LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015866.D
Acq On : 9 Jan 2015 12:36
Operator : TP/IZ
Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

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-BG010515.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	2.753	5	11	26	rBV	1819731	3040985	100.00%	22.409%
2	2.882	29	33	42	rVV4	28956	67988	2.24%	0.501%
3	2.965	42	47	60	rVB	160179	267818	8.81%	1.974%
4	4.862	365	370	375	rBV	108916	146948	4.83%	1.083%
5	5.326	443	449	457	rBV	449545	652530	21.46%	4.808%
6	6.907	712	718	729	rBV	460921	706046	23.22%	5.203%
7	7.265	771	779	787	rBV	459219	717055	23.58%	5.284%
8	7.730	851	858	864	rBV	119328	181156	5.96%	1.335%
9	8.047	904	912	918	rBV	361921	564422	18.56%	4.159%
10	8.881	1047	1054	1061	rBV	273345	455792	14.99%	3.359%
11	10.515	1324	1332	1338	rBV	127843	220128	7.24%	1.622%
12	12.982	1746	1752	1761	rBV	675683	1006146	33.09%	7.414%
13	13.822	1890	1895	1901	rVB2	37741	48105	1.58%	0.354%
14	14.363	1980	1987	1993	rBV	207496	303156	9.97%	2.234%
15	15.726	2215	2219	2226	rVB	81919	112154	3.69%	0.826%
16	15.855	2235	2241	2247	rBV	755144	1048310	34.47%	7.725%
17	17.113	2449	2455	2460	rBV	301810	415753	13.67%	3.064%
18	18.012	2602	2608	2617	rBV4	41880	66936	2.20%	0.493%
19	19.739	2896	2902	2911	rBV	1732697	2149815	70.69%	15.842%
20	21.008	3113	3118	3130	rBV3	82048	193706	6.37%	1.427%
21	21.296	3161	3167	3176	rBV	463668	635176	20.89%	4.681%
22	23.558	3545	3552	3562	rBV	293434	570311	18.75%	4.203%

Sum of corrected areas: 13570436

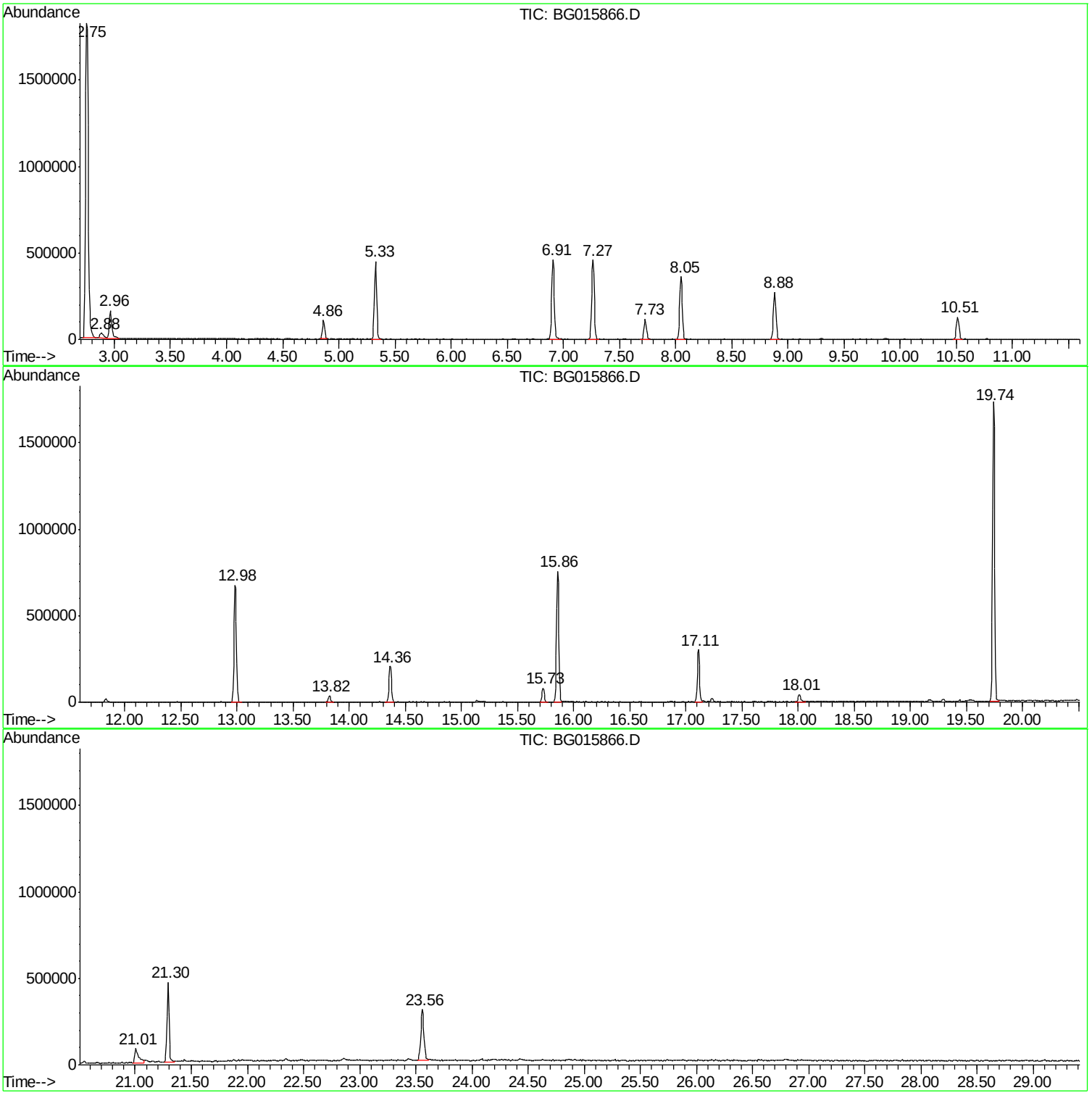
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015866.D
Acq On : 9 Jan 2015 12:36
Operator : TP/IZ
Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015866.D
Acq On : 9 Jan 2015 12:36
Operator : TP/IZ
Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

