LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

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-BG012918.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	3.369	9	14	23	rVB4	10568	22224	1.32%	0.287%
2	3.457	23	29	37	rBV3	17711	30289	1.80%	0.391%
3	6.148	481	487	502	rBV	190890	387428	22.97%	5.001%
4	7.835	766	774	793	rBV	190456	443124	26.27%	5.720%
5	8.228	833	841	860	rBV	221396	470440	27.89%	6.073%
6	8.710	917	923	936	rBV	61446	125875	7.46%	1.625%
7	9.045	973	980	994	rBV	185351	365159	21.65%	4.714%
8	9.909	1120	1127	1146	rBV2	122397	268334	15.91%	3.464%
9	11.589	1406	1413	1427	rBV	79952	171038	10.14%	2.208%
10	13.974	1811	1819	1837	rBV	472783	807429	47.87%	10.423%
11	14.773	1948	1955	1963	rBV	28840	48133	2.85%	0.621%
12	15.343	2045	2052	2066	rBV2	158511	281873	16.71%	3.639%
13	16.824	2297	2304	2317	rBV	513617	854508	50.66%	11.031%
14	18.081	2511	2518	2532	rBV	258106	422236	25.03%	5.451%
15	18.898	2652	2657	2666	rBV2	36554	55262	3.28%	0.713%
16	20.620	2944	2950	2958	rBV	1242163	1686694	100.00%	21.774%
17	21.283	3055	3063	3069	rBV10	7509	17244	1.02%	0.223%
18	21.953	3170	3177	3187	rBV3	40032	83316	4.94%	1.076%
19	22.412	3246	3255	3267	rVB2	315613	597639	35.43%	7.715%
20	26.084	3869	3880	3894	rBV2	190922	608254	36.06%	7.852%

Sum of corrected areas: 7746499

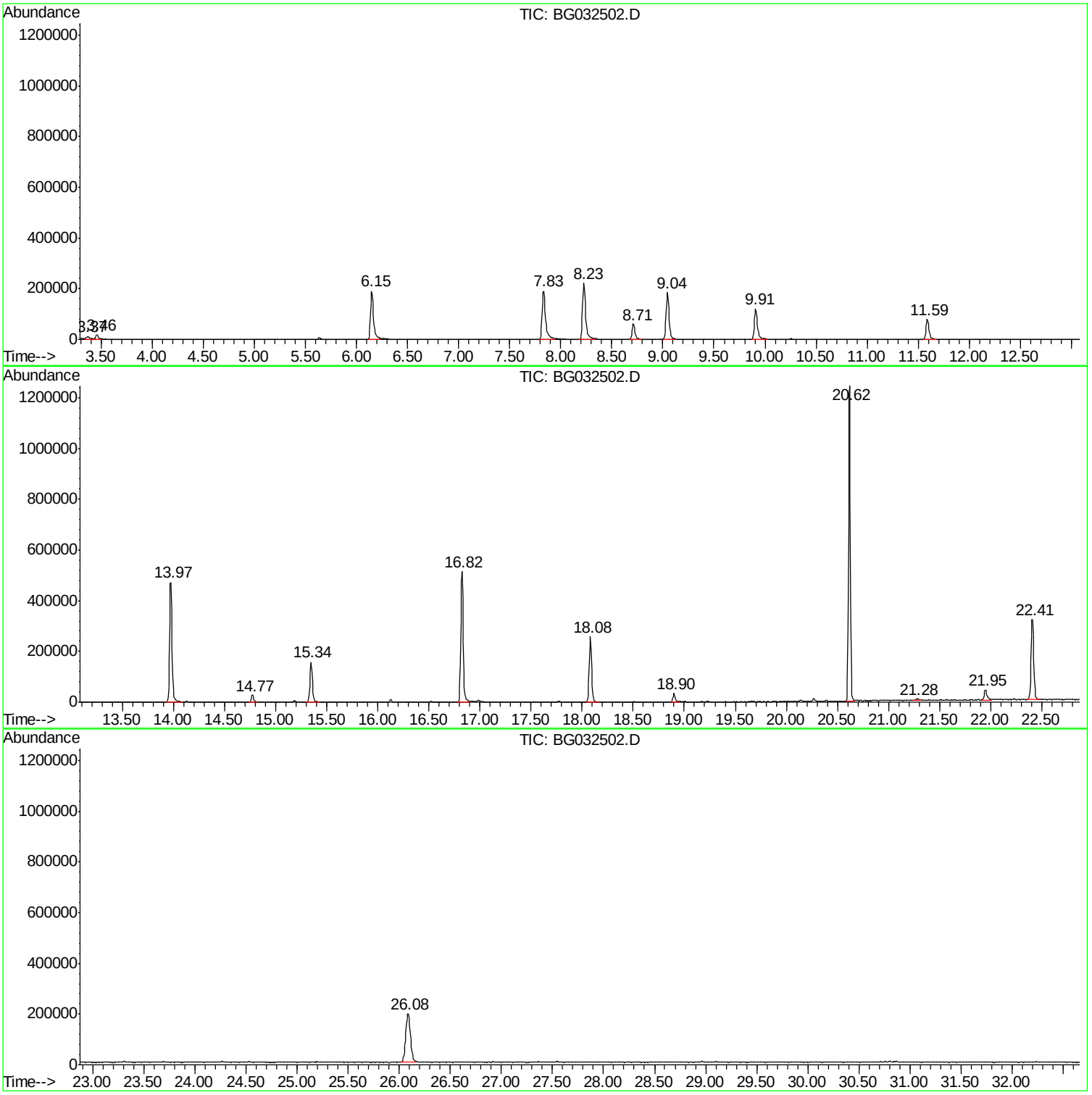
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

