LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

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-BG070816.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	3.046	31	35	40	rVB	76683	107235	1.25%	0.228%
2	5.226	401	406	413	rVB	83055	135707	1.59%	0.288%
3	5.696	479	486	497	rBV	1374652	2263197	26.44%	4.801%
4	7.306	751	760	771	rBV	1759315	3097899	36.20%	6.572%
5	7.682	816	824	833	rBV	1574300	2682350	31.34%	5.691%
6	8.152	898	904	910	rBV2	406013	710412	8.30%	1.507%
7	8.481	952	960	970	rVB	920011	1619600	18.92%	3.436%
8	9.327	1096	1104	1114	rBV	1057879	1946836	22.75%	4.130%
9	10.978	1378	1385	1392	rBV	631418	1148400	13.42%	2.436%
10	13.416	1793	1800	1807	rBV	3269901	4908582	57.36%	10.414%
11	14.239	1932	1940	1945	rBV	502346	741788	8.67%	1.574%
12	14.797	2028	2035	2045	rVB2	1152247	1900843	22.21%	4.033%
13	15.619	2171	2175	2180	rVB2	64359	86818	1.01%	0.184%
14	16.289	2276	2289	2298	rBV	3534291	5458584	63.78%	11.581%
15	16.483	2317	2322	2329	rBV	74228	125465	1.47%	0.266%
16	17.276	2454	2457	2461	rBV2	99428	121727	1.42%	0.258%
17	17.552	2497	2504	2512	rBV2	1575112	2473753	28.90%	5.248%
18	18.422	2647	2652	2659	rBV	225799	336676	3.93%	0.714%
19	19.685	2862	2867	2872	rBV4	77760	107722	1.26%	0.229%
20	20.155	2941	2947	2953	rVB	6342662	8558234	100.00%	18.157%
21	20.819	3053	3060	3072	rBV	1843809	2513477	29.37%	5.332%
22	21.454	3163	3168	3175	rBV6	176023	322643	3.77%	0.684%
23	21.847	3228	3235	3244	rVB	1755020	2919284	34.11%	6.193%
24	25.202	3795	3806	3819	rVB	964306	2848679	33.29%	6.044%

