LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104579.D
Acq On : 17 Apr 2018 23:15
Operator : JU/SJ
Sample : J2408-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-005

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_F\METHODS\8270-BF040618.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	5.010	493	497	504	rVB	90930	115382	5.10%	0.550%
2	5.422	562	567	570	rBV	2154461	2165319	95.65%	10.327%
3	6.439	735	740	755	rVB	2195661	2205806	97.44%	10.520%
4	6.575	759	763	766	rBV	2558251	2207992	97.53%	10.530%
5	6.804	798	802	805	rBV	991655	749467	33.11%	3.574%
6	6.957	824	828	832	rBV	1898083	1746745	77.16%	8.331%
7	7.369	893	898	901	rBV	1524444	1302985	57.56%	6.214%
8	8.086	1017	1020	1035	rVB	1152700	944327	41.71%	4.504%
9	9.163	1199	1203	1206	rBV	2765208	2263812	100.00%	10.797%
10	9.557	1266	1270	1277	rVB	365695	290435	12.83%	1.385%
11	9.769	1301	1306	1310	rVB	45188	36448	1.61%	0.174%
12	9.845	1315	1319	1327	rVB	1022333	924891	40.86%	4.411%
13	10.269	1388	1391	1394	rVB	63709	46710	2.06%	0.223%
14	10.633	1449	1453	1456	rBV	1417205	1200169	53.02%	5.724%
15	10.739	1469	1471	1476	rBV	49903	51972	2.30%	0.248%
16	11.333	1568	1572	1575	rBV	950607	840225	37.12%	4.007%
17	12.921	1837	1842	1845	rBV	2218383	1977194	87.34%	9.430%
18	13.774	1983	1987	1990	rBV	59953	68111	3.01%	0.325%
19	13.809	1990	1993	2001	rVB	256998	263716	11.65%	1.258%
20	13.974	2017	2021	2025	rBV	981316	851653	37.62%	4.062%
21	15.439	2265	2270	2276	rBV	528859	663763	29.32%	3.166%
