LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017536.D
Acq On : 7 Jun 2015 15:44
Operator : TP/IZ
Sample : G2507-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

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-BG060315.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	2.759	8	12	18	rBV	98837	128966	3.71%	1.036%
2	3.787	180	187	203	rBV	2390163	3474729	100.00%	27.919%
3	4.721	341	346	354	rVB	41048	60756	1.75%	0.488%
4	5.221	423	431	442	rBV	513934	781534	22.49%	6.279%
5	6.137	582	587	599	rBV	39033	67376	1.94%	0.541%
6	6.837	699	706	717	rBV	573606	890540	25.63%	7.155%
7	7.166	755	762	770	rBV	594901	908789	26.15%	7.302%
8	7.624	833	840	848	rVB	93493	144871	4.17%	1.164%
9	7.941	887	894	901	rBV	424270	642489	18.49%	5.162%
10	8.787	1031	1038	1047	rBV	369553	588640	16.94%	4.730%
11	10.415	1309	1315	1326	rVB	114469	191123	5.50%	1.536%
12	12.906	1732	1739	1749	rBV	700418	1009096	29.04%	8.108%
13	13.752	1877	1883	1895	rBV	62812	93181	2.68%	0.749%
14	14.292	1967	1975	1982	rBV2	165316	250270	7.20%	2.011%
15	15.791	2223	2230	2238	rBV	639486	890745	25.63%	7.157%
16	17.042	2438	2443	2449	rBV	197640	277203	7.98%	2.227%
17	17.953	2593	2598	2606	rBV2	44077	66293	1.91%	0.533%
18	19.475	2851	2857	2864	rVB2	26789	43258	1.24%	0.348%
19	19.680	2886	2892	2898	rBV	879429	1098229	31.61%	8.824%