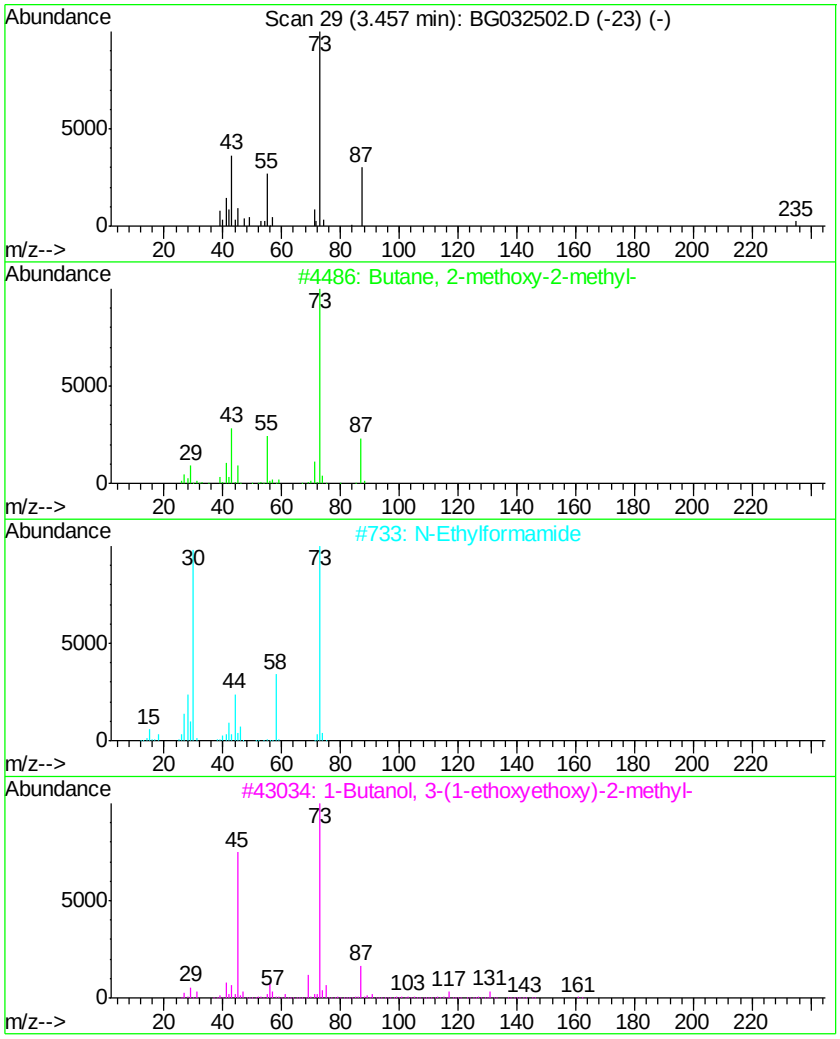
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

