LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038667.D
Acq On : 17 Dec 2018 17:43
Operator : JU/SJ
Sample : J6357-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01B

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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	3.182	12	16	26	rVB	69915	115741	6.38%	1.342%
2	5.144	345	350	359	rVB2	21566	35590	1.96%	0.413%
3	5.609	422	429	440	rVB	385979	650482	35.88%	7.544%
4	7.213	694	702	714	rBV	399890	757024	41.75%	8.779%
5	7.589	758	766	774	rBV	373940	661925	36.51%	7.676%
6	8.059	838	846	852	rBV	68995	119410	6.59%	1.385%
7	8.382	894	901	909	rVB	274506	499135	27.53%	5.789%
8	9.234	1038	1046	1057	rBV	233573	442503	24.41%	5.132%
9	10.879	1318	1326	1335	rBV	84036	156722	8.64%	1.818%
10	13.317	1733	1741	1753	rBV	621291	987633	54.47%	11.454%
11	14.140	1874	1881	1887	rBV	40008	58596	3.23%	0.680%
12	14.698	1968	1976	1984	rBV2	140161	231743	12.78%	2.688%
13	16.184	2222	2229	2238	rBV	537363	841412	46.41%	9.758%
14	17.442	2437	2443	2454	rVB	202797	314028	17.32%	3.642%
15	18.305	2584	2590	2599	rBV2	39767	66108	3.65%	0.767%
16	19.569	2800	2805	2813	rBV4	16588	27848	1.54%	0.323%