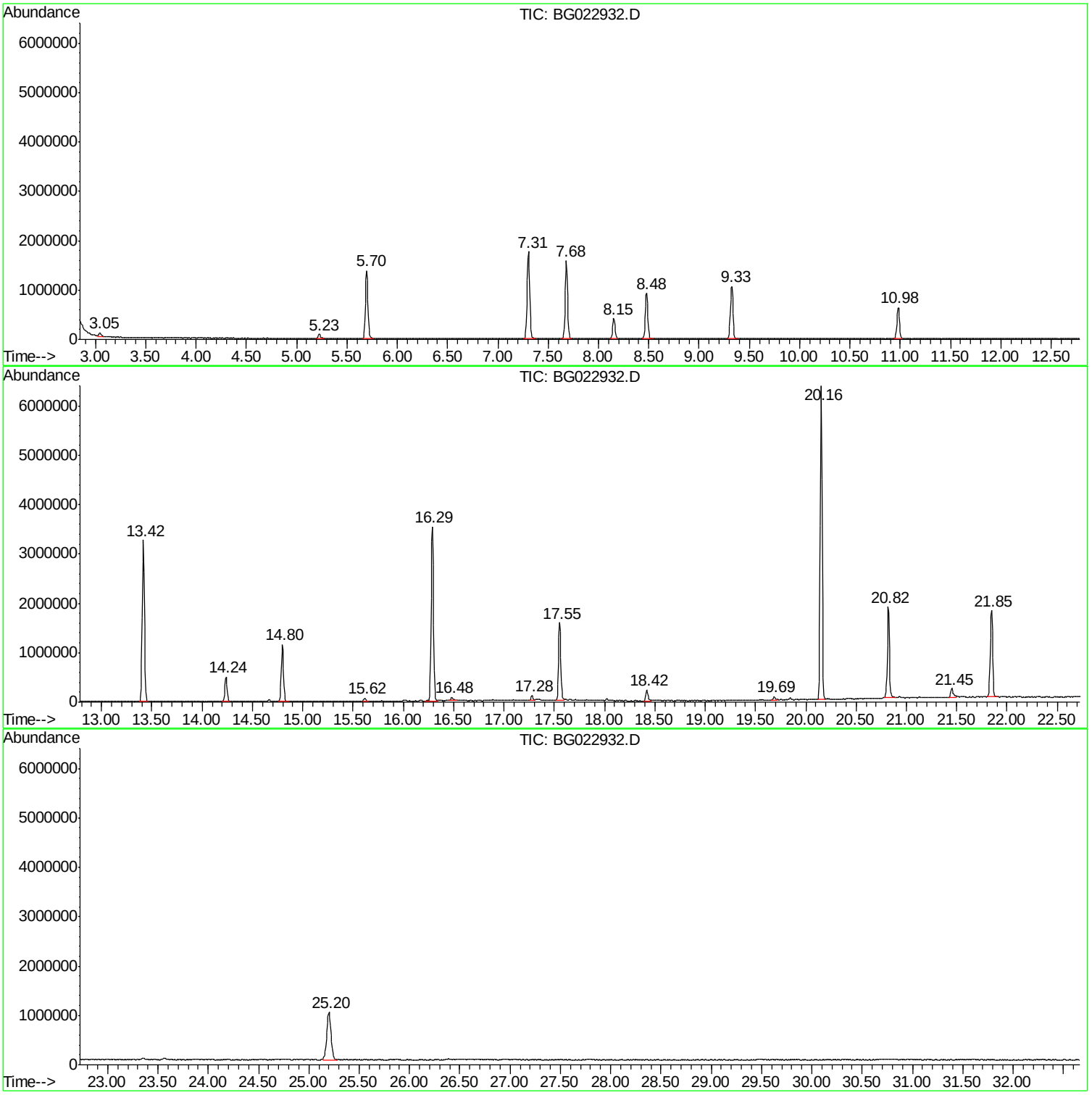
Sum of corrected areas: 47135911

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

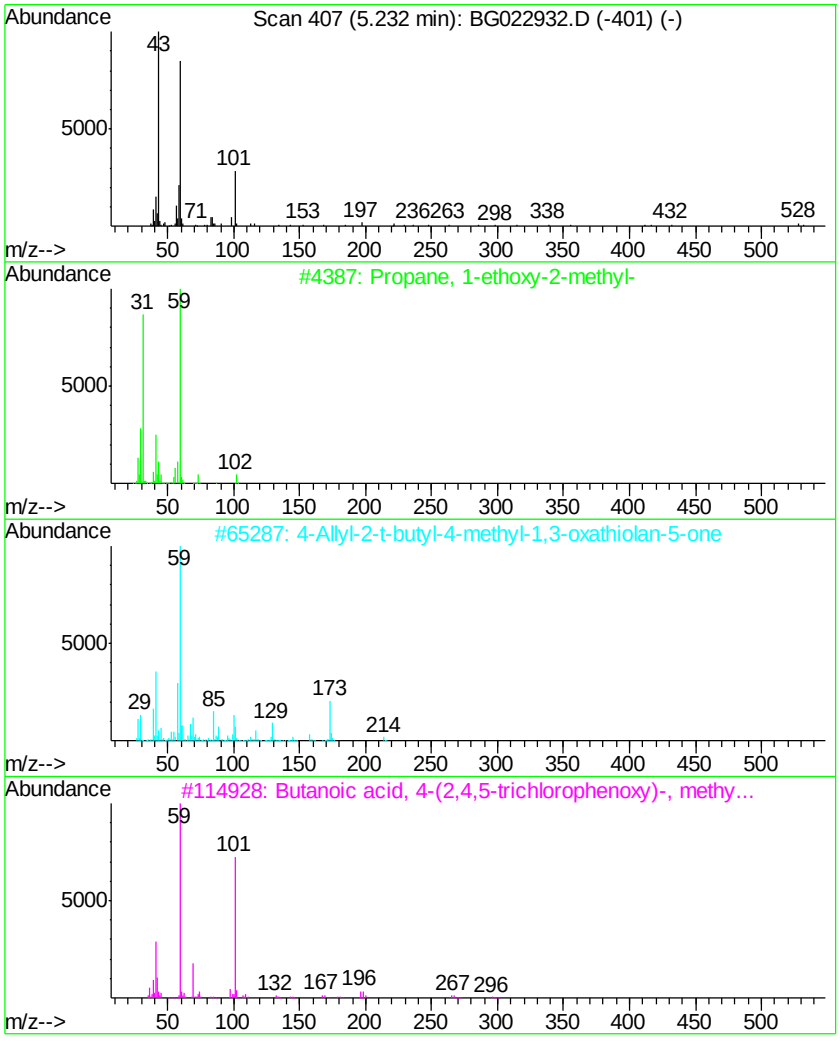
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

