LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(85-87)

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-BG122117.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	3.447	21	27	38	rVB2	39761	83527	2.59%	0.530%
2	5.739	411	417	423	rVB	28342	47175	1.46%	0.299%
3	6.238	495	502	512	rBV	497880	869956	26.98%	5.516%
4	7.918	779	788	800	rBV	498615	963451	29.88%	6.109%
5	8.335	850	859	870	rBV	536967	990511	30.72%	6.281%
6	8.823	930	942	952	rBV	142952	250340	7.76%	1.587%
7	9.158	992	999	1010	rVB	421938	801470	24.85%	5.082%
8	10.022	1138	1146	1162	rBB	291679	543392	16.85%	3.446%
9	11.714	1426	1434	1444	rBV	192425	359327	11.14%	2.278%
10	14.088	1829	1838	1849	rBB	1144004	1867068	57.90%	11.839%
11	14.881	1965	1973	1980	rBV	122168	185879	5.76%	1.179%
12	15.457	2064	2071	2079	rVB2	350284	586941	18.20%	3.722%
13	16.244	2201	2205	2211	rVB	25686	36350	1.13%	0.230%
14	16.931	2315	2322	2332	rBV	983336	1567680	48.61%	9.941%
15	18.189	2529	2536	2547	rVB	509380	823145	25.53%	5.220%
16	19.011	2671	2676	2684	rBV2	75919	110946	3.44%	0.704%
17	20.245	2882	2886	2891	rBV4	25674	37498	1.16%	0.238%
18	20.727	2961	2968	2976	rBV	2362476	3224748	100.00%	20.448%
19	22.096	3196	3201	3212	rBV2	138763	237237	7.36%	1.504%
20	22.548	3269	3278	3287	rBV	553035	1036082	32.13%	6.570%
21	26.332	3907	3922	3936	rBV2	332590	1087599	33.73%	6.896%
22	27.942	4188	4196	4206	rBV2	16823	60206	1.87%	0.382%