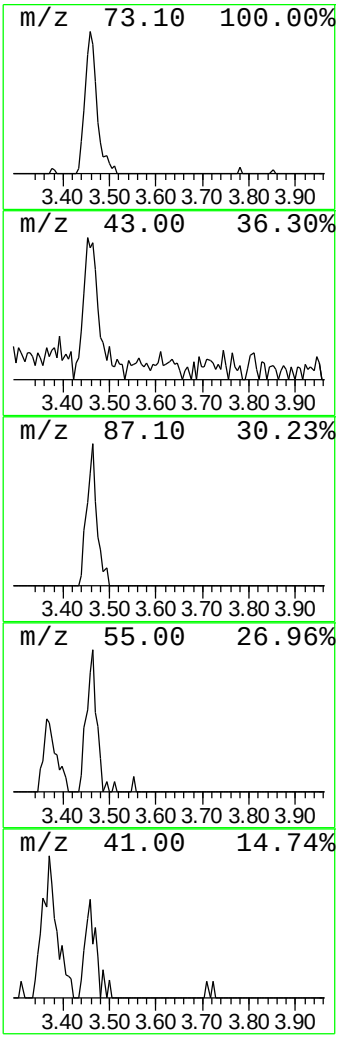
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	4.81 ng	30289	1,4-Dichlorobenzene-d4	8.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Butanol, 3-(1-ethoxyethoxy)-2-...	176	C9H20O3	059410-44-5	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

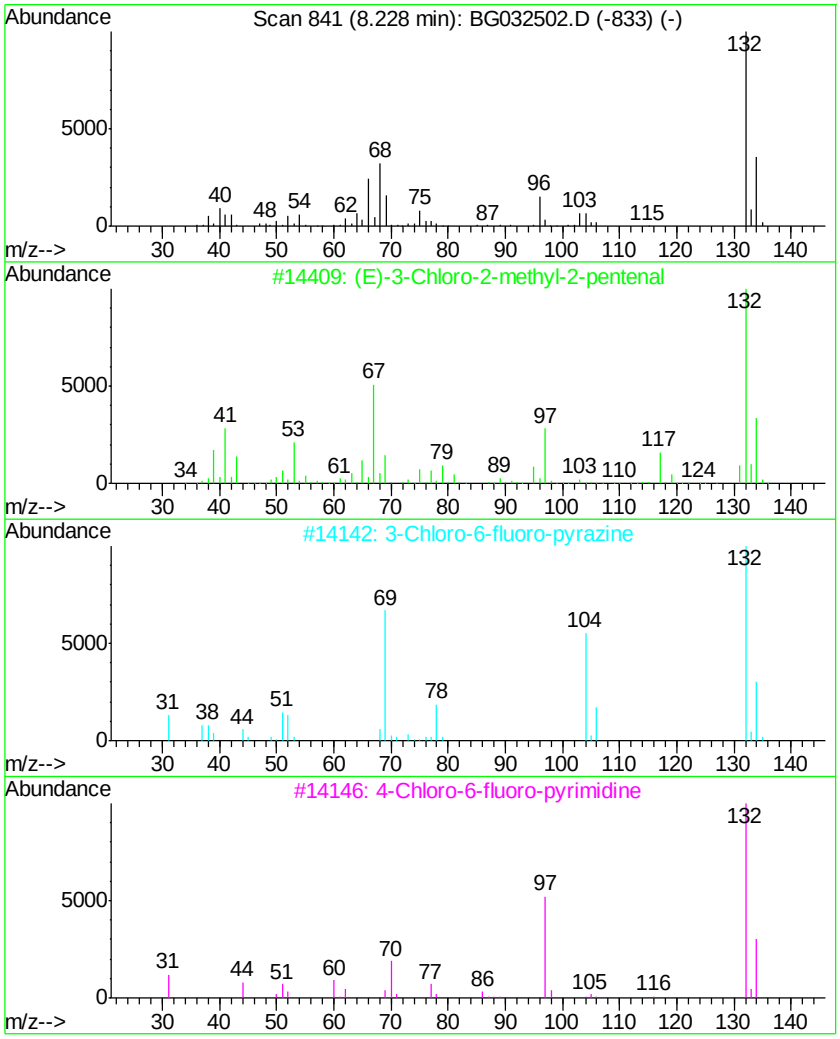
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