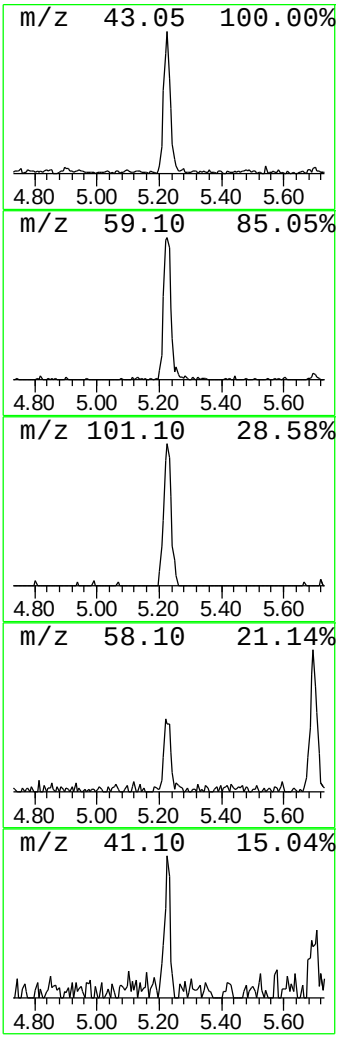
****

Peak Number 2 unknown5.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	3.82 ng	135707	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43
2	4-Allyl-2-t-butyl-4-methyl-1,3-o...	214	C11H18O2S	092572-53-7	25
3	Butanoic acid, 4-(2,4,5-trichlor...	296	C11H11Cl3O3	025333-21-5	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

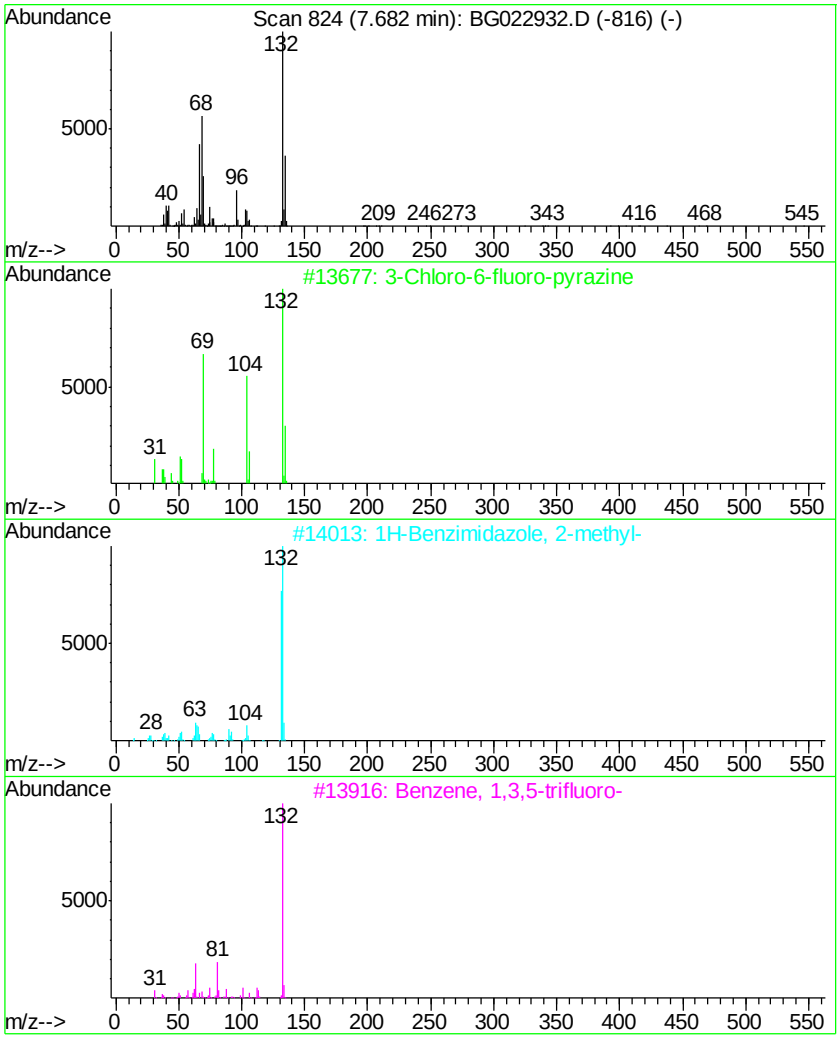
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

