LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

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-BG120215.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	2.991	21	26	44	rVB	3262853	4948862	100.00%	23.203%
2	3.132	45	50	59	rVB2	38290	75747	1.53%	0.355%
3	3.214	59	64	70	rBV	77791	111500	2.25%	0.523%
4	5.189	394	400	409	rBV	174466	264381	5.34%	1.240%
5	5.659	472	480	490	rBV	716893	1115940	22.55%	5.232%
6	7.263	745	753	766	rBV	746961	1283305	25.93%	6.017%
7	7.645	810	818	828	rBV	716462	1228358	24.82%	5.759%
8	8.115	890	898	904	rVB	117880	200397	4.05%	0.940%
9	8.438	942	953	962	rVB	505911	868216	17.54%	4.071%
10	9.284	1088	1097	1105	rBV	441151	790683	15.98%	3.707%
11	10.929	1370	1377	1386	rVB	164013	290334	5.87%	1.361%
12	13.367	1784	1792	1801	rBV	1199577	1819441	36.76%	8.530%
13	14.184	1925	1931	1939	rBV	277175	419686	8.48%	1.968%
14	14.742	2020	2026	2036	rVB2	279870	452920	9.15%	2.124%
15	15.576	2164	2168	2172	rVB	40738	51864	1.05%	0.243%
16	16.223	2270	2278	2288	rBV	1153977	1782878	36.03%	8.359%
17	16.434	2309	2314	2327	rBV	46072	80108	1.62%	0.376%
18	17.480	2486	2492	2498	rBV2	386013	591540	11.95%	2.773%
19	18.356	2635	2641	2647	rBV	84838	118891	2.40%	0.557%
20	19.625	2852	2857	2863	rBV2	49117	74626	1.51%	0.350%
21	20.083	2929	2935	2941	rBV	2406969	3117426	62.99%	14.616%
22	21.381	3150	3156	3165	rBV2	66760	112426	2.27%	0.527%
23	21.752	3212	3219	3228	rBV	484012	799808	16.16%	3.750%
24	25.036	3766	3778	3788	rBV2	250739	729454	14.74%	3.420%

