LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021104.D
Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-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-BG022616.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	3.091	38	43	50	rBV	49866	67186	8.36%	2.011%
2	3.232	62	67	76	rBV2	7805	13894	1.73%	0.416%
3	5.259	407	412	421	rBB	30625	44518	5.54%	1.332%
4	5.723	484	491	498	rBB	145520	224143	27.90%	6.708%
5	7.315	755	762	769	rBB	154936	256676	31.94%	7.682%
6	7.697	820	827	834	rBB	152871	249259	31.02%	7.460%
7	8.167	902	907	913	rBB	19509	31700	3.95%	0.949%
8	8.490	956	962	969	rBB	102101	174266	21.69%	5.216%
9	9.330	1098	1105	1113	rBB	89931	159774	19.88%	4.782%
10	10.975	1379	1385	1392	rBB	28505	49329	6.14%	1.476%
11	13.408	1792	1799	1805	rBB	252421	385753	48.01%	11.545%
12	14.219	1932	1937	1943	rBB	29957	38979	4.85%	1.167%
13	14.777	2026	2032	2038	rBB2	45898	72391	9.01%	2.167%
14	15.605	2169	2173	2176	rBB	6802	8205	1.02%	0.246%
15	16.252	2275	2283	2290	rBB2	230926	333108	41.46%	9.970%
16	16.463	2315	2319	2321	rBV	6256	8216	1.02%	0.246%
17	17.509	2490	2497	2503	rBV	68792	99463	12.38%	2.977%
18	18.379	2641	2645	2651	rBV2	15777	19046	2.37%	0.570%
19	20.106	2932	2939	2944	rBV	636425	803512	100.00%	24.048%
20	21.399	3155	3159	3165	rBV	30512	41921	5.22%	1.255%
21	21.775	3216	3223	3229	rBV	85839	132637	16.51%	3.970%
22	25.053	3772	3781	3794	rVB2	40356	113769	14.16%	3.405%
23	26.387	4001	4008	4017	rVB8	5209	13503	1.68%	0.404%

Sum of corrected areas: 3341248

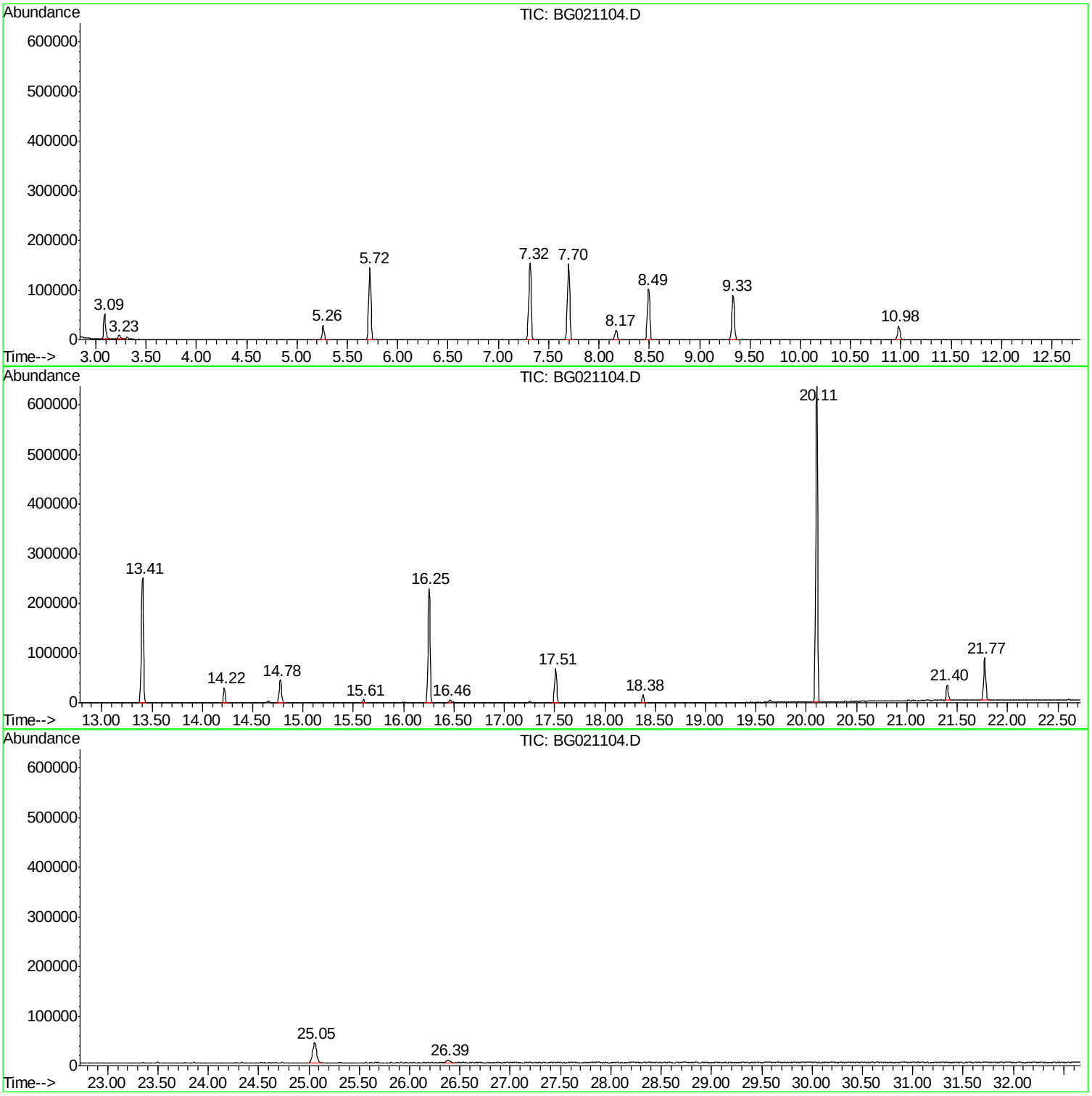
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021104.D
Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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