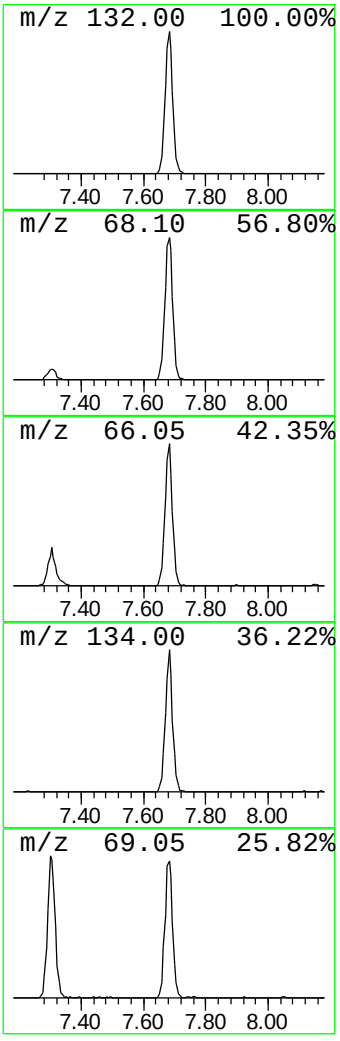
****

Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	75.52 ng	2682350	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

