LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104374.D
Acq On : 9 Apr 2018 16:10
Operator : JU/SJ
Sample : J2104-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180221-COMPOSITE-B

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	5.028	492	500	507	rBV	121579	168022	4.72%	0.530%
2	5.416	560	566	569	rBV	3198150	3553991	99.86%	11.207%
3	6.434	732	739	742	rBV	3026030	3512409	98.69%	11.076%
4	6.575	757	763	766	rBV	3550295	3558966	100.00%	11.223%
5	6.804	798	802	805	rBV	1253963	970979	27.28%	3.062%
6	6.963	824	829	832	rVB	2847422	2665704	74.90%	8.406%
7	7.369	892	898	901	rBV	2283884	2232643	62.73%	7.040%
8	8.086	1016	1020	1023	rBV	1610683	1318099	37.04%	4.156%
9	9.163	1198	1203	1206	rBV	3672991	3440276	96.67%	10.848%
10	9.557	1266	1270	1273	rBV	346890	275224	7.73%	0.868%
11	9.839	1314	1318	1322	rBV2	1568085	1432210	40.24%	4.516%
12	10.275	1389	1392	1394	rVB	58147	48719	1.37%	0.154%
13	10.633	1447	1453	1456	rBV	2271955	2205190	61.96%	6.954%
14	10.745	1468	1472	1481	rVB2	71004	109989	3.09%	0.347%
15	11.192	1545	1548	1552	rBV2	55816	55788	1.57%	0.176%
16	11.327	1567	1571	1574	rBV	1599768	1335576	37.53%	4.212%
17	11.857	1657	1661	1666	rBV	75518	77755	2.18%	0.245%
18	12.921	1837	1842	1845	rBV	2734517	2649087	74.43%	8.354%
19	13.810	1990	1993	2002	rBV	230138	227433	6.39%	0.717%
20	13.968	2016	2020	2024	rBV	1055196	912353	25.64%	2.877%
21	15.433	2263	2269	2273	rBV	820189	961824	27.03%	3.033%

Sum of corrected areas: 31712237

LSC Report - Integrated Chromatogram

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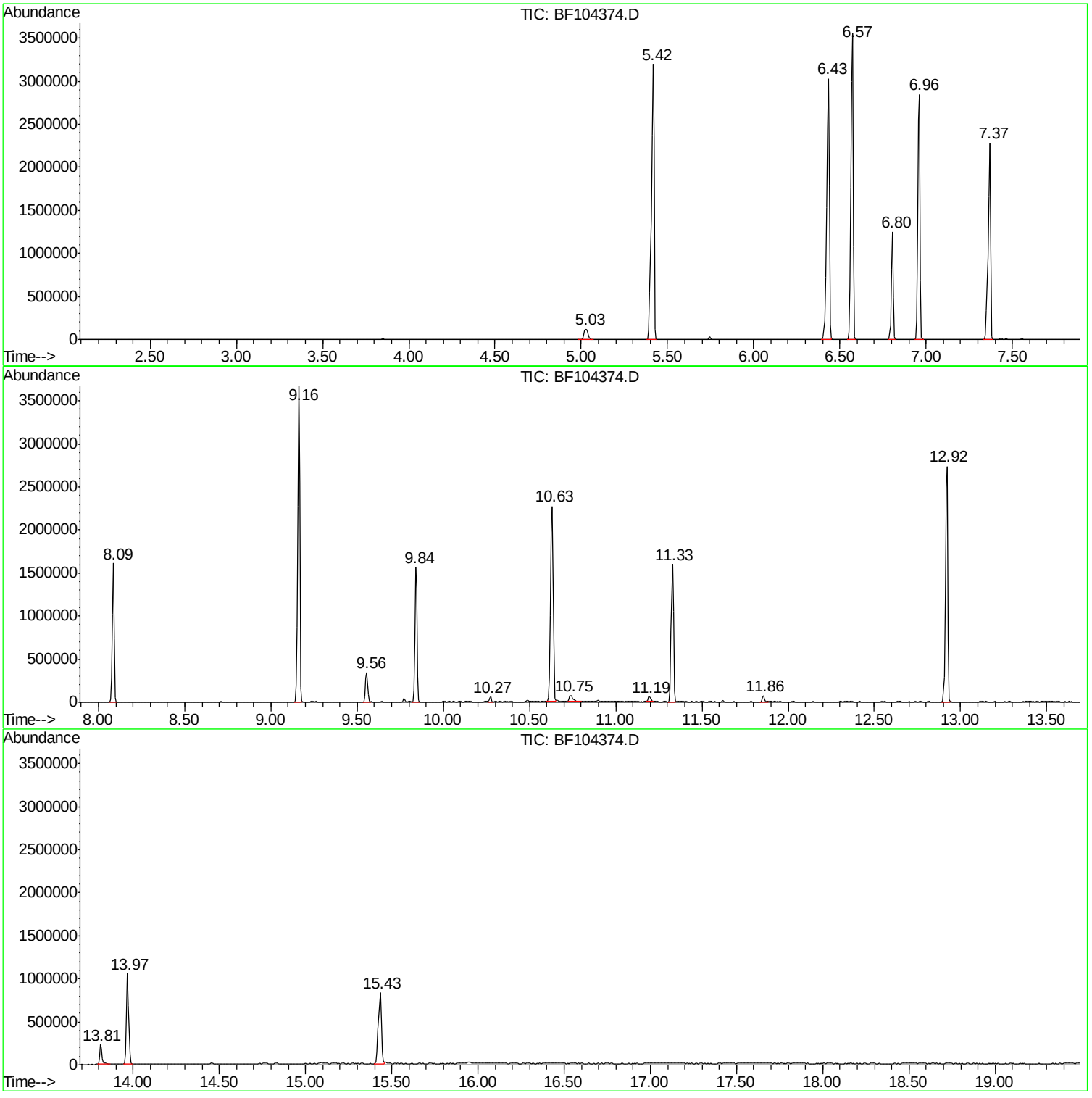
Instrument :
BNA_F
ClientSampleId :
20180221-COMPOSITE-B