17	20.045	2880	2886	2892	rBV	1403158	1813108	100.00%	21.027%
18	21.320	3098	3103	3116	rBV2	50691	100950	5.57%	1.171%
19	21.719	3165	3171	3180	rVB2	220984	381142	21.02%	4.420%
20	25.021	3723	3733	3745	rVB3	125036	361665	19.95%	4.194%

Sum of corrected areas: 8622765

LSC Report - Integrated Chromatogram

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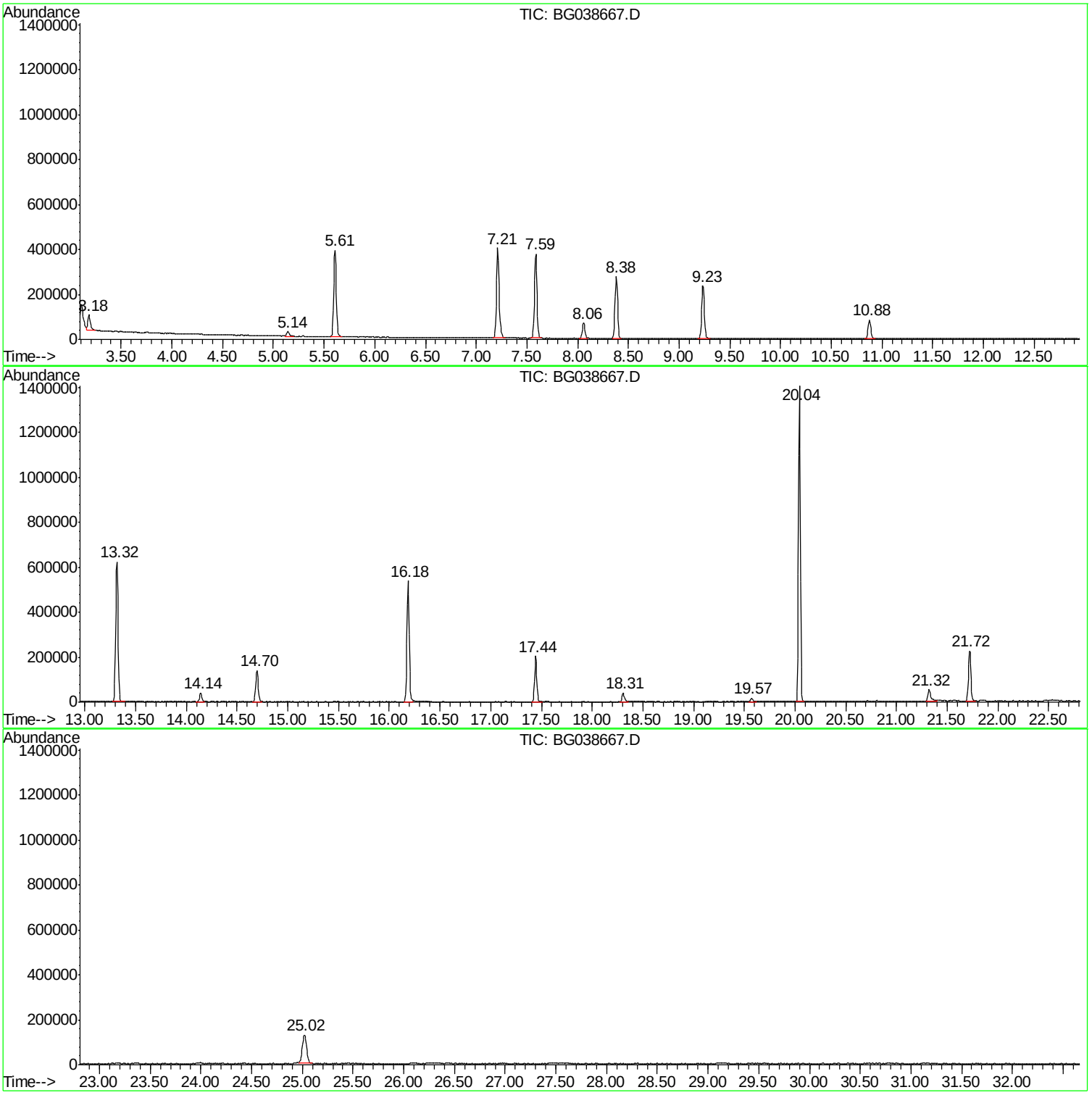
Operator : JU/SJ
Sample : J6357-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038667.D
Acq On : 17 Dec 2018 17:43
Operator : JU/SJ
