LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

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-BG050515.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	2.915	33	38	47	rBV	357094	527310	9.75%	2.049%
2	2.991	47	51	62	rVB	659104	779572	14.41%	3.030%
3	4.912	372	378	384	rBV	44202	70366	1.30%	0.273%
4	5.377	450	457	465	rVB	629769	927197	17.14%	3.603%
5	6.957	718	726	734	rBV	460573	706637	13.06%	2.746%
6	7.321	781	788	797	rVB	1132737	1805441	33.37%	7.017%
7	7.791	861	868	876	rBV	222531	361737	6.69%	1.406%
8	8.109	915	922	930	rBV	915021	1449739	26.80%	5.634%
9	8.949	1055	1065	1072	rBV	905770	1446323	26.74%	5.621%
10	10.582	1336	1343	1349	rBV	321158	535864	9.91%	2.083%
11	13.050	1756	1763	1773	rBV	2179023	3279813	60.63%	12.747%
12	14.395	1987	1992	1994	rBV	162926	201097	3.72%	0.782%
13	14.431	1994	1998	2004	rVB2	541369	806458	14.91%	3.134%
14	15.641	2200	2204	2209	rBV	85822	110625	2.04%	0.430%
15	15.917	2243	2251	2262	rBV	2244445	3279440	60.62%	12.745%
16	16.440	2333	2340	2345	rBV	69389	103985	1.92%	0.404%
17	17.174	2457	2465	2472	rBV2	729394	1076312	19.90%	4.183%
18	18.068	2613	2617	2624	rBV2	101356	150376	2.78%	0.584%
19	19.348	2831	2835	2844	rBV2	84228	118087	2.18%	0.459%
20	19.613	2876	2880	2890	rVB	83179	111714	2.07%	0.434%
21	19.801	2906	2912	2923	rBV	4311031	5409783	100.00%	21.025%
22	20.582	3041	3045	3054	rBV	184852	231344	4.28%	0.899%
23	21.346	3170	3175	3181	rBV	917823	1102592	20.38%	4.285%
24	22.398	3350	3354	3362	rVB9	26441	67481	1.25%	0.262%
25	23.643	3558	3566	3573	rBV2	545264	1071391	19.80%	4.164%

Sum of corrected areas: 25730684

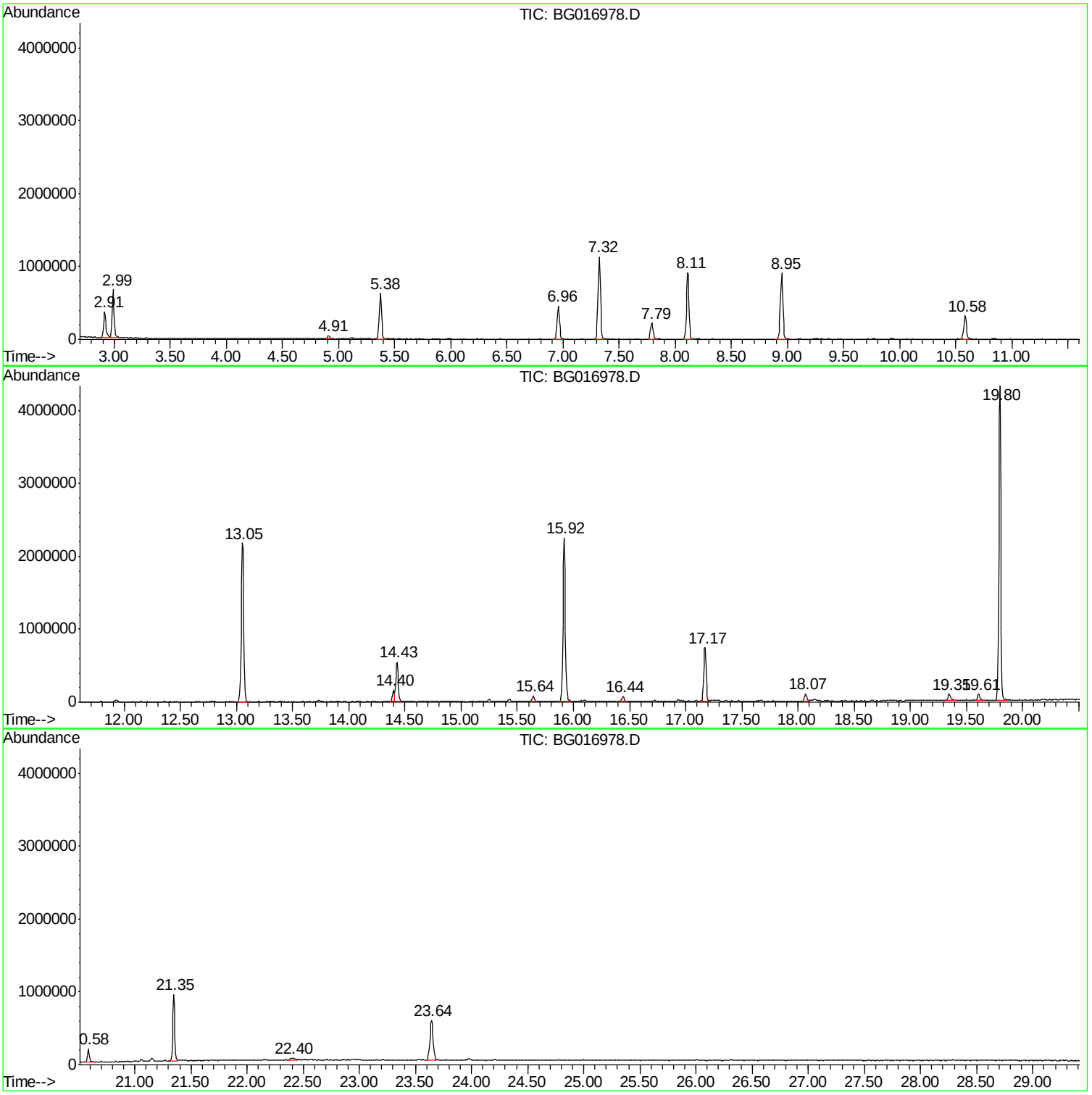
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