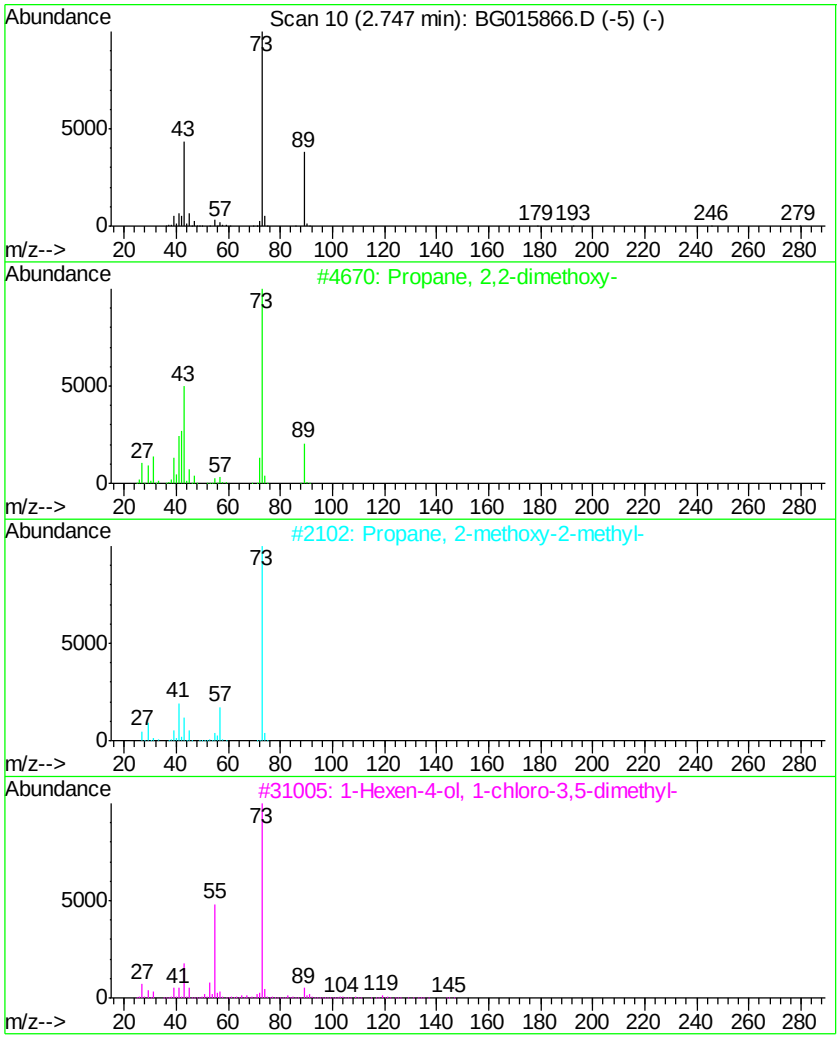
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

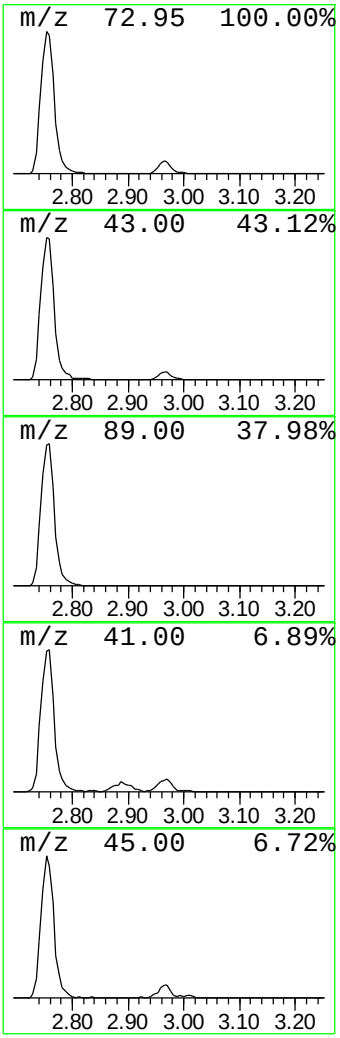
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	335.73 ng	3040990	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