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

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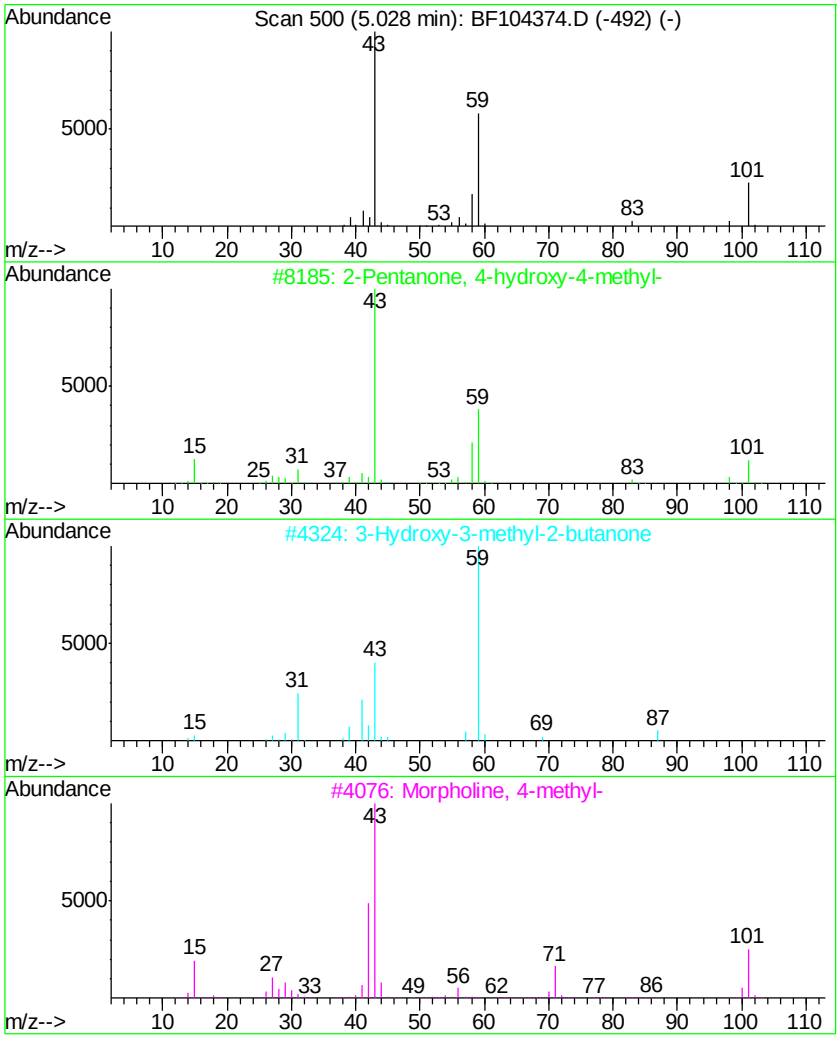
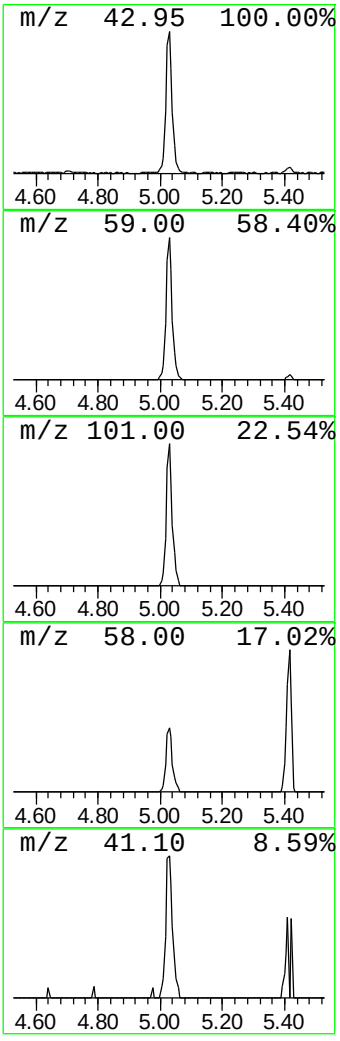
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	3.46 ng	168022	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	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
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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