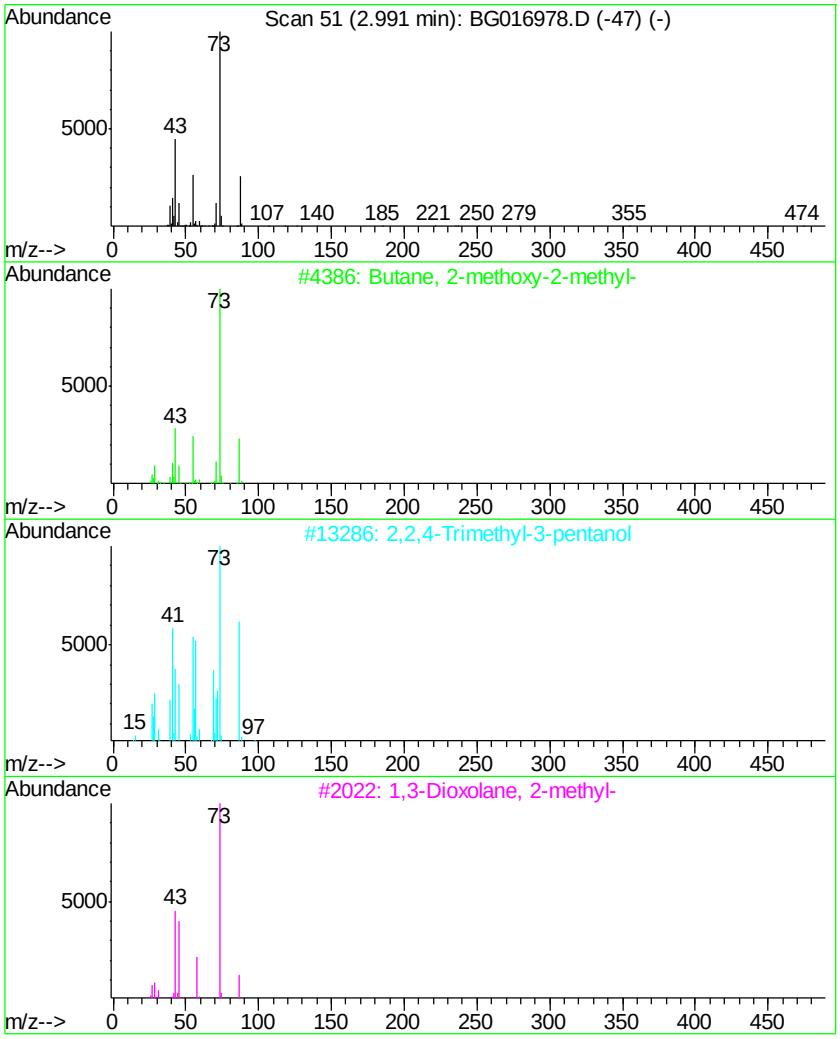
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

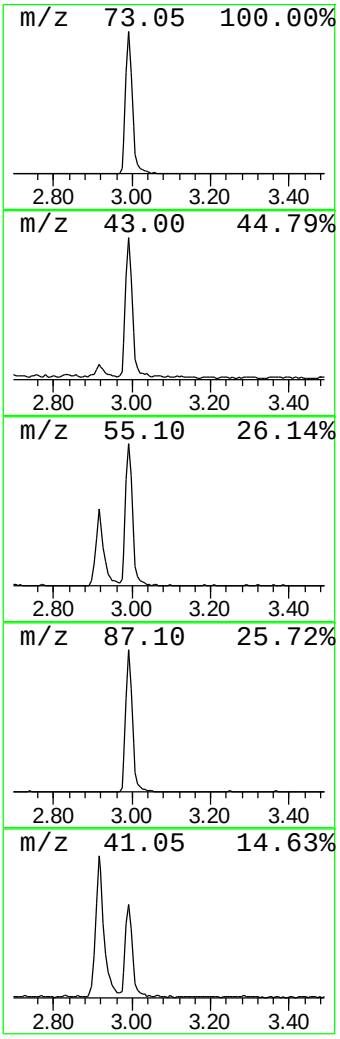
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	43.10 ng	779572	1,4-Dichlorobenzene-d4	7.79