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Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

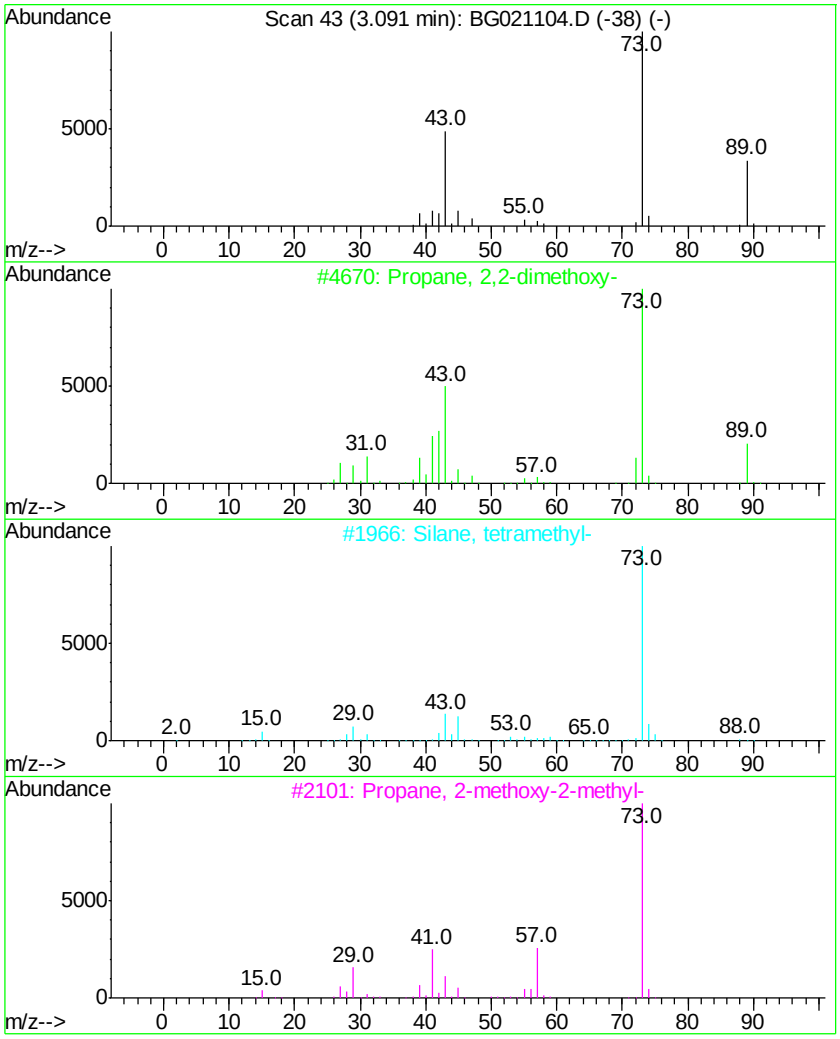
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

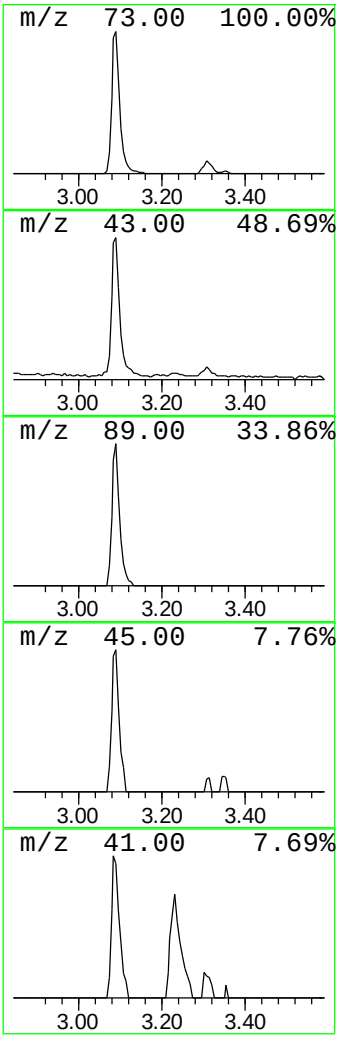
****

Peak Number 1 unknown3.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	42.39 ng	67186	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





