LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104765.D
Acq On : 24 Apr 2018 19:14
Operator : JU/SJ
Sample : J2504-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KS-RO-238

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	496	500	507	rBV	97270	135968	4.57%	0.559%
2	5.440	564	570	573	rBV	2596120	2731627	91.90%	11.223%
3	6.457	738	743	760	rBV	2364963	2854669	96.04%	11.729%
4	6.587	760	765	768	rBV	3119551	2851981	95.95%	11.718%
5	6.639	771	774	780	rVB	46804	49826	1.68%	0.205%
6	6.810	799	803	806	rBV	739039	571886	19.24%	2.350%
7	6.969	825	830	833	rBV	2551525	2239775	75.36%	9.203%
8	7.381	894	900	903	rBV	1782119	1709528	57.52%	7.024%
9	8.092	1017	1021	1027	rBV	861590	750946	25.27%	3.085%
10	9.169	1200	1204	1207	rBV	3225327	2972246	100.00%	12.212%
11	9.563	1267	1271	1278	rBV	368325	321353	10.81%	1.320%
12	9.769	1302	1306	1311	rBV	56428	49421	1.66%	0.203%
13	9.851	1316	1320	1328	rVV	976970	809567	27.24%	3.326%
14	10.269	1388	1391	1394	rVB2	71923	61283	2.06%	0.252%
15	10.645	1451	1455	1463	rBV	1798574	1705980	57.40%	7.009%
16	10.745	1469	1472	1482	rVB	68084	80612	2.71%	0.331%
17	11.192	1545	1548	1551	rBV	38811	31462	1.06%	0.129%
18	11.339	1569	1573	1583	rBV	787491	736234	24.77%	3.025%
19	12.927	1839	1843	1847	rBV	2462736	2488664	83.73%	10.225%
20	13.815	1991	1994	1998	rBV	75124	81667	2.75%	0.336%
21	13.986	2019	2023	2027	rBV	624953	649253	21.84%	2.668%
22	15.462	2270	2274	2282	rVB	339771	454556	15.29%	1.868%