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	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

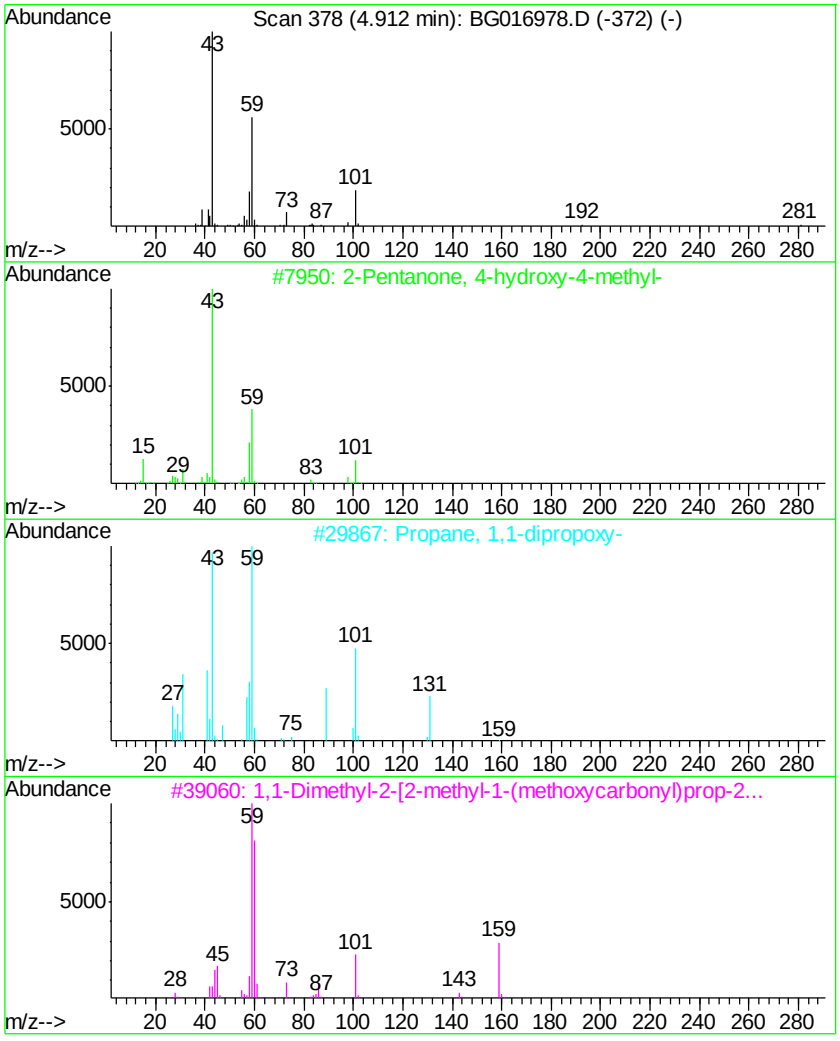
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

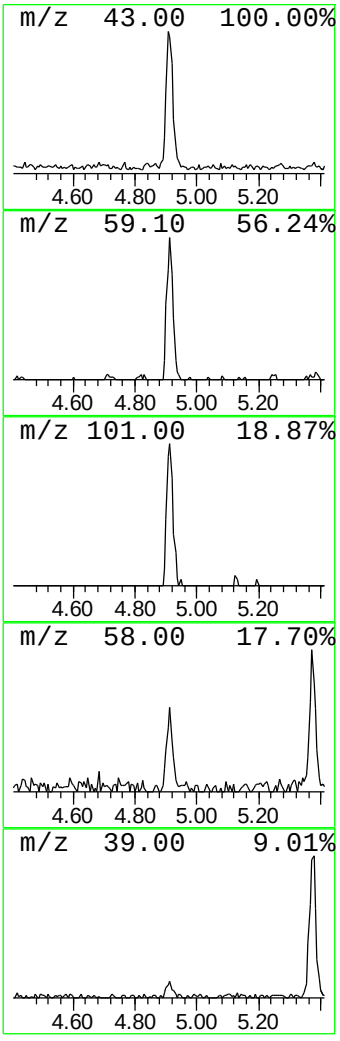
****

Peak Number 3 unknown4.91 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.89 ng	70366	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
3	1,1-Dimethyl-2-[2-methyl-1-(meth...	174	C8H18N2O2	097812-29-8	33
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	32
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