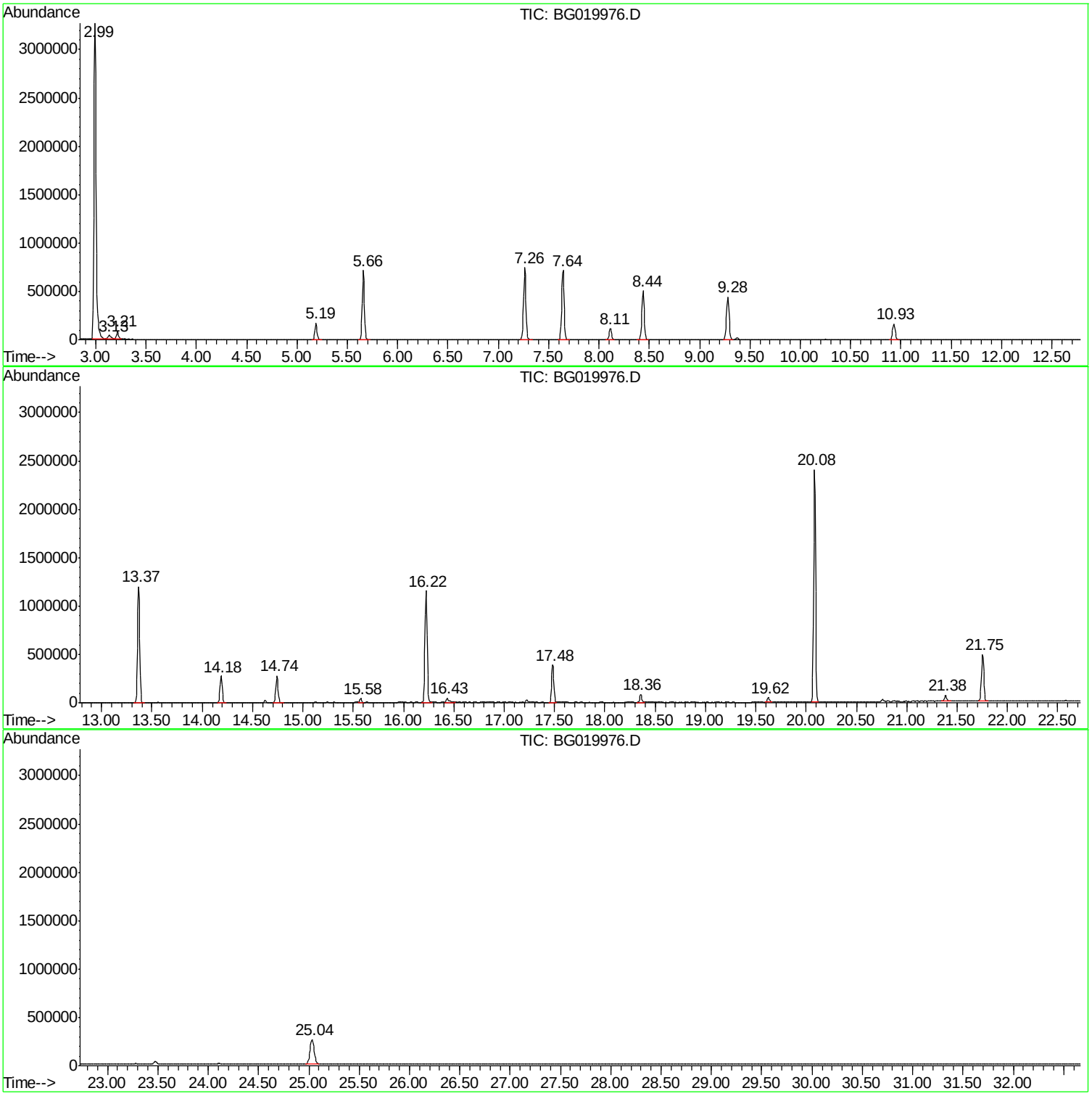
Sum of corrected areas: 21328791

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

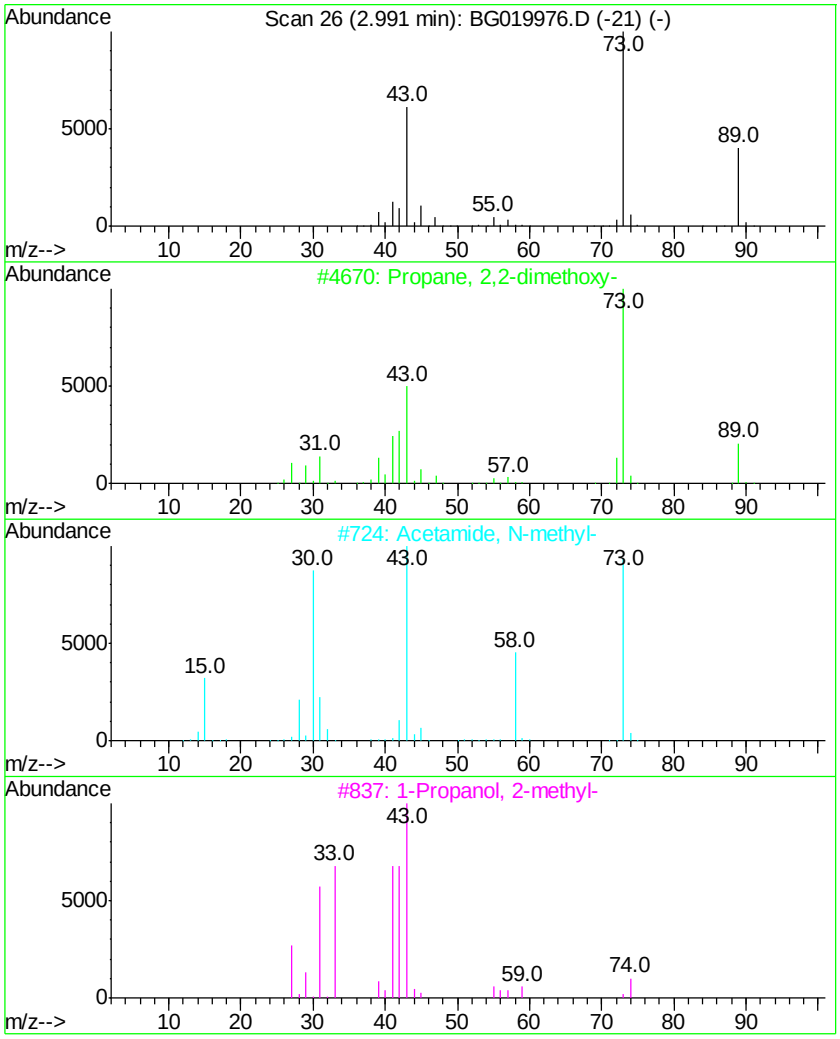
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

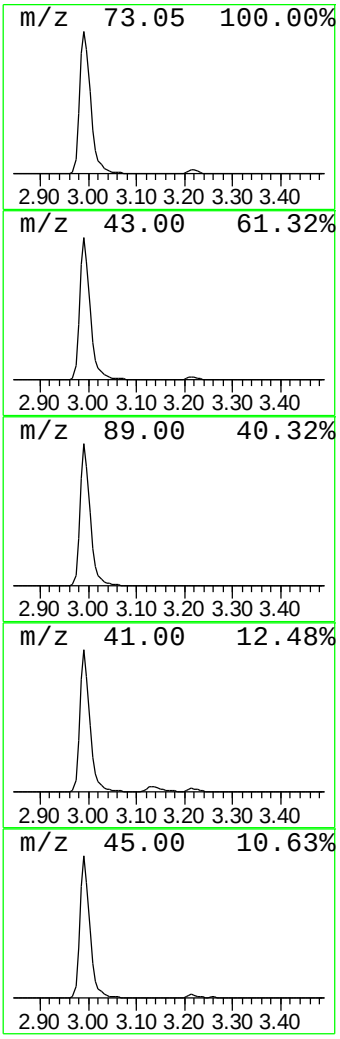
****

Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	493.91 ng	4948860	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

