LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
Data File : BF124266.D
Acq On : 11 Jun 2021 18:01
Operator : JU/CG
Sample : M2625-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(142-146)

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_F\METHODS\8270-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	10	14	17	rBB2	9349	11644	1.72%	0.218%
2	5.040	499	502	512	rBB	49073	54285	8.02%	1.015%
3	5.463	571	574	580	rBV	618086	519288	76.69%	9.706%
4	6.475	743	746	755	rBV	553841	520180	76.82%	9.722%
5	6.839	805	808	811	rBV	282970	214271	31.64%	4.005%
6	7.398	899	903	907	rBV	392783	348062	51.40%	6.505%
7	8.022	1006	1009	1023	rBV	90161	96799	14.30%	1.809%
8	8.122	1023	1026	1030	rBV	357553	272781	40.29%	5.098%
9	9.198	1205	1209	1212	rBV	901083	655858	96.86%	12.258%
10	9.880	1321	1325	1328	rBV	421350	341158	50.38%	6.376%
11	10.669	1455	1459	1471	rBB	630819	515549	76.14%	9.636%
12	11.369	1574	1578	1581	rBV	431902	377789	55.79%	7.061%
13	11.892	1664	1667	1672	rBV2	57632	52372	7.73%	0.979%
14	12.680	1798	1801	1807	rBV2	20849	24426	3.61%	0.457%
15	12.951	1843	1847	1850	rBV	836422	677124	100.00%	12.655%
16	13.868	1997	2003	2016	rVB6	23111	60112	8.88%	1.123%
17	14.010	2023	2027	2031	rVB	315338	267828	39.55%	5.006%