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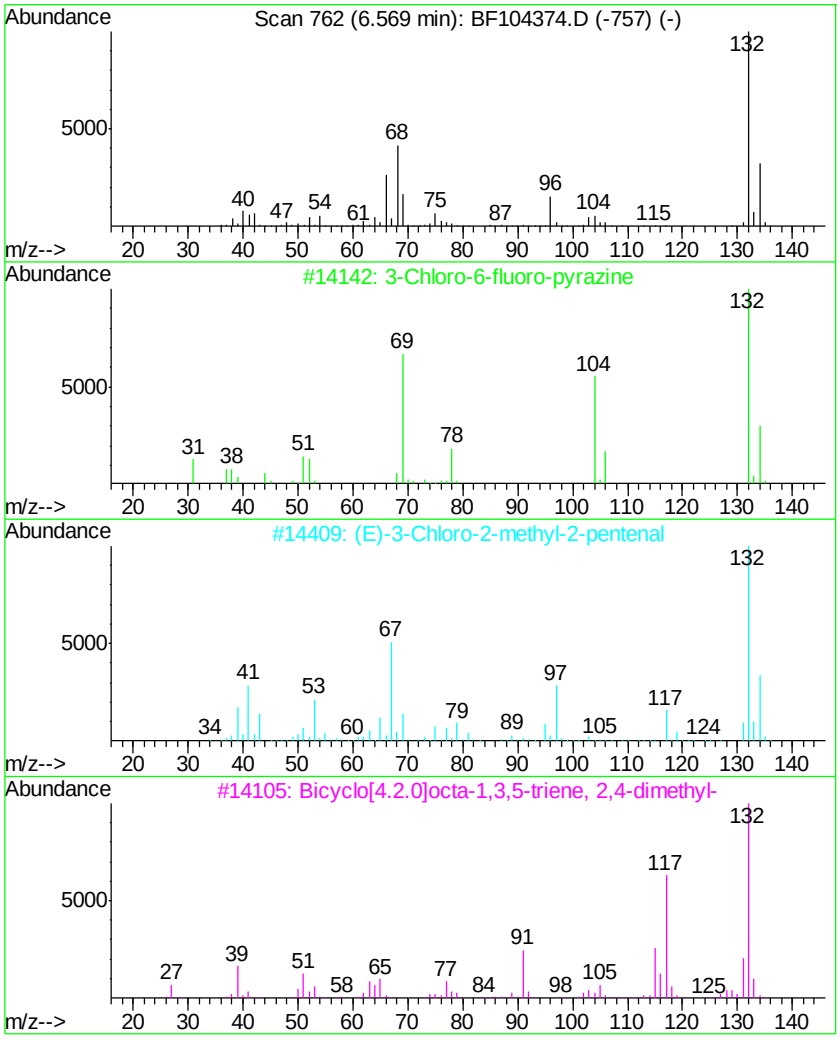
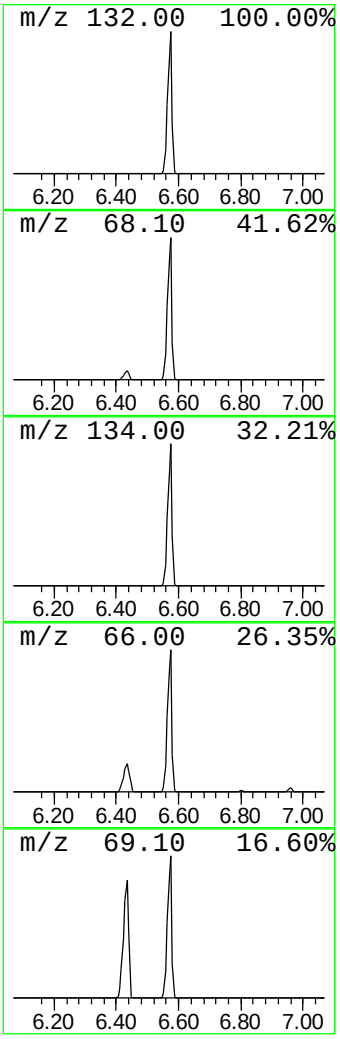
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	73.31 ng	3558970	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	17
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104374.D
Acq On : 9 Apr 2018 16:10
Operator : JU/SJ
Sample : J2104-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180221-COMPOSITE-B