Sum of corrected areas: 24338504

LSC Report - Integrated Chromatogram

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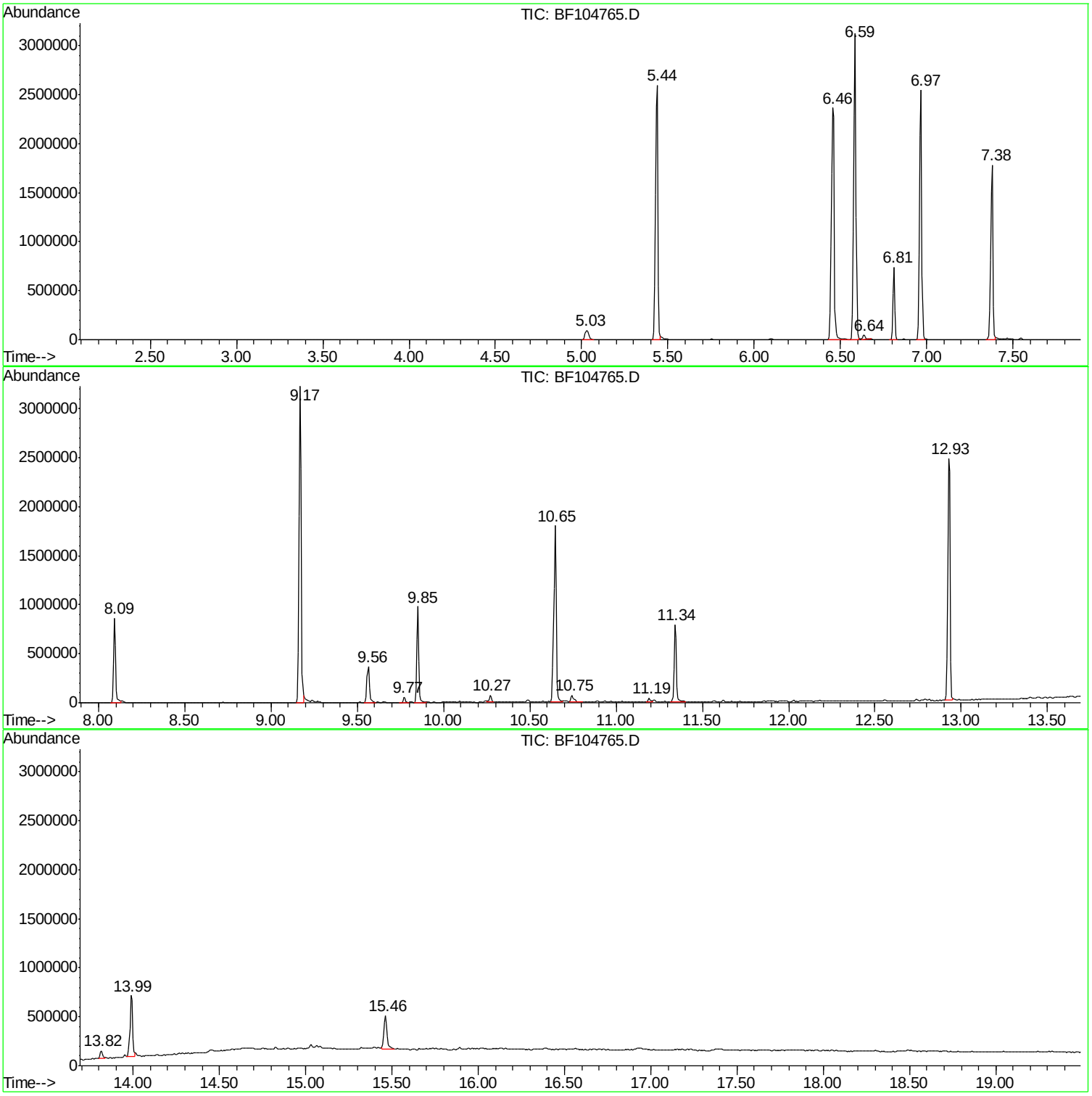
Instrument : BNA_F
ClientSampleId : KS-RO-238