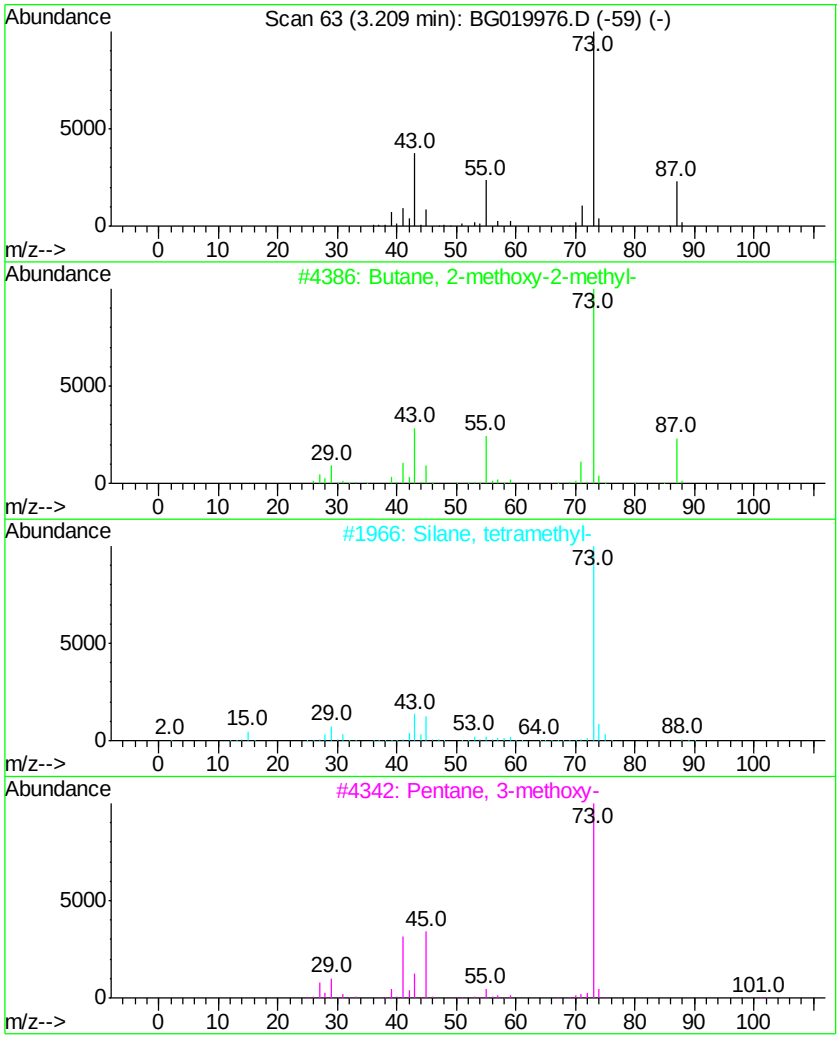
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

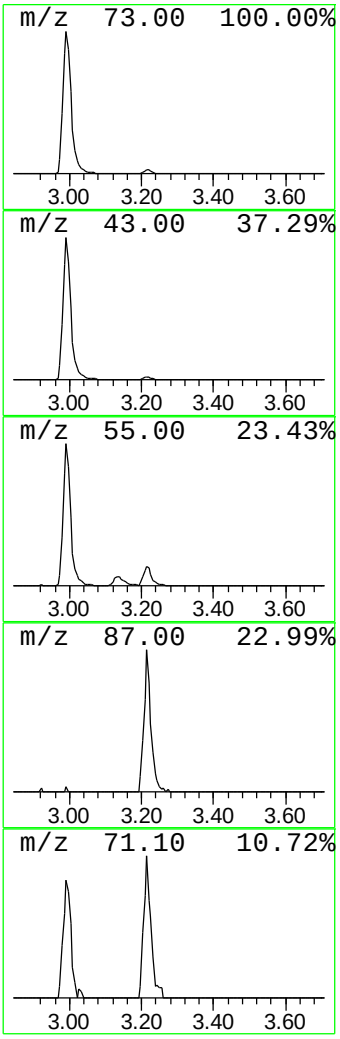
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	11.13 ng	111500	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