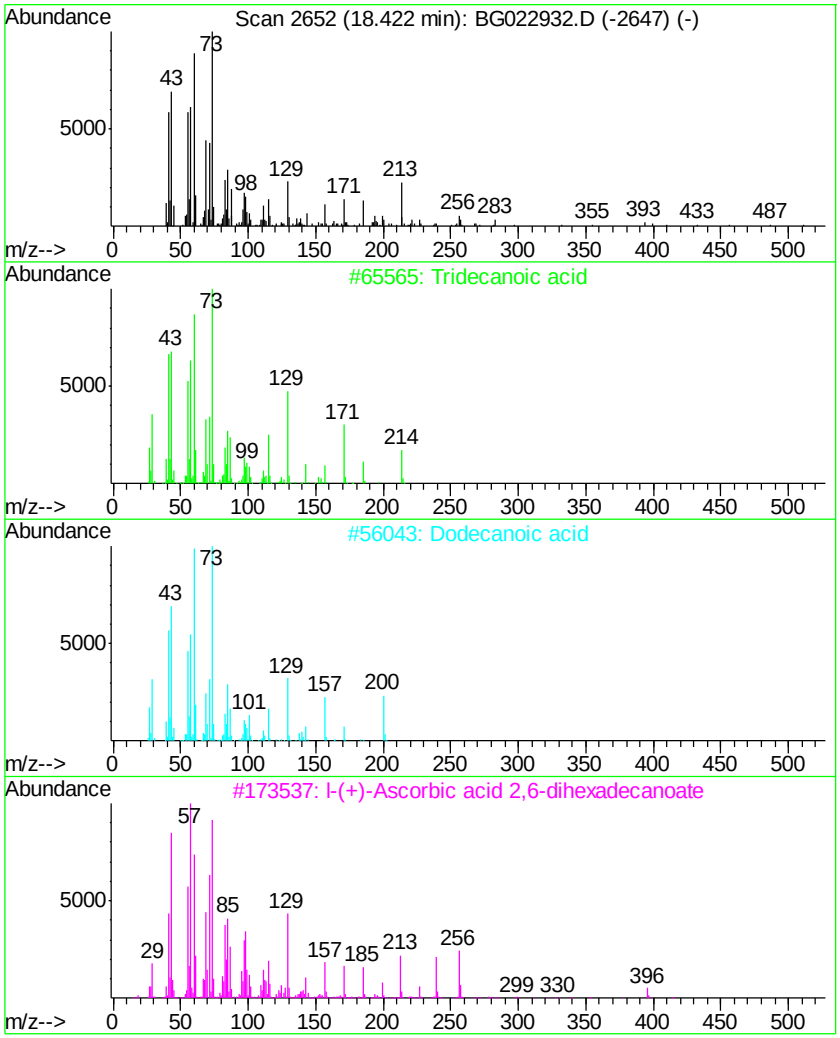
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

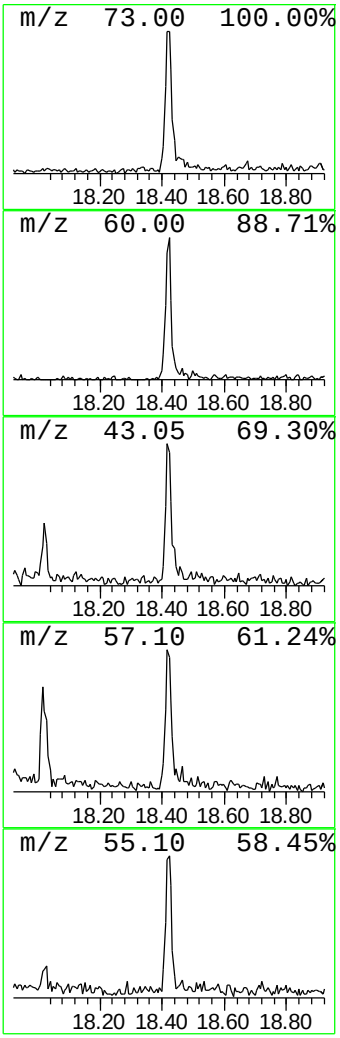
****

Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.72 ng	336676	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Dodecanoic acid	200	C12H24O2	000143-07-7	76
3	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	58
4	Octanoic Acid	144	C8H16O2	000124-07-2	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