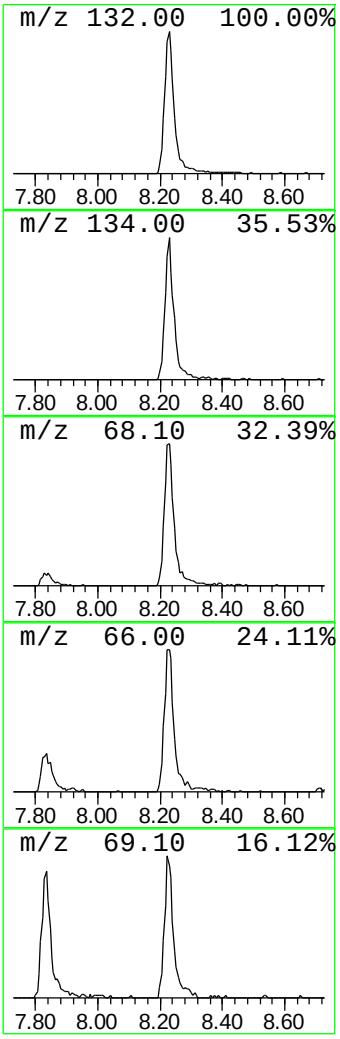
****

Peak Number 3 unknown8.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	74.75 ng	470440	1,4-Dichlorobenzene-d4	8.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