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



Library Search Compound Report

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

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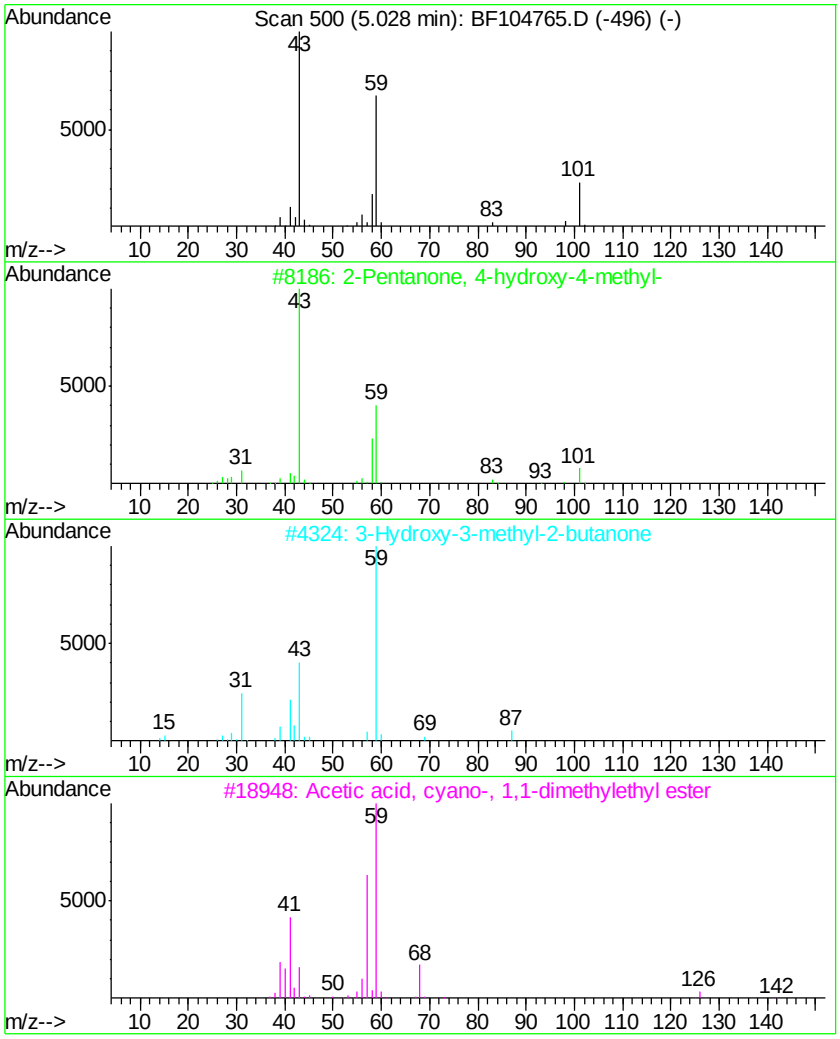
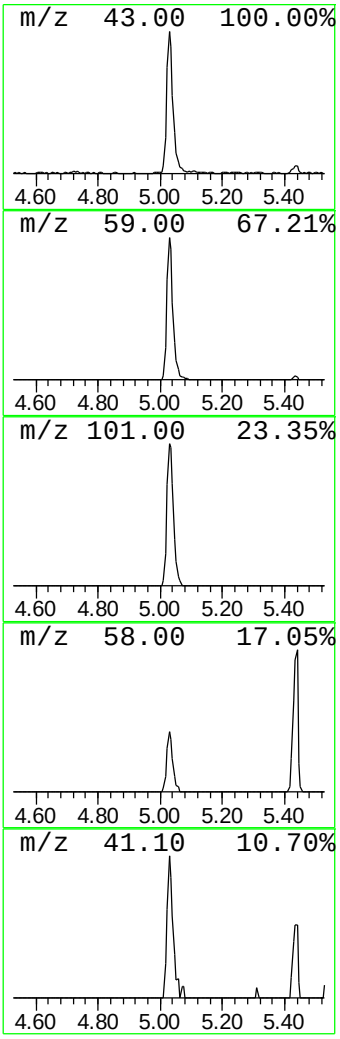
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.76 ng	135968	1,4-Dichlorobenzene-d4	6.81