Sum of corrected areas: 15770528

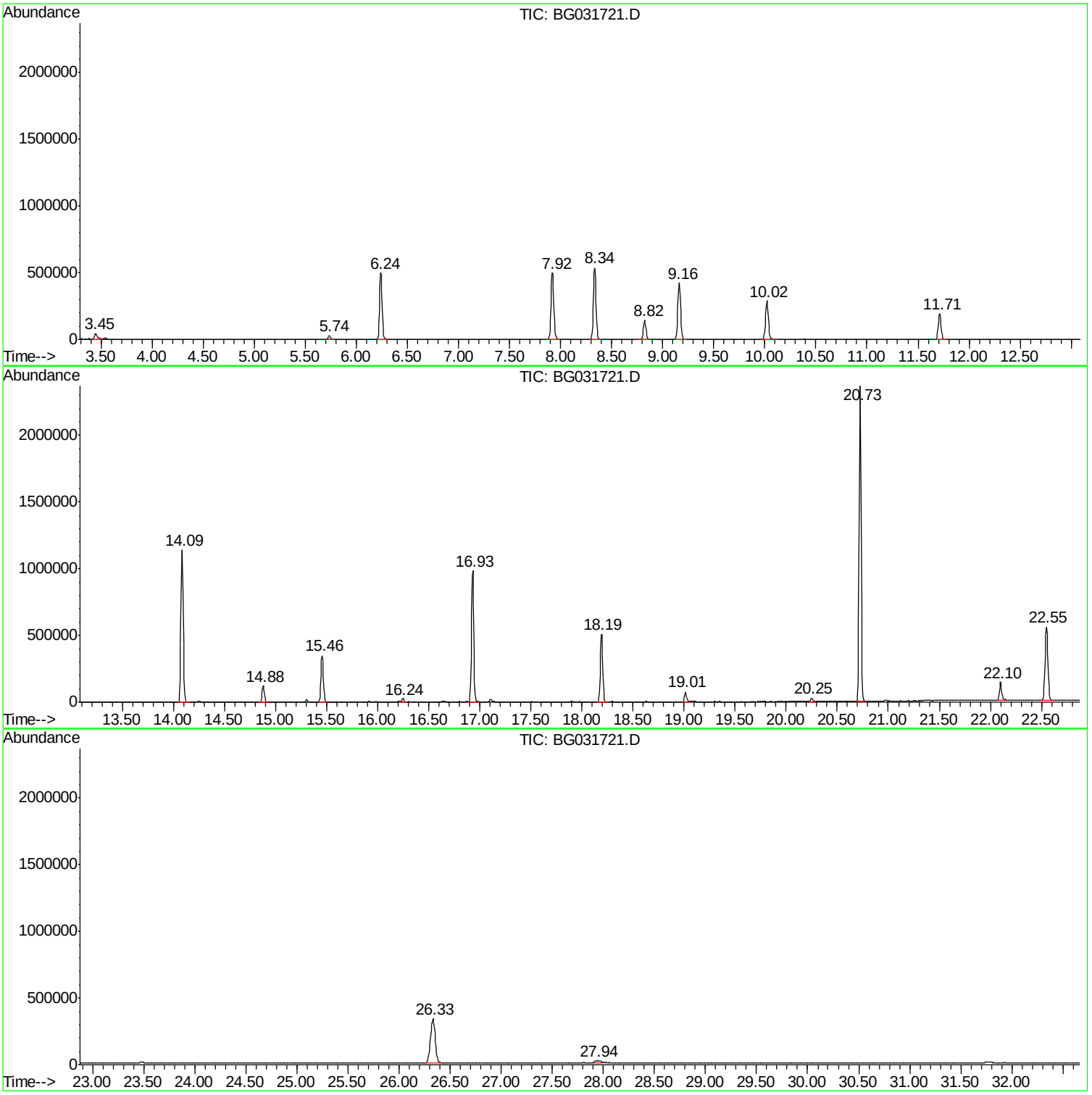
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(85-87)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(85-87)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

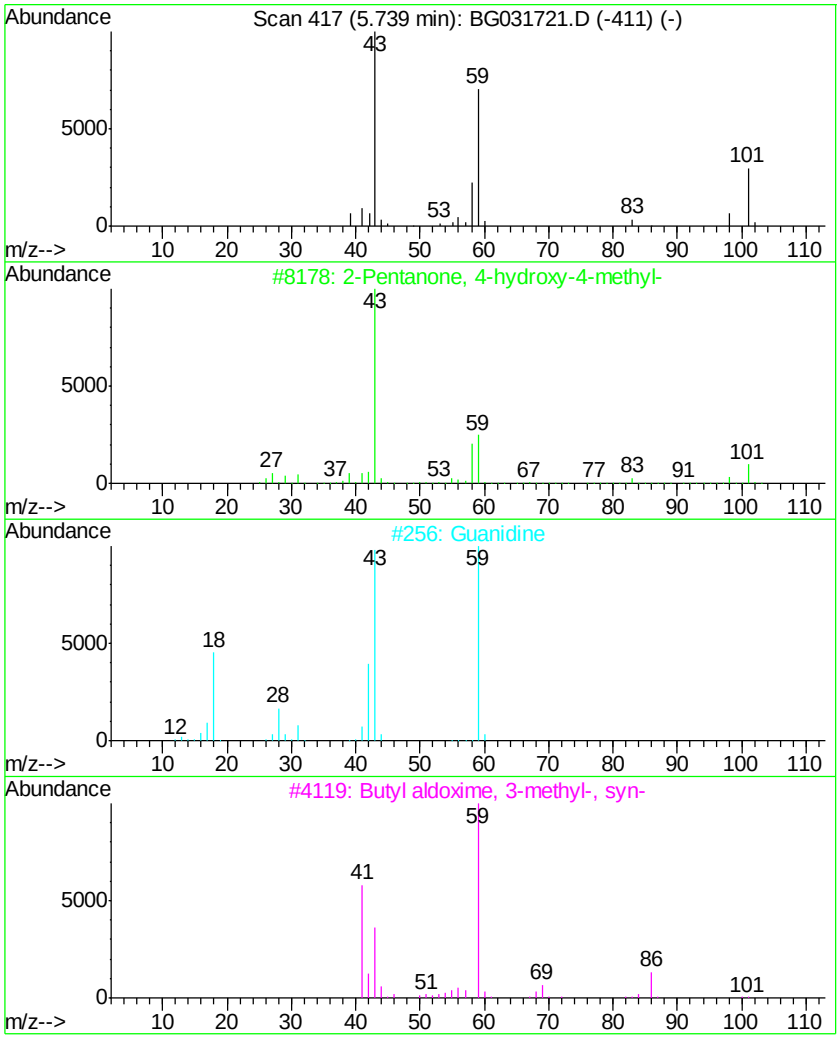
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