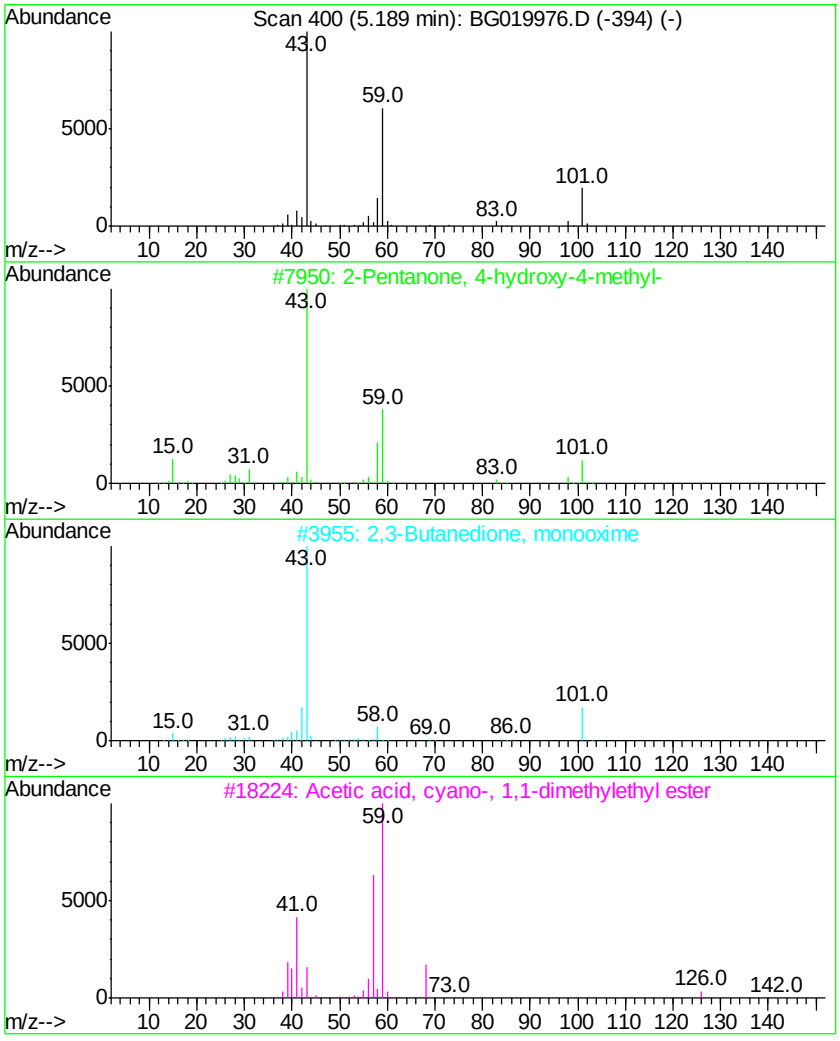
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

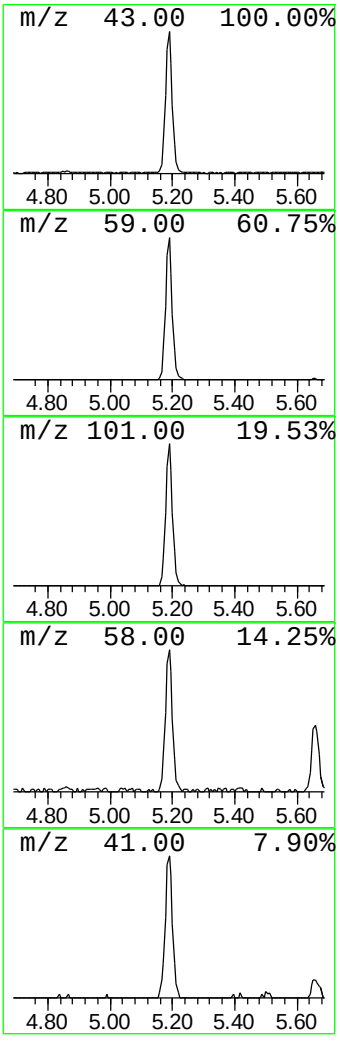
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	26.39 ng	264381	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

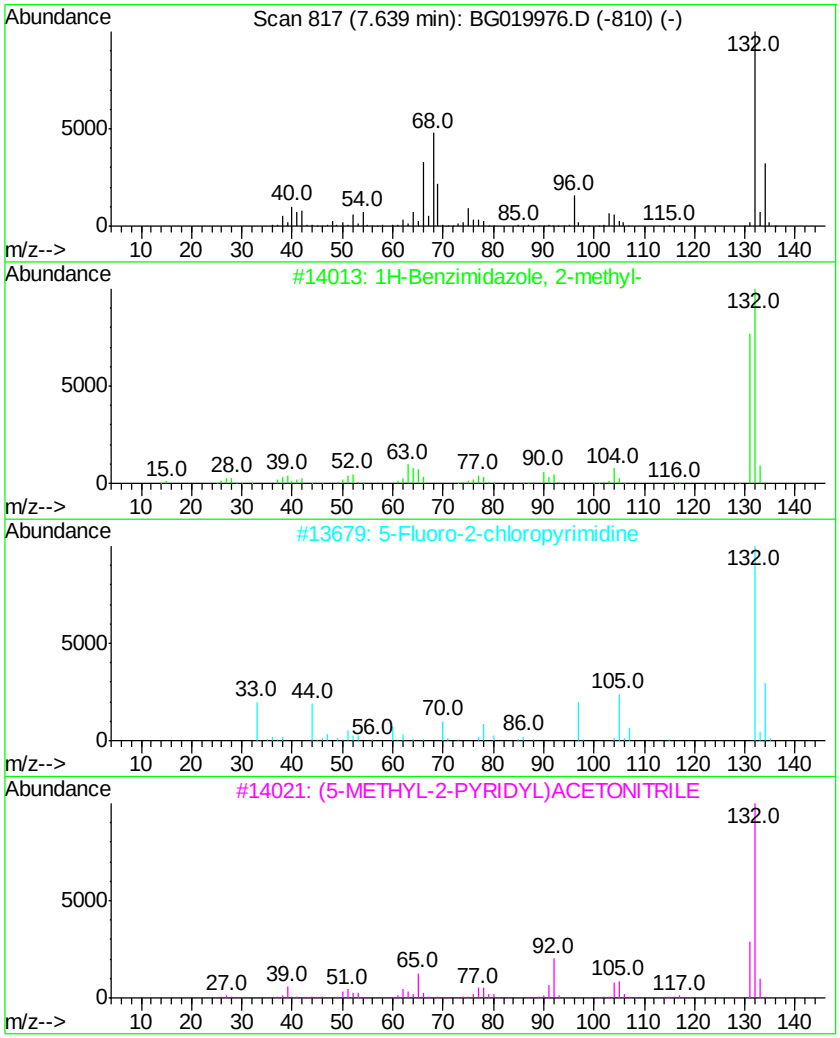
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