18	14.757	2150	2154	2157	rBV4	9406	13450	1.99%	0.251%
19	14.857	2169	2171	2174	rVB2	25718	23971	3.54%	0.448%
20	15.127	2212	2217	2218	rBV5	8572	12467	1.84%	0.233%
21	15.486	2272	2278	2283	rBV2	219814	263622	38.93%	4.927%
22	15.704	2313	2315	2319	rBV4	7780	9494	1.40%	0.177%
23	16.068	2374	2377	2381	rVB6	7517	8998	1.33%	0.168%
24	17.380	2596	2600	2603	rVB5	6050	8922	1.32%	0.167%

Sum of corrected areas: 5350450

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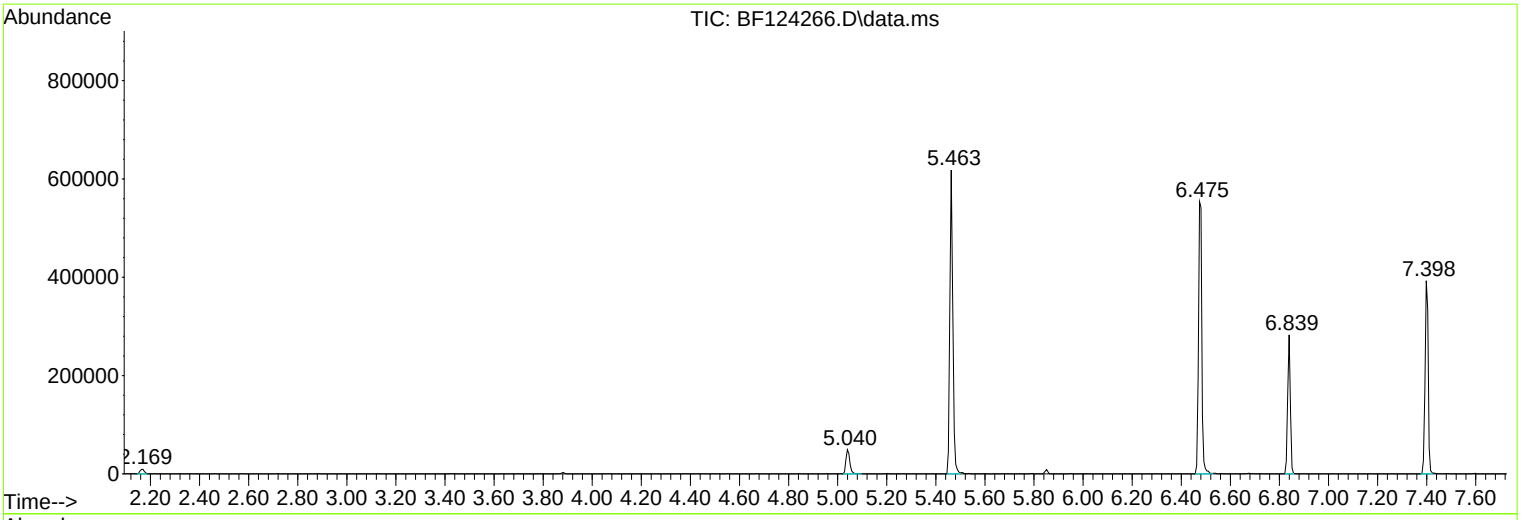
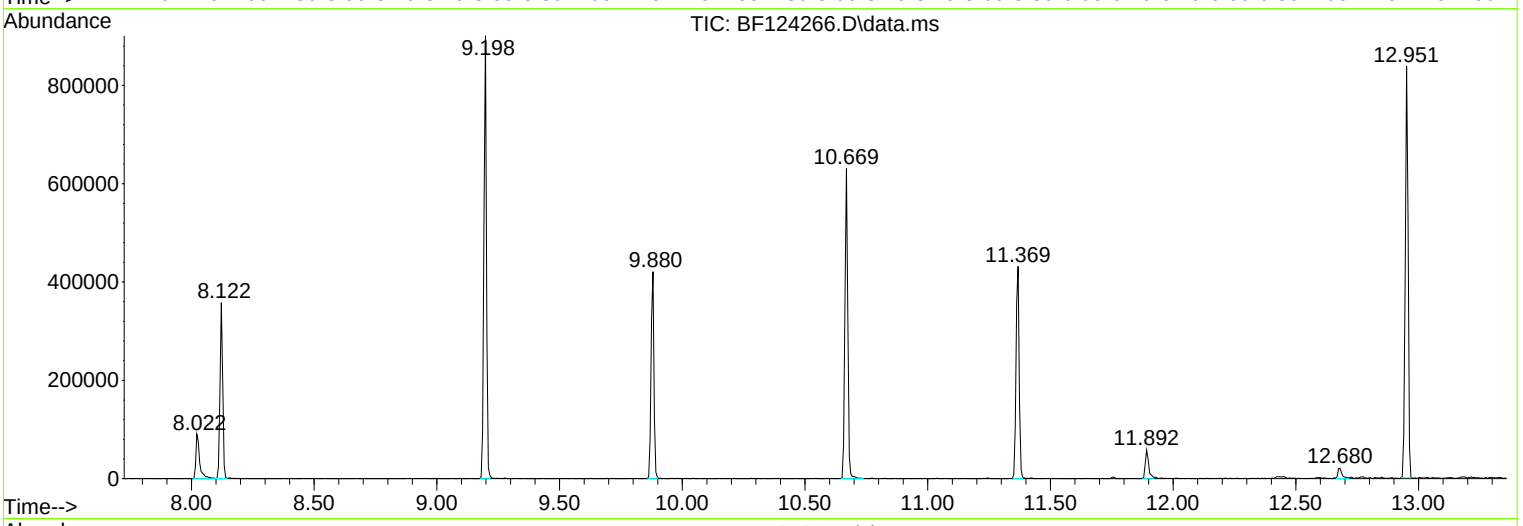
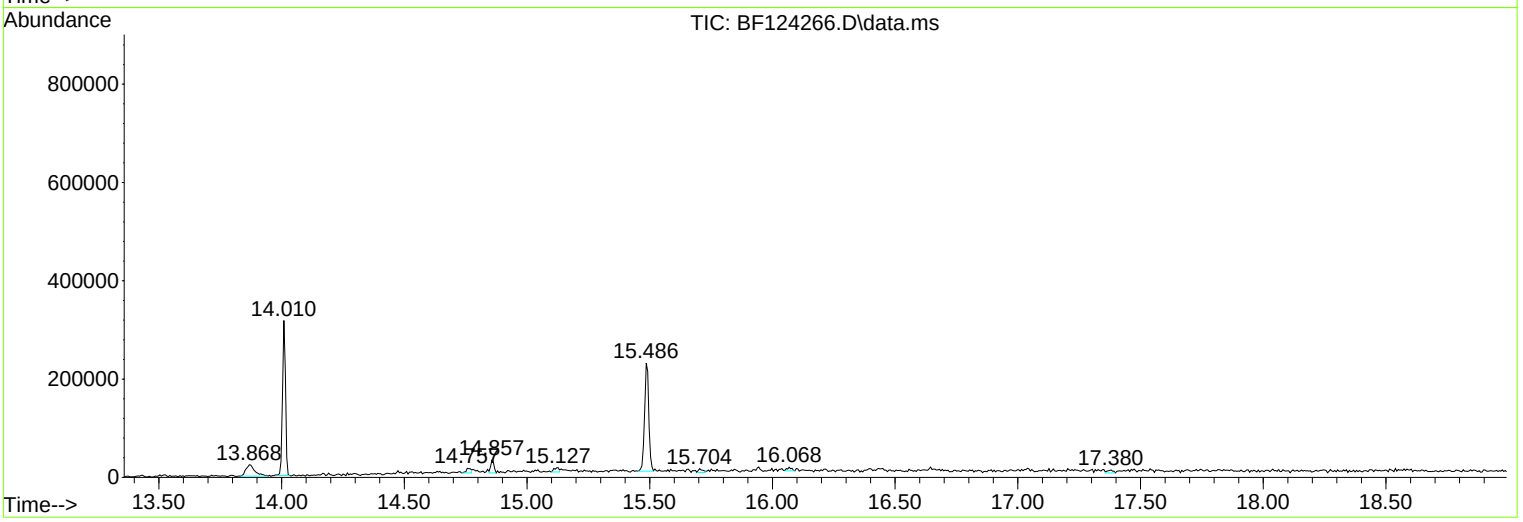