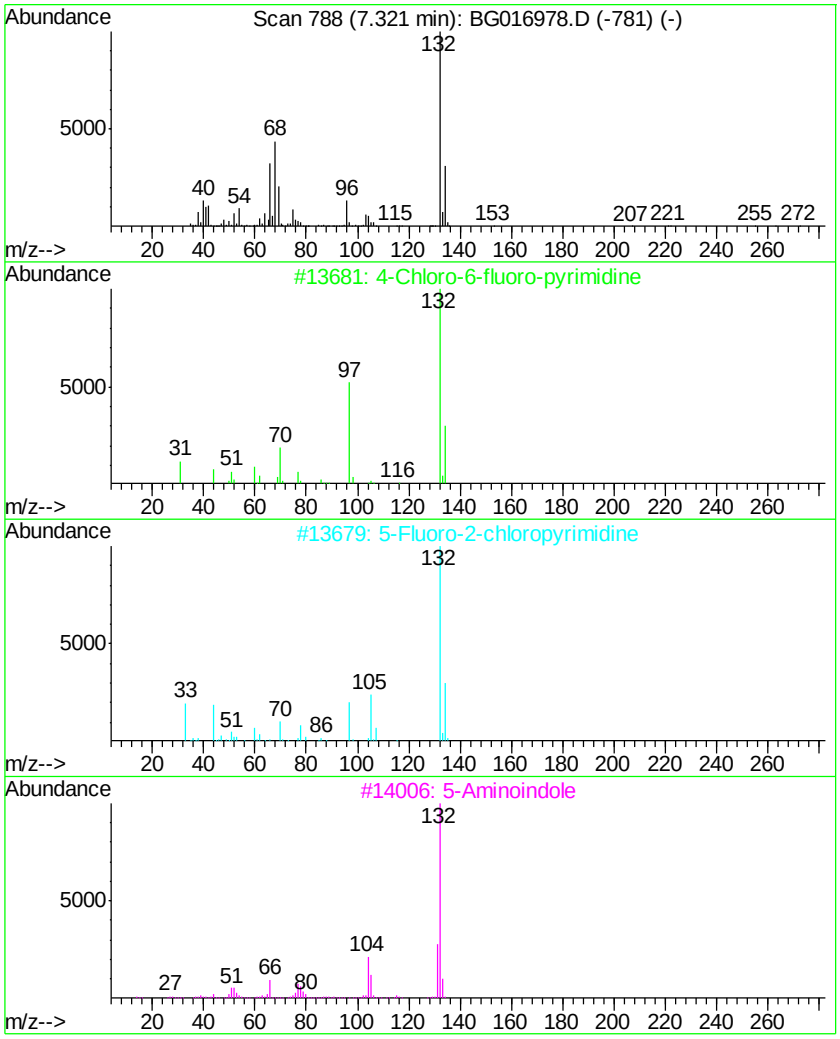
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

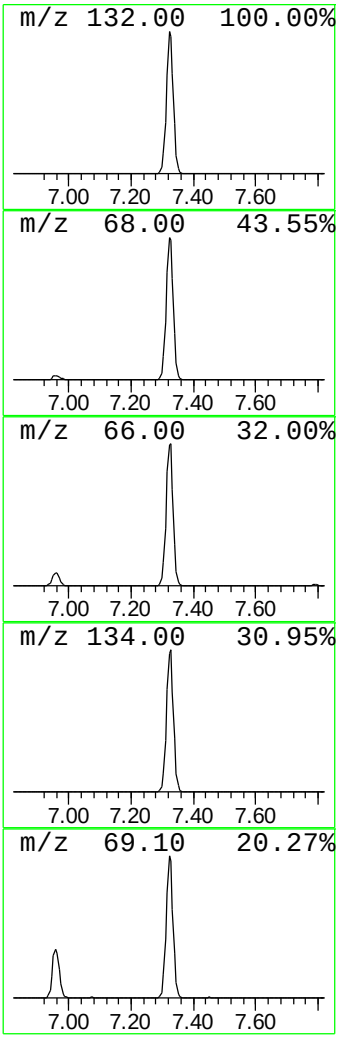
****

Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	99.82 ng	1805440	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

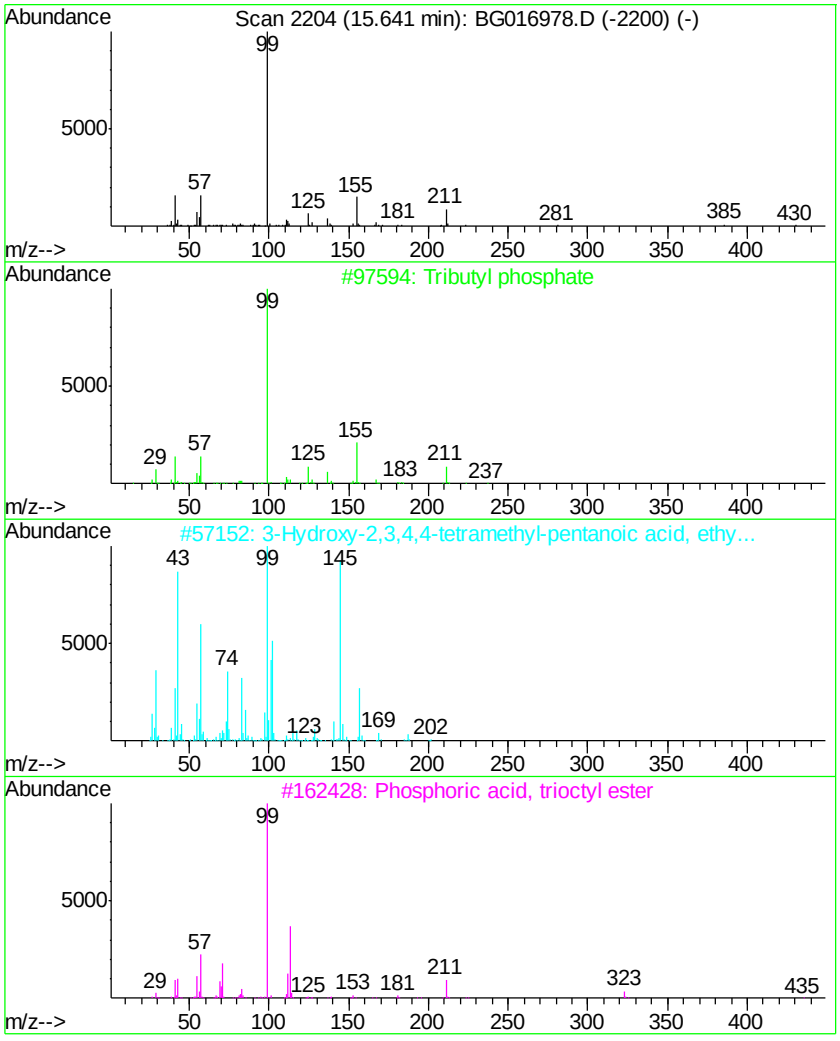
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