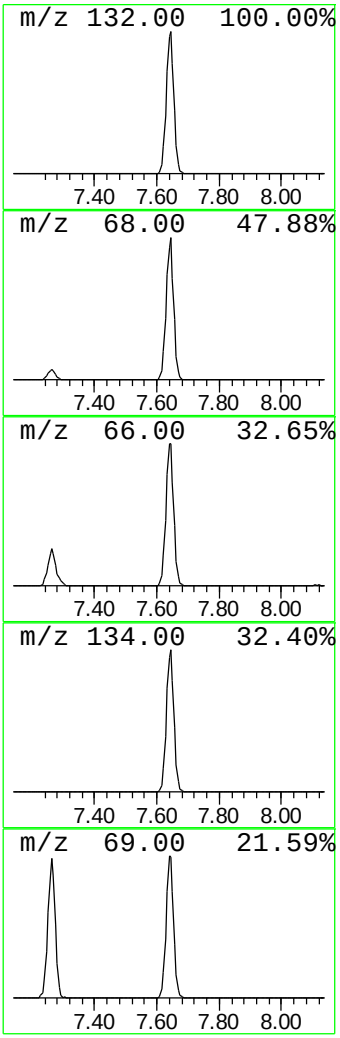
****

Peak Number 5 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	122.59 ng	1228360	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

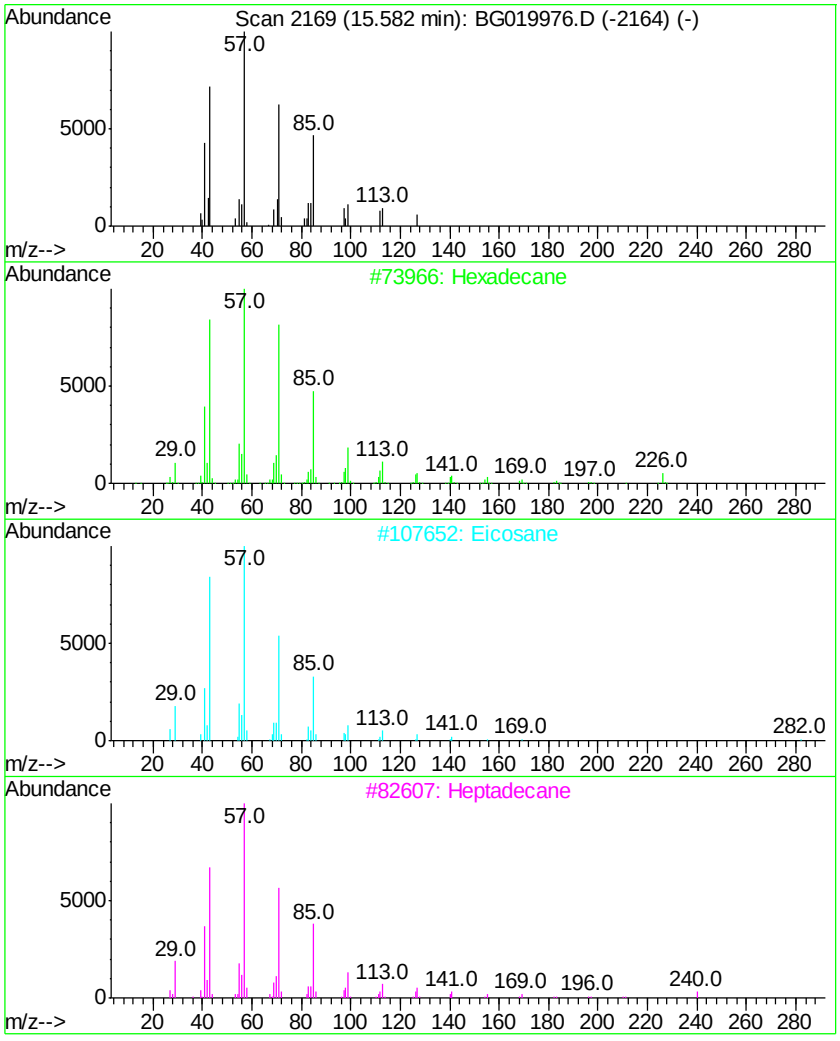
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