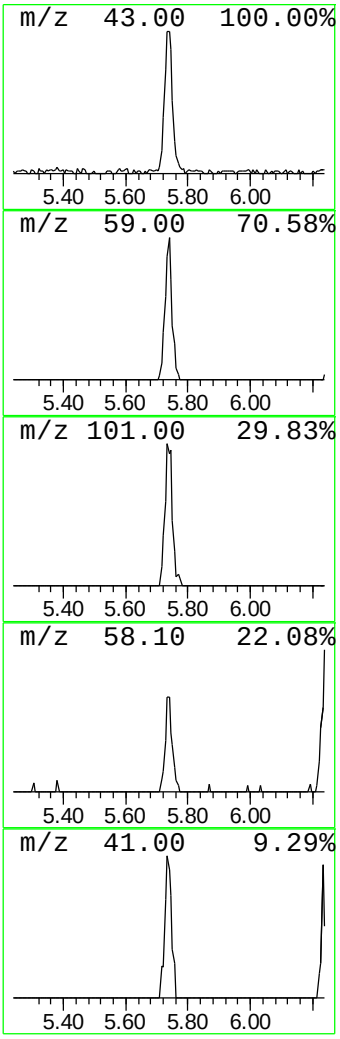
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	3.77 ng	47175	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Guanidine	59	CH5N3	000113-00-8	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(85-87)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

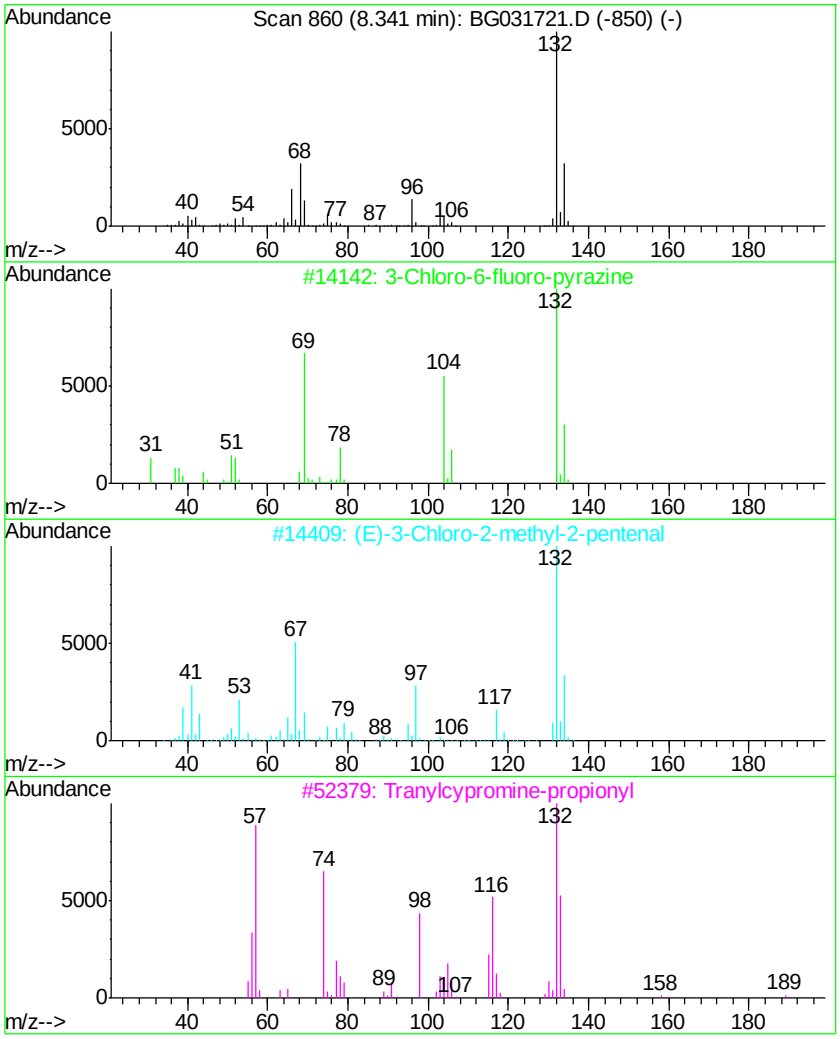
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