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Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

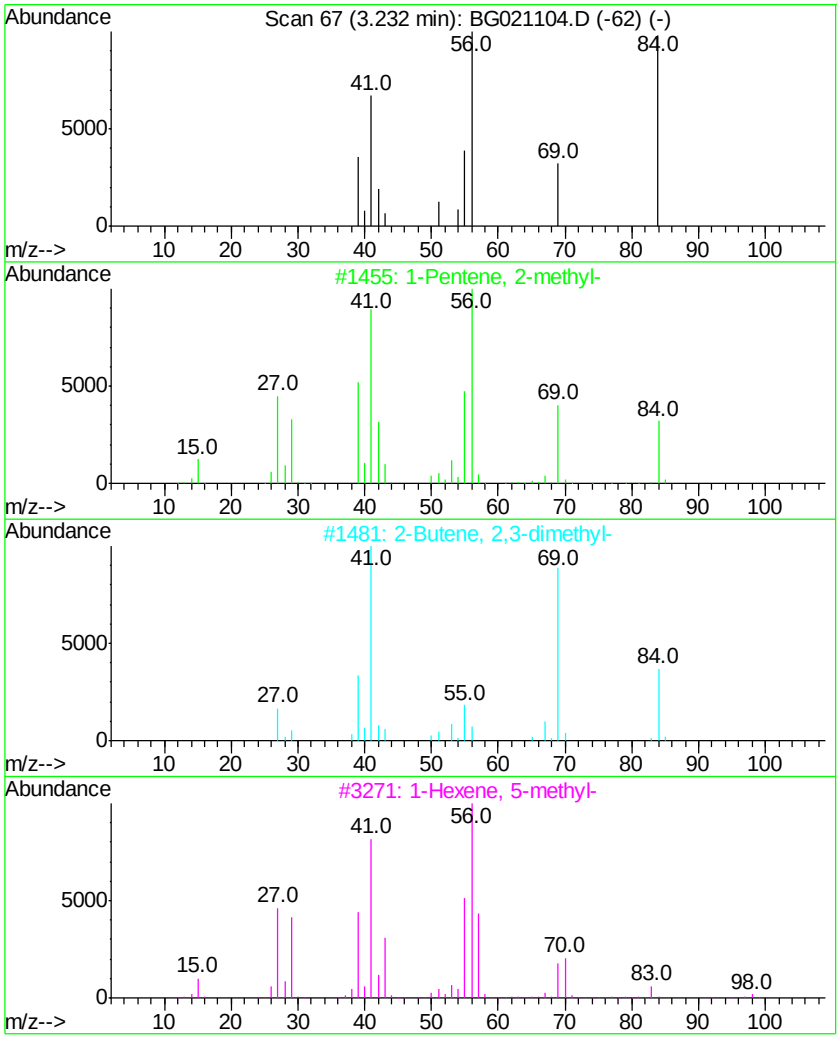
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

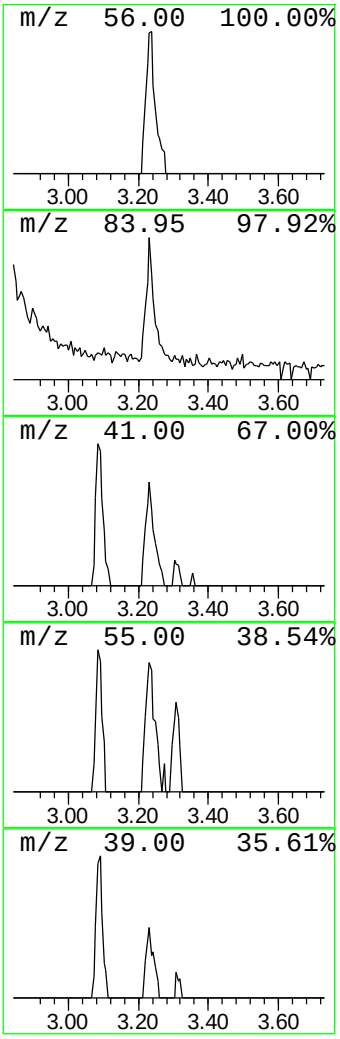
****

Peak Number 2 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	8.77 ng	13894	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	9
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	7
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021104.D
Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