Sample : J6357-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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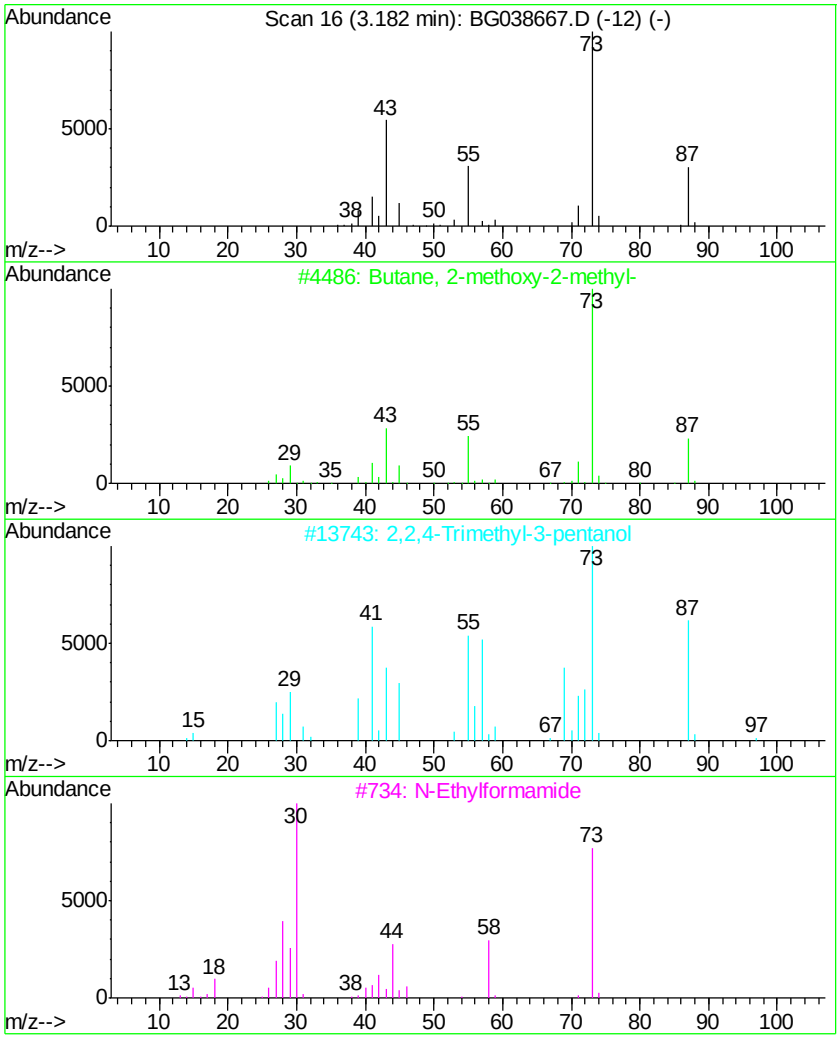
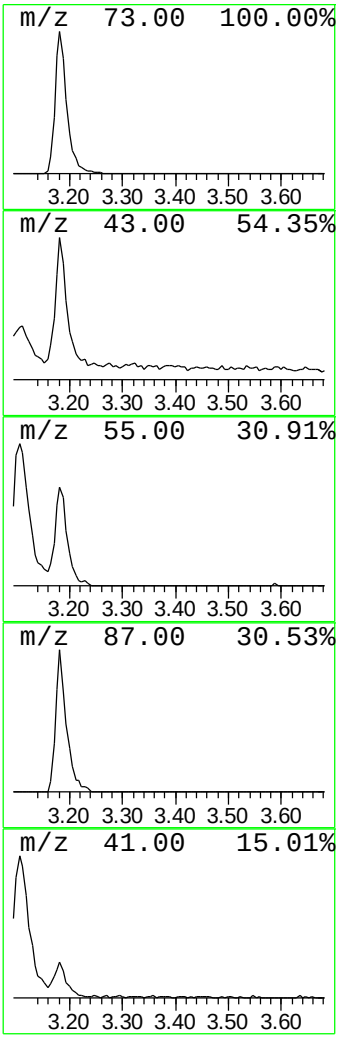
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	19.39 ng	115741	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9





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Data File : BG038667.D
Acq On : 17 Dec 2018 17:43
Operator : JU/SJ
Sample : J6357-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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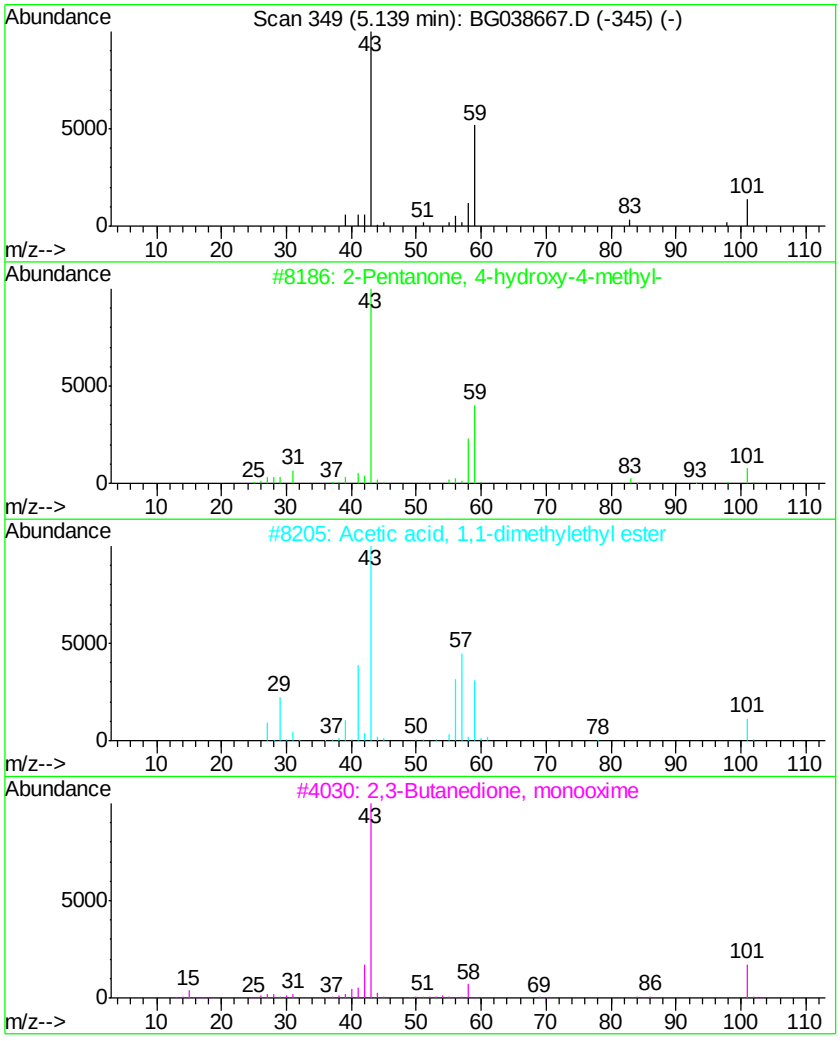