20	20.949	3104	3108	3115	rVB2	86683	107025	3.08%	0.860%
21	21.237	3150	3157	3161	rBV	271434	370630	10.67%	2.978%
22	22.806	3418	3424	3426	rBV6	18036	38512	1.11%	0.309%
23	23.476	3531	3538	3548	rBV2	160926	321571	9.25%	2.584%

Sum of corrected areas: 12445826

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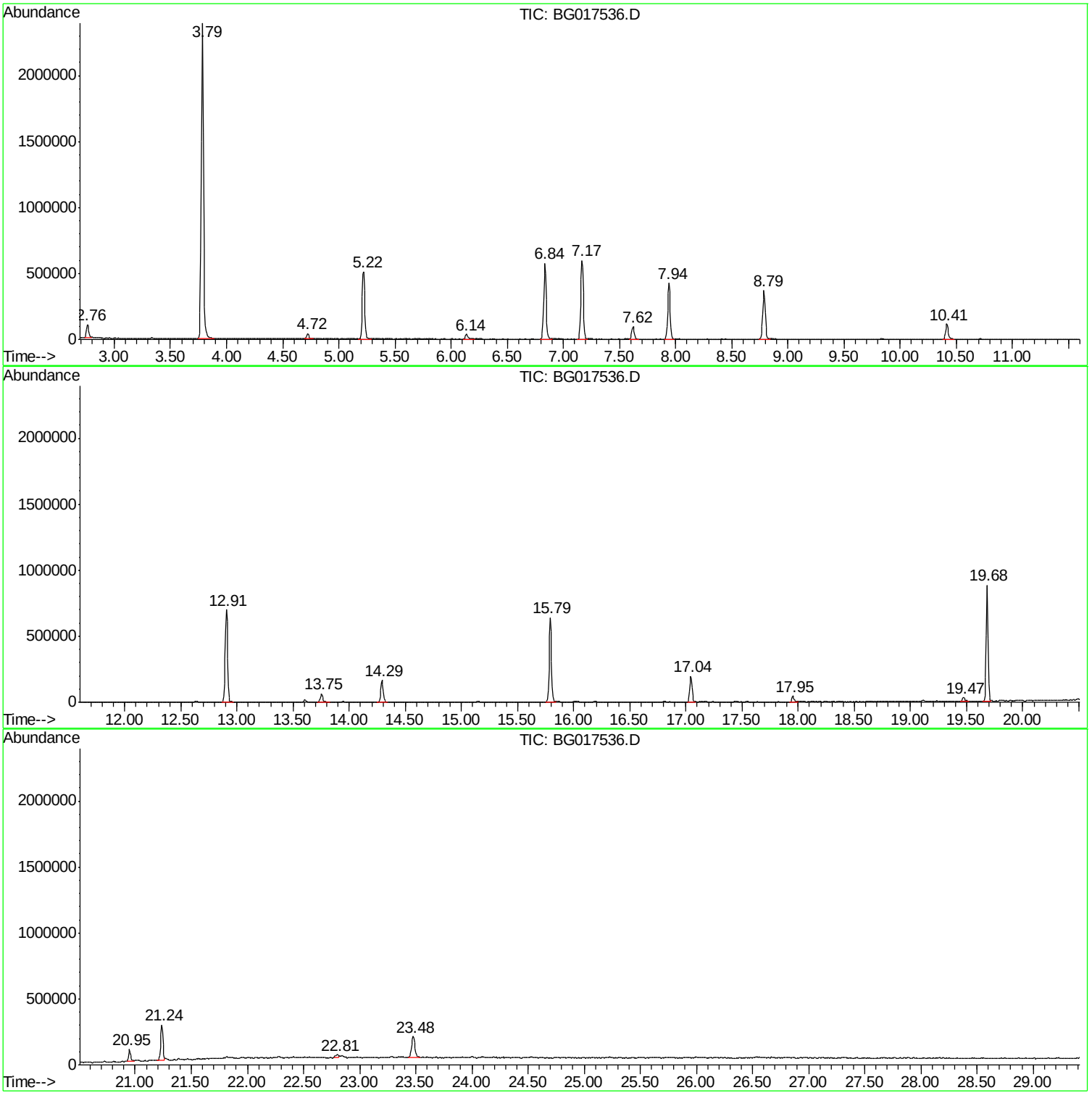
Instrument :
BNA_G
ClientSampleId :
PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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Data File : BG017536.D
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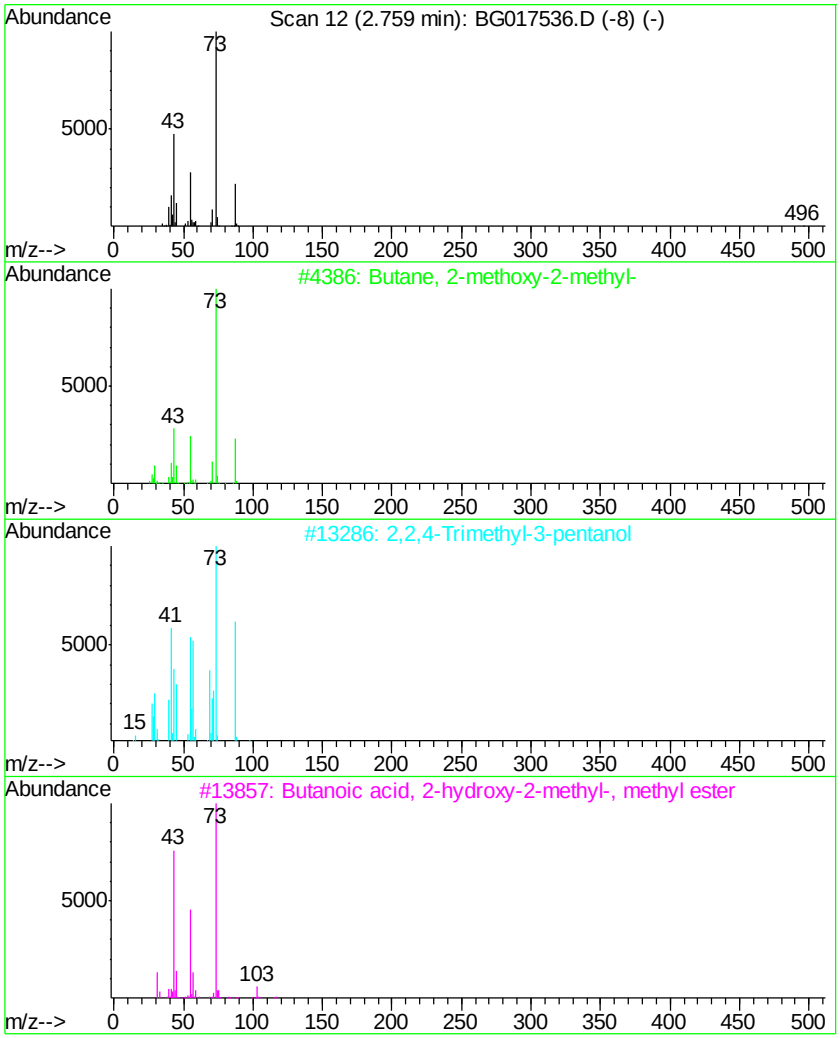
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

