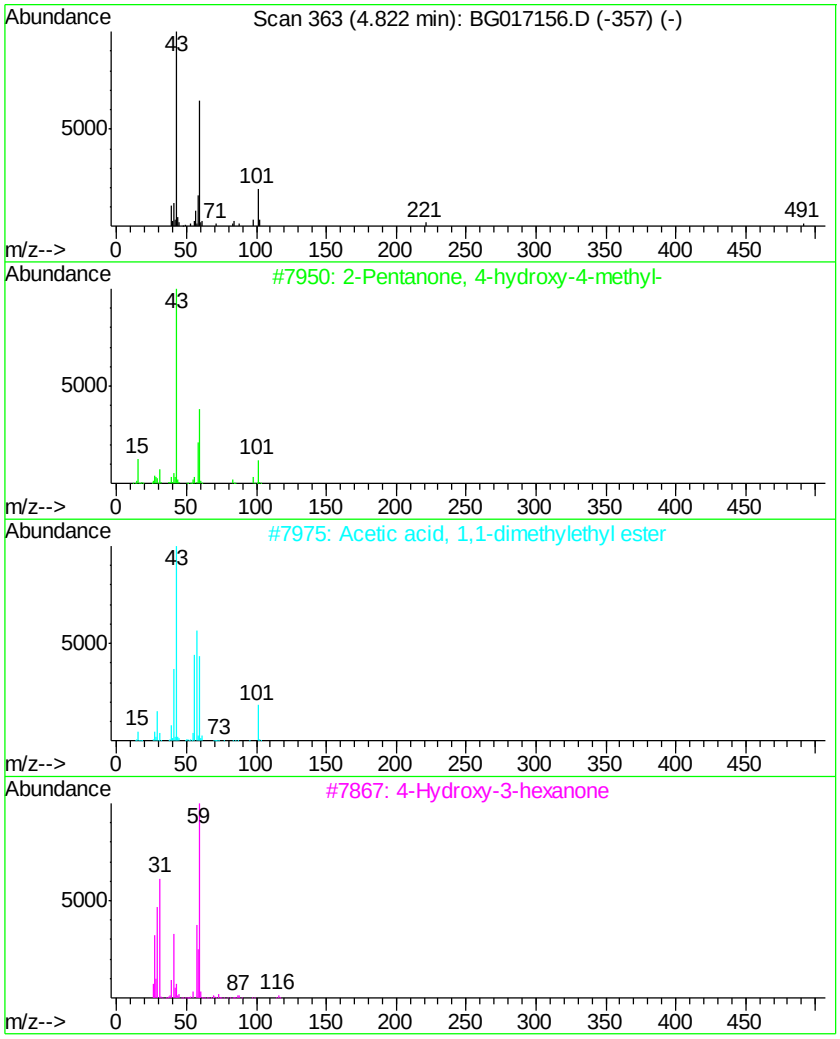
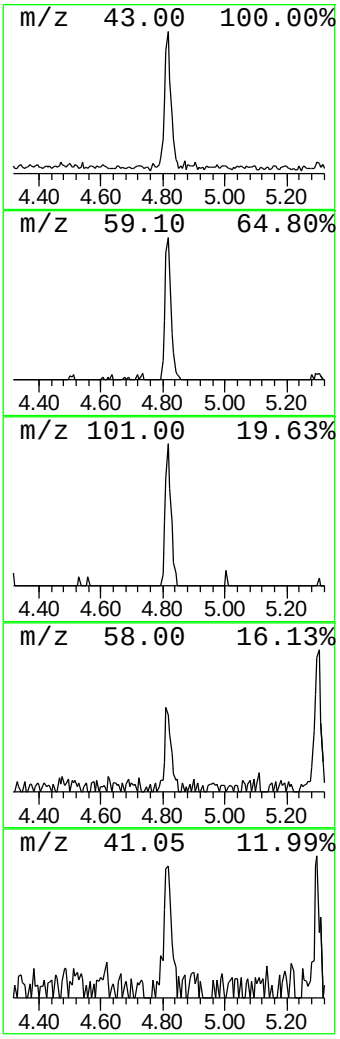
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.87 ng	60208	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23





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Data File : BG017156.D
Acq On : 15 May 2015 2:04
Operator : TP/IZ
Sample : G2179-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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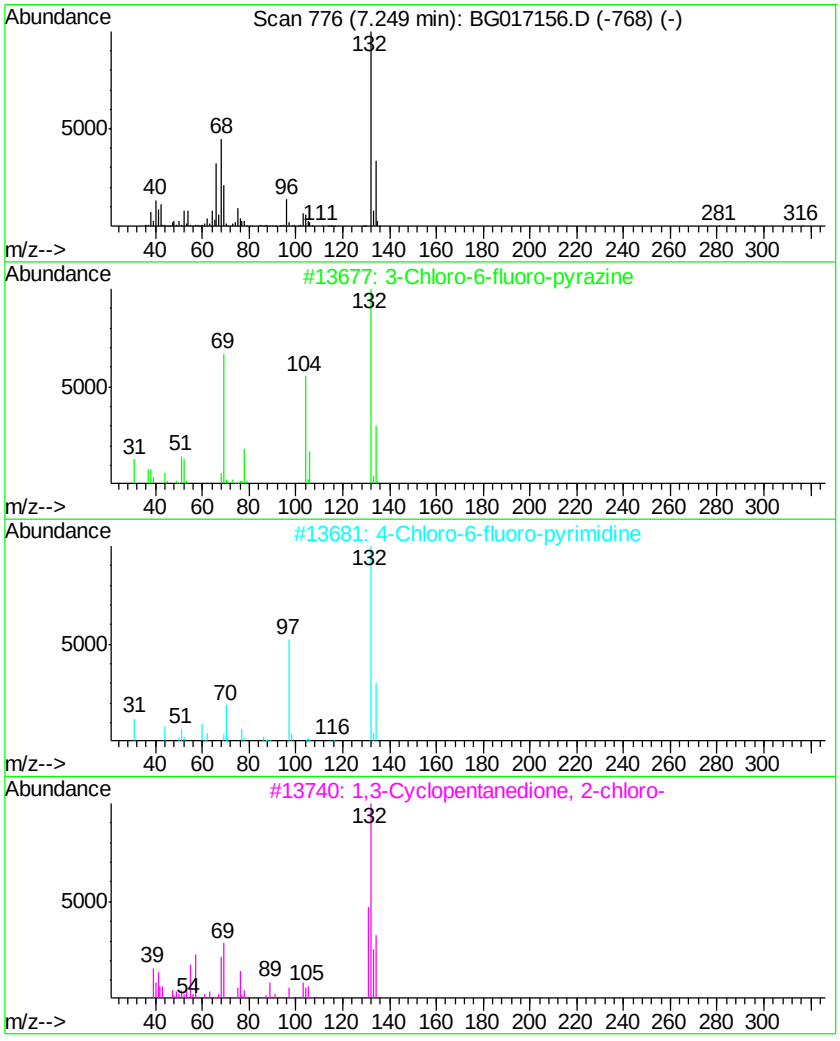
