LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
Data File : BG046218.D
Acq On : 11 Aug 2020 15:25
Operator : CG/JU
Sample : L3624-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-TP-1

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-BG073020.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	3.155	6	11	22	rVB	263053	365237	8.16%	1.781%
2	5.065	331	336	346	rVB	30606	48436	1.08%	0.236%
3	5.535	409	416	427	rBV	728345	1136240	25.38%	5.540%
4	7.115	677	685	695	rBV	726763	1246537	27.85%	6.078%
5	7.950	819	827	836	rBV	287201	472544	10.56%	2.304%
6	9.101	1014	1023	1032	rBV	473472	834685	18.65%	4.070%
7	10.746	1296	1303	1312	rVB	379998	662927	14.81%	3.232%
8	13.202	1713	1721	1732	rBV	1387111	2162446	48.31%	10.544%
9	14.025	1856	1861	1867	rBV	63658	99660	2.23%	0.486%
10	14.577	1947	1955	1963	rBV2	604828	991020	22.14%	4.832%
11	16.058	2201	2207	2220	rBV	1340902	2155616	48.15%	10.511%
12	17.315	2415	2421	2431	rBV	933440	1420976	31.74%	6.929%
13	19.930	2860	2866	2880	rBV	3441619	4476419	100.00%	21.827%
14	21.228	3083	3087	3097	rBV	468679	662547	14.80%	3.231%
15	21.563	3137	3144	3154	rBV	1073657	1734283	38.74%	8.456%
16	22.380	3279	3283	3291	rVB6	41194	81384	1.82%	0.397%
17	24.671	3662	3673	3682	rBV2	631875	1786525	39.91%	8.711%
18	25.934	3883	3888	3904	rVB8	52145	171199	3.82%	0.835%

Sum of corrected areas: 20508681

LSC Report - Integrated Chromatogram

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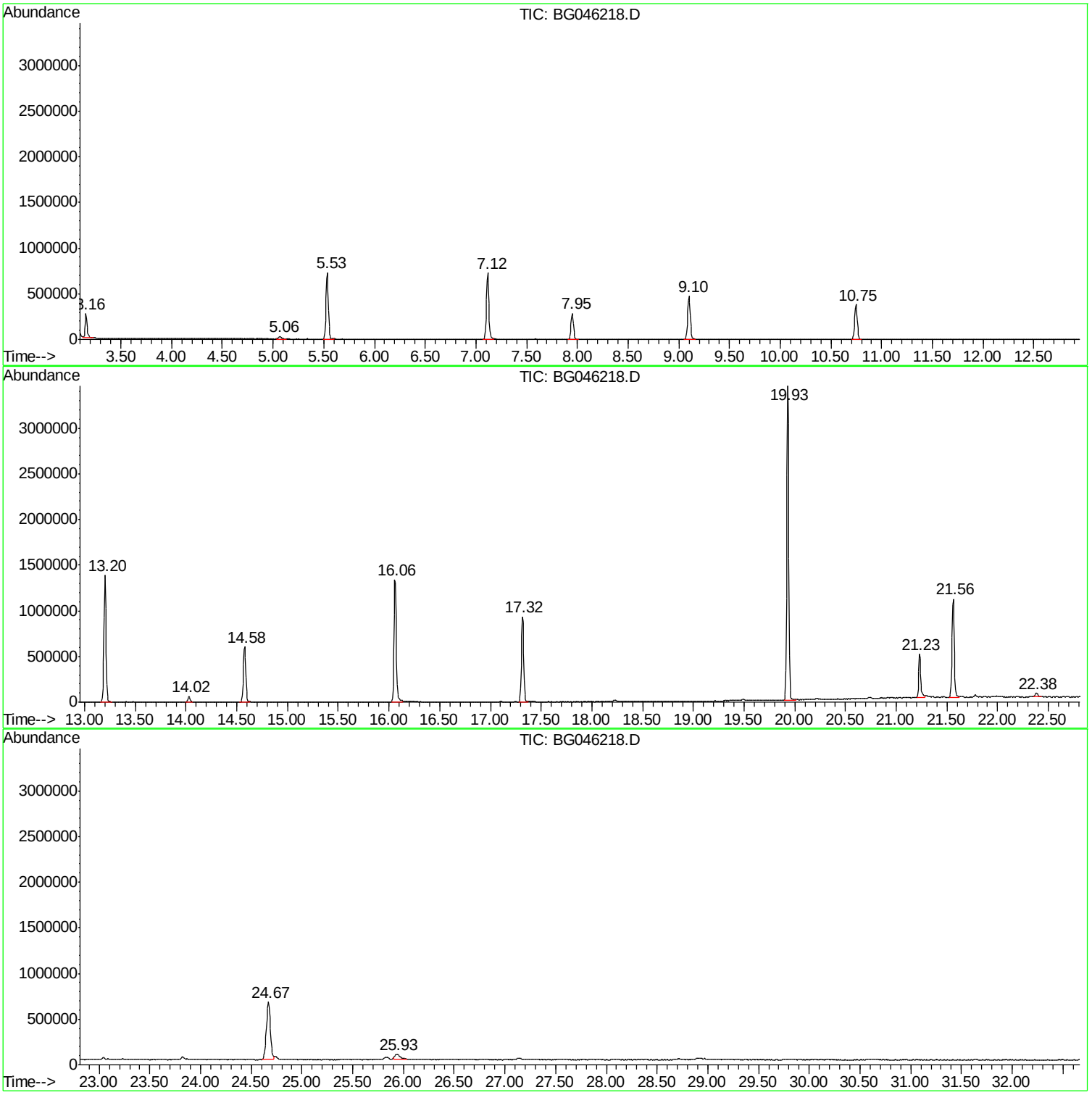
Sample : L3624-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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