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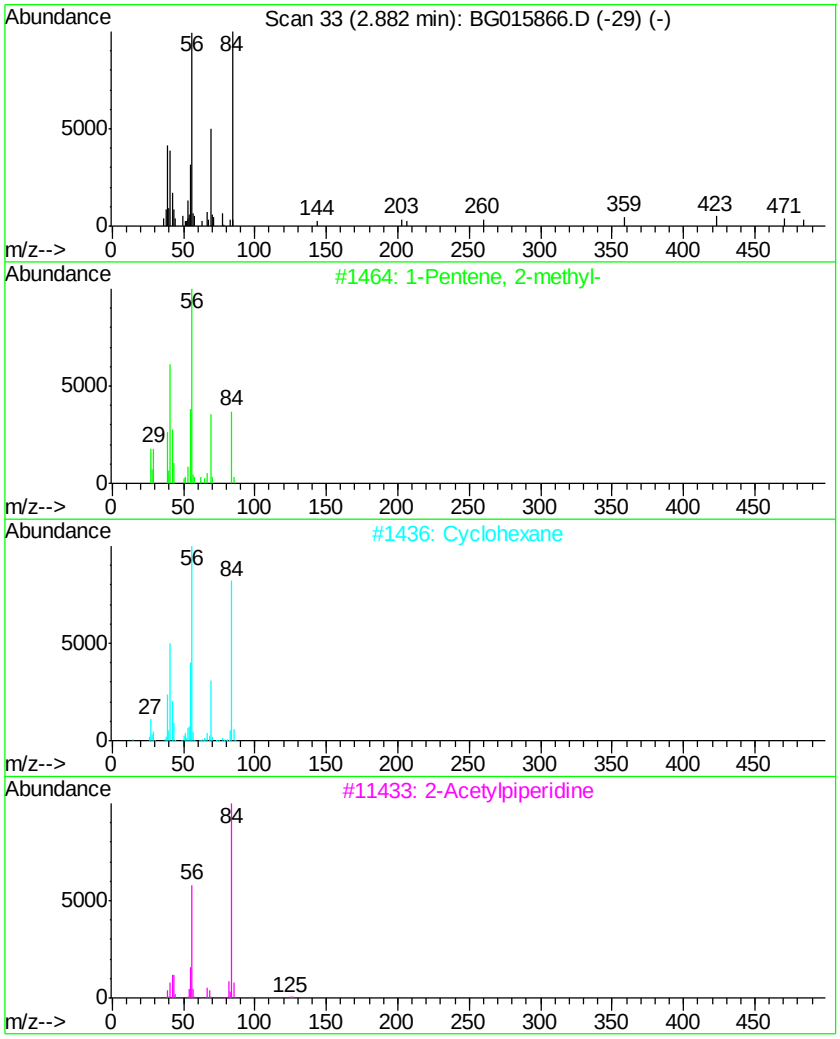
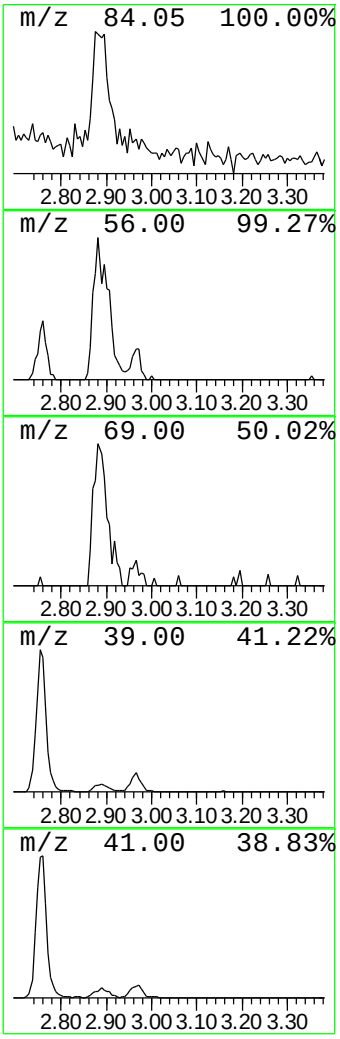
****

Peak Number 2 1-Pentene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	7.51 ng	67988	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	58
2	Cyclohexane	84	C6H12	000110-82-7	53
3	2-Acetylpiperidine	127	C7H13NO	097073-22-8	53
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	42
5	Iron pentacarbonyl	196	C5FeO5	013463-40-6	40