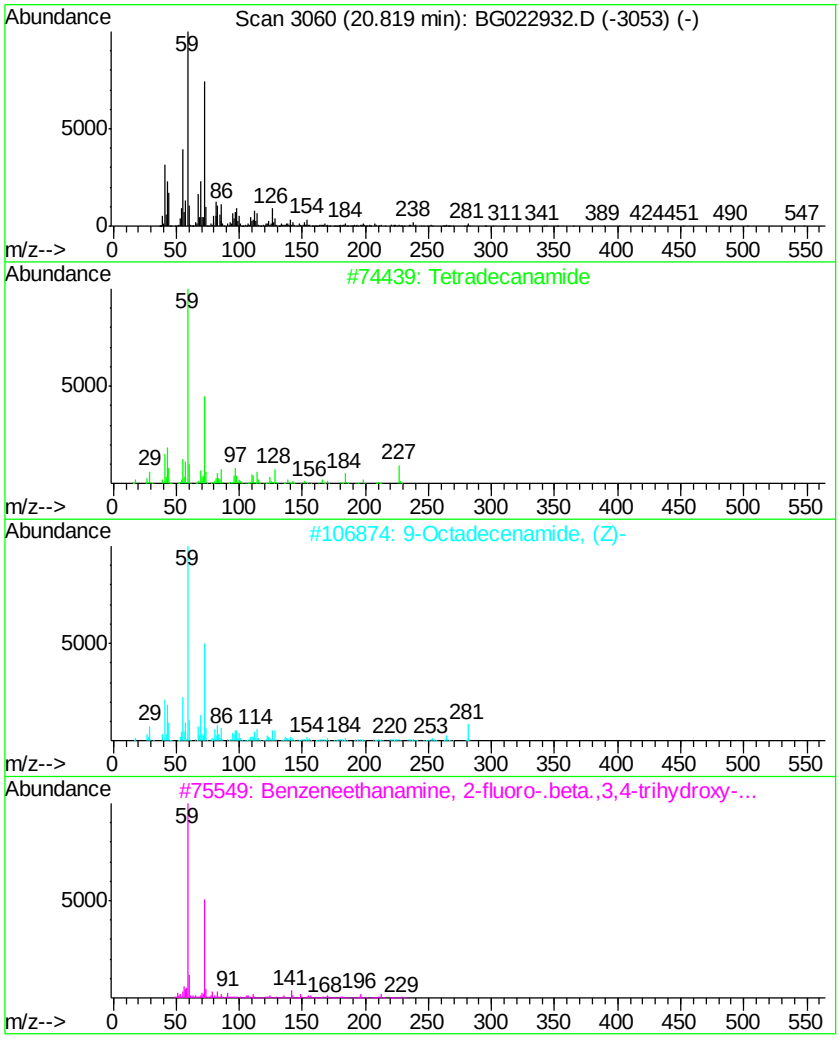
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

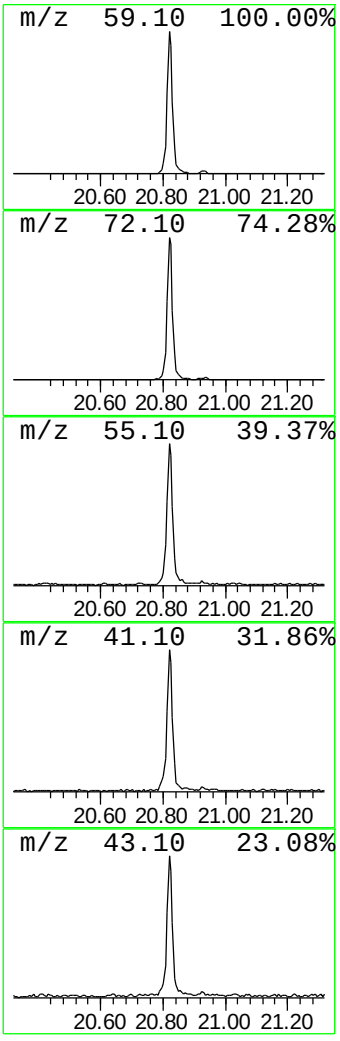
****

Peak Number 6 Tetradecanamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	17.22 ng	2513480	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	7-Nonenamide	155	C9H17NO	090949-53-4	53
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