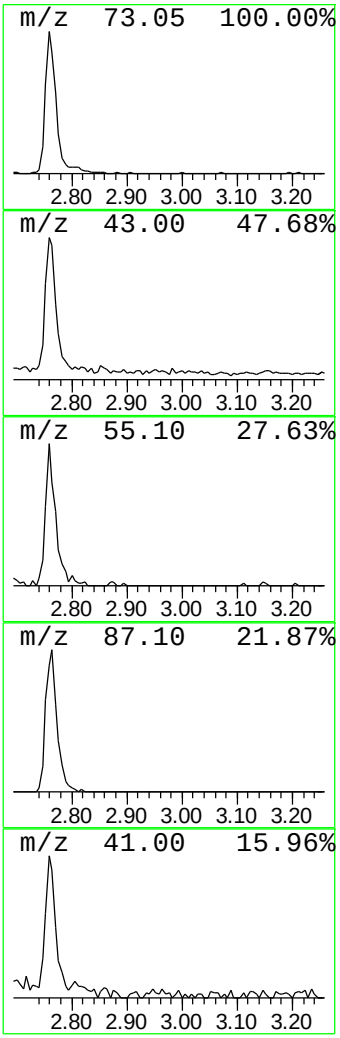
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	17.80 ng	128966	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





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Operator : TP/IZ
Sample : G2507-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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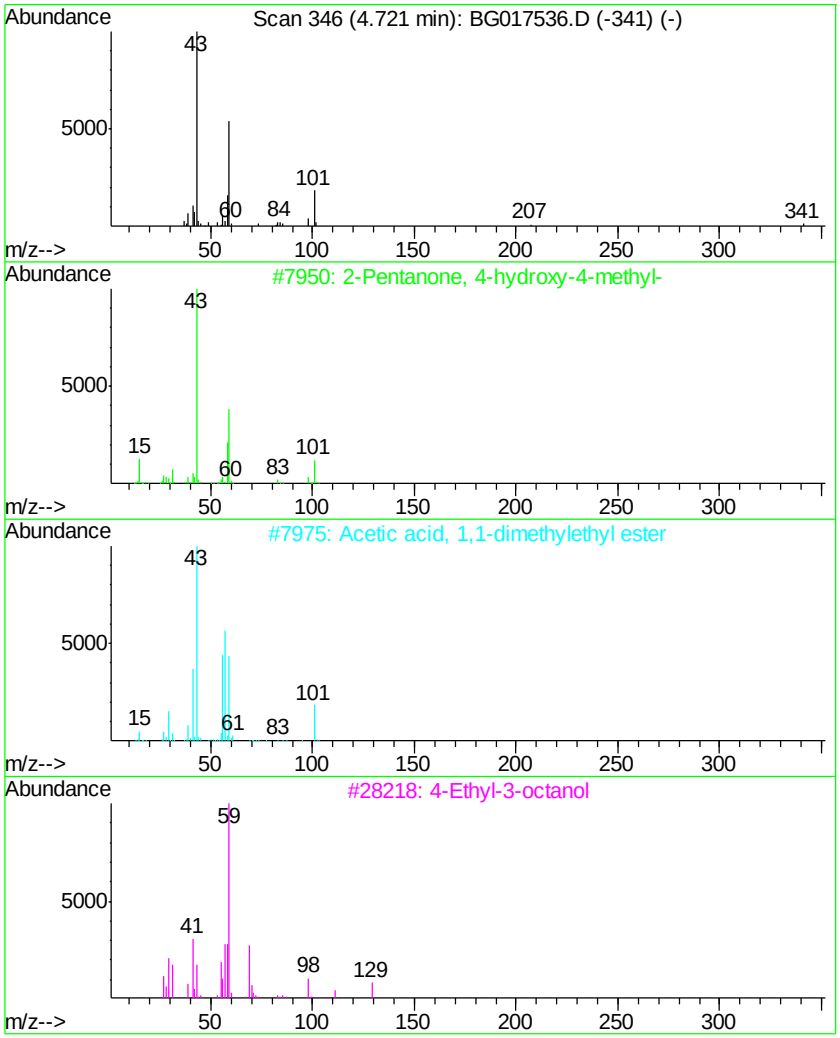
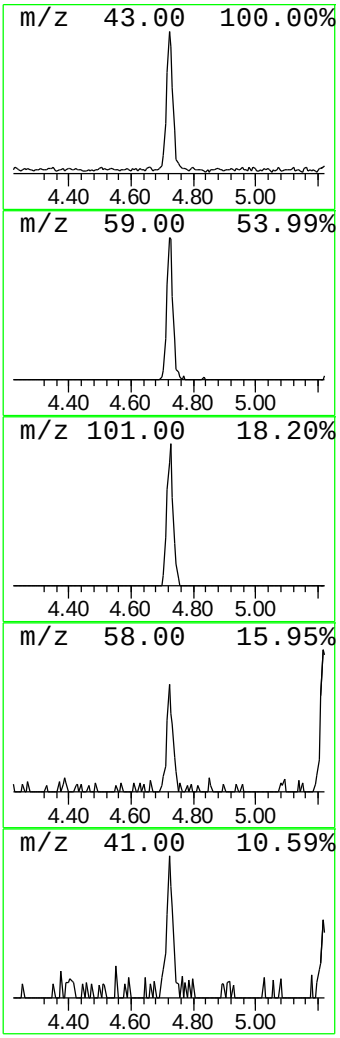
Peak Number 3 unknown4.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	8.39 ng	60756	1,4-Dichlorobenzene-d4	7.62

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-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	25