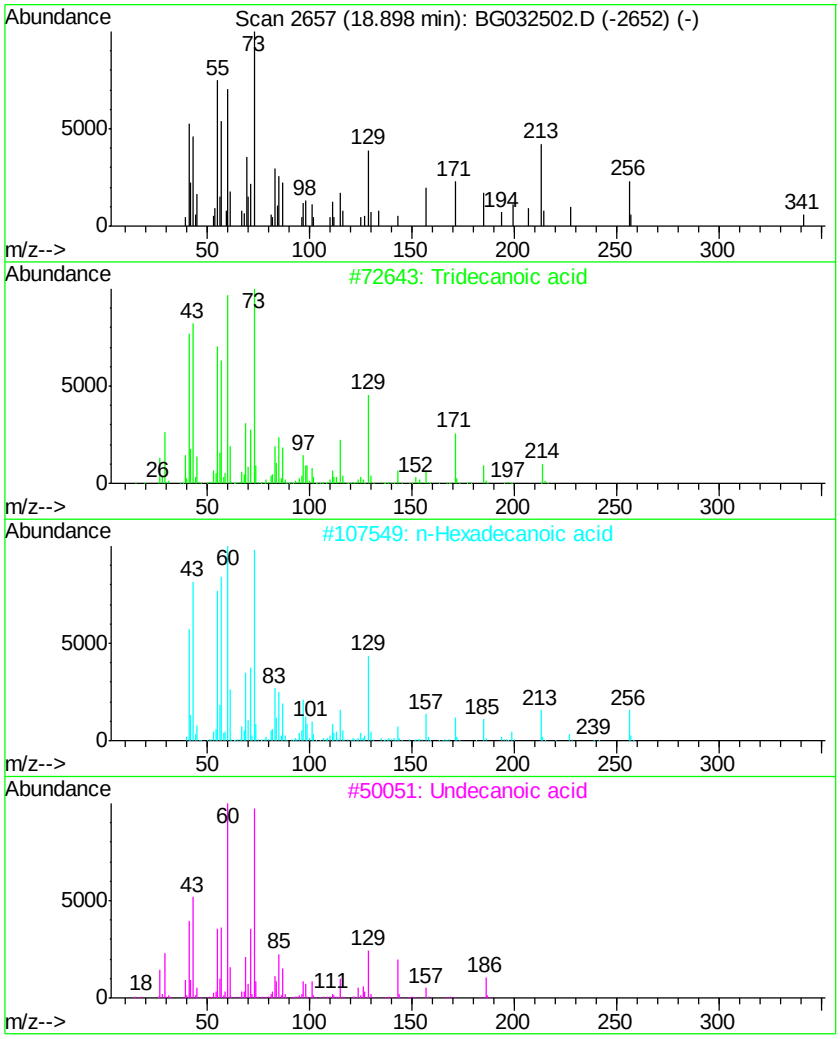
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

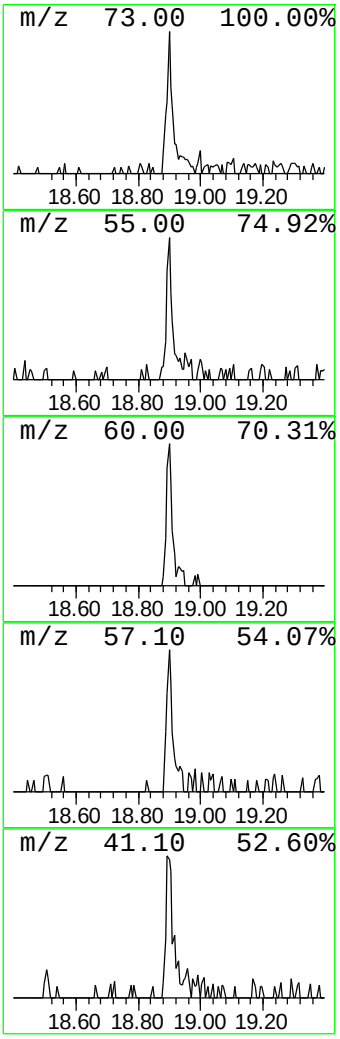
****

Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.62 ng	55262	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3	Undecanoic acid	186	C11H22O2	000112-37-8	43
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

