LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038598.D
Acq On : 15 Dec 2018 10:54
Operator : JU/SJ
Sample : J6340-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03B

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	3.184	12	16	25	rVB	58462	89802	4.85%	1.001%
2	5.141	345	349	357	rVB	23315	35945	1.94%	0.401%
3	5.605	422	428	441	rVB	394714	670034	36.21%	7.466%
4	7.209	694	701	713	rBV	402227	779448	42.12%	8.686%
5	7.585	758	765	776	rVB	393757	693262	37.46%	7.725%
6	8.061	839	846	853	rBV	76051	134091	7.25%	1.494%
7	8.384	893	901	909	rVB	292755	530721	28.68%	5.914%
8	9.236	1038	1046	1055	rBV	250520	472493	25.53%	5.265%
9	10.875	1318	1325	1337	rBV	97377	186716	10.09%	2.081%
10	13.313	1732	1740	1751	rBV	690895	1074827	58.08%	11.977%
11	14.142	1874	1881	1891	rBV	37439	60966	3.29%	0.679%
12	14.694	1967	1975	1985	rBV2	167845	272965	14.75%	3.042%
13	16.186	2222	2229	2243	rBV2	507269	831093	44.91%	9.261%
14	17.444	2436	2443	2453	rBV	227632	359706	19.44%	4.008%
15	18.302	2584	2589	2598	rBV2	27558	42602	2.30%	0.475%
16	20.047	2879	2886	2894	rBV	1322258	1850638	100.00%	20.622%
17	21.316	3099	3102	3112	rBV3	10908	22106	1.19%	0.246%
18	21.721	3163	3171	3179	rBV	257146	433435	23.42%	4.830%
19	23.366	3445	3451	3460	rVB3	11627	23753	1.28%	0.265%
20	25.017	3721	3732	3743	rVB2	137527	409457	22.13%	4.563%

Sum of corrected areas: 8974060

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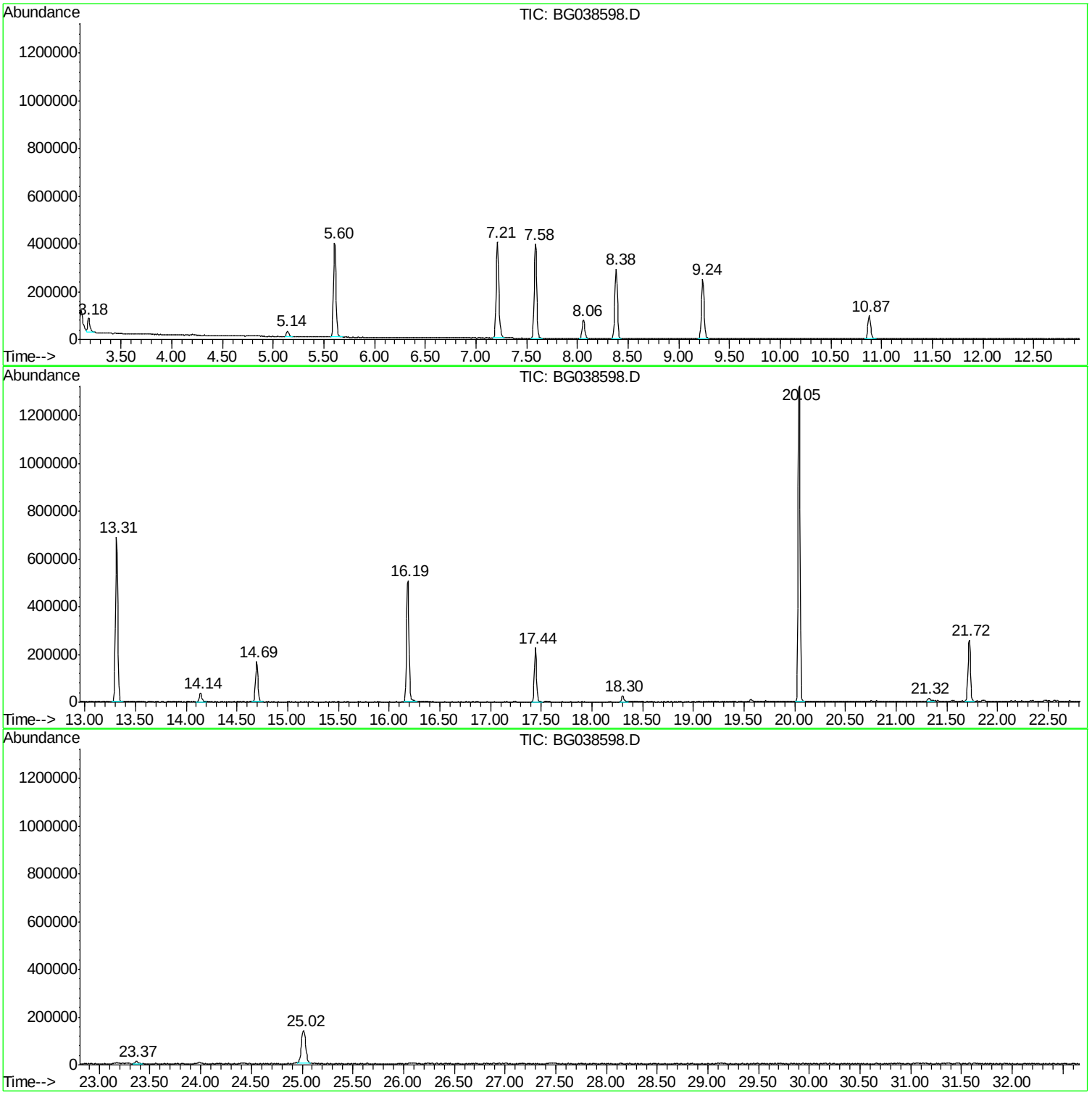
BNA_G
ClientSampleId :
SB-03B