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Data File : BG015866.D
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Operator : TP/IZ
Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
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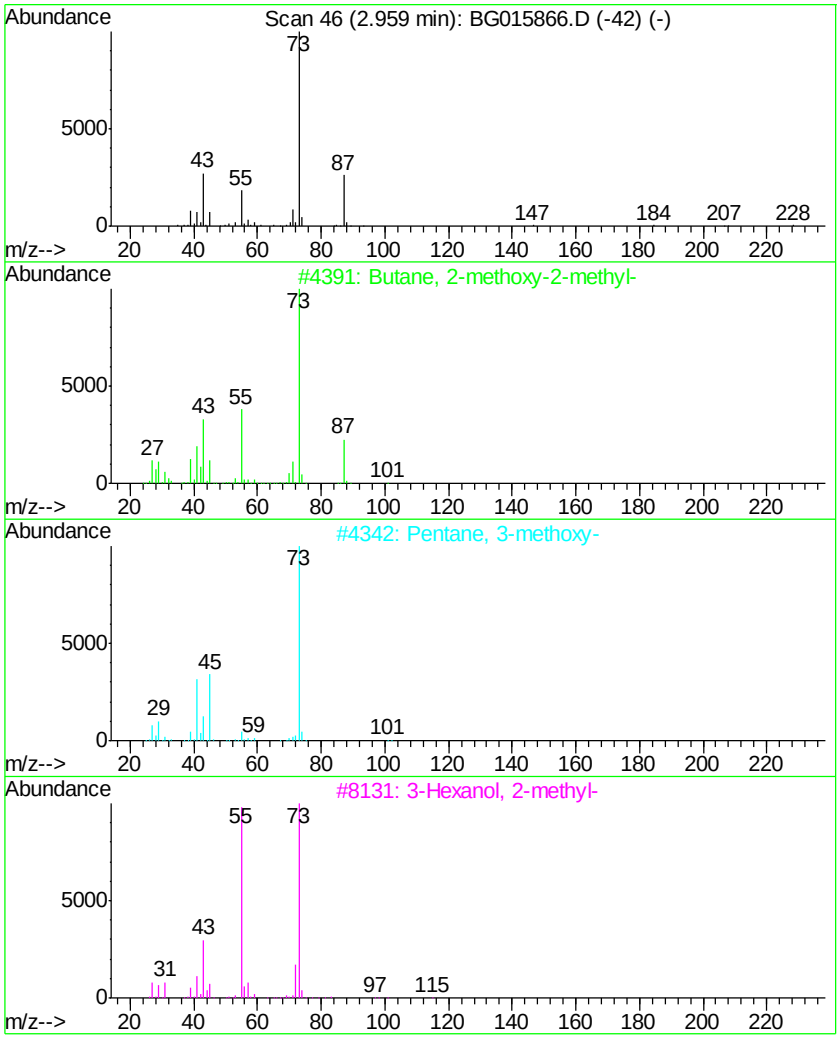
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

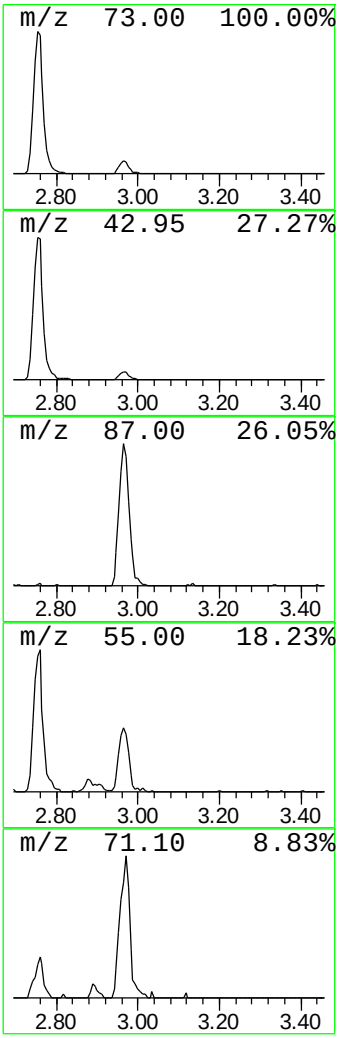
****

Peak Number 3 unknown2.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	29.57 ng	267818	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9





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Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
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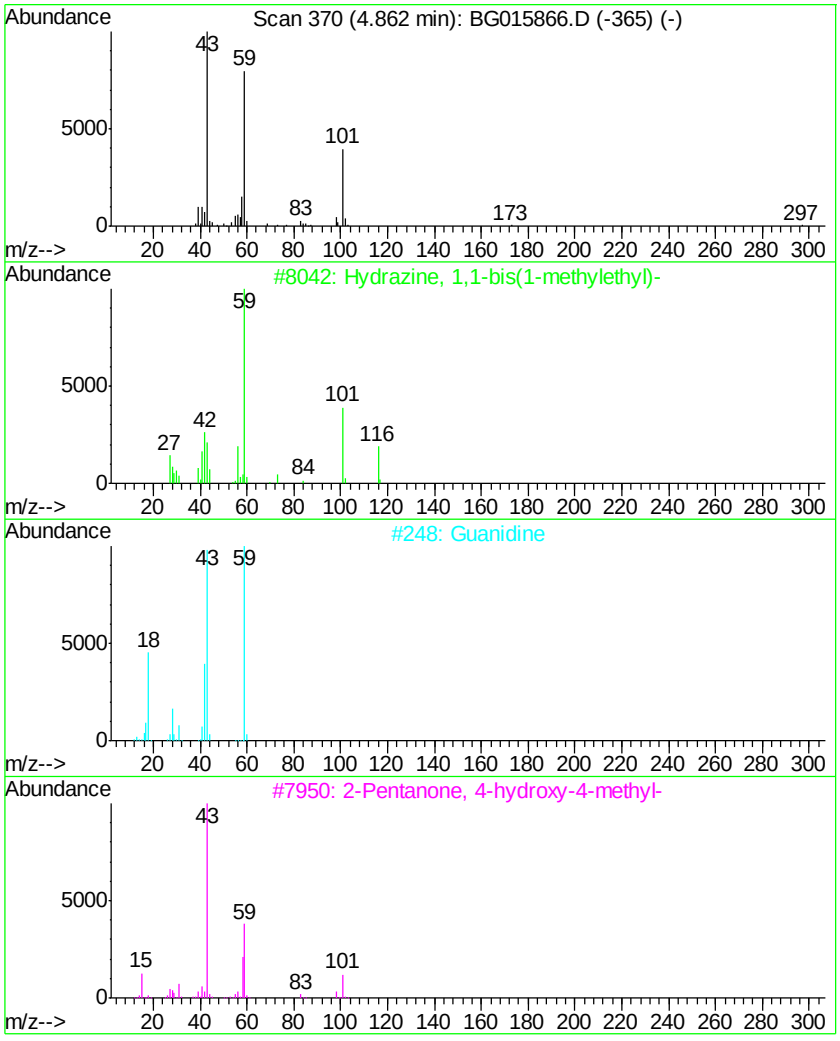
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