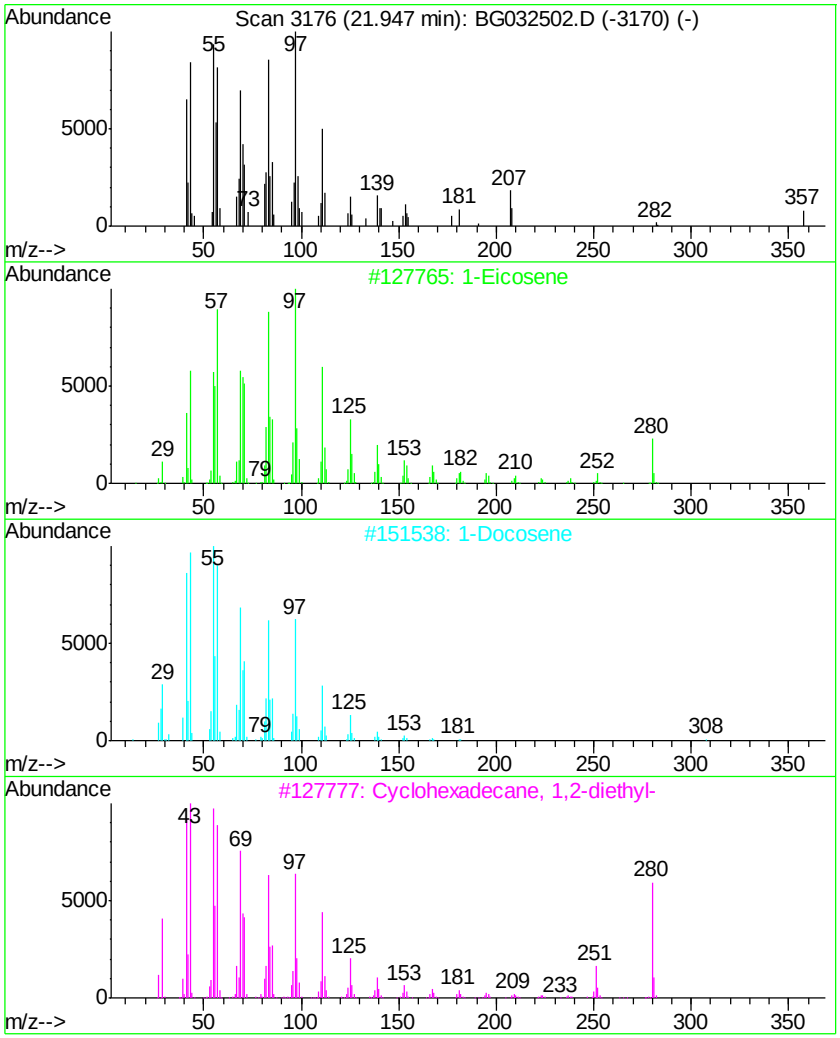
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

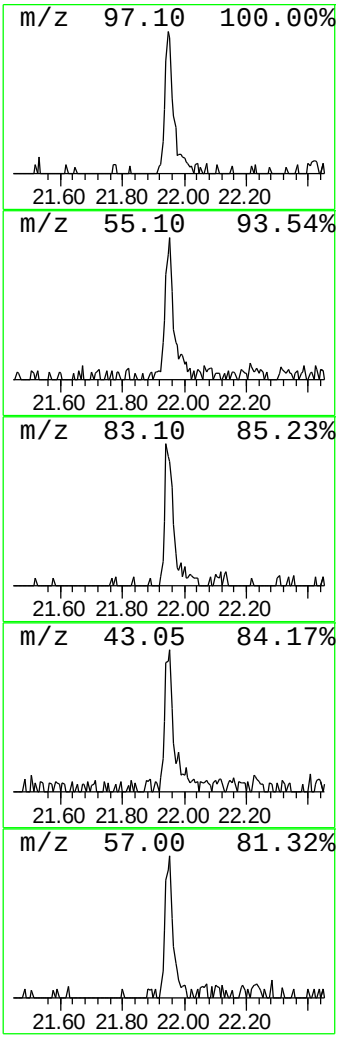
****

Peak Number 6 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.79 ng	83316	Chrysene-d12	22.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	83
2	1-Docosene	308	C22H44	001599-67-3	81
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	78
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	74
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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
Butane, 2-methoxy...	3.46	4.8	ng	30289	1	8.72	125875	20.0
unknown8.23	8.23	74.8	ng	470440	1	8.72	125875	20.0
Tridecanoic acid	18.90	2.6	ng	55262	4	18.08	422236	20.0
1-Eicosene	21.95	2.8	ng	83316	5	22.41	597639	20.0