5	5-Hydroxypentanehydroxylamine, N...	245	C11H19NO5	104556-13-0	10





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Data File : BG017536.D
Acq On : 7 Jun 2015 15:44
Operator : TP/IZ
Sample : G2507-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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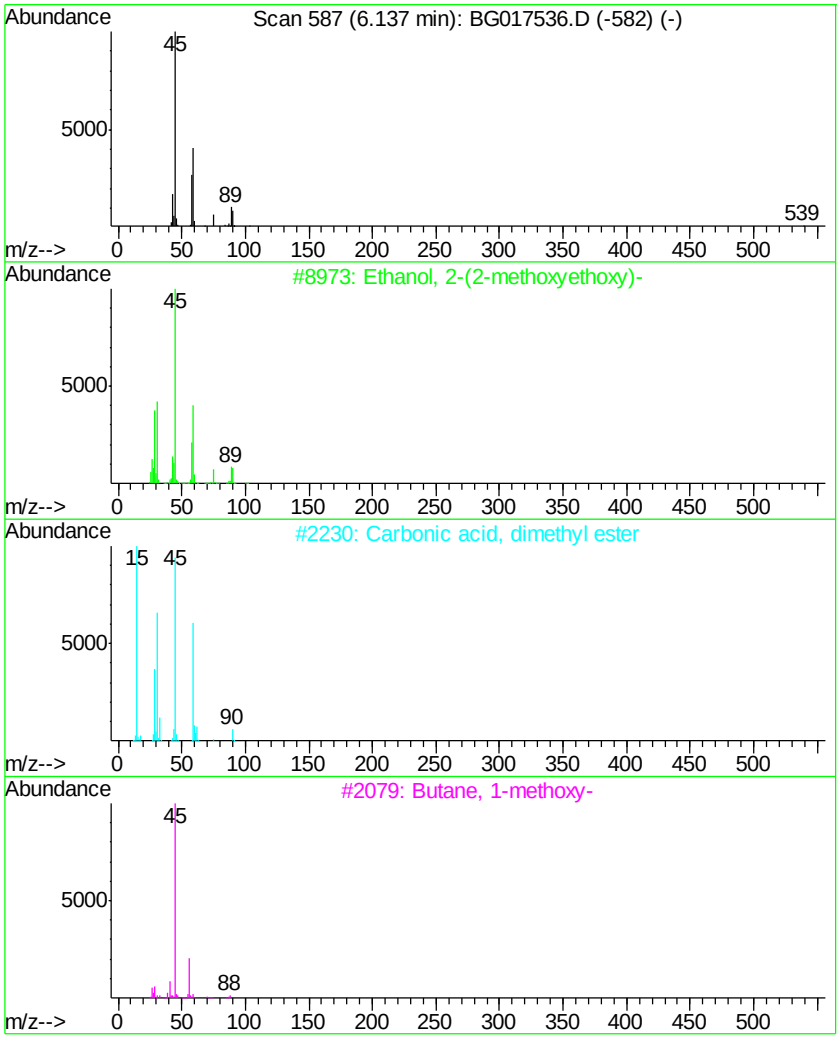
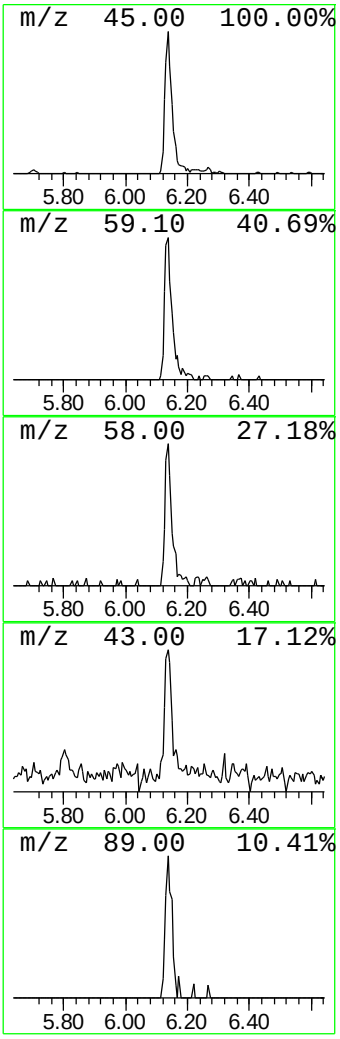
Peak Number 4 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	9.30 ng	67376	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
2	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	9
3	Butane, 1-methoxy-	88	C5H12O	000628-28-4	9
4	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	9