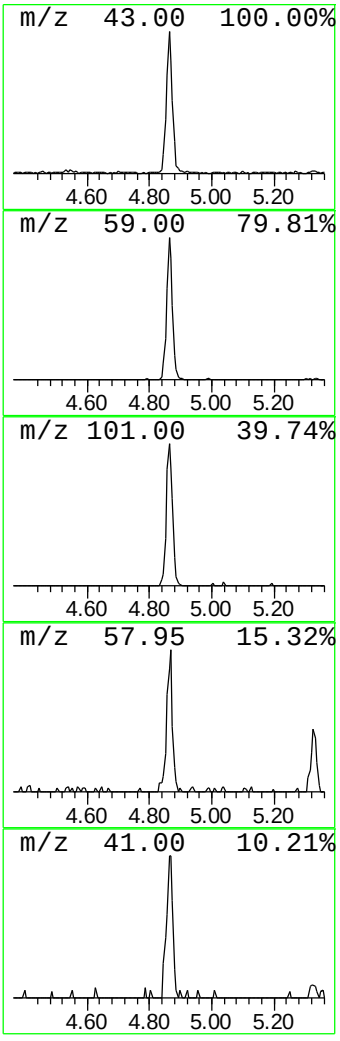
****

Peak Number 4 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	16.22 ng	146948	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	59
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	Butanoic acid, 4-(2,4,5-trichlor...	296	C11H11Cl3O3	025333-21-5	38
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
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Sample : G1030-11
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
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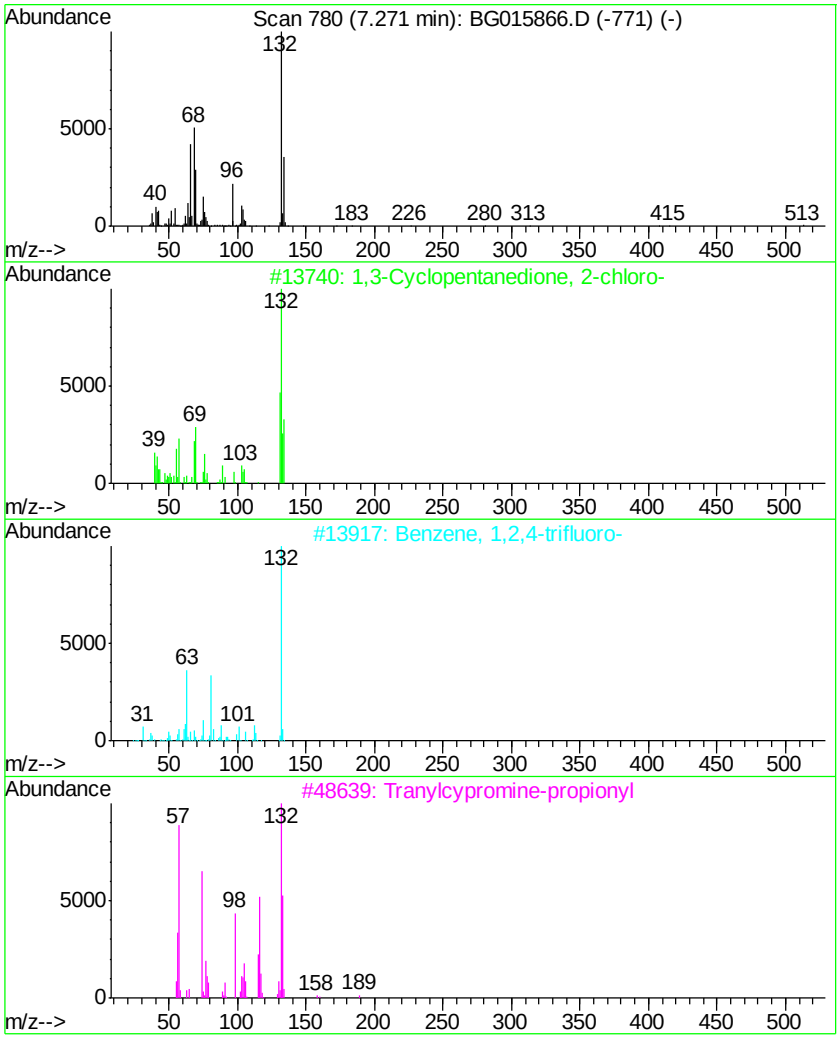
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