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	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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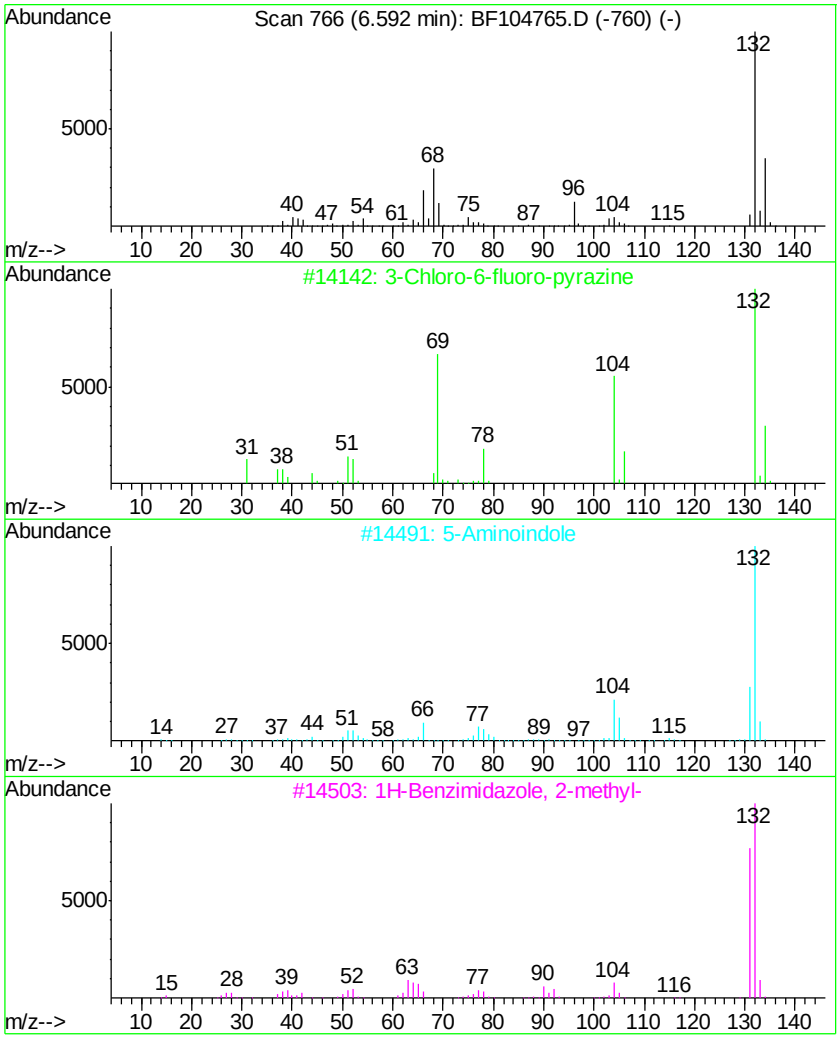
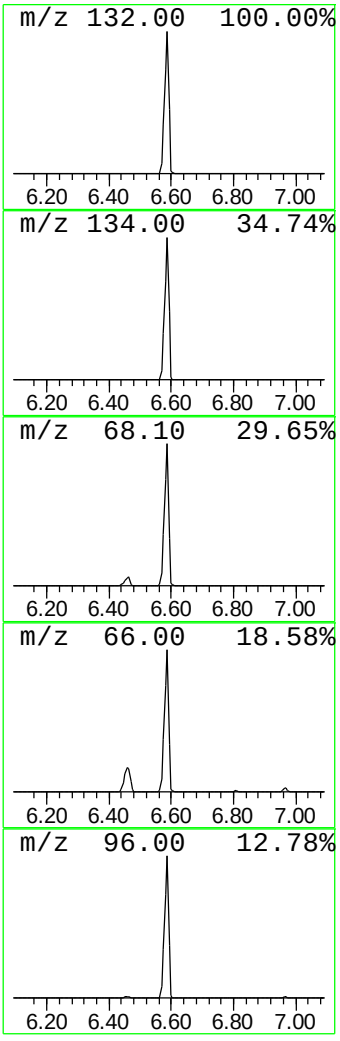
Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	99.74 ng	2851980	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KS-RO-238