5	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	9





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Sample : G2507-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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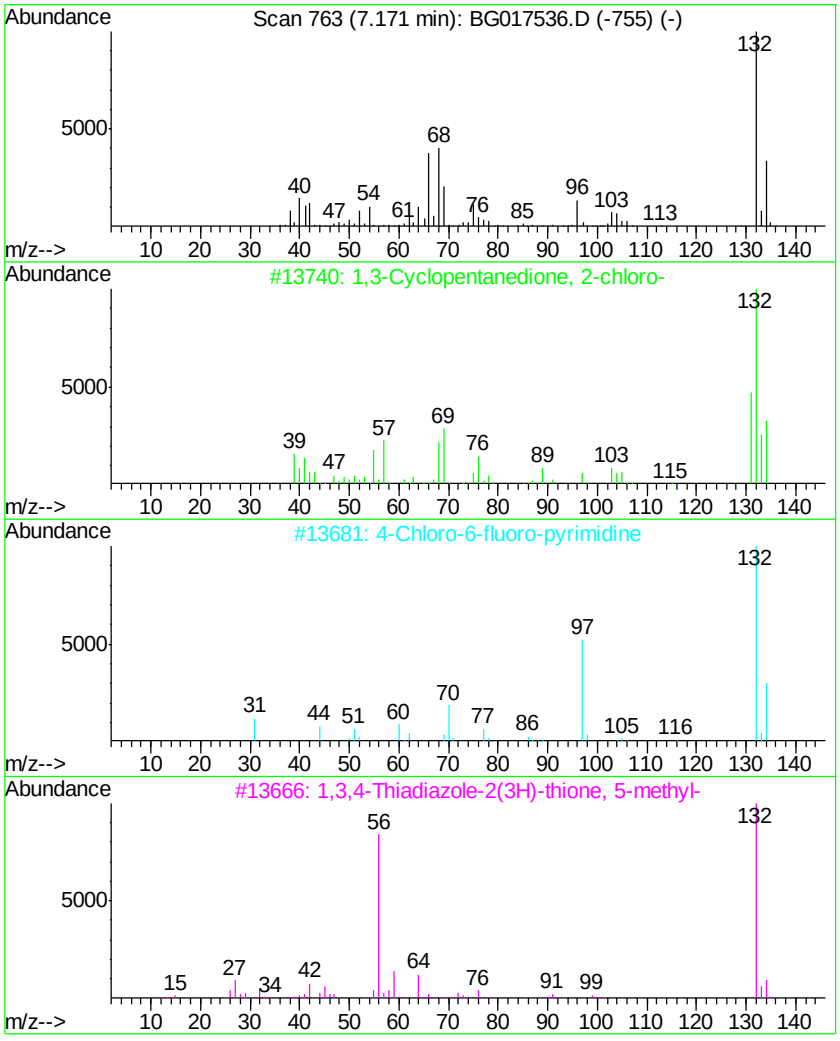
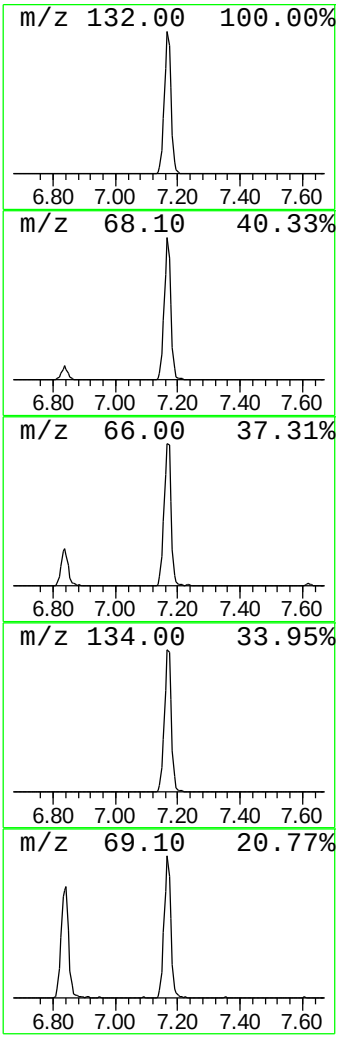
Peak Number 5 unknown7.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	125.46 ng	908789	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





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Sample : G2507-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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TIC Library : C:\DATABASE\NIST02.L