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Data File : BG046218.D
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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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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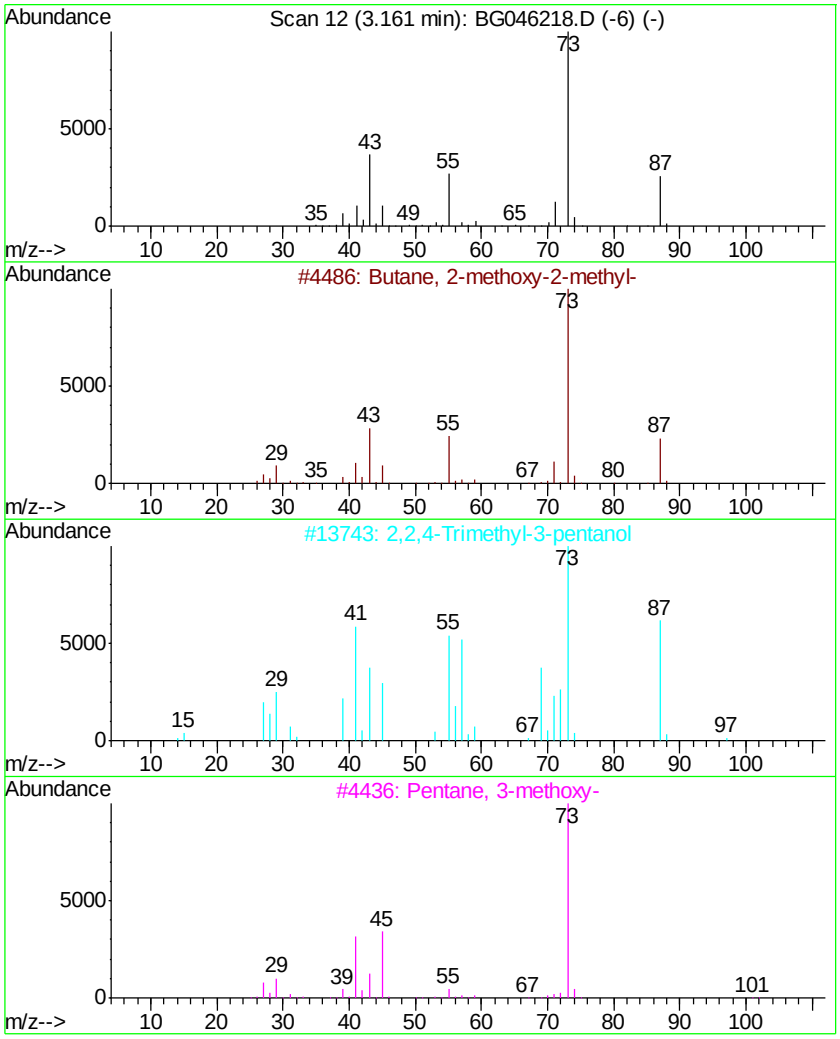
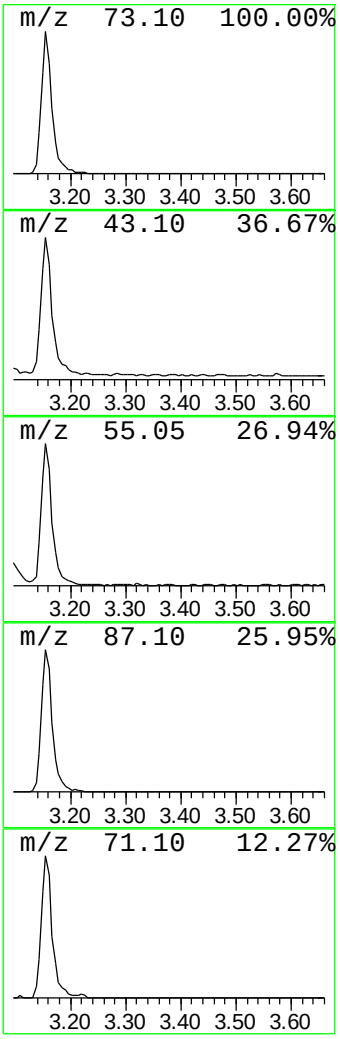
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	15.46 ng	365237	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SS-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