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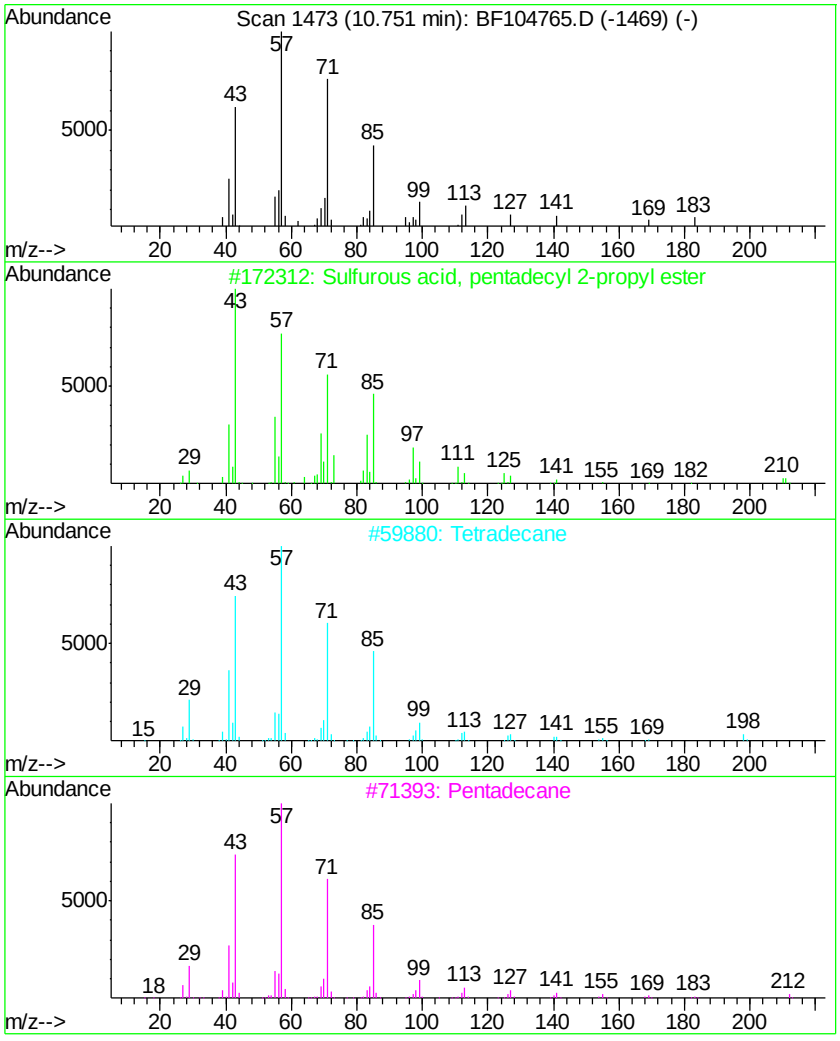
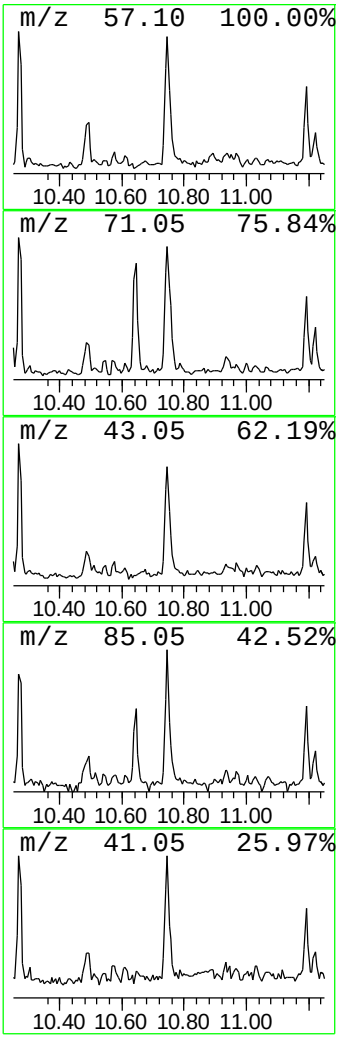
Peak Number 4 Sulfurous acid, pentadecyl ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.19 ng	80612	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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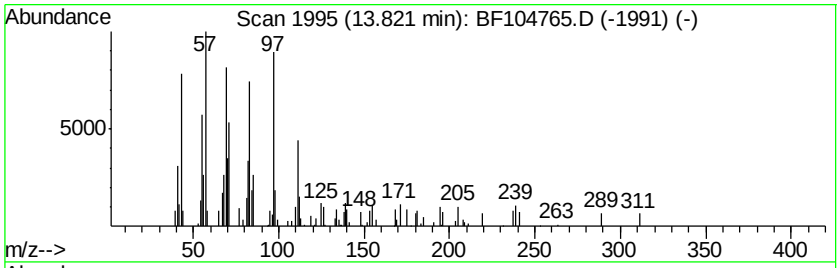
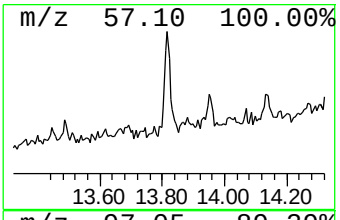
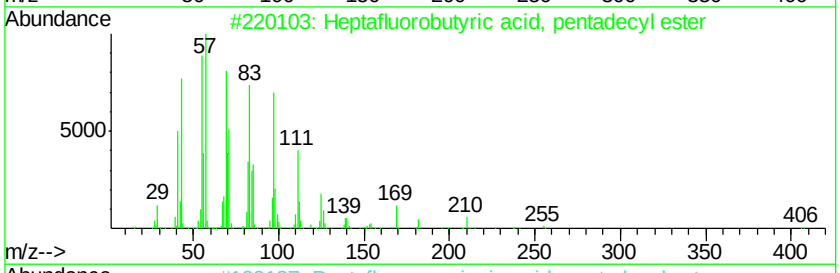
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