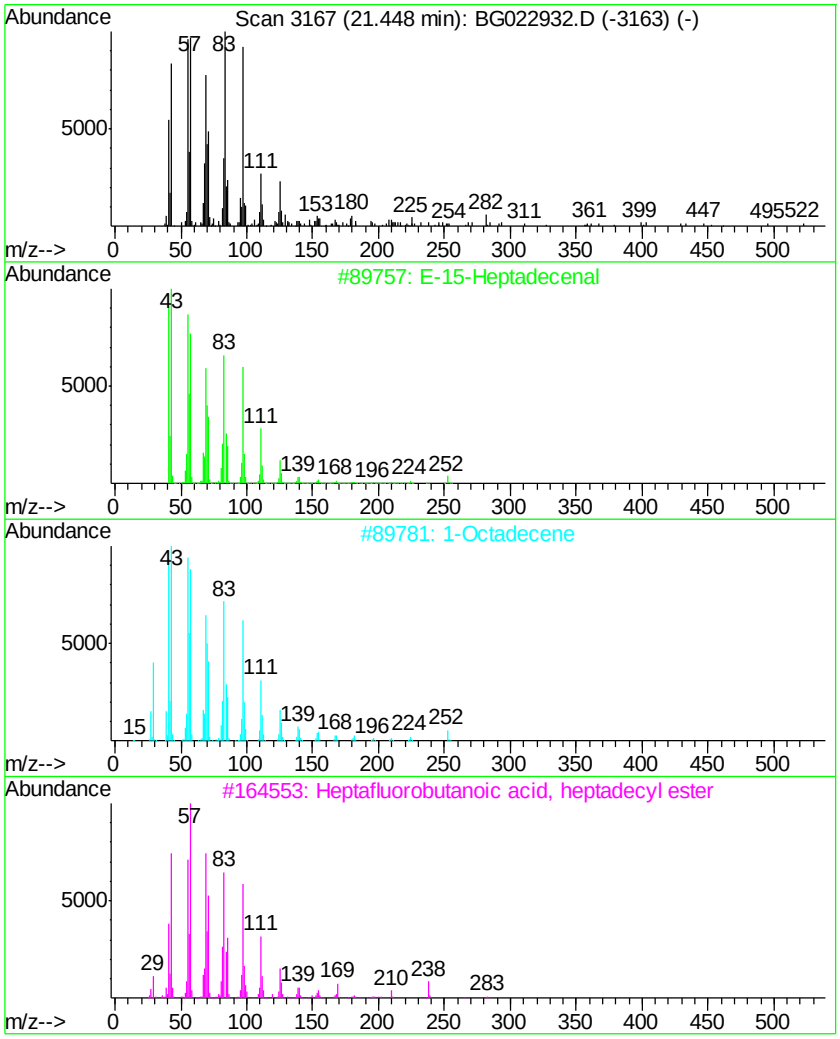
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

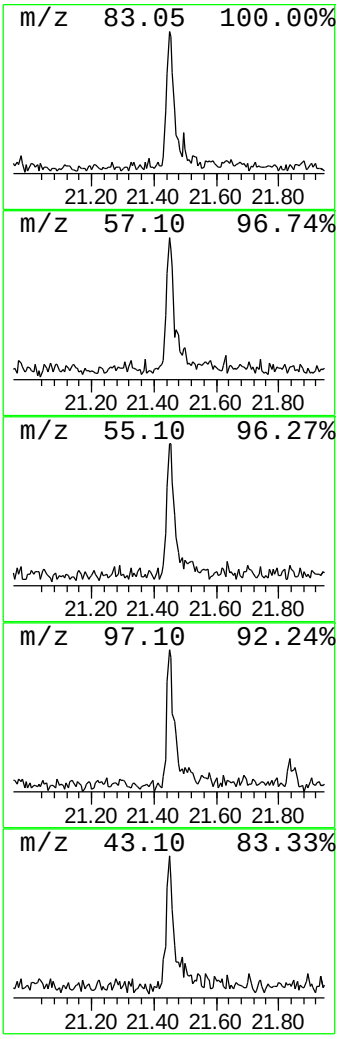
****

Peak Number 7 E-15-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.21 ng	322643	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	74
2	1-Octadecene	252	C18H36	000112-88-9	70
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	60
5	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
Data File : BG022932.D
Acq On : 8 Jul 2016 15:24
Operator : UM/SJ
Sample : H3876-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B-LOCATION-5-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
unknown5.23	5.23	3.8	ng	135707	1	8.16	710412	20.0
unknown7.68	7.68	75.5	ng	2682350	1	8.16	710412	20.0
Tridecanoic acid	18.42	2.7	ng	336676	4	17.55	2473750	20.0
Tetradecanamide	20.82	17.2	ng	2513480	5	21.85	2919280	20.0
E-15-Heptadecenal	21.45	2.2	ng	322643	5	21.85	2919280	20.0