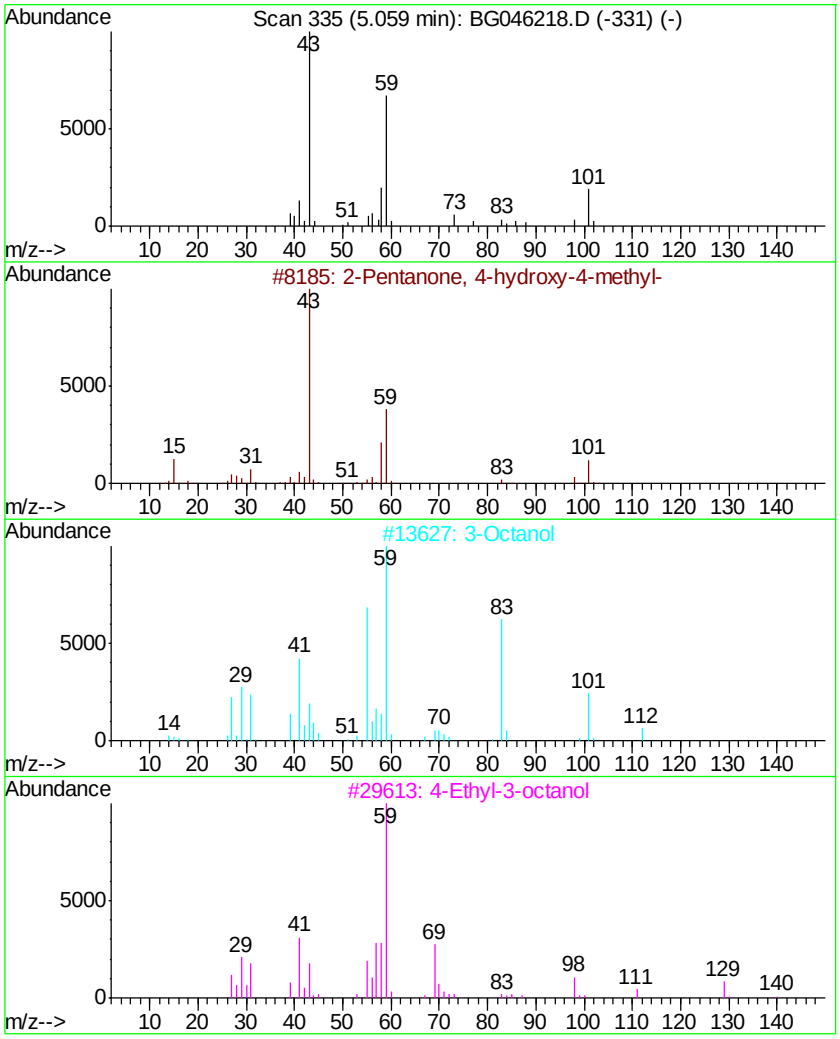
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