22	15.933	2351	2354	2360	rVB3	33657	50848	2.25%	0.243%

Sum of corrected areas: 20967970

LSC Report - Integrated Chromatogram

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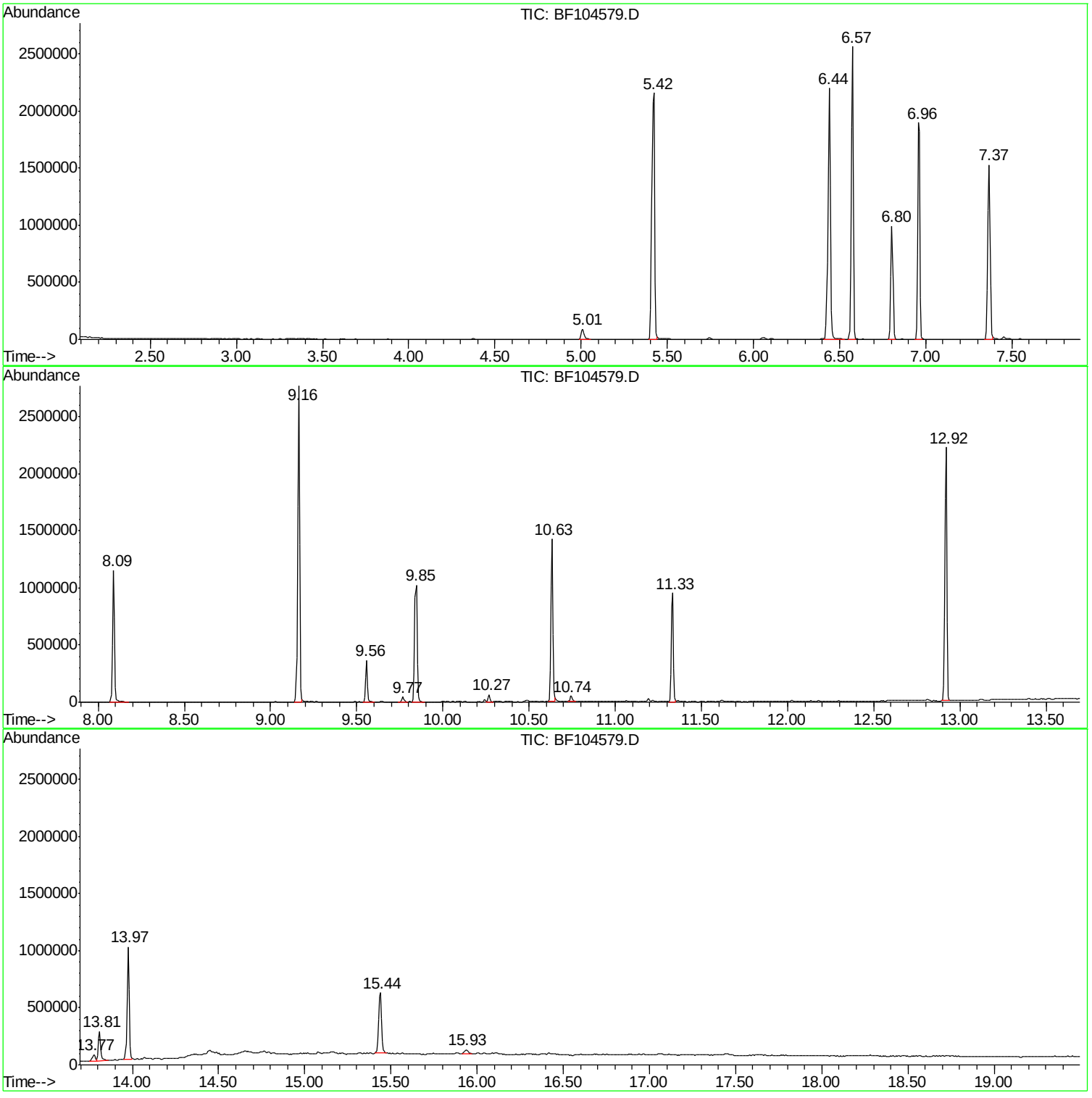
ClientSampleId : NAA-WS-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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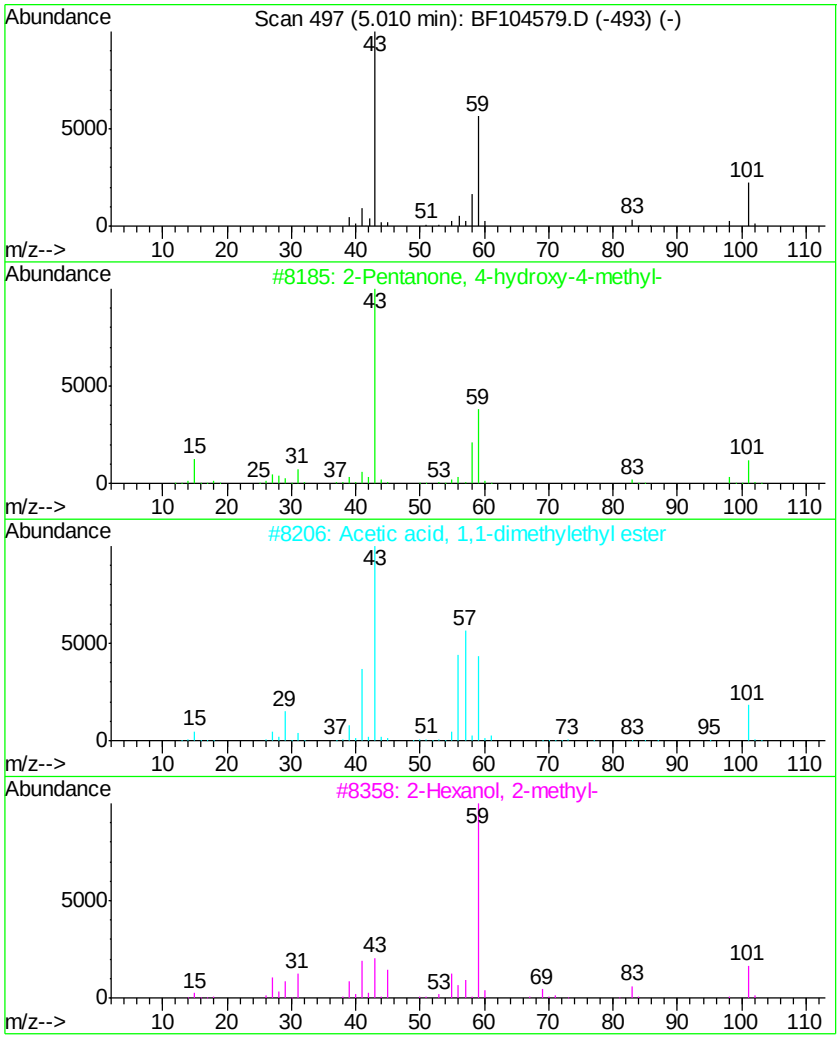
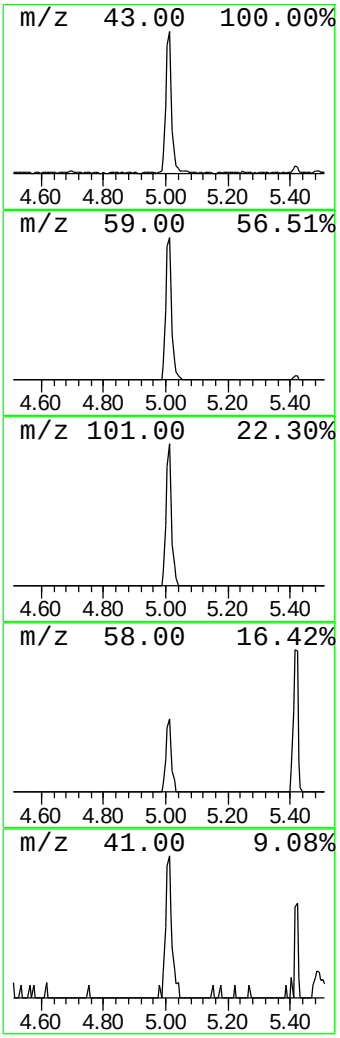
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	3.08 ng	115382	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104579.D
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Sample : J2408-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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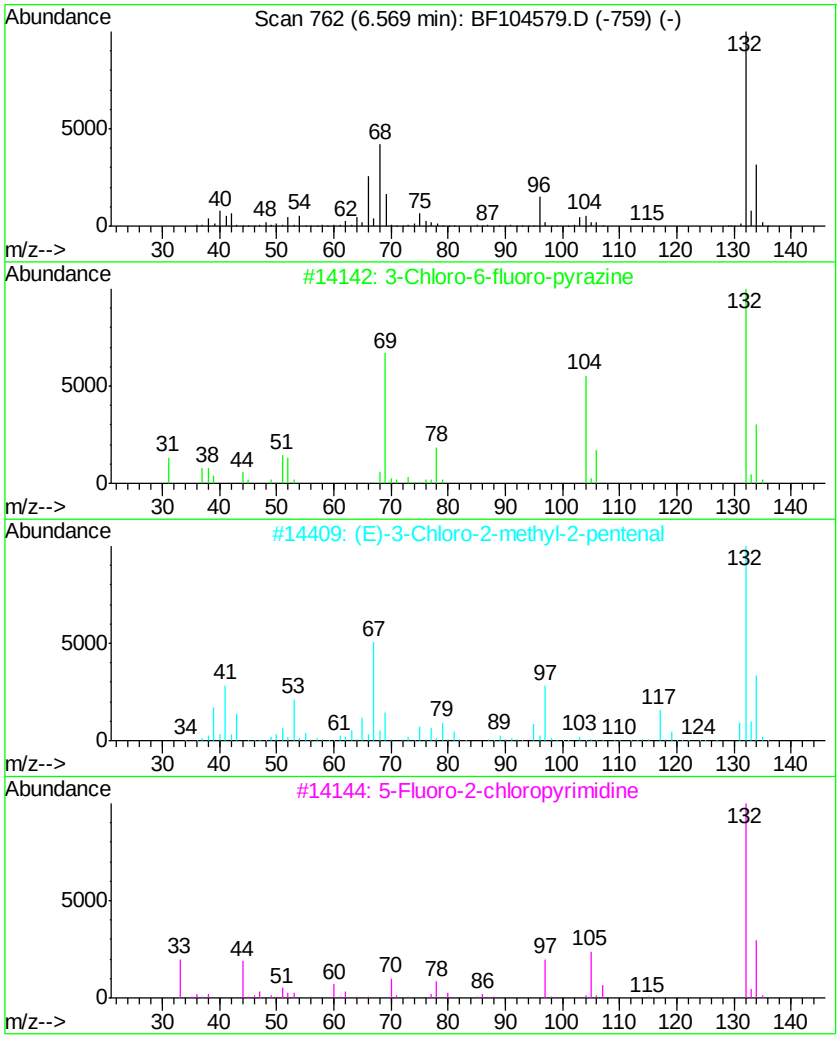