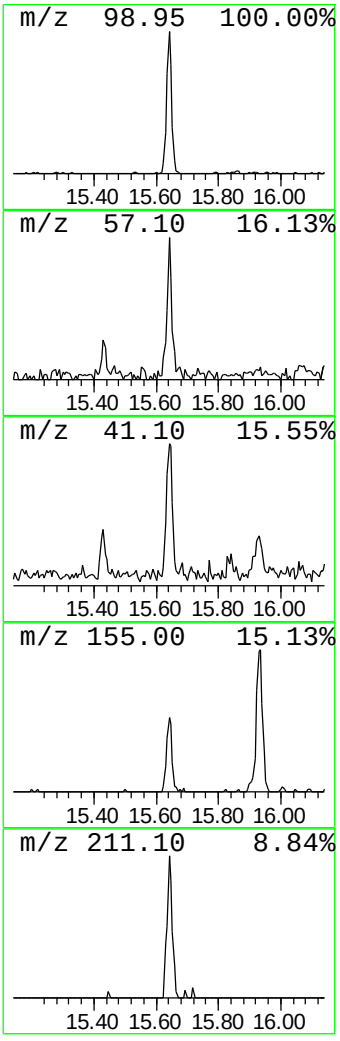
****

Peak Number 6 Tributyl phosphate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.74 ng	110625	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
2	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	28
3	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	17
4	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	9
5	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016978.D
Acq On : 9 May 2015 5:54
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Sample : G2059-01
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Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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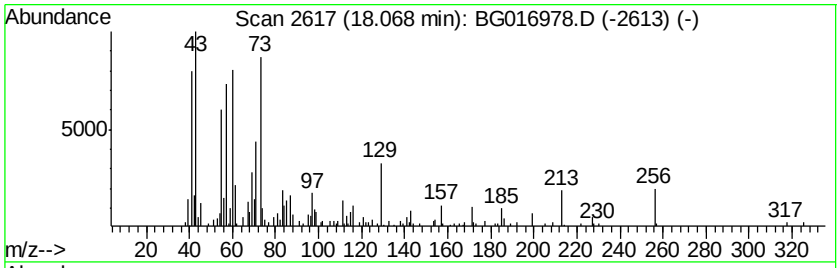
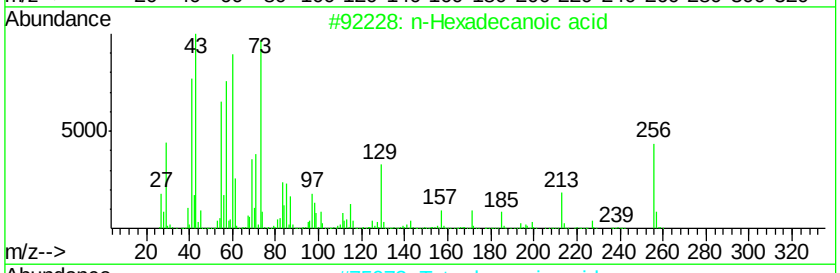
****

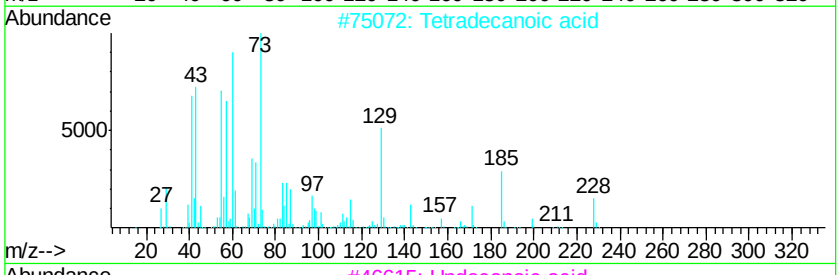
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