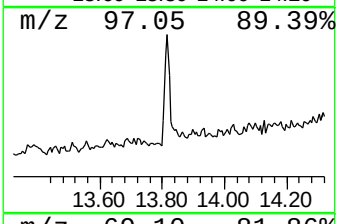
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.52 ng	81667	Chrysene-d12	13.99

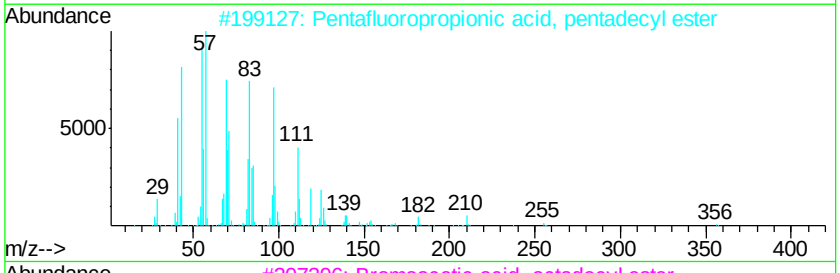
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	87

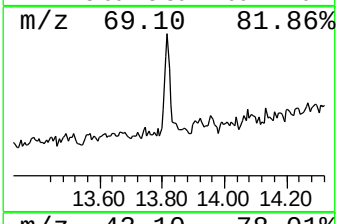


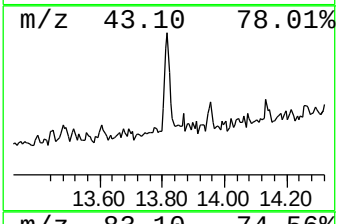


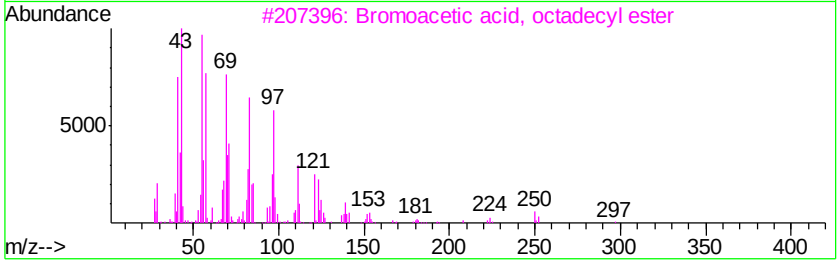


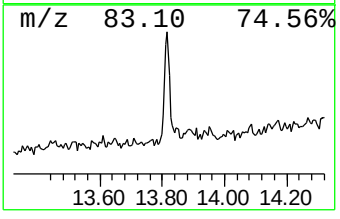












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	4.8	ng	135968	1	6.81	571886	20.0
unknown6.59	6.59	99.7	ng	2851980	1	6.81	571886	20.0
Sulfurous acid, p...	10.75	2.2	ng	80612	4	11.34	736234	20.0
Heptafluorobutyri...	13.82	2.5	ng	81667	5	13.99	649253	20.0