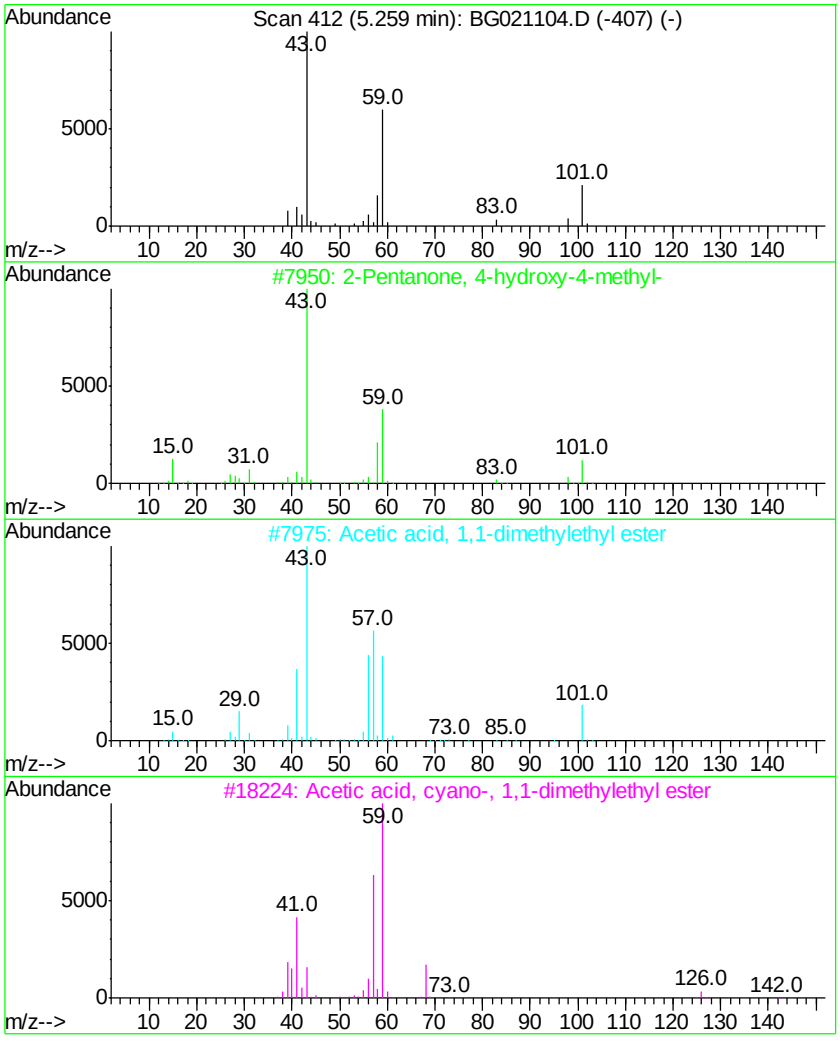
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

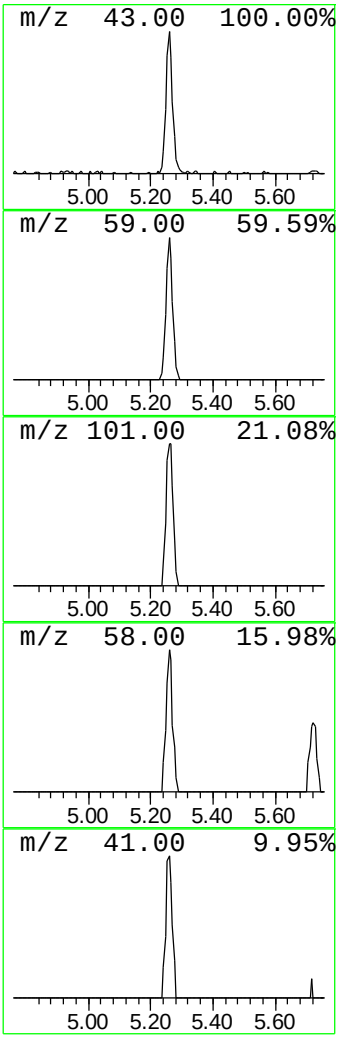
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	28.09 ng	44518	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

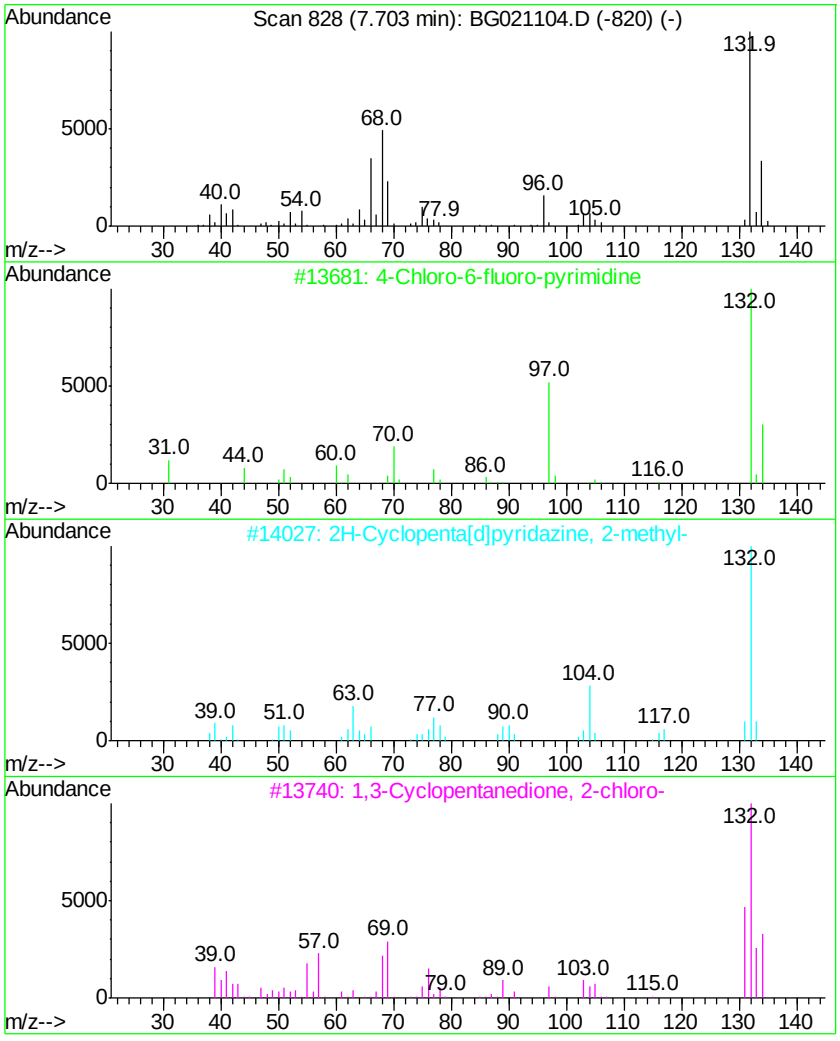
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