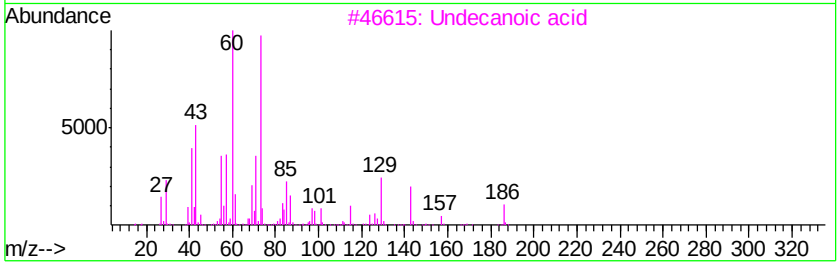
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.79 ng	150376	Phenanthrene-d10	17.17

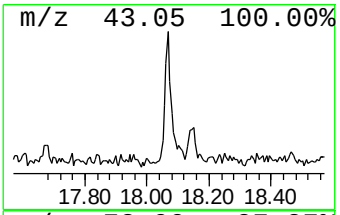
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59

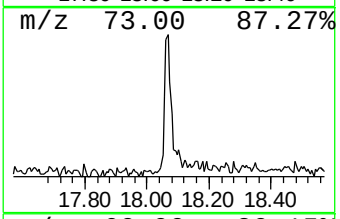


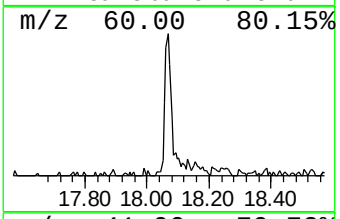


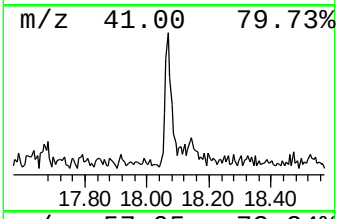


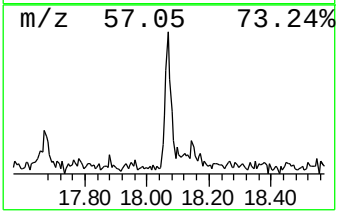












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
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Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

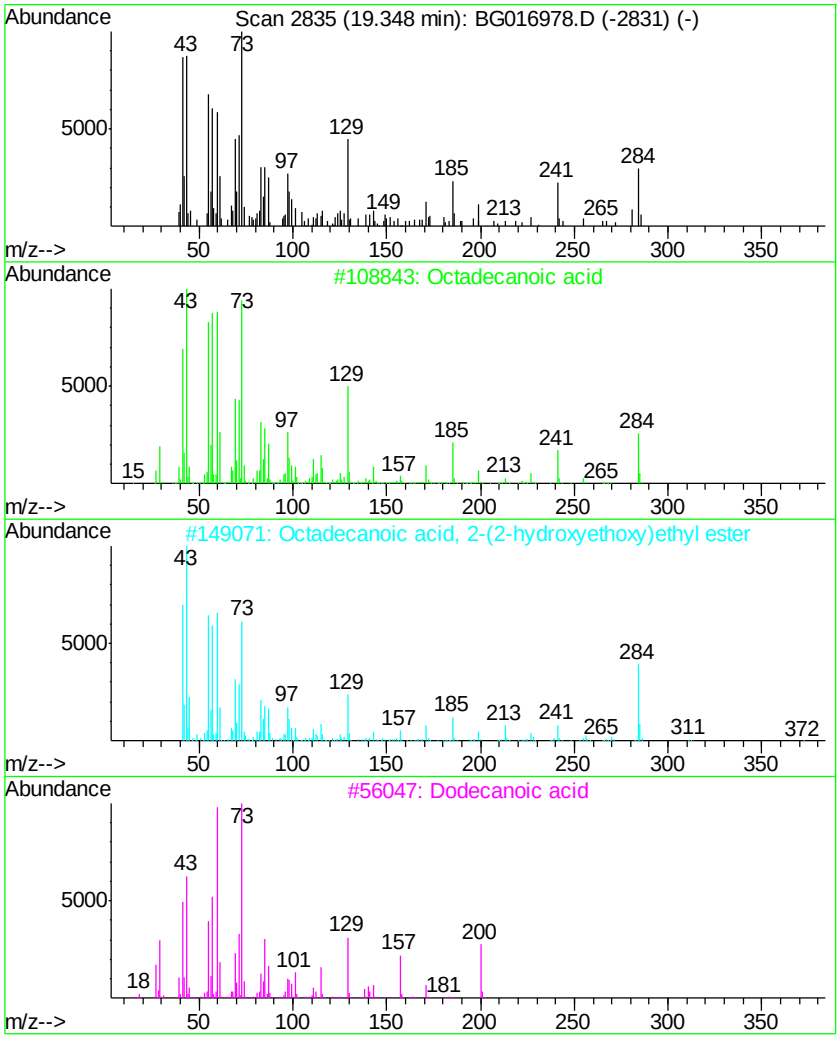
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