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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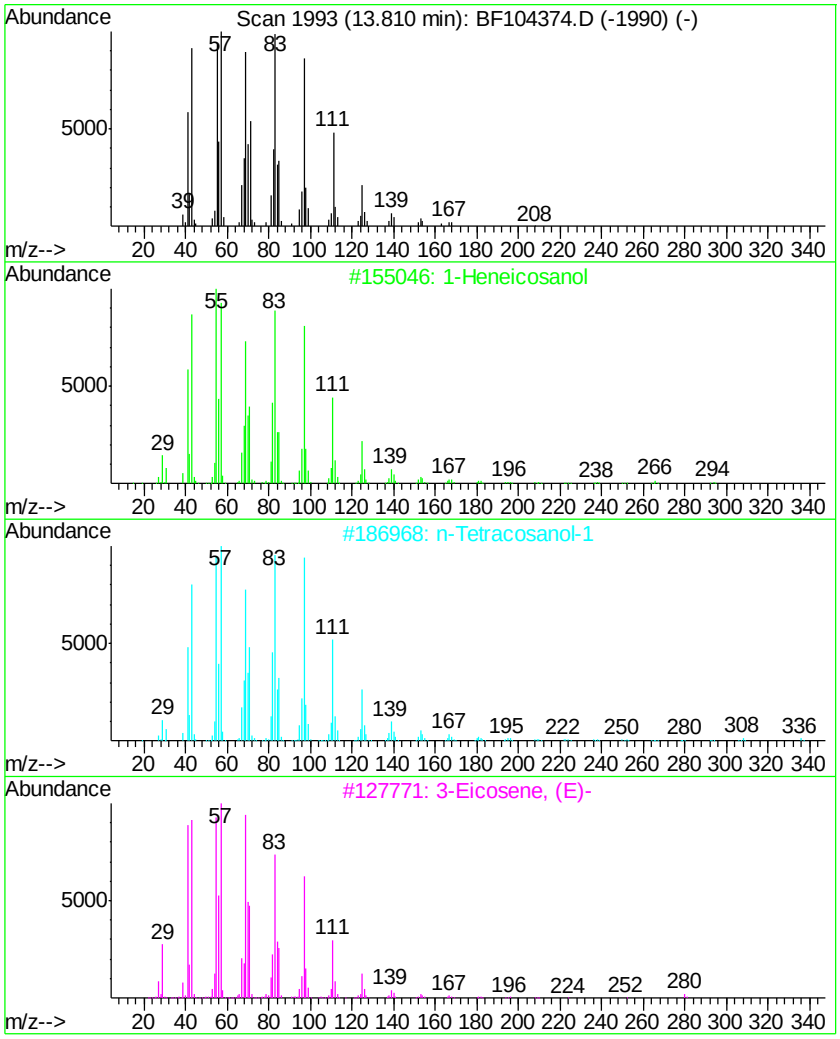
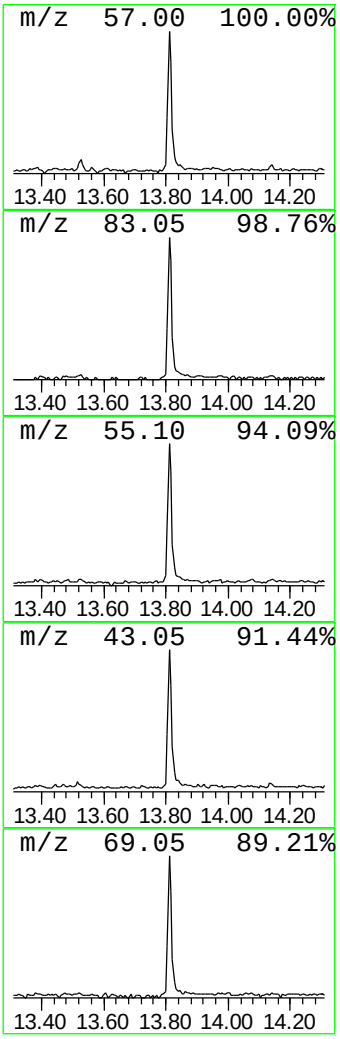
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.99 ng	227433	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	3.5	ng	168022	1	6.80	970979	20.0
unknown6.57	6.57	73.3	ng	3558970	1	6.80	970979	20.0
1-Heneicosanol	13.81	5.0	ng	227433	5	13.97	912353	20.0