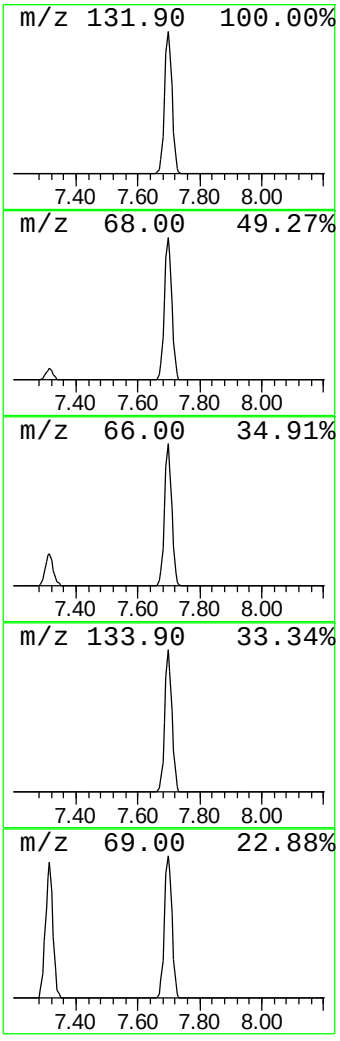
****

Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	157.26 ng	249259	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	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	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

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Acq On : 27 Feb 2016 7:56
Operator : UM/SJ
Sample : H1558-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

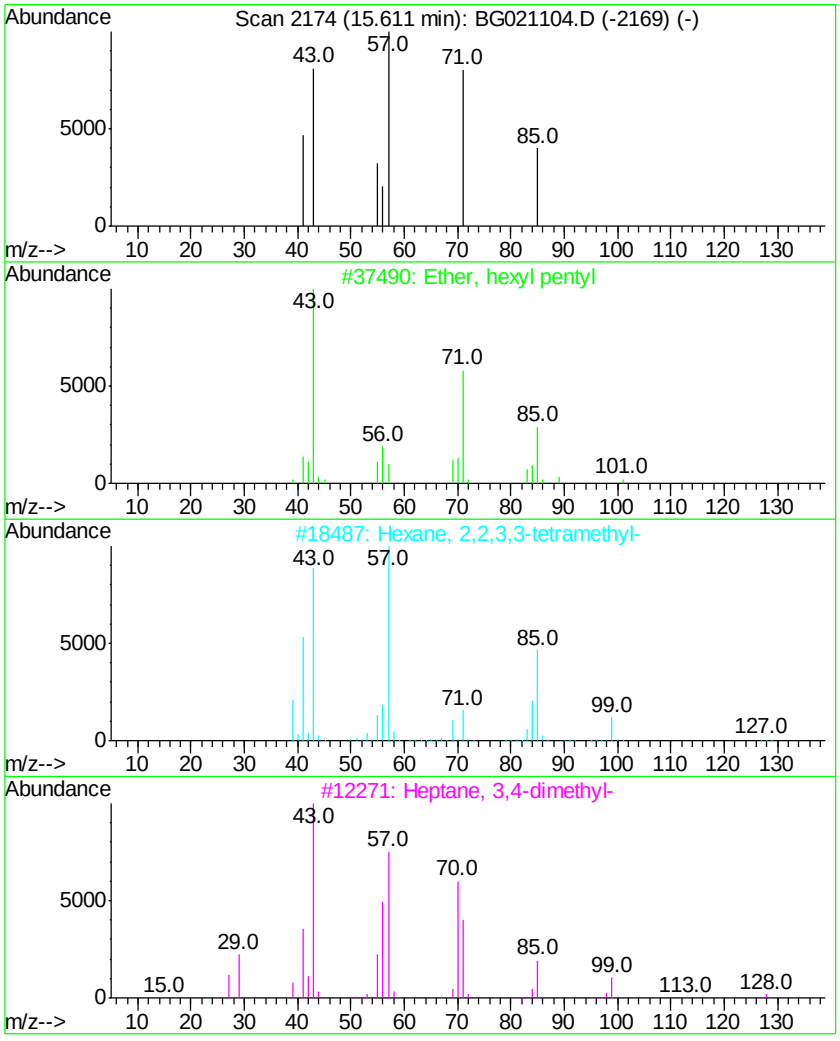
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