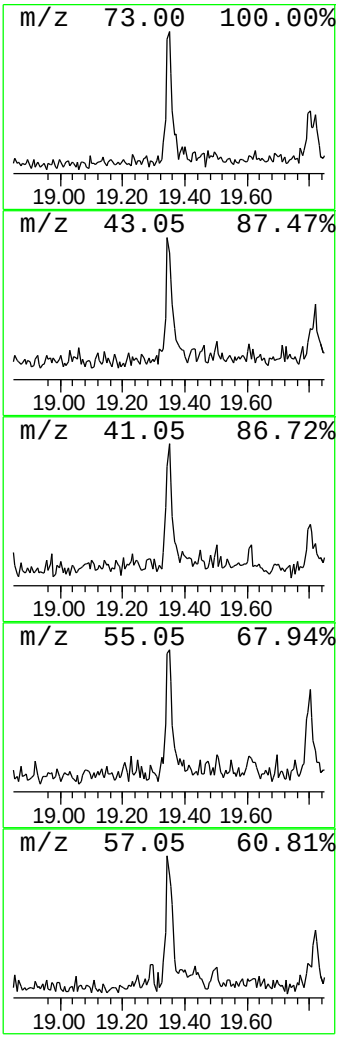
****

Peak Number 8 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.14 ng	118087	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	42





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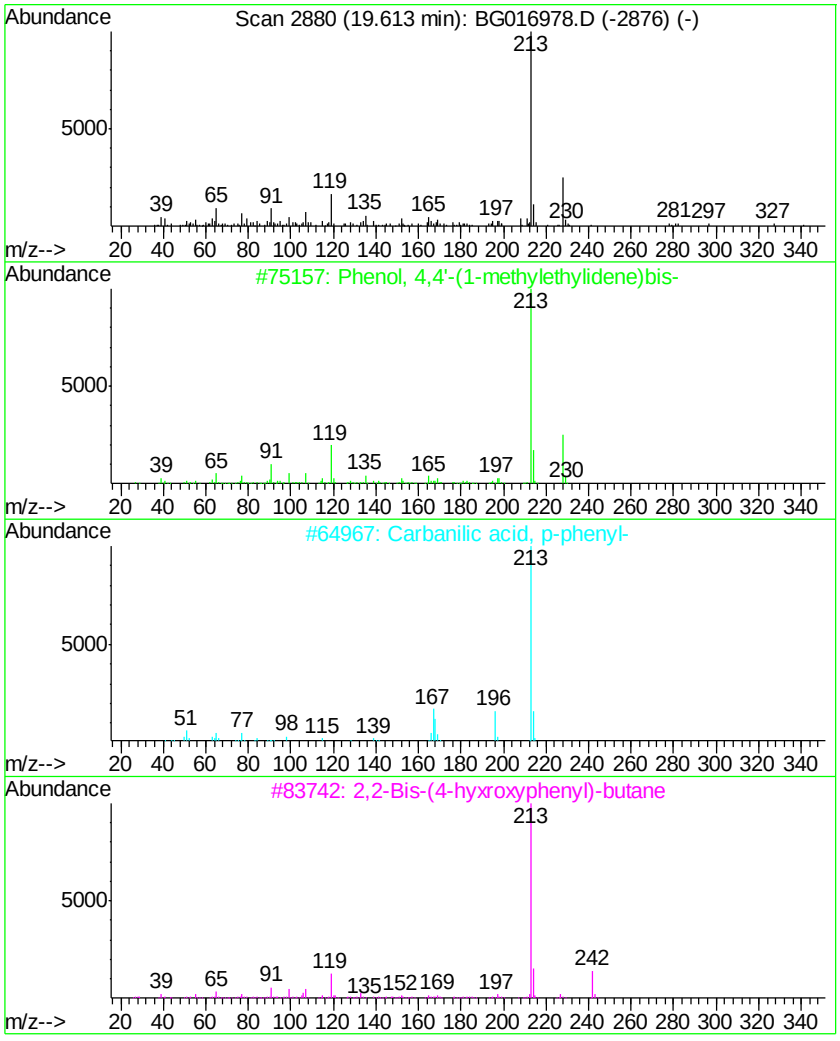
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

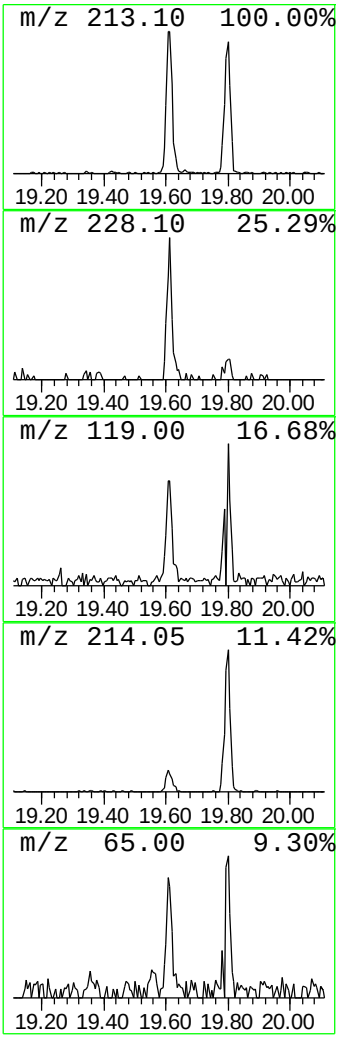
****

Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.03 ng	111714	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	53
4	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	50
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50





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Data File : BG016978.D
Acq On : 9 May 2015 5:54
Operator : TP/IZ
Sample : G2059-01
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Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