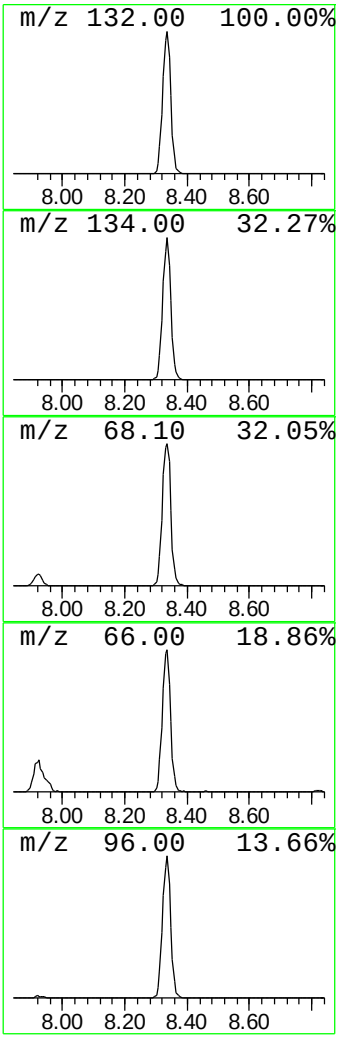
****

Peak Number 3 unknown8.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	79.13 ng	990511	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(85-87)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