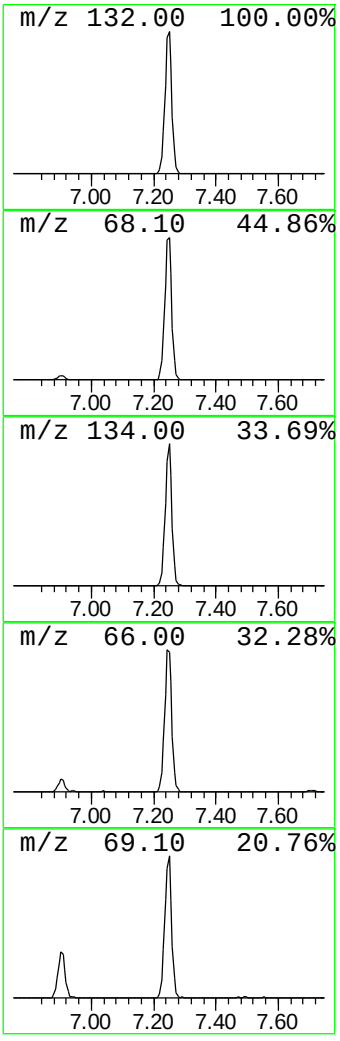
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	79.90 ng	1676180	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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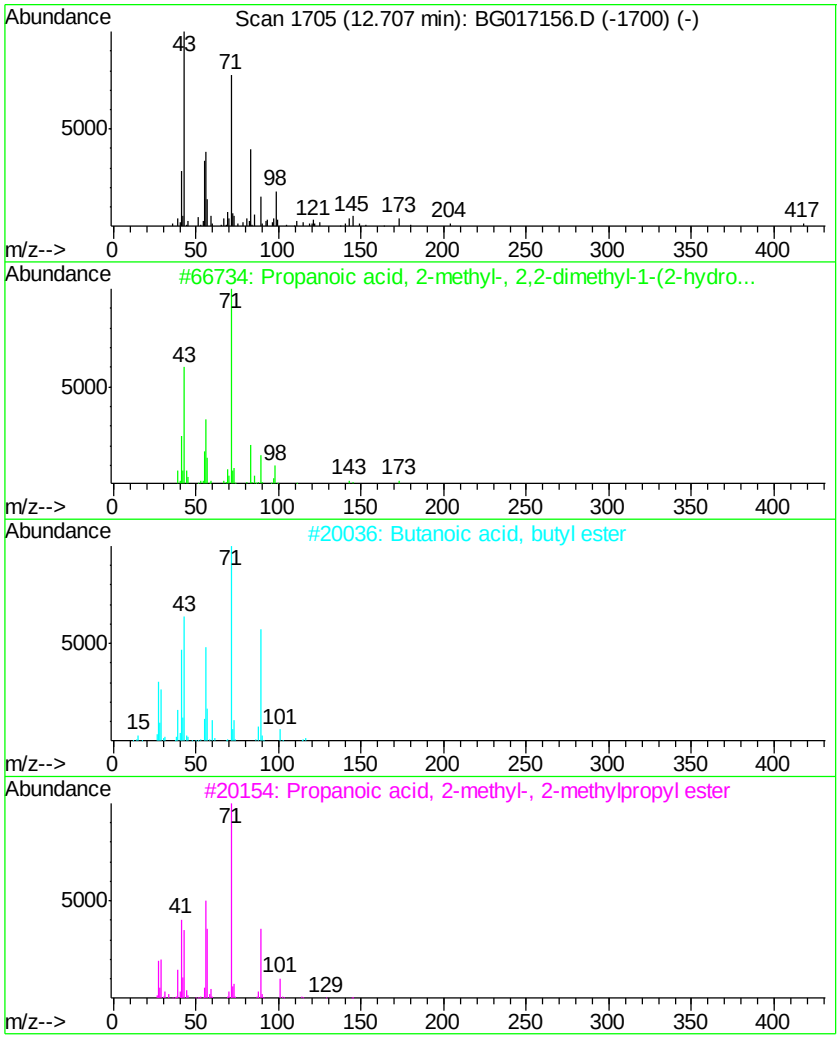
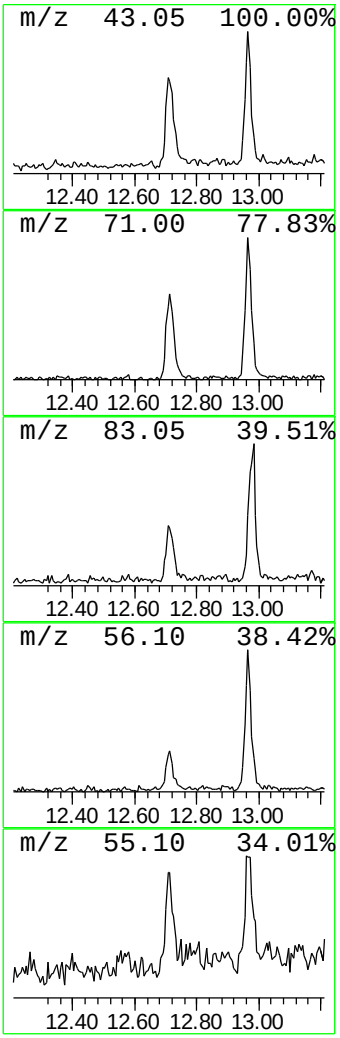
Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.21 ng	92157	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	50