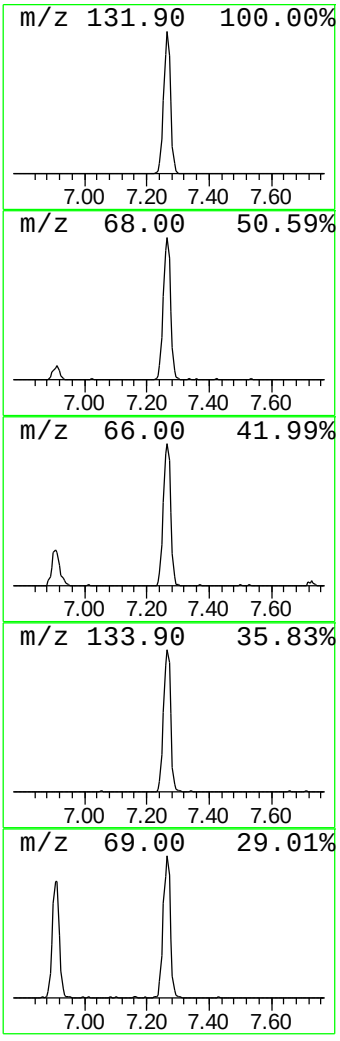
****

Peak Number 5 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	79.16 ng	717055	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1,4-Dithiacyclohept-2-ene	132	C5H8S2	070063-50-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015866.D
Acq On : 9 Jan 2015 12:36
Operator : TP/IZ
Sample : G1030-11
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

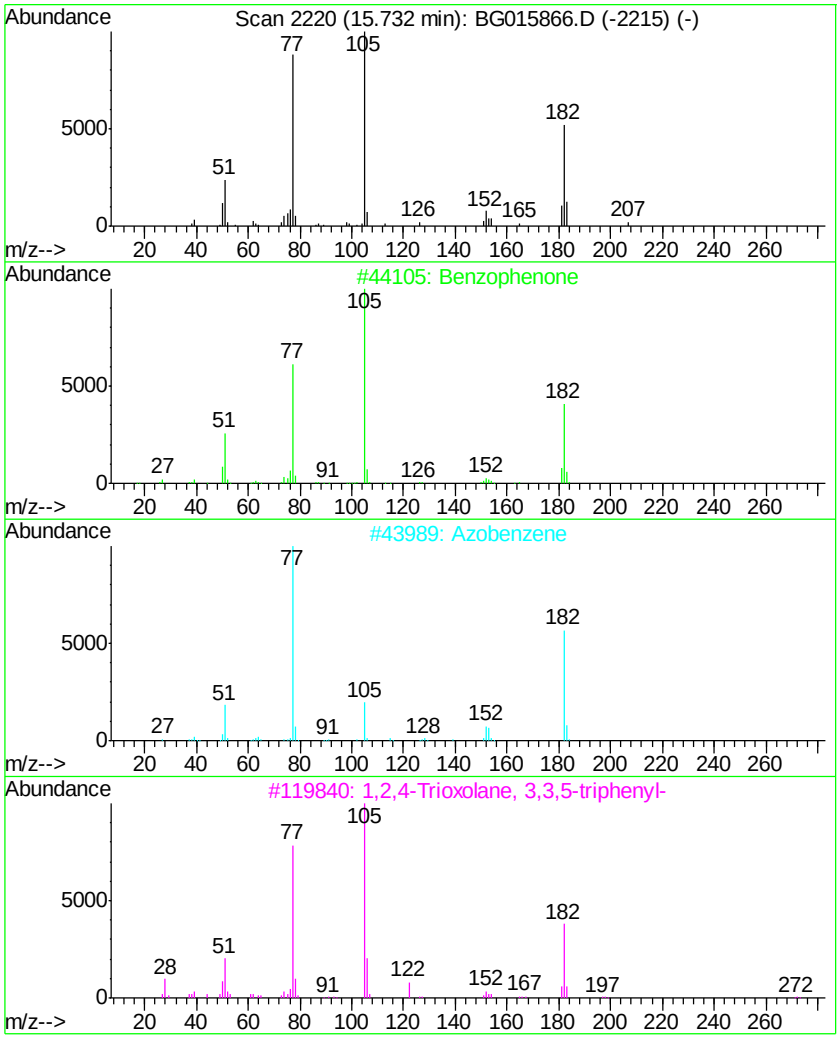
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

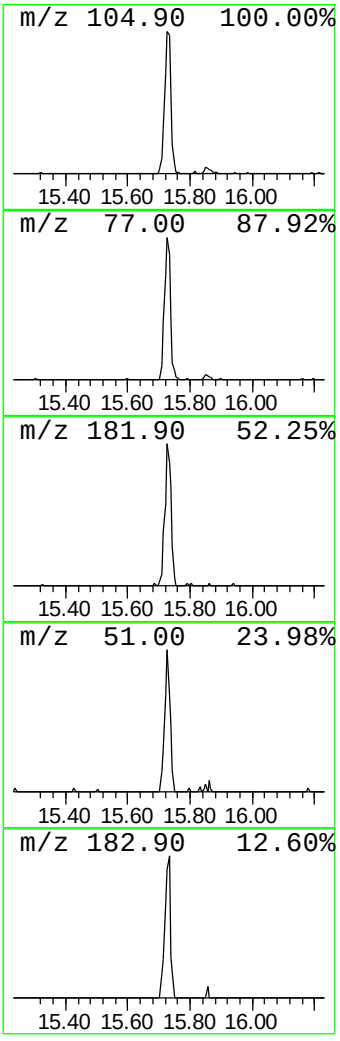
****

Peak Number 7 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.40 ng	112154	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Azobenzene	182	C12H10N2	000103-33-3	80
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
4	2,2-Diphenyl-2-hydroxyacetic acid	228	C14H12O3	000076-93-7	53
5	2-Pyrazoline-5-carbonitrile, 2-b...	199	C11H9N3O	067872-68-8	50