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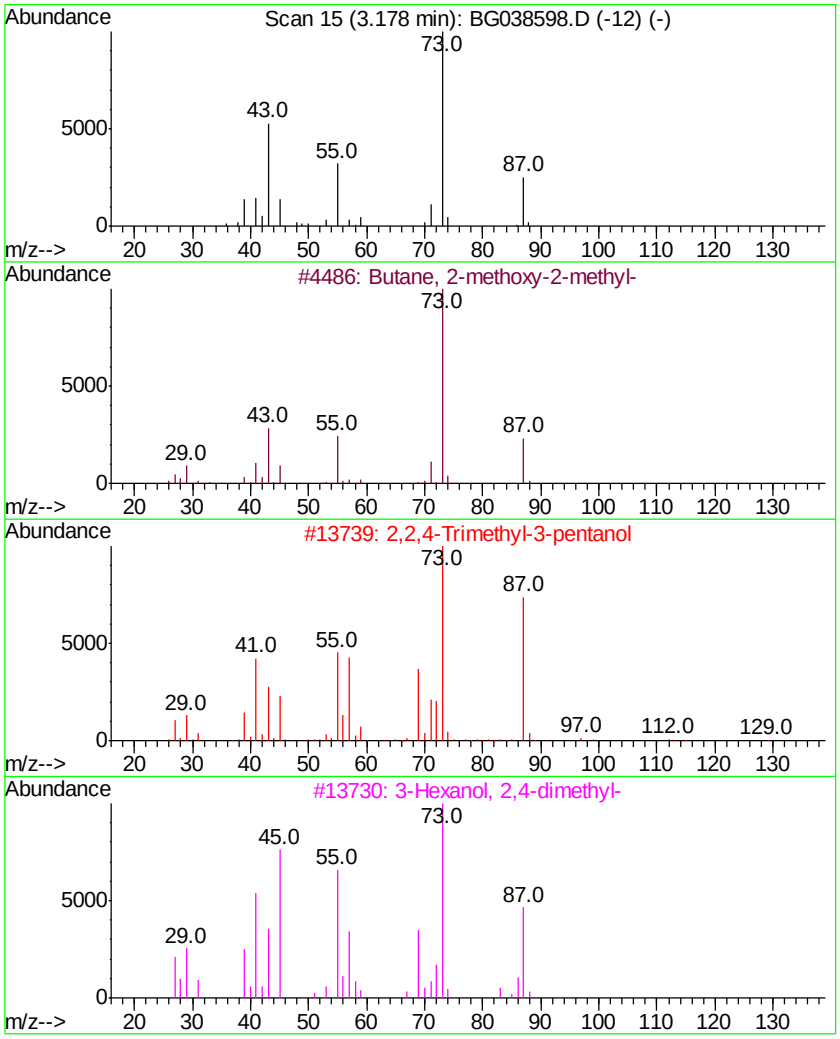
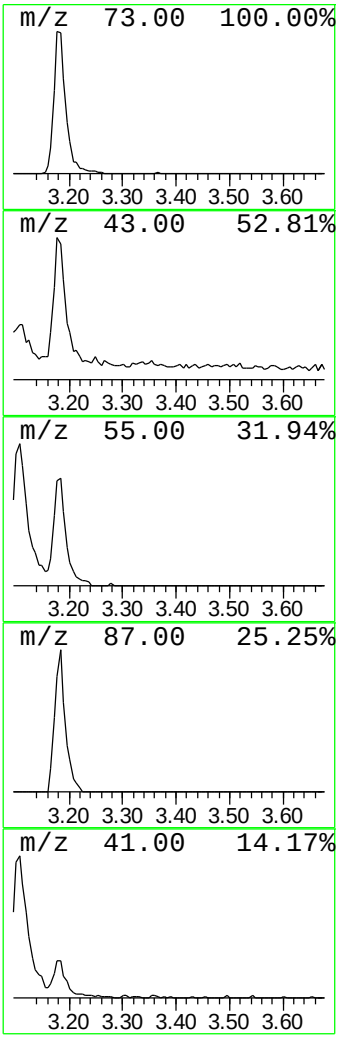
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	13.39 ng	89802	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	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SB-03B