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
4	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
5	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	43





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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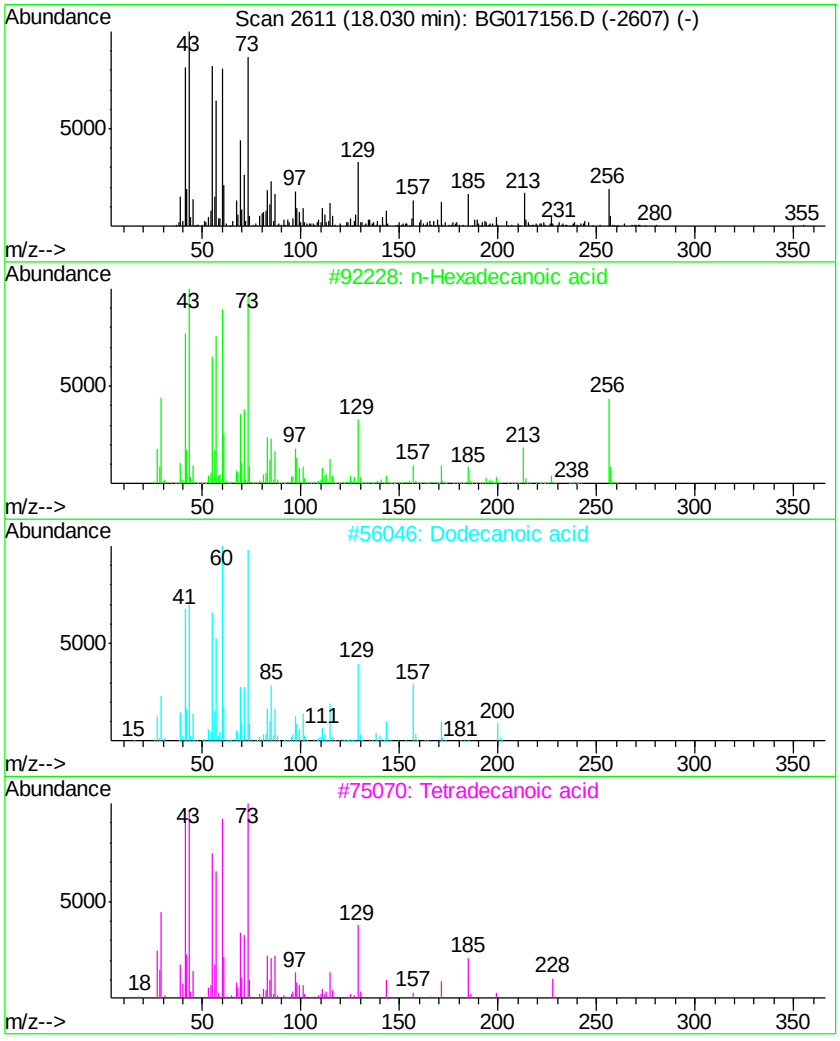
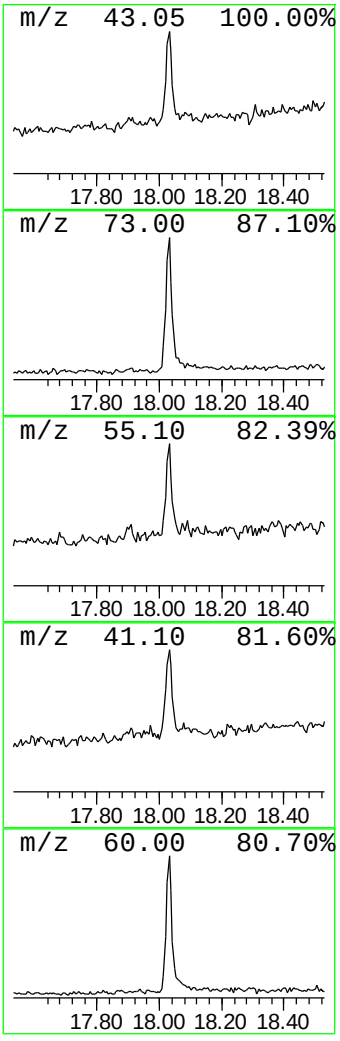