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Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

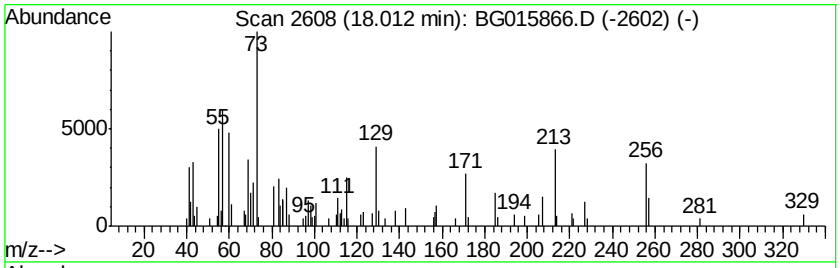
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

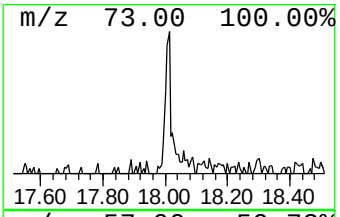
****

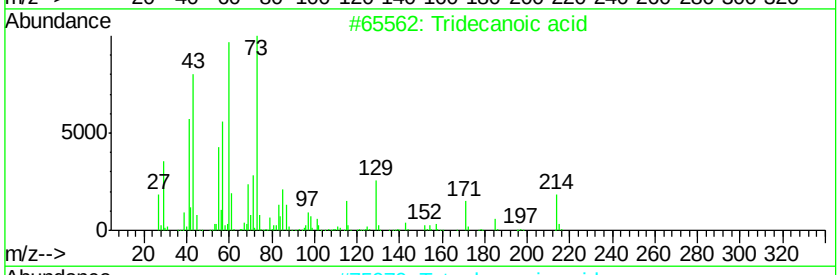
Peak Number 8 Tridecanoic acid Concentration Rank 9

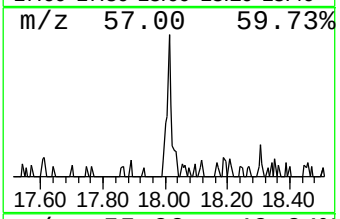
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.22 ng	66936	Phenanthrene-d10	17.11

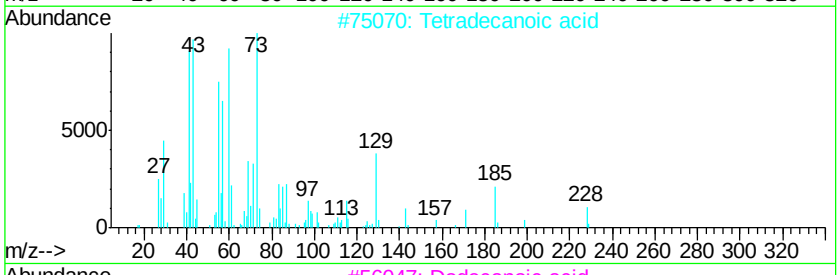
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Dodecanoic acid	200	C12H24O2	000143-07-7	43
4	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	27
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	16

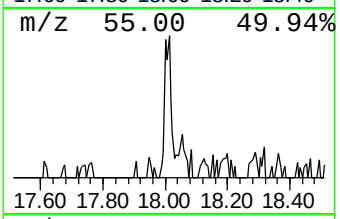


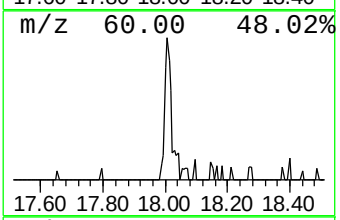


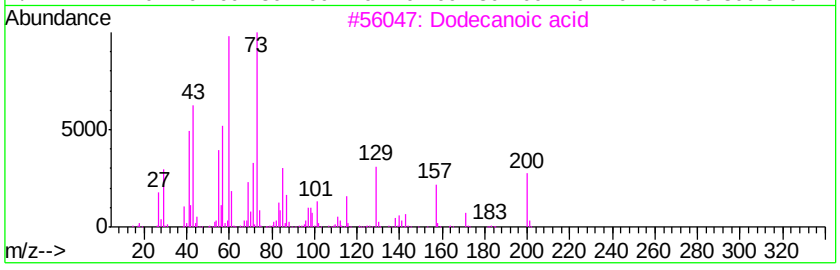


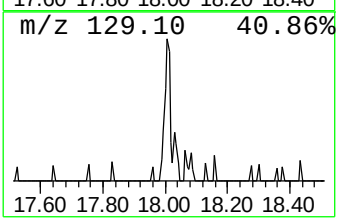












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ClientSampleId : TP4-SS-2(4-6)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