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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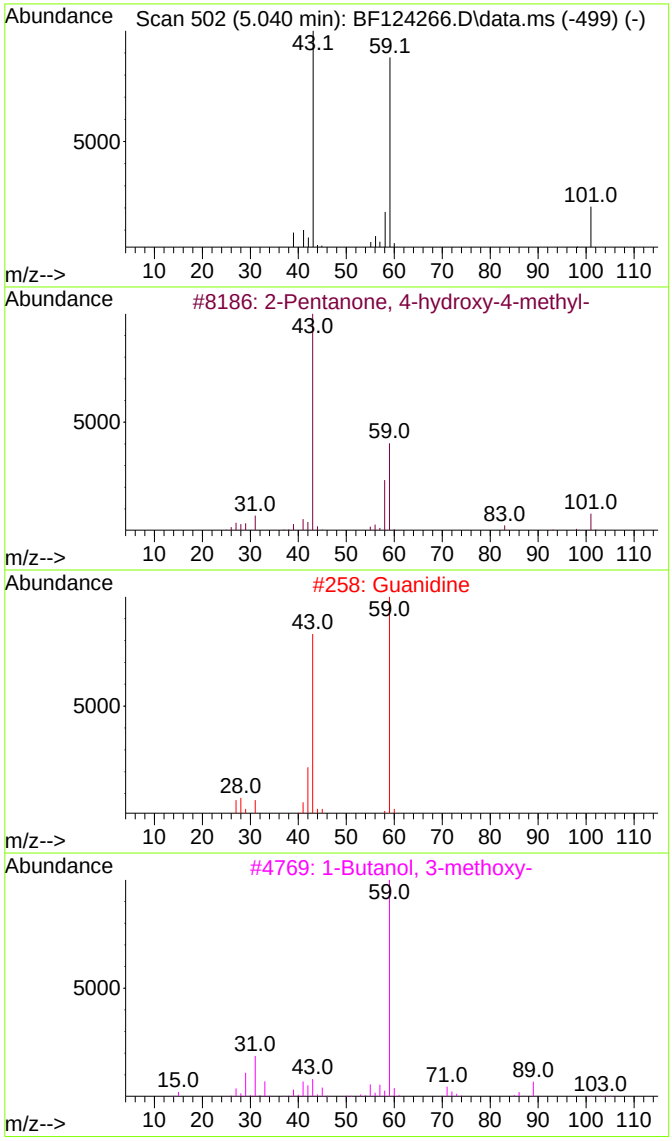
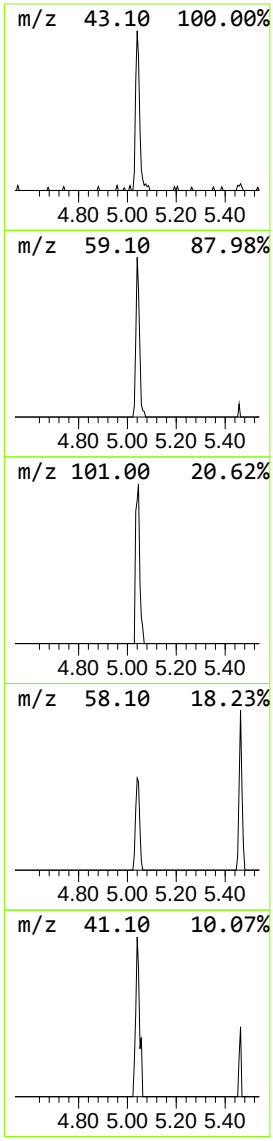
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	5.07 ng	54285	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Guanidine	59	CH5N3	000113-00-8	53
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	38
4	1,2-Butanediol	90	C4H10O2	000584-03-2	33
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	33





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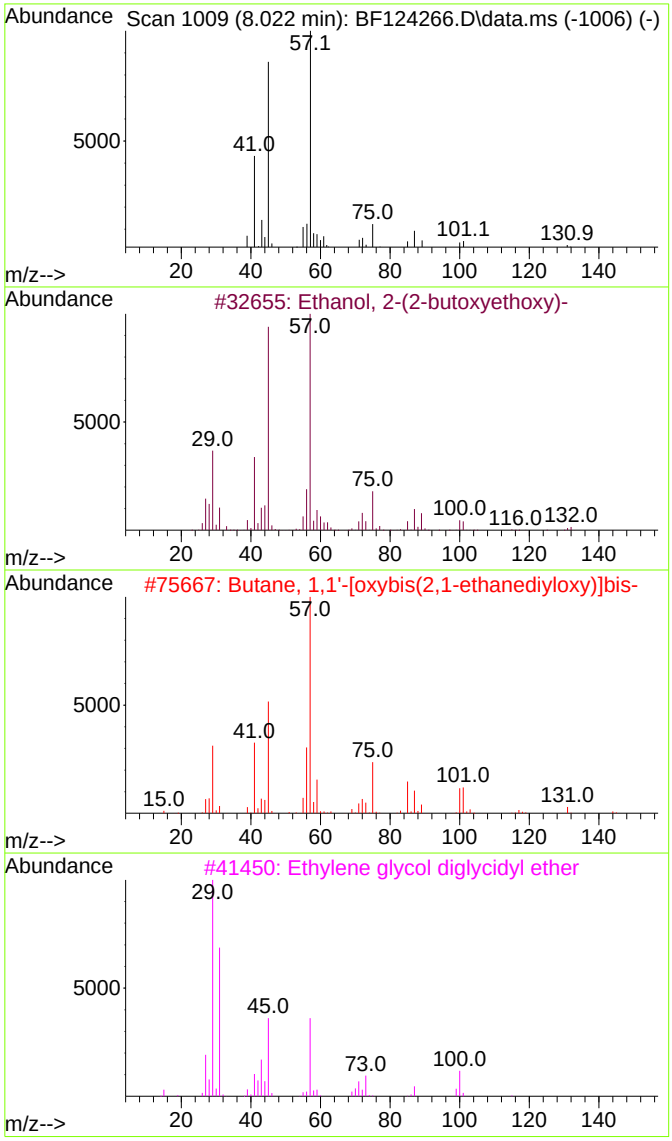
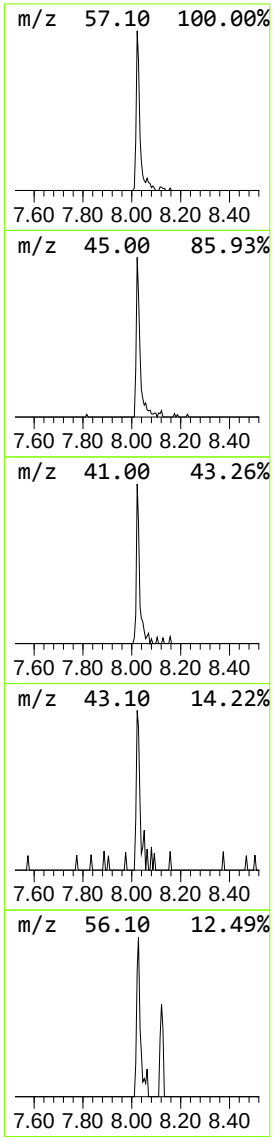