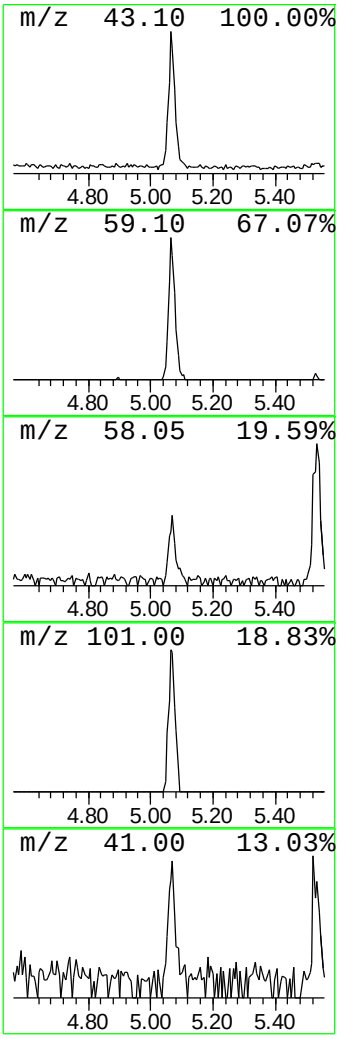
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.05 ng	48436	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Octanol	130	C8H18O	000589-98-0	28
3	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	28
4	3-Pentanol	88	C5H12O	000584-02-1	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
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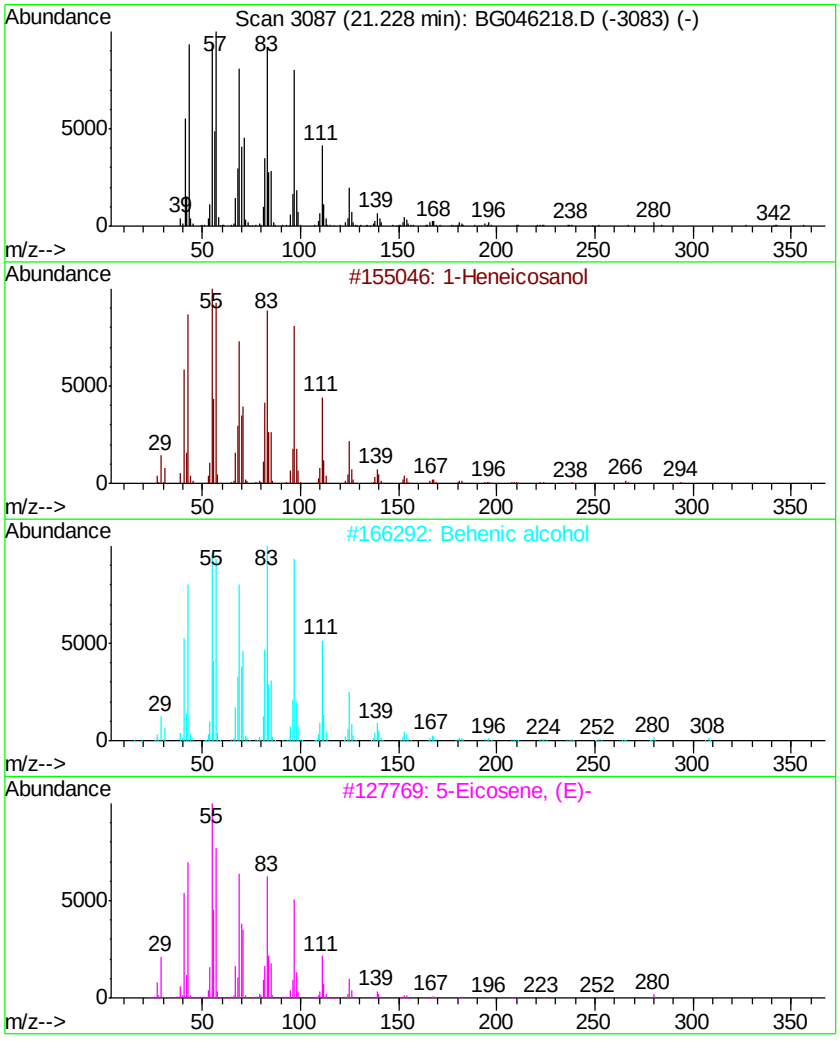
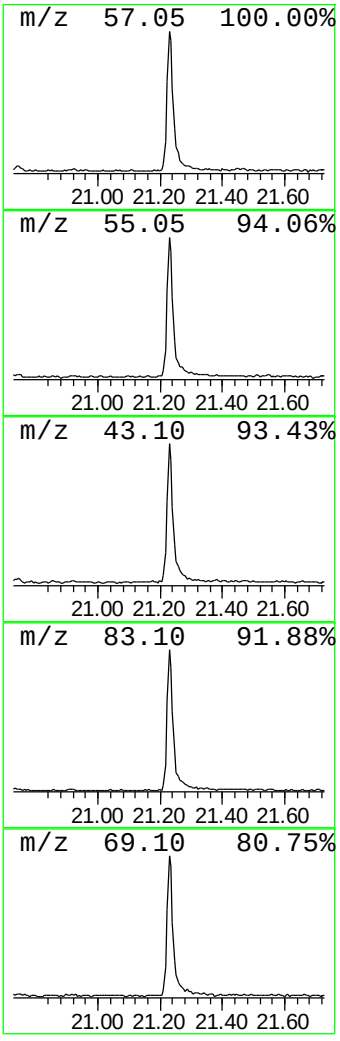
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	7.64 ng	662547	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	93





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...	3.16	15.5	ng	365237	1	7.95	472544	20.0
2-Pentanone, 4-hy...	5.06	2.0	ng	48436	1	7.95	472544	20.0
1-Heneicosanol	21.23	7.6	ng	662547	5	21.56	1734280	20.0