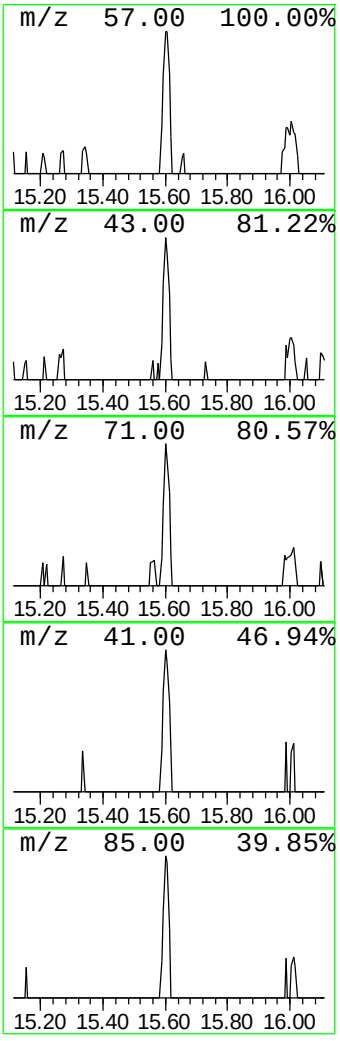
****

Peak Number 6 Ether, hexyl pentyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.27 ng	8205	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	42
4	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	38
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38





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Misc :
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Instrument : BNA_G
ClientSampleId : S-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

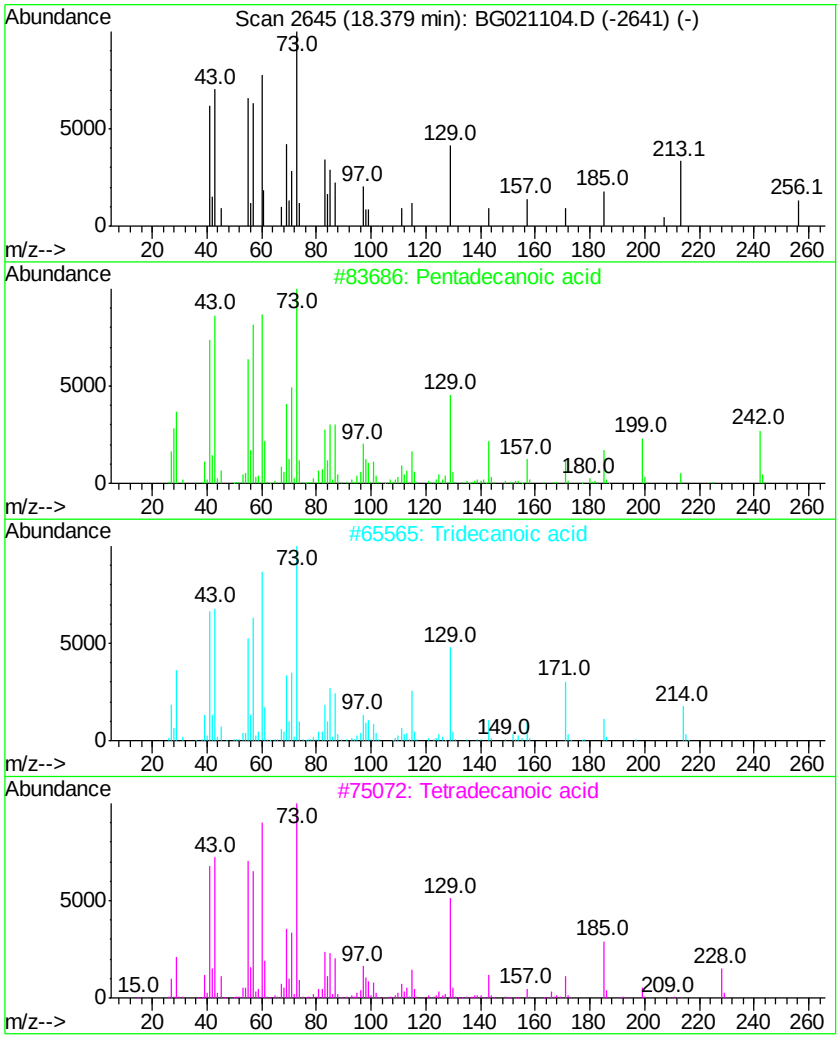
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

