LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100452.D
Acq On : 11 Nov 2017 20:24
Operator : SJ/JU
Sample : I6396-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-CONCRETE

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-BF110817.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	2.210	18	21	29	rVB2	32868	54732	1.68%	0.202%
2	4.522	410	414	421	rVB	54273	59816	1.83%	0.221%
3	5.134	514	518	531	rVB	564241	702003	21.49%	2.589%
4	5.528	579	585	588	rBV	3113599	3137766	96.07%	11.570%
5	6.528	749	755	758	rBV	2850584	3222996	98.68%	11.885%
6	6.675	775	780	783	rBV	3256683	3143307	96.24%	11.591%
7	6.904	815	819	822	rBV	1031618	823717	25.22%	3.037%
8	7.063	841	846	849	rBV	2789011	2543271	77.87%	9.378%
9	7.463	909	914	917	rBV	1911232	2019606	61.84%	7.447%
10	8.186	1033	1037	1040	rBV	1136563	993245	30.41%	3.663%
11	9.257	1215	1219	1223	rBV	3290153	3266120	100.00%	12.044%
12	9.651	1282	1286	1290	rBV	100765	92272	2.83%	0.340%
13	9.939	1331	1335	1346	rVB2	991408	882649	27.02%	3.255%
14	10.727	1465	1469	1472	rBV	1545891	1387121	42.47%	5.115%
15	11.427	1584	1588	1591	rBV	857015	750835	22.99%	2.769%
16	13.010	1853	1857	1860	rBV	2759197	2550148	78.08%	9.404%
17	13.892	2004	2007	2017	rBV	119608	152380	4.67%	0.562%
18	14.062	2033	2036	2040	rBV	889938	782145	23.95%	2.884%
19	15.551	2284	2289	2297	rVB	430836	554985	16.99%	2.046%