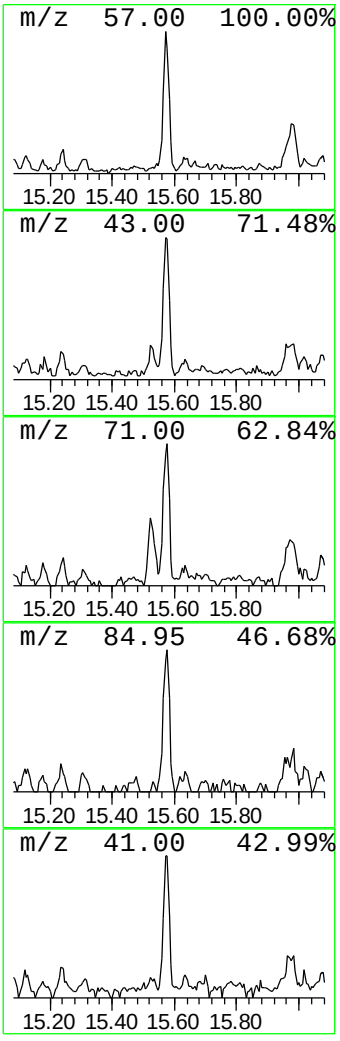
****

Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.29 ng	51864	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
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Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

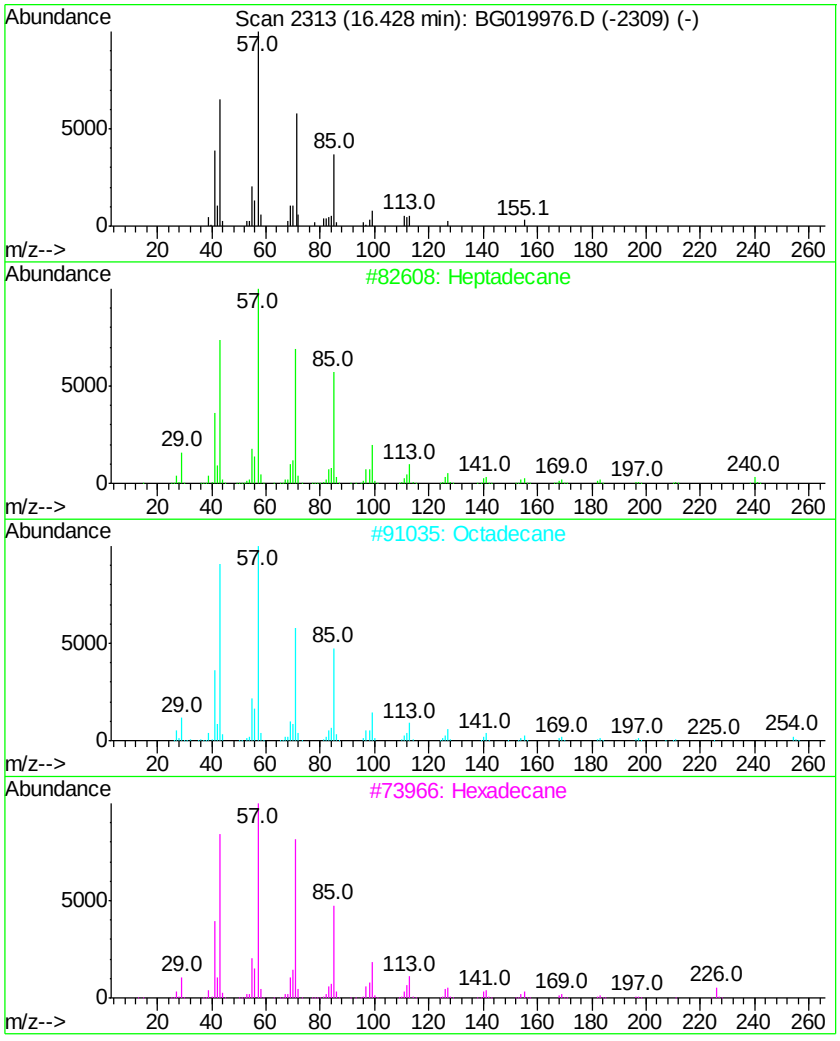
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