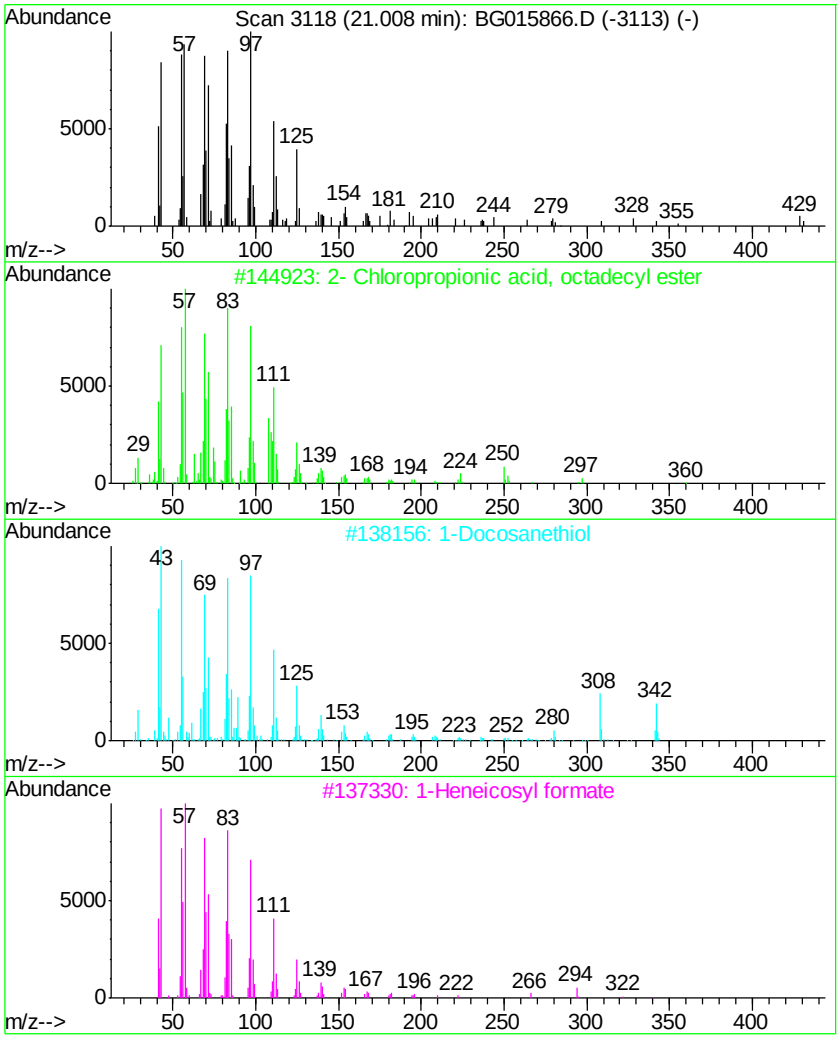
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

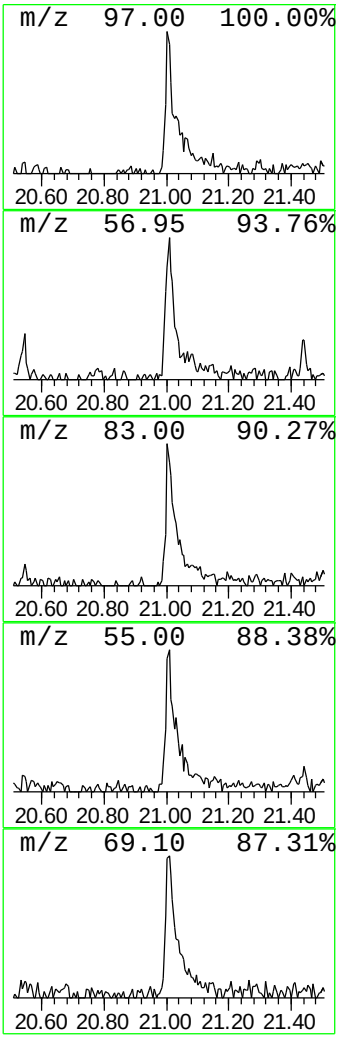
****

Peak Number 9 2- Chloropropionic acid, oc... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	6.10 ng	193706	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
2	1-Docosanethiol	342	C22H46S	007773-83-3	90
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	86
4	1-Hexadecanol	242	C16H34O	036653-82-4	72
5	1-Hexacosanol	382	C26H54O	000506-52-5	70





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.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
Propane, 2,2-dime...	2.75	335.7	ng	3040990	1	7.73	181156	20.0
1-Pentene, 2-methyl-	2.88	7.5	ng	67988	1	7.73	181156	20.0
unknown2.96	2.96	29.6	ng	267818	1	7.73	181156	20.0
Hydrazine, 1,1-bi...	4.86	16.2	ng	146948	1	7.73	181156	20.0
unknown7.27	7.27	79.2	ng	717055	1	7.73	181156	20.0
Benzophenone	15.73	7.4	ng	112154	3	14.37	303156	20.0
Tridecanoic acid	18.01	3.2	ng	66936	4	17.11	415753	20.0
2- Chloropropioni...	21.01	6.1	ng	193706	5	21.30	635176	20.0