Sum of corrected areas: 27119114

LSC Report - Integrated Chromatogram

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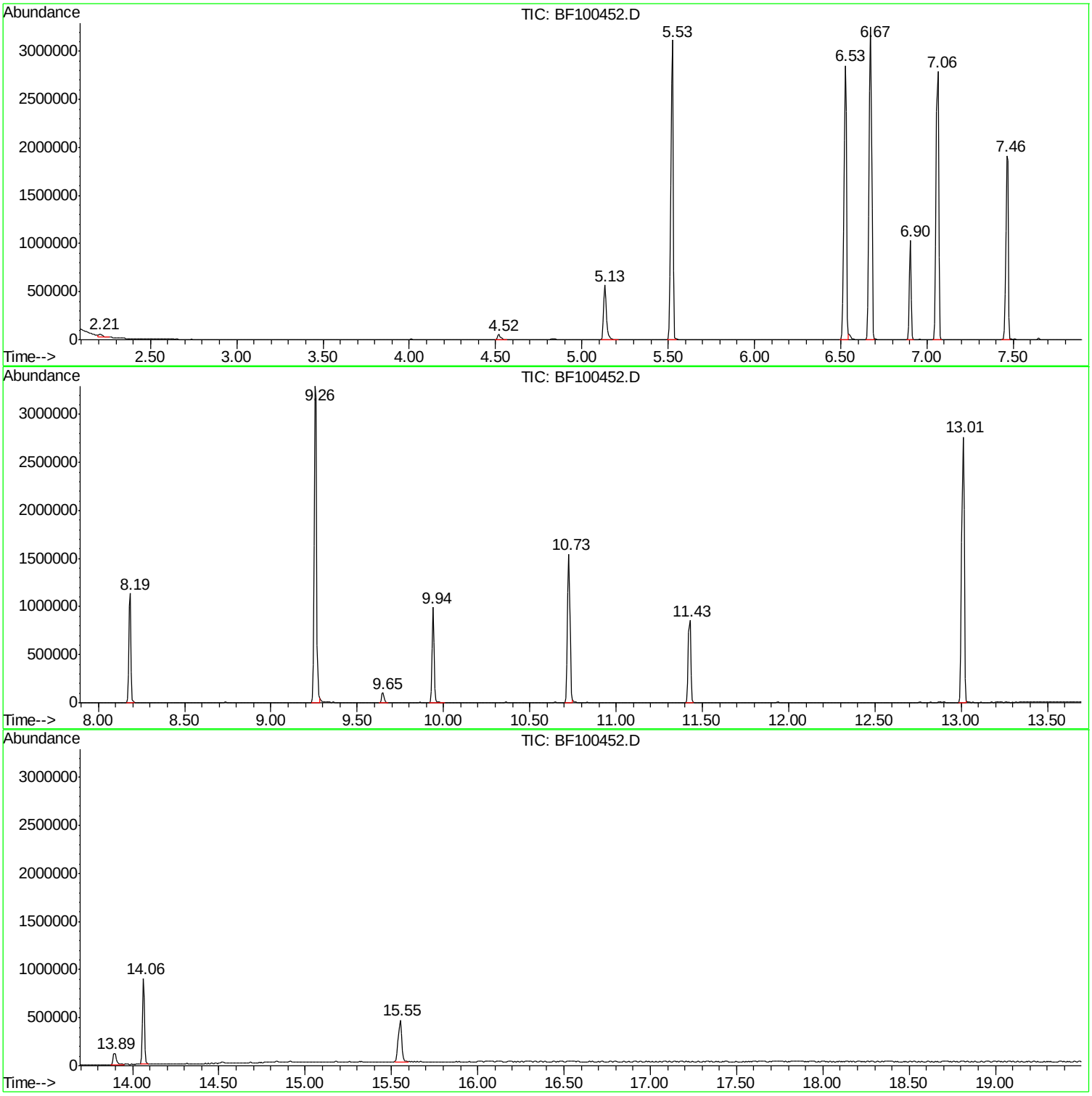
Instrument : BNA_F
ClientSampleId : LS-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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TIC Integration Parameters: LSCINT.P

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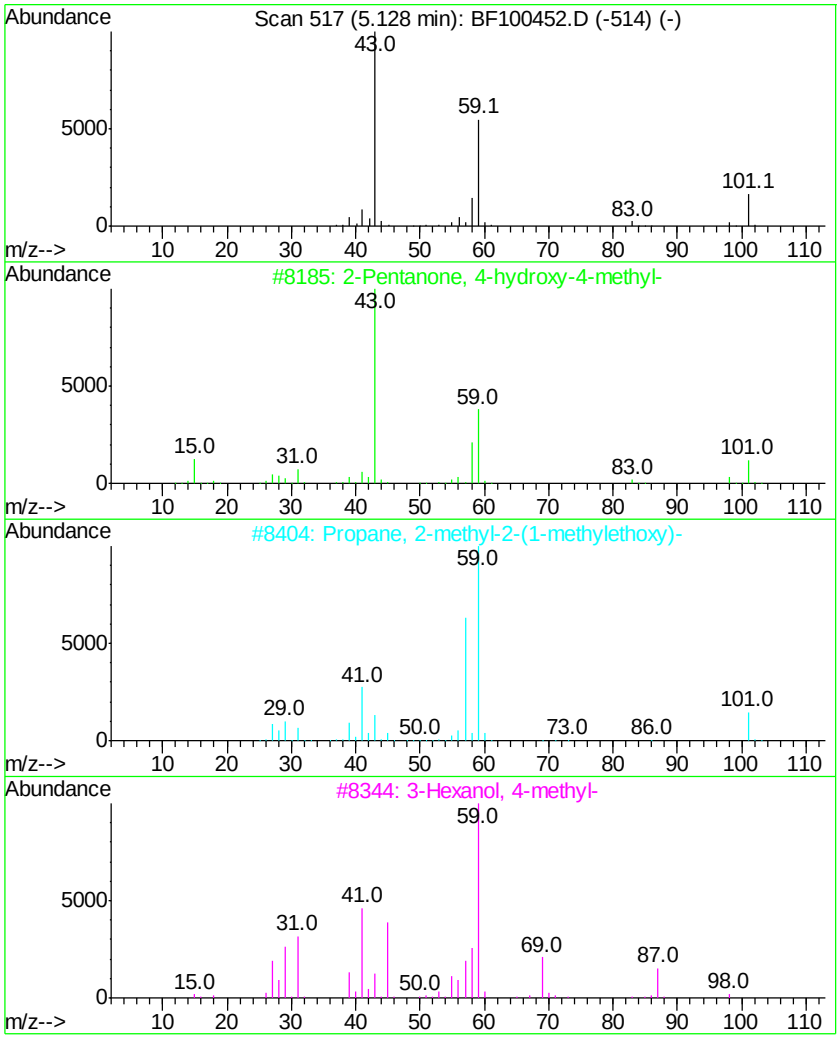
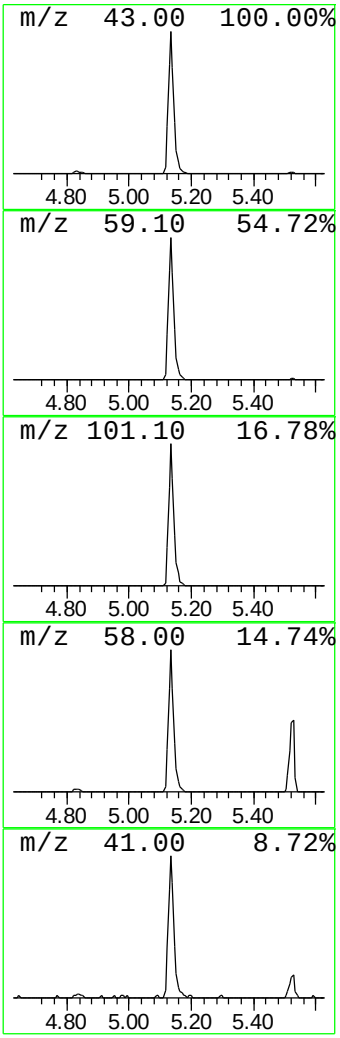
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	17.04 ng	702003	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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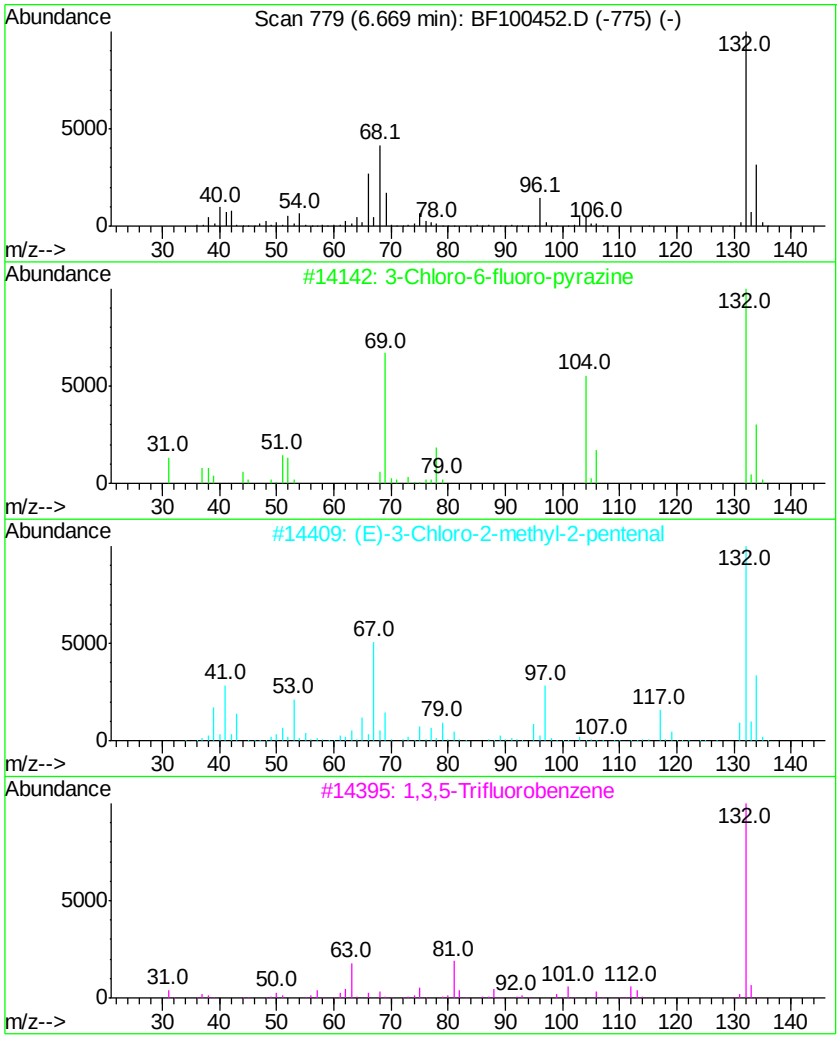