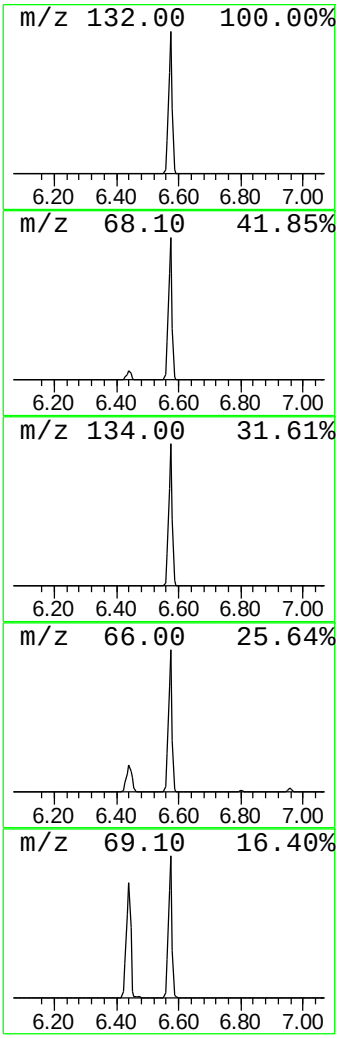
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	58.92 ng	2207990	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Operator : JU/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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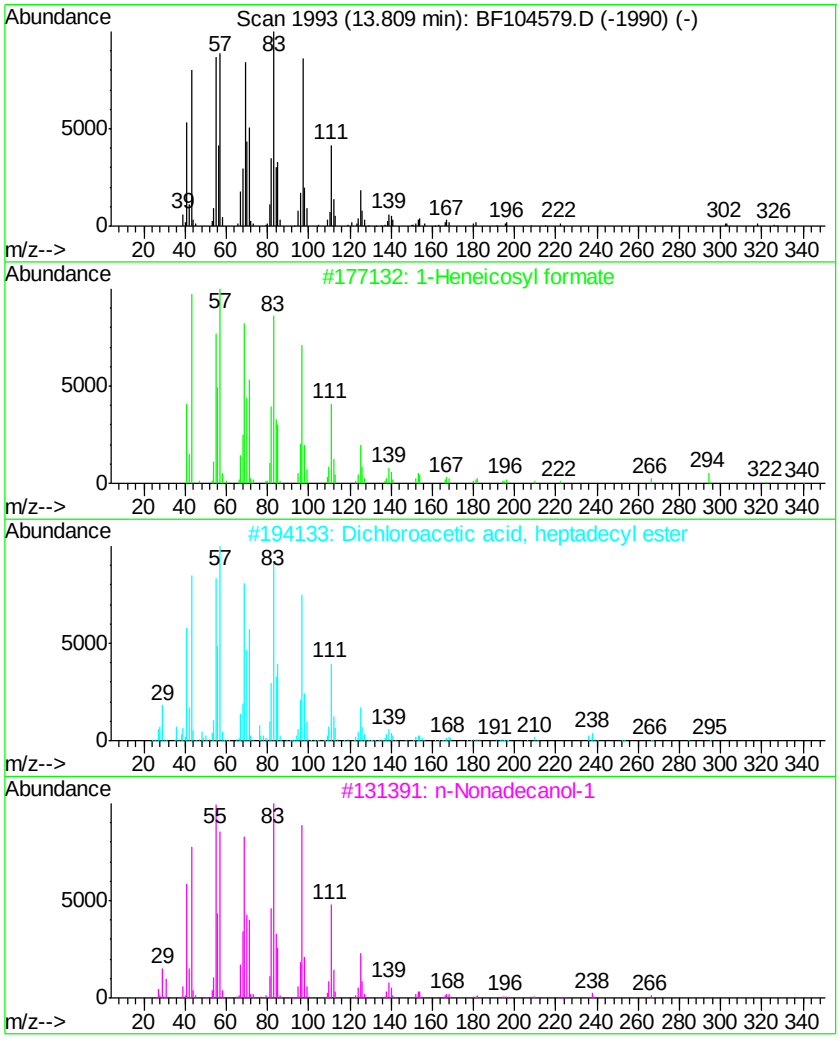
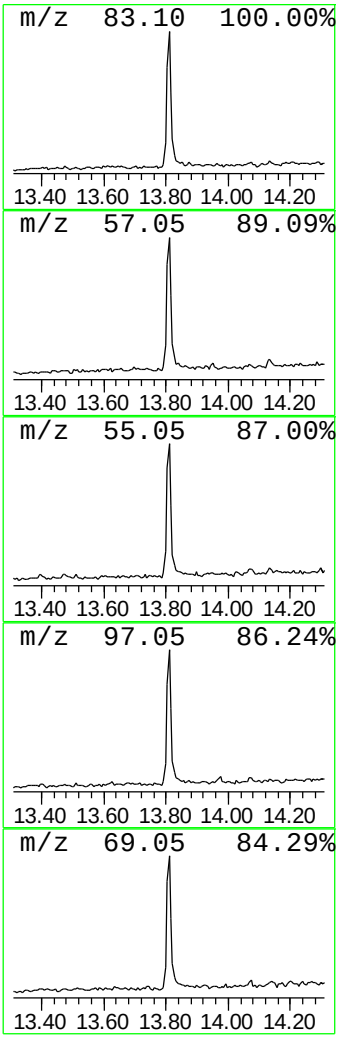
Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.19 ng	263716	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94





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
2-Pentanone, 4-hy...	5.01	3.1	ng	115382	1	6.80	749467	20.0
unknown6.57	6.57	58.9	ng	2207990	1	6.80	749467	20.0
1-Heneicosyl formate	13.81	6.2	ng	263716	5	13.97	851653	20.0