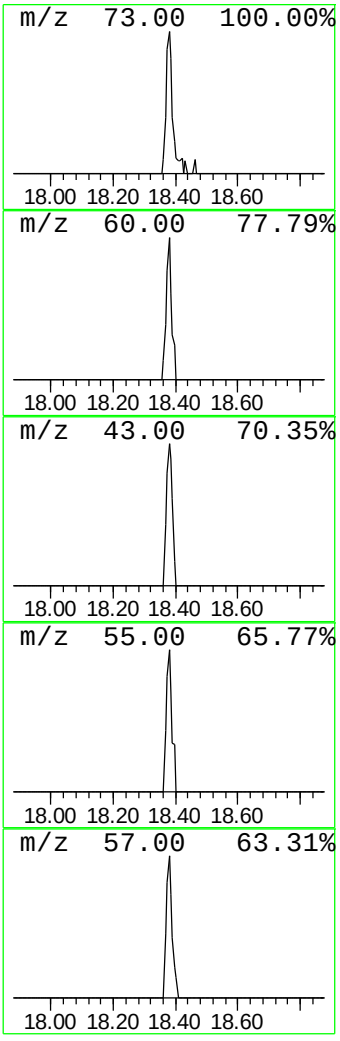
****

Peak Number 7 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.83 ng	19046	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

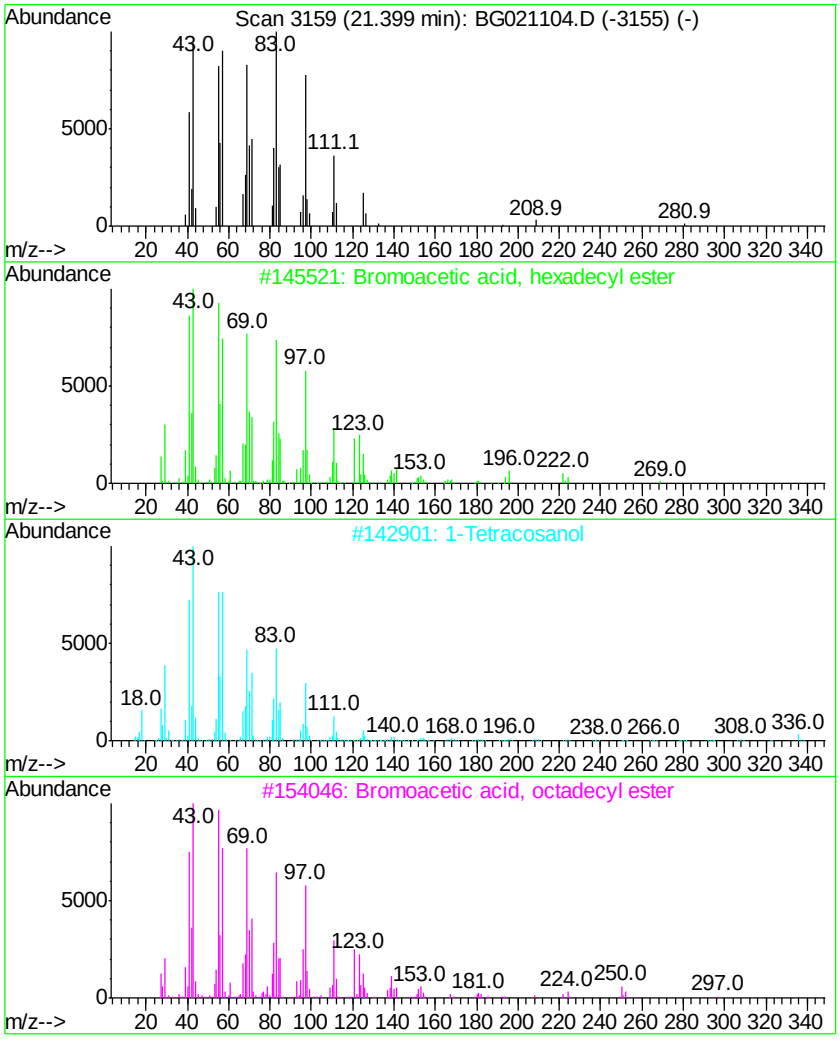
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

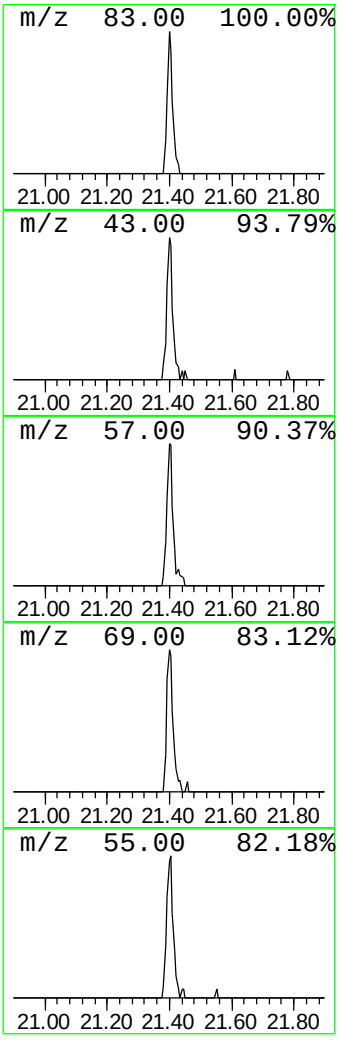
****

Peak Number 8 Bromoacetic acid, hexadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	6.32 ng	41921	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	1-Octadecanol	270	C18H38O	000112-92-5	76