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

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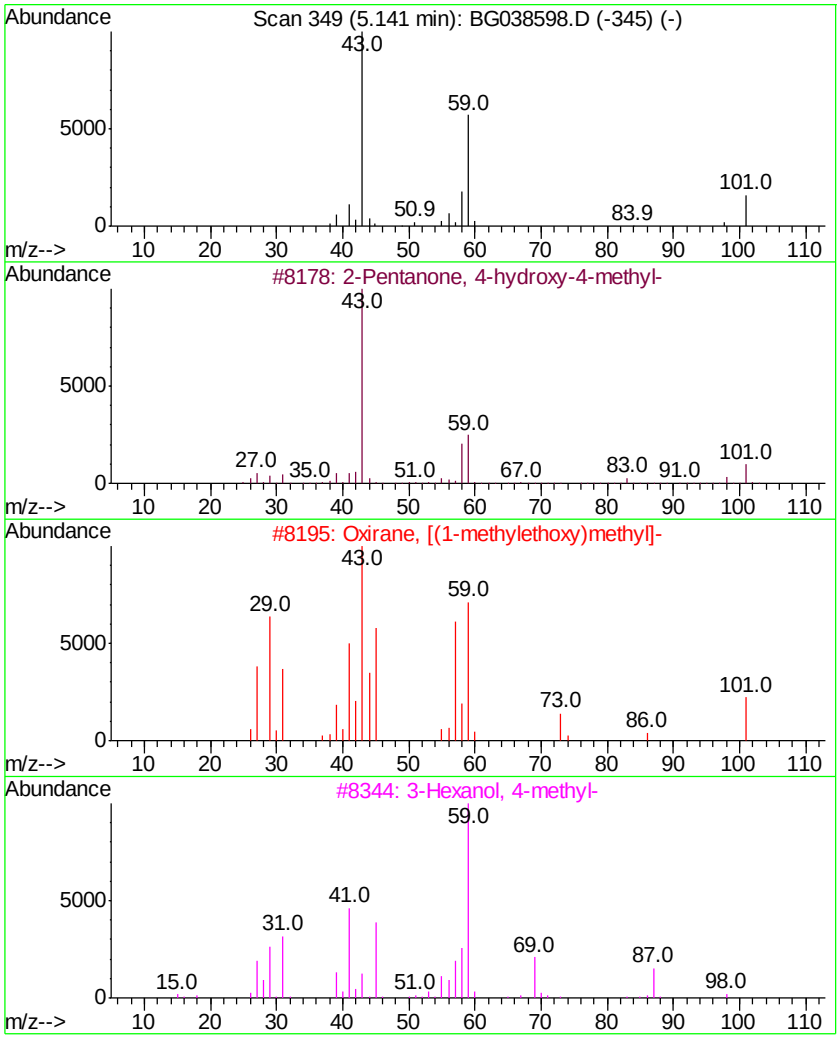
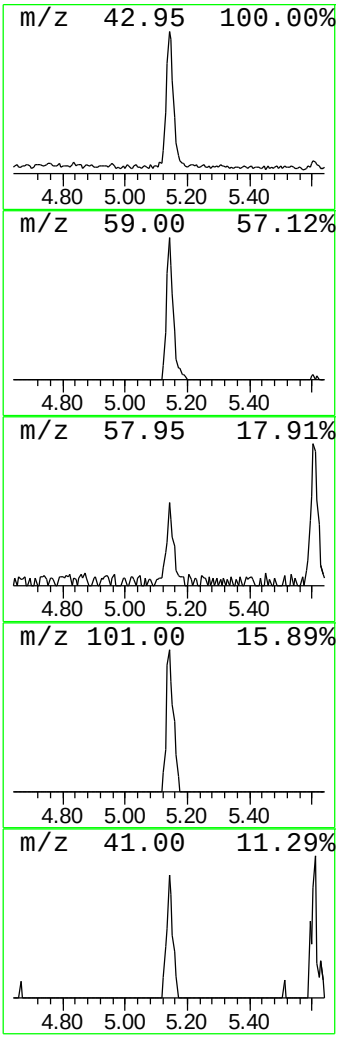
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	5.36 ng	35945	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	50
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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Sample : J6340-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03B