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	10.10 ng	508609	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Instrument : BNA_G
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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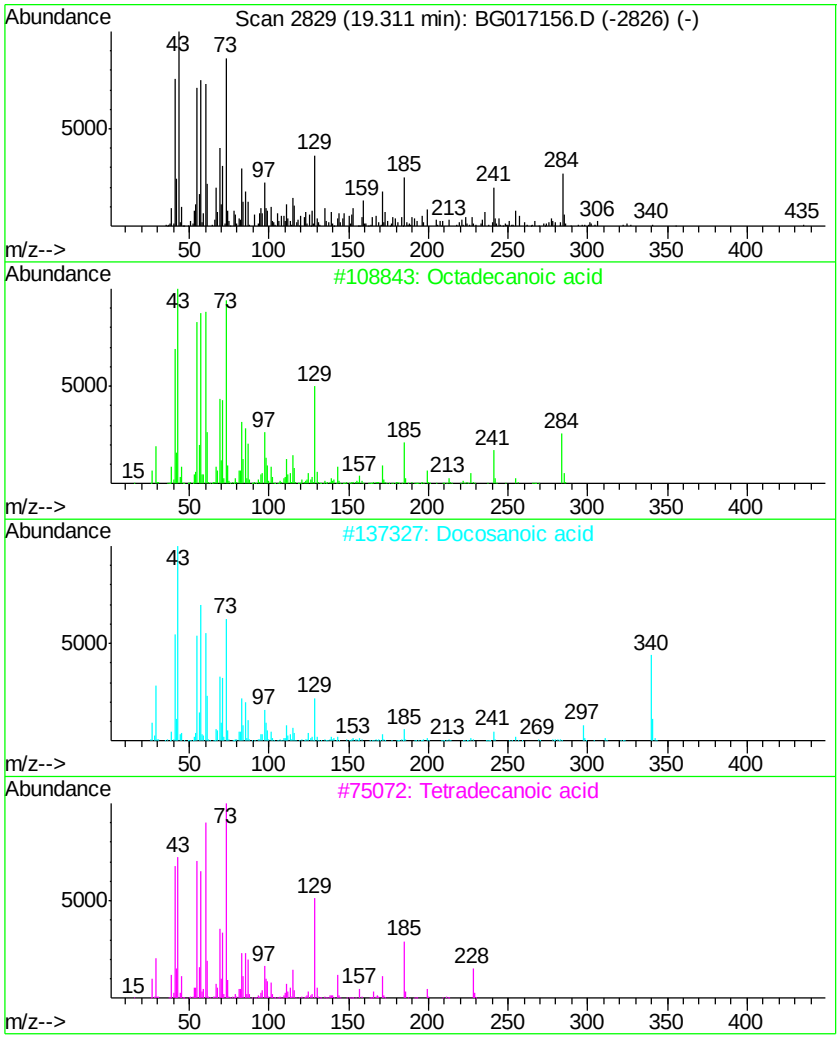
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

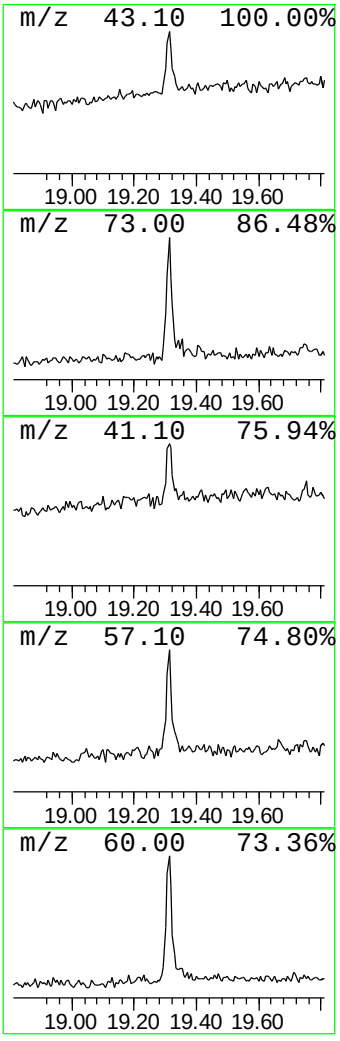
****

Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	6.78 ng	354114	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Docosanoic acid	340	C22H44O2	000112-85-6	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	31.0	ng	650829	1	7.71	419555	20.0
2-Pentanone, 4-hy...	4.82	2.9	ng	60208	1	7.71	419555	20.0
unknown7.25	7.25	79.9	ng	1676180	1	7.71	419555	20.0
Propanoic acid, 2...	12.71	2.2	ng	92157	3	14.36	835561	20.0
n-Hexadecanoic acid	18.03	10.1	ng	508609	4	17.11	1007000	20.0
Octadecanoic acid	19.31	6.8	ng	354114	5	21.30	1044100	20.0