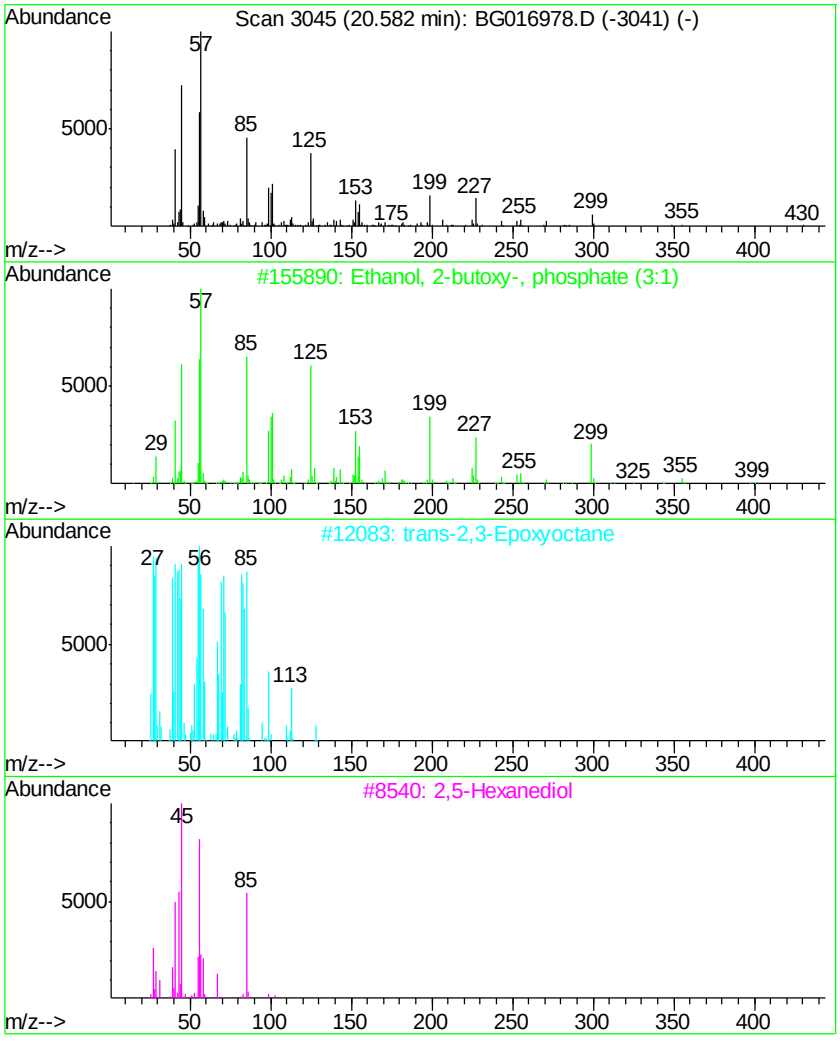
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

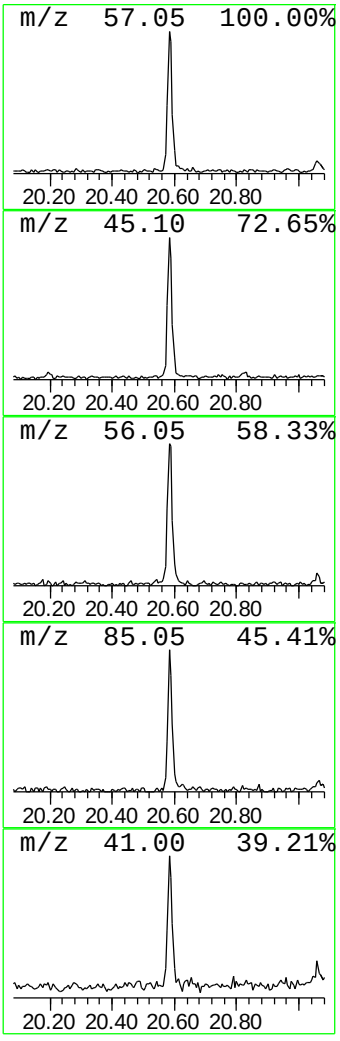
****

Peak Number 10 Ethanol, 2-butoxy-, phospha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	4.20 ng	231344	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
3	2,5-Hexanediol	118	C6H14O2	002935-44-6	37
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	14
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	12





Tentatively Identified Compound (LSC) summary

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Data File : BG016978.D
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Operator : TP/IZ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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...	2.99	43.1	ng	779572	1	7.79	361737	20.0
unknown4.91	4.91	3.9	ng	70366	1	7.79	361737	20.0
unknown7.32	7.32	99.8	ng	1805440	1	7.79	361737	20.0
Tributyl phosphate	15.64	2.7	ng	110625	3	14.43	806458	20.0
n-Hexadecanoic acid	18.07	2.8	ng	150376	4	17.17	1076310	20.0
Octadecanoic acid	19.35	2.1	ng	118087	5	21.35	1102590	20.0
Phenol, 4,4'-(1-m...	19.61	2.0	ng	111714	5	21.35	1102590	20.0
Ethanol, 2-butoxy...	20.58	4.2	ng	231344	5	21.35	1102590	20.0