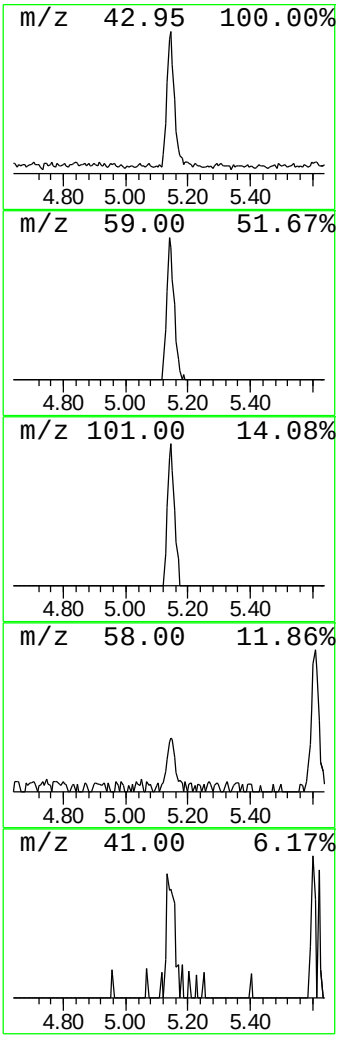
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	5.96 ng	35590	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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Operator : JU/SJ
Sample : J6357-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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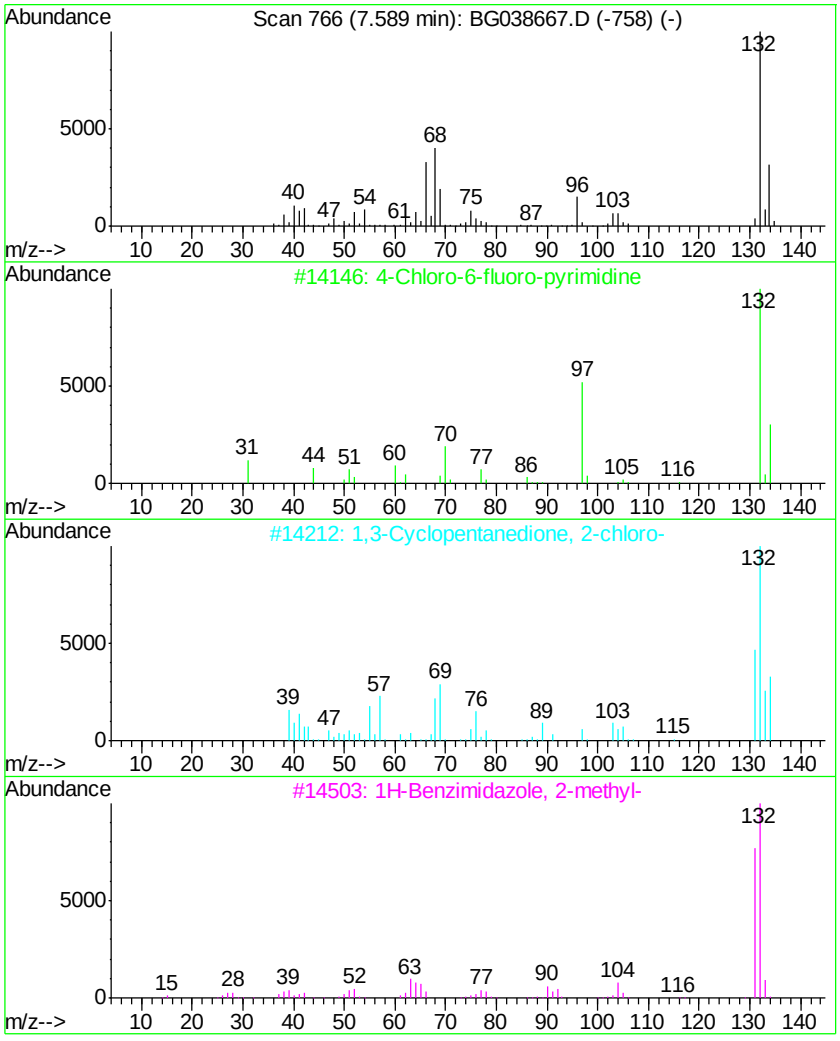
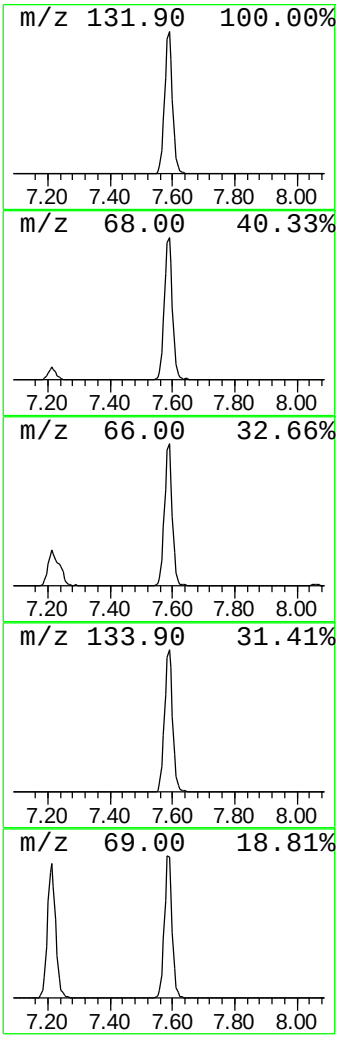
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	110.87 ng	661925	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Operator : JU/SJ