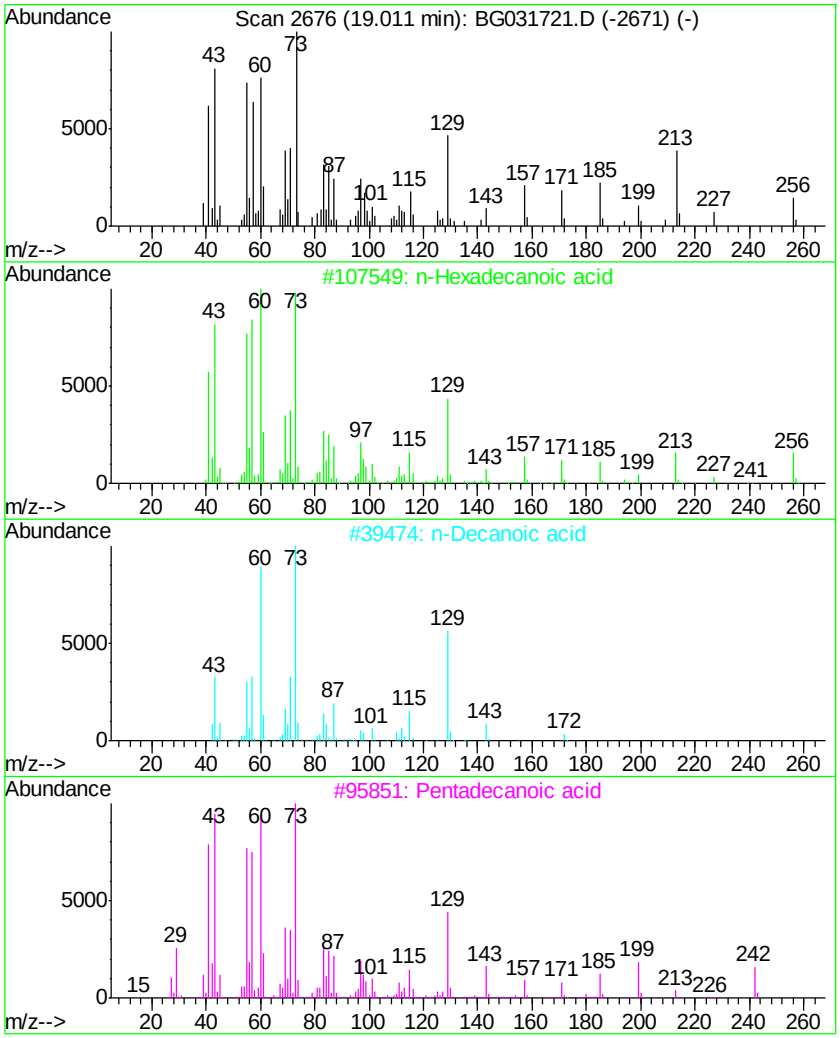
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

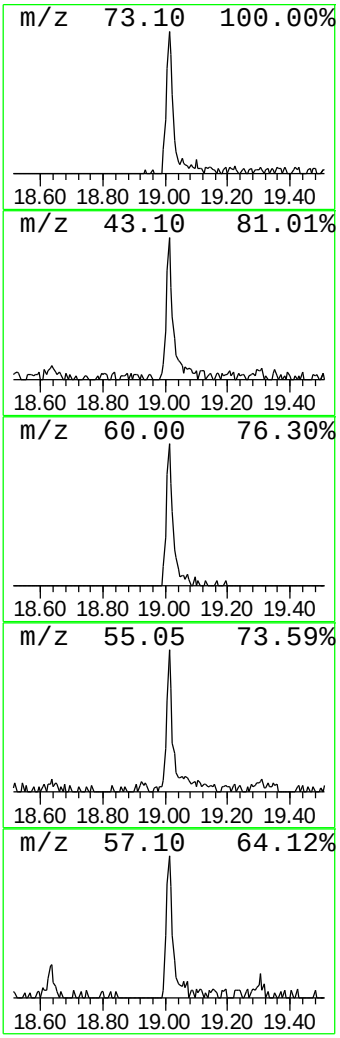
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.70 ng	110946	Phenanthrene-d10	18.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Decanoic acid	172	C10H20O2	000334-48-5	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(85-87)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