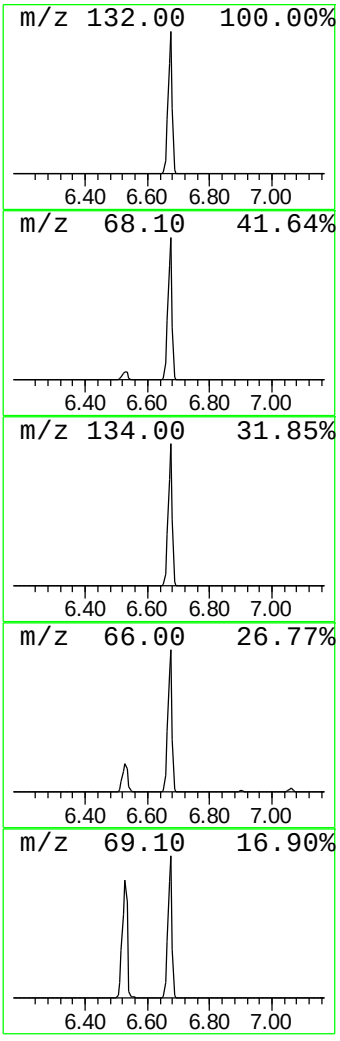
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	76.32 ng	3143310	1,4-Dichlorobenzene-d4	6.90

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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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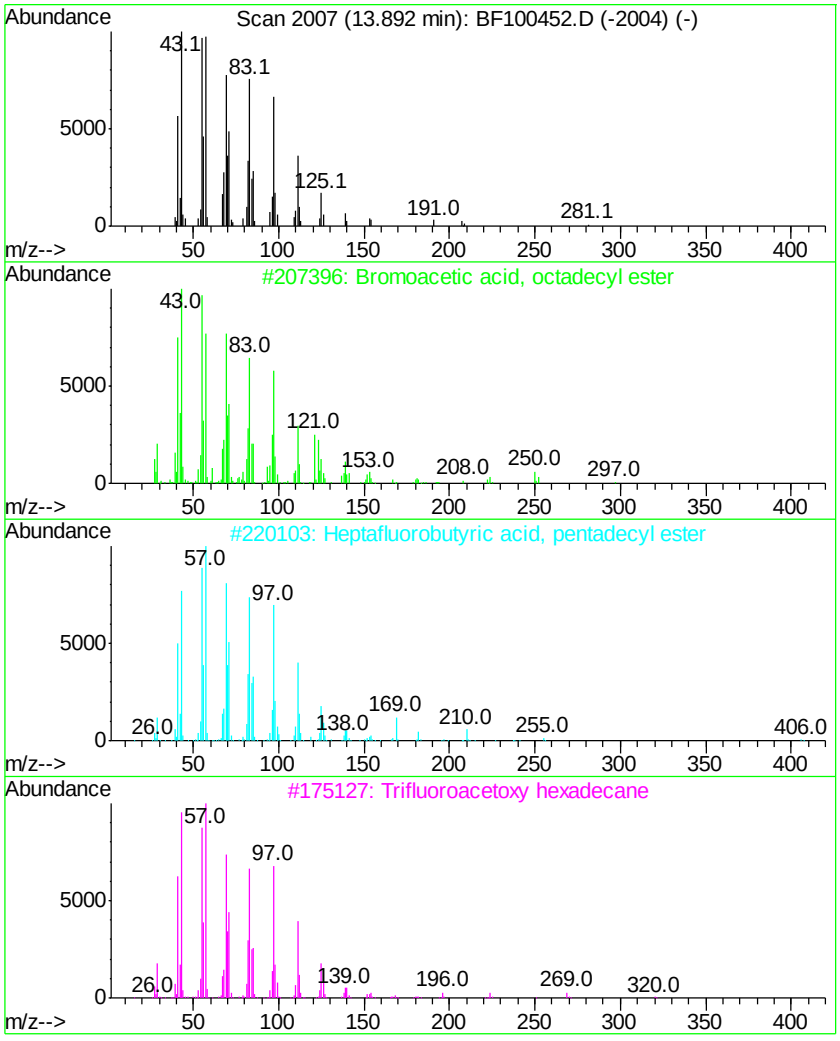
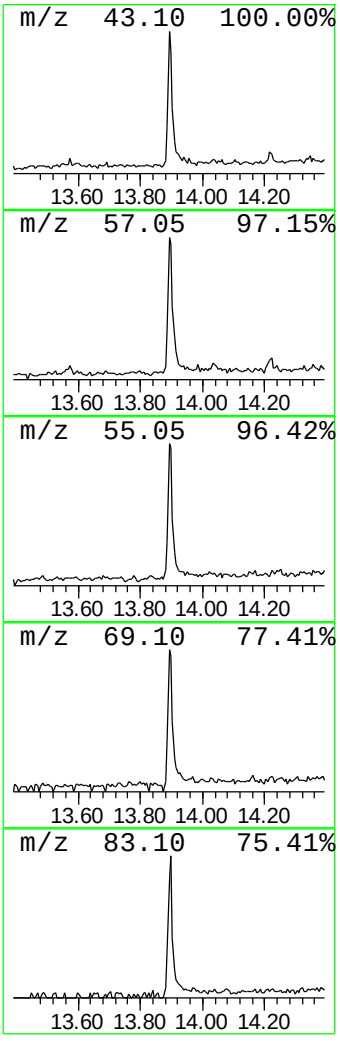
Peak Number 4 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.90 ng	152380	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.13	17.0	ng	702003	1	6.90	823717	20.0
unknown6.67	6.67	76.3	ng	3143310	1	6.90	823717	20.0
Bromoacetic acid,...	13.89	3.9	ng	152380	5	14.06	782145	20.0