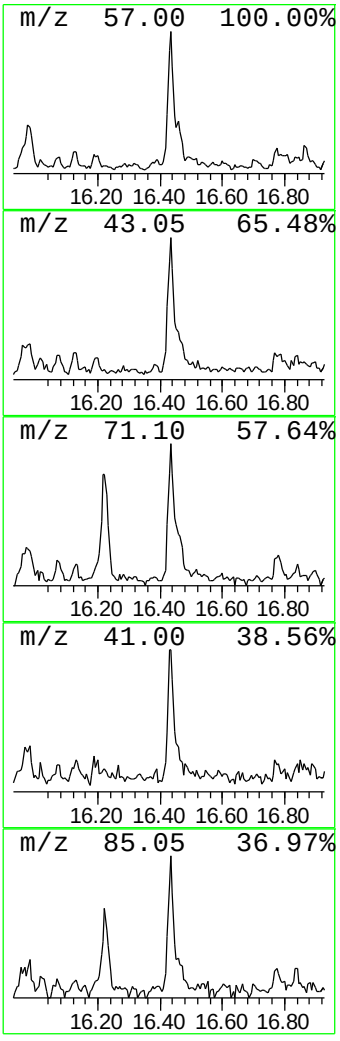
****

Peak Number 8 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.71 ng	80108	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	87





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Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

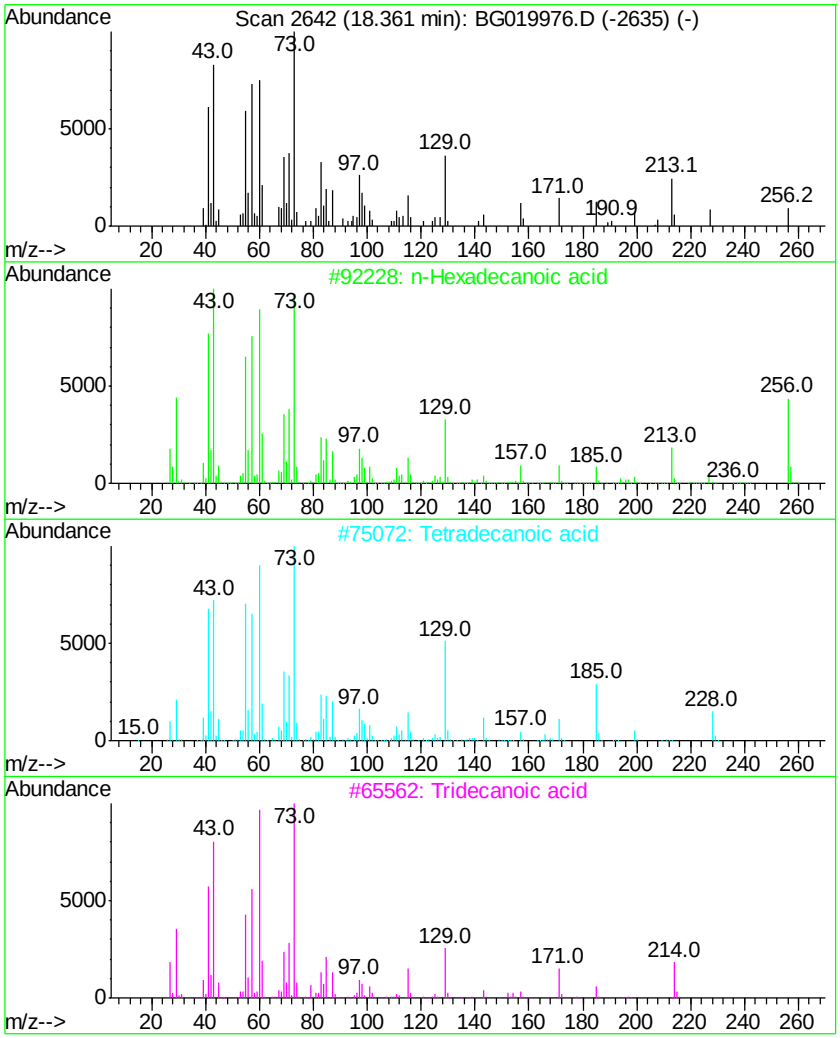
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

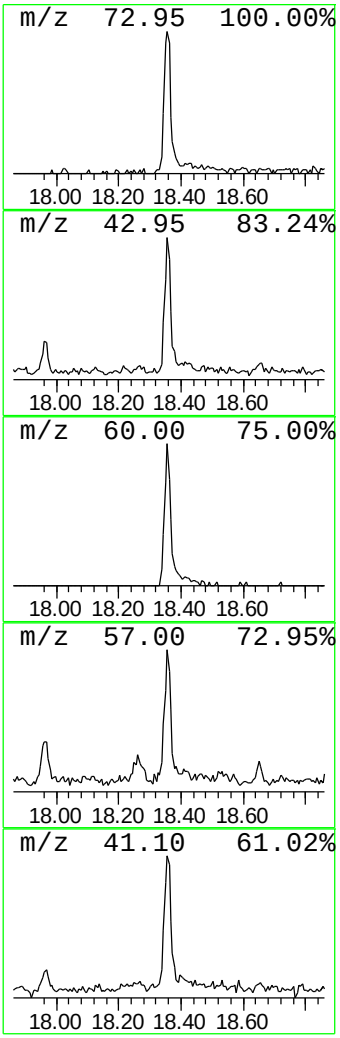
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.02 ng	118891	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019976.D
Acq On : 6 Dec 2015 20:55
Operator : UM/NP
Sample : G4594-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : K209-43-44