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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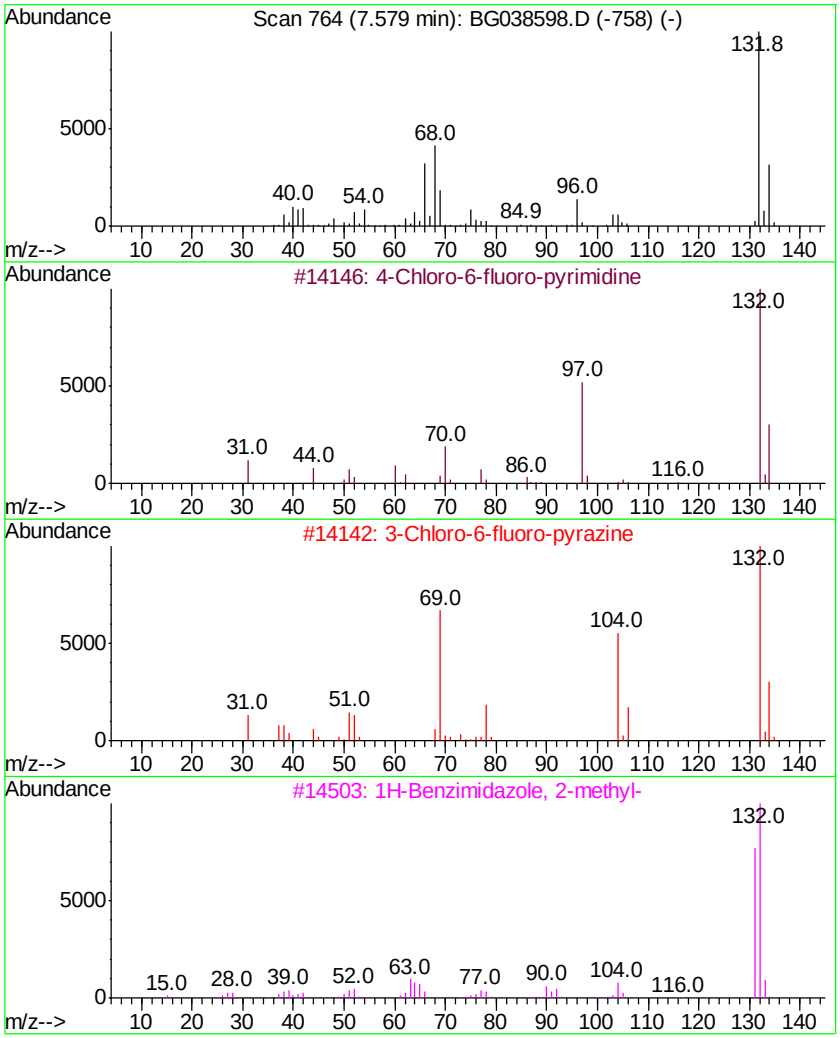
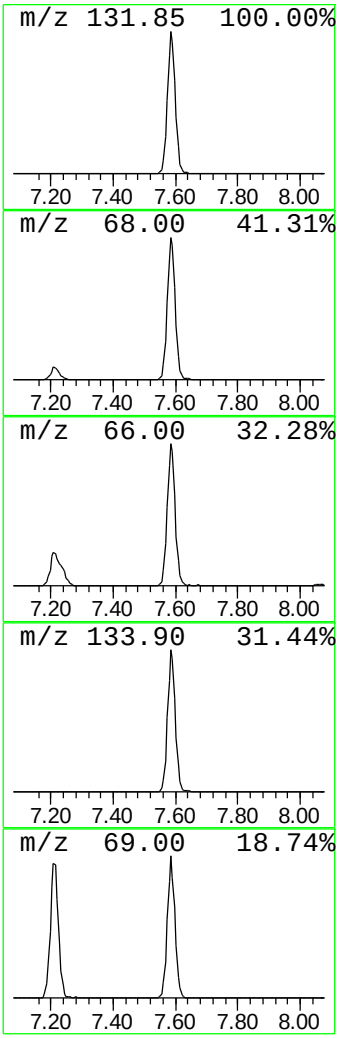
Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	103.40 ng	693262	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	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Instrument : BNA_G
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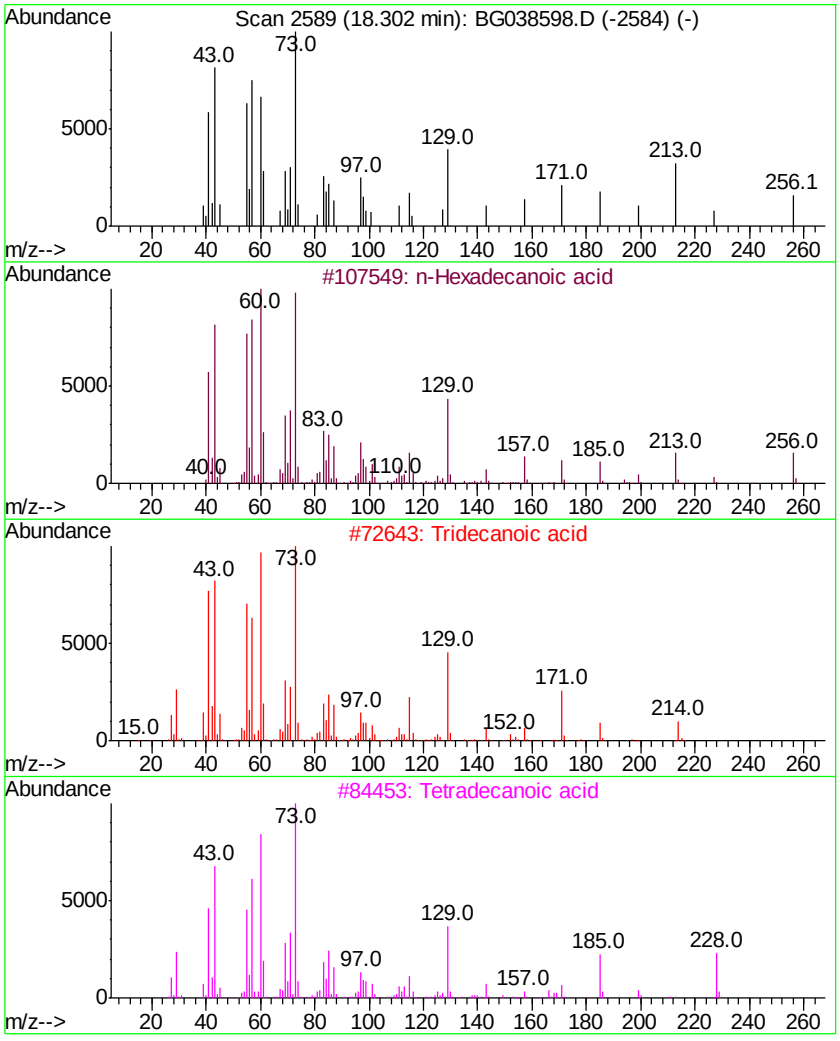
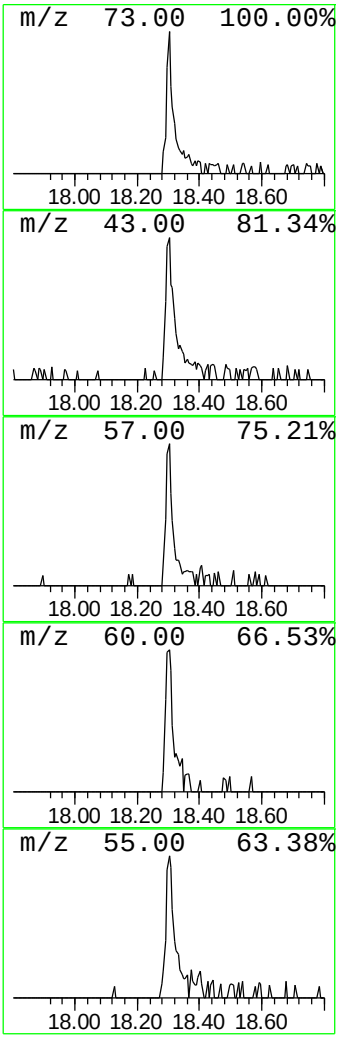
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.37 ng	42602	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5	Lactose	342	C12H22O11	000063-42-3	43





Tentatively Identified Compound (LSC) summary

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ClientSampleId : SB-03B

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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...	3.18	13.4	ng	89802	1	8.06	134091	20.0
2-Pentanone, 4-hy...	5.14	5.4	ng	35945	1	8.06	134091	20.0
unknown7.58	7.58	103.4	ng	693262	1	8.06	134091	20.0
n-Hexadecanoic acid	18.30	2.4	ng	42602	4	17.44	359706	20.0