Sample : J6357-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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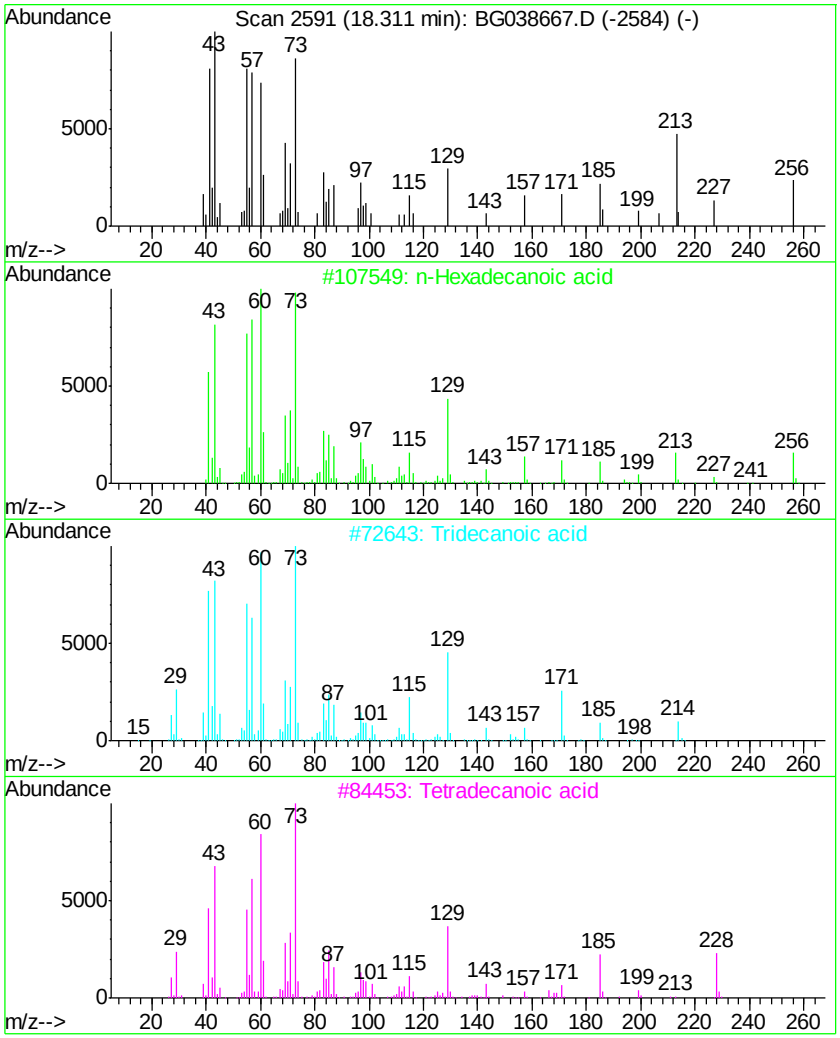
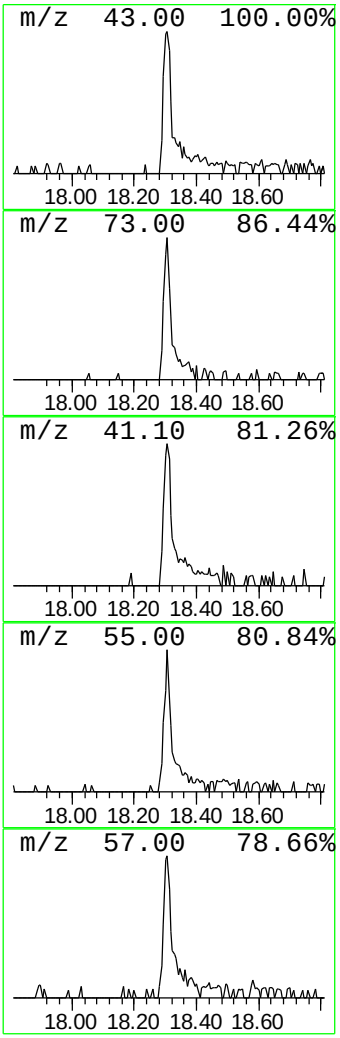
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.21 ng	66108	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-01B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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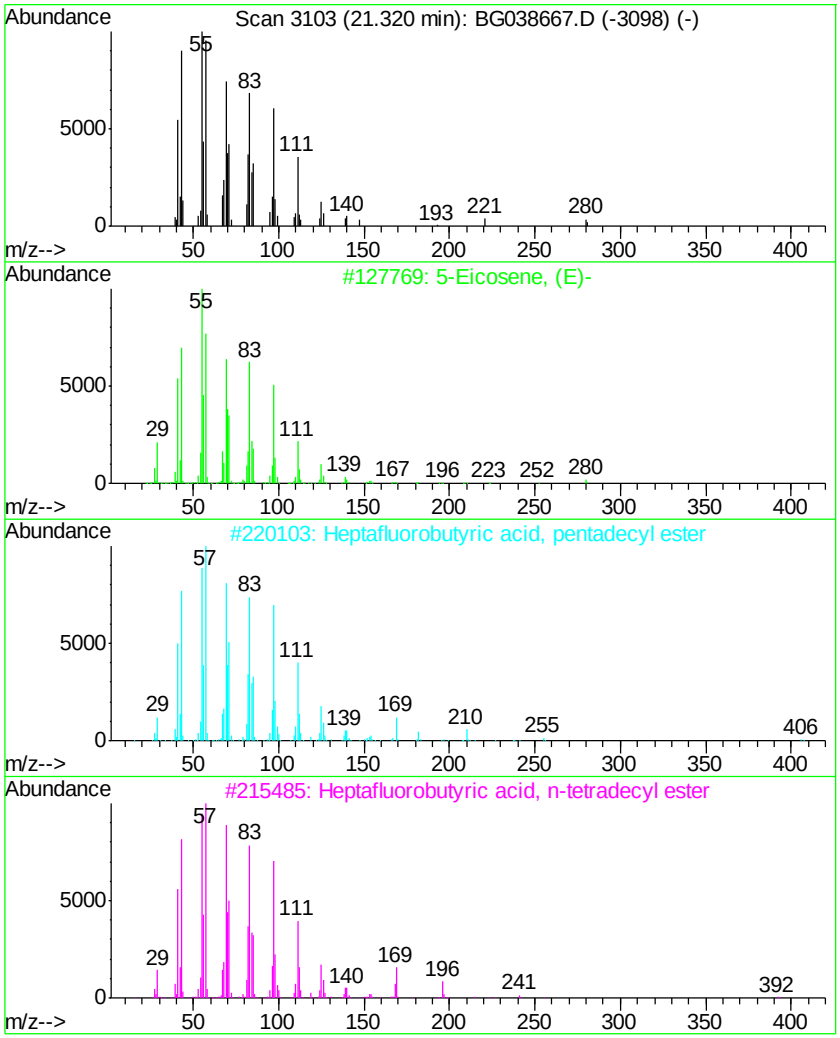
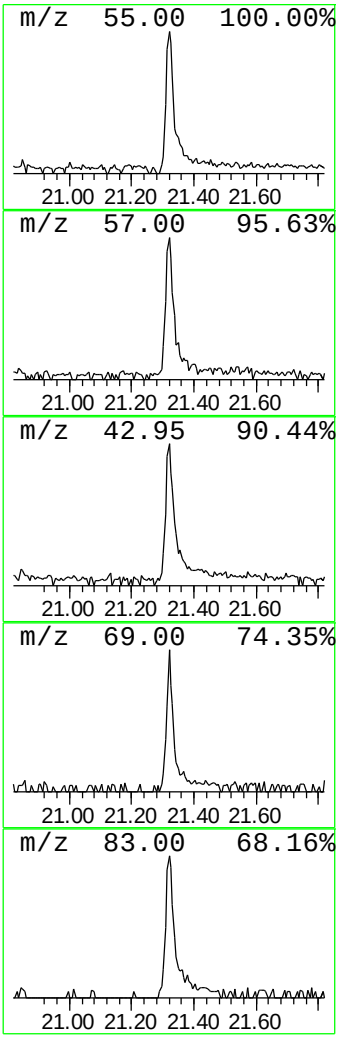
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.30 ng	100950	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Tentatively Identified Compound (LSC) summary

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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...	3.18	19.4	ng	115741	1	8.06	119410	20.0
2-Pentanone, 4-hy...	5.14	6.0	ng	35590	1	8.06	119410	20.0
unknown7.59	7.59	110.9	ng	661925	1	8.06	119410	20.0
n-Hexadecanoic acid	18.31	4.2	ng	66108	4	17.44	314028	20.0
5-Eicosene, (E)-	21.32	5.3	ng	100950	5	21.72	381142	20.0