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

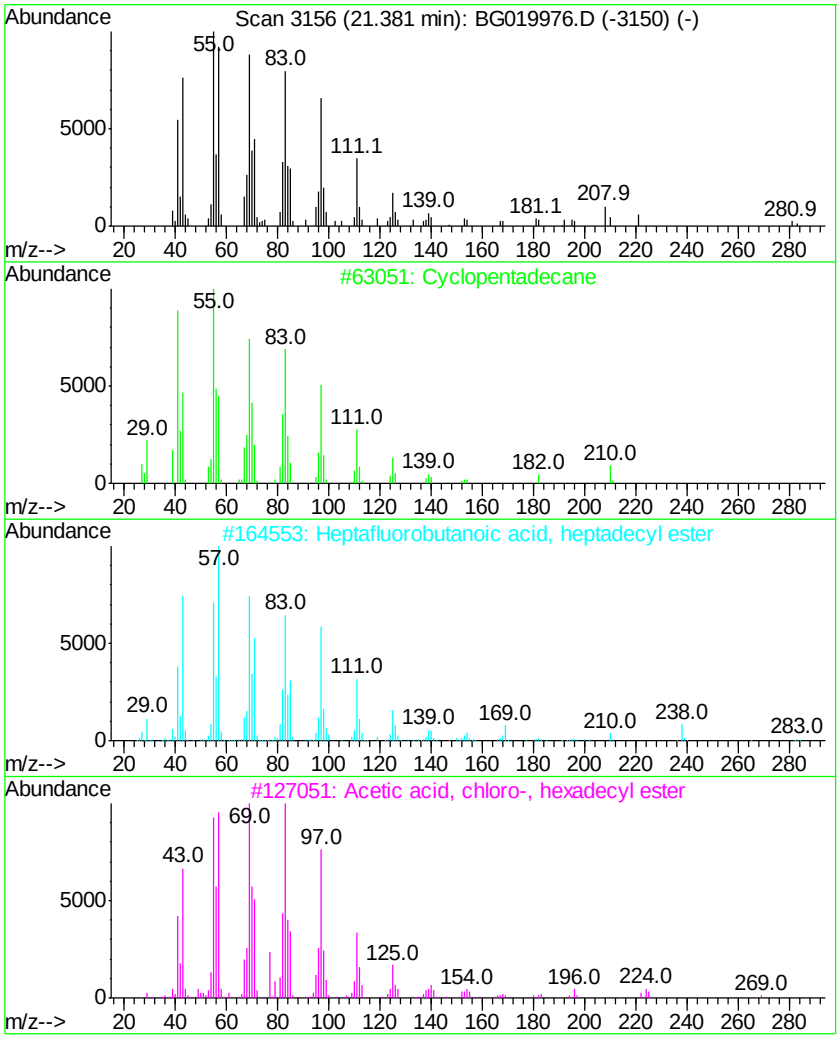
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

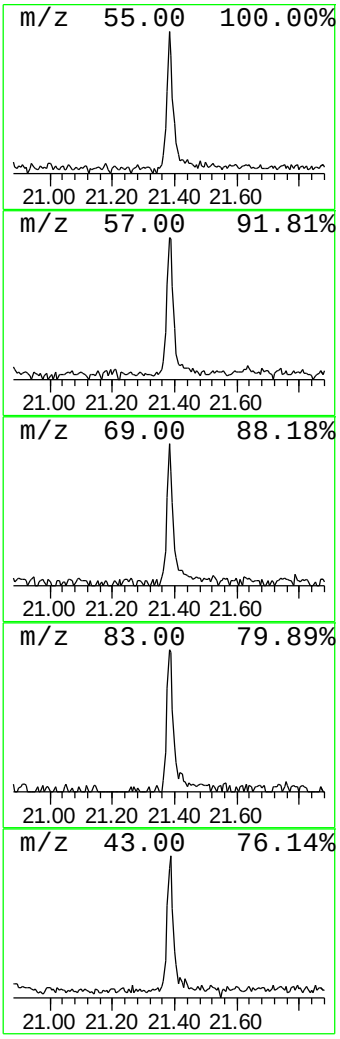
****

Peak Number 10 Cyclopentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.81 ng	112426	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	95
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	94
4	1-Pentadecene	210	C15H30	013360-61-7	93
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
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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
unknown2.99	2.99	493.9	ng	4948860	1	8.11	200397	20.0
Butane, 2-methoxy...	3.21	11.1	ng	111500	1	8.11	200397	20.0
2-Pentanone, 4-hy...	5.19	26.4	ng	264381	1	8.11	200397	20.0
unknown7.64	7.64	122.6	ng	1228360	1	8.11	200397	20.0
Hexadecane	15.58	2.3	ng	51864	3	14.74	452920	20.0
Heptadecane	16.43	2.7	ng	80108	4	17.48	591540	20.0
n-Hexadecanoic acid	18.36	4.0	ng	118891	4	17.48	591540	20.0
Cyclopentadecane	21.38	2.8	ng	112426	5	21.75	799808	20.0