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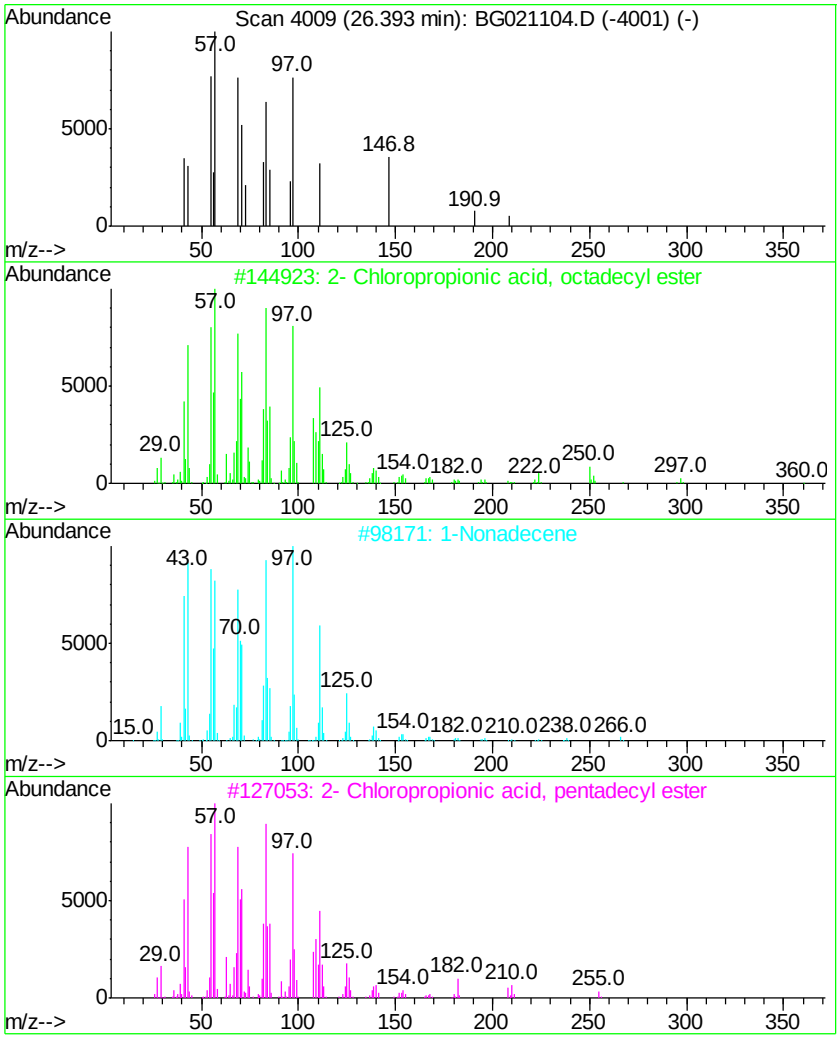
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

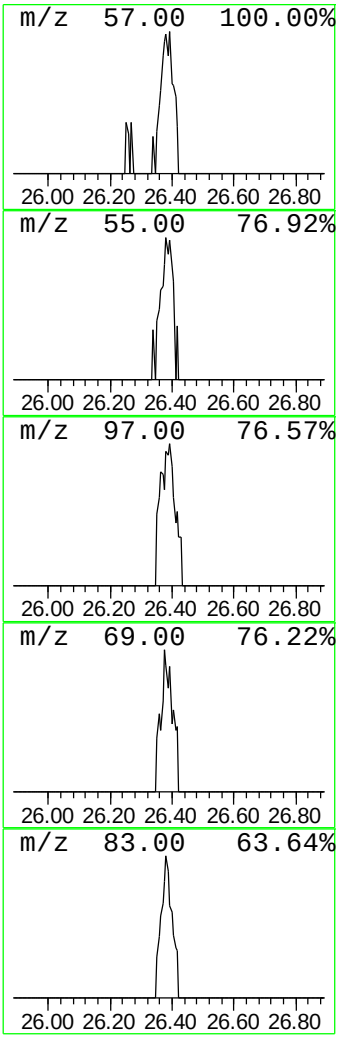
****

Peak Number 9 unknown26.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	2.37 ng	13503	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	46
2	1-Nonadecene	266	C19H38	018435-45-5	46
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	43
4	1-Octadecanol	270	C18H38O	000112-92-5	43
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	43





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.09	3.09	42.4	ng	67186	1	8.17	31700	20.0
1-Pentene, 2-methyl-	3.23	8.8	ng	13894	1	8.17	31700	20.0
2-Pentanone, 4-hy...	5.26	28.1	ng	44518	1	8.17	31700	20.0
unknown7.70	7.70	157.3	ng	249259	1	8.17	31700	20.0
Ether, hexyl pentyl	15.61	2.3	ng	8205	3	14.77	72391	20.0
Pentadecanoic acid	18.38	3.8	ng	19046	4	17.51	99463	20.0
Bromoacetic acid,...	21.40	6.3	ng	41921	5	21.77	132637	20.0
unknown26.39	26.39	2.4	ng	13503	6	25.05	113769	20.0