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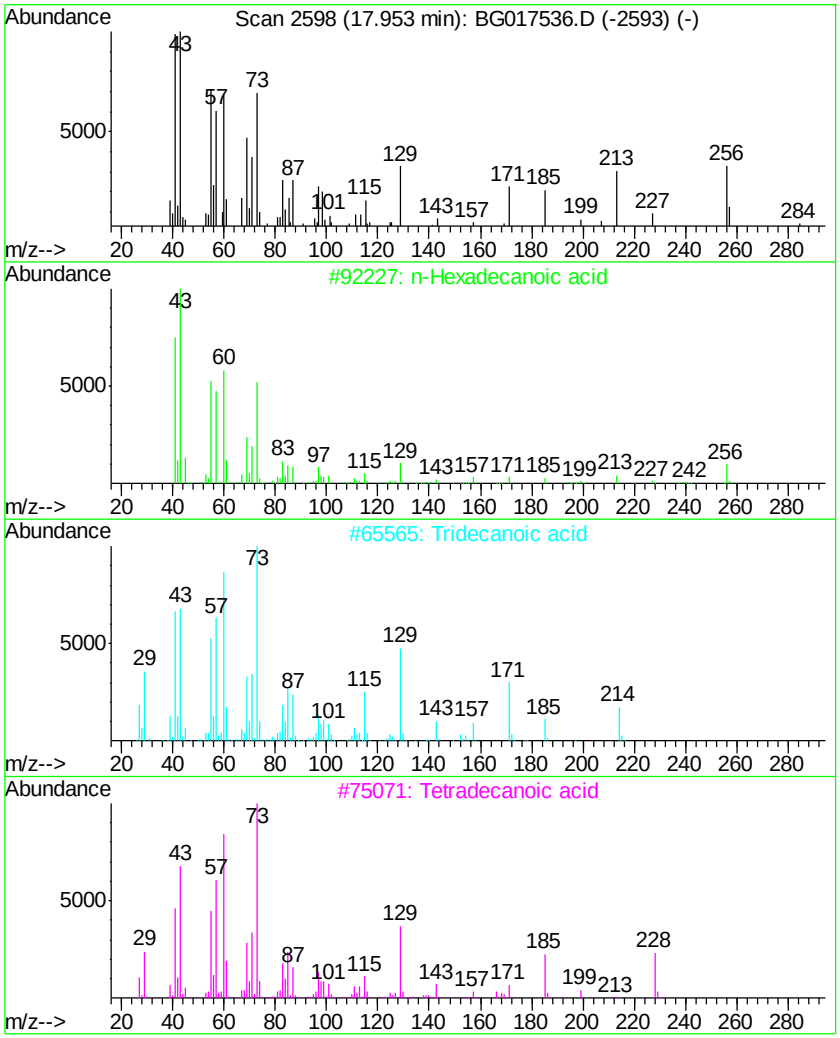
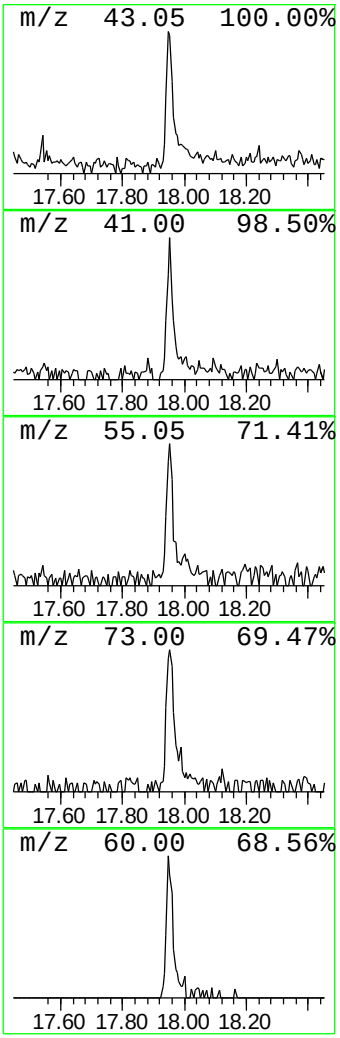
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.78 ng	66293	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Tridecanoic acid	214	C13H26O2	000638-53-9	38
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	30
5	n-Decanoic acid	172	C10H20O2	000334-48-5	27





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Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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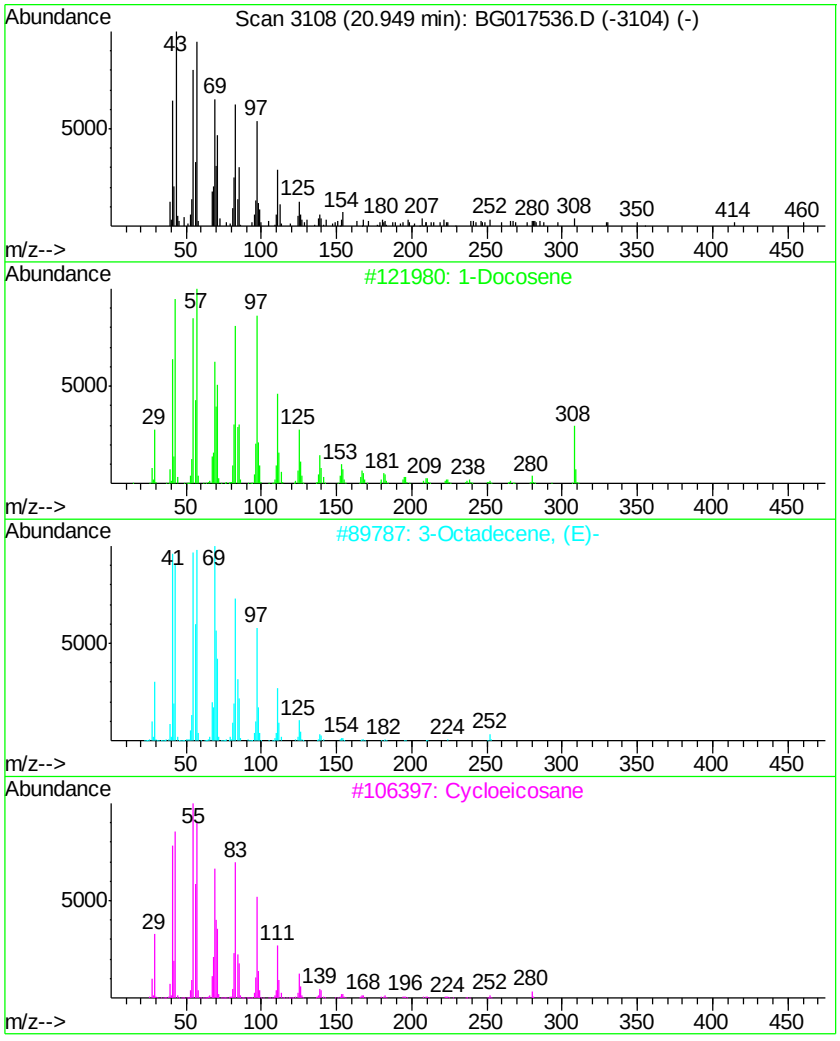
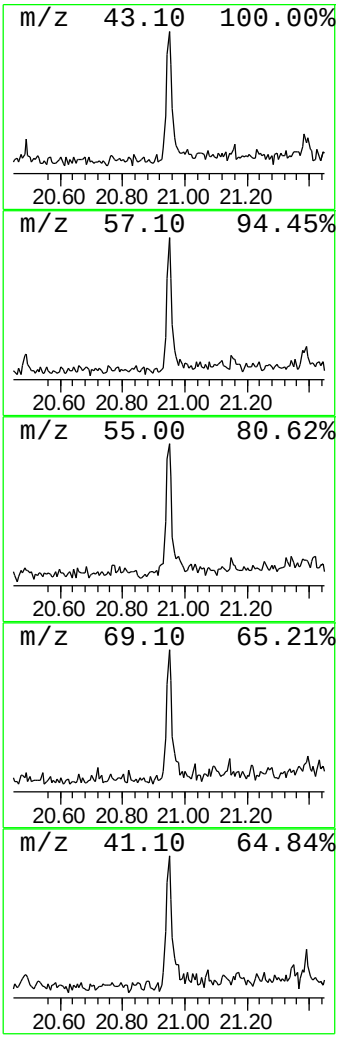
Peak Number 8 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.78 ng	107025	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3	Cycloeicosane	280	C20H40	000296-56-0	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : PIER2-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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...	2.76	17.8	ng	128966	1	7.62	144871	20.0
unknown4.72	4.72	8.4	ng	60756	1	7.62	144871	20.0
Ethanol, 2-(2-met...	6.14	9.3	ng	67376	1	7.62	144871	20.0
unknown7.17	7.17	125.5	ng	908789	1	7.62	144871	20.0
n-Hexadecanoic acid	17.95	4.8	ng	66293	4	17.04	277203	20.0
1-Docosene	20.95	5.8	ng	107025	5	21.24	370630	20.0