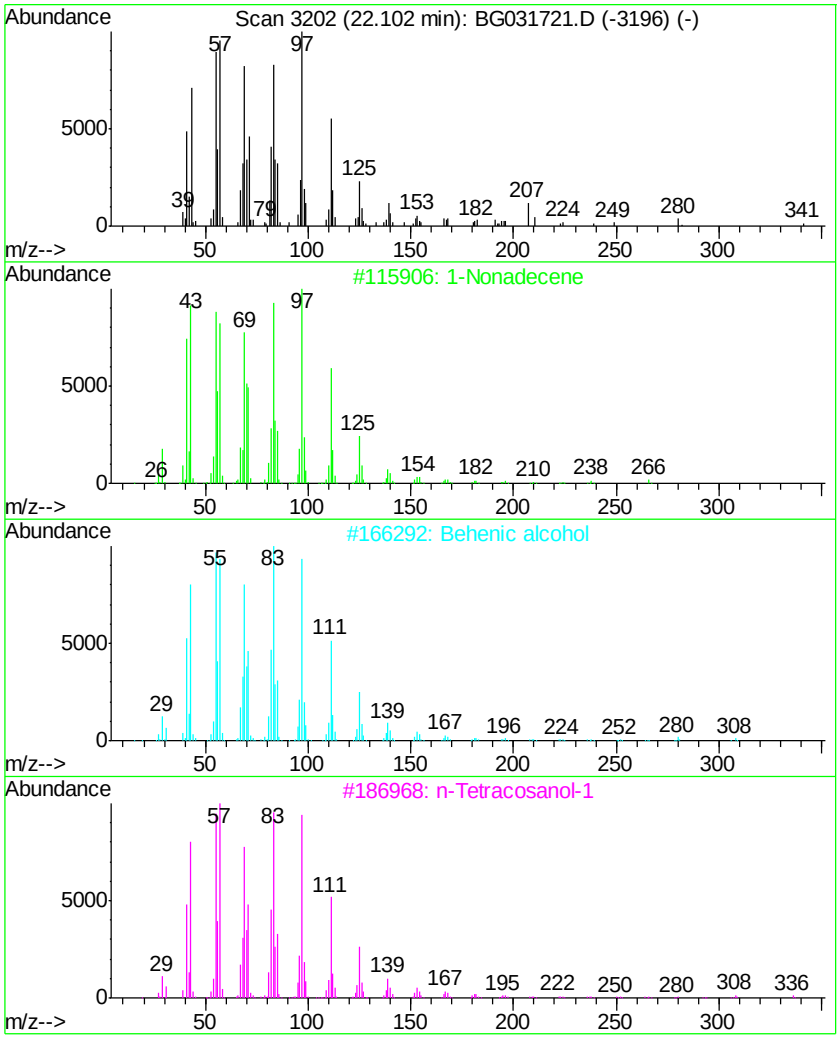
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

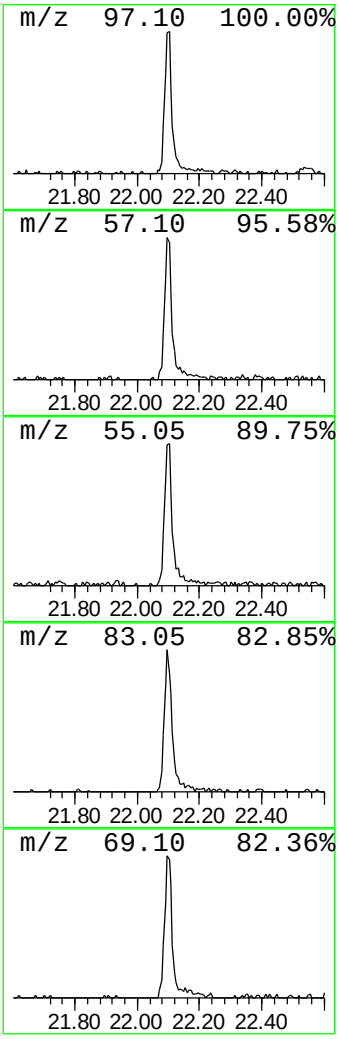
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	4.58 ng	237237	Chrysene-d12	22.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031721.D
Acq On : 22 Dec 2017 21:18
Operator : SJ/JU
Sample : I7002-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(85-87)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.74	3.8	ng	47175	1	8.82	250340	20.0
unknown8.34	8.34	79.1	ng	990511	1	8.82	250340	20.0
n-Hexadecanoic acid	19.01	2.7	ng	110946	4	18.19	823145	20.0
1-Nonadecene	22.10	4.6	ng	237237	5	22.55	1036080	20.0