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	7.10 ng	96799	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	56
3	Ethylene glycol diglycidyl ether	174	C8H14O4	002224-15-9	50
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	47
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45





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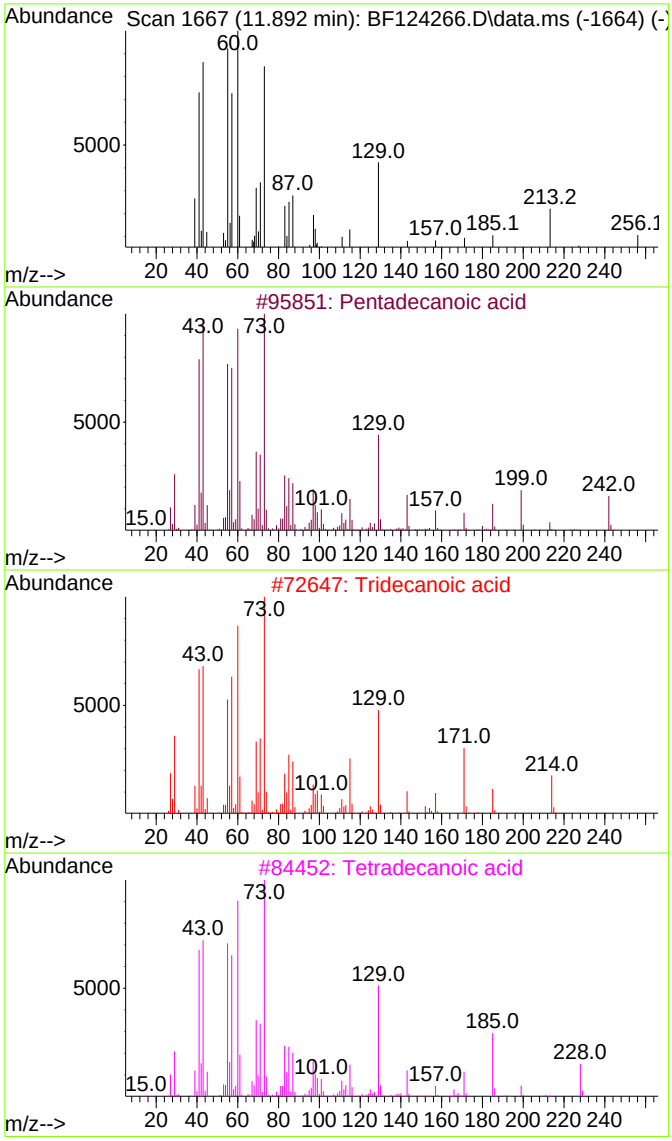
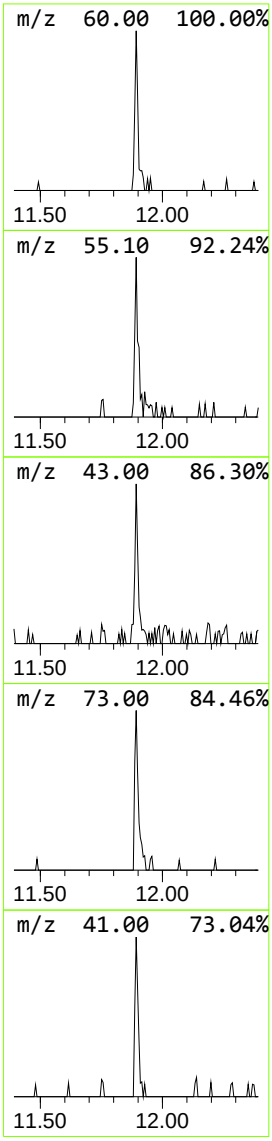
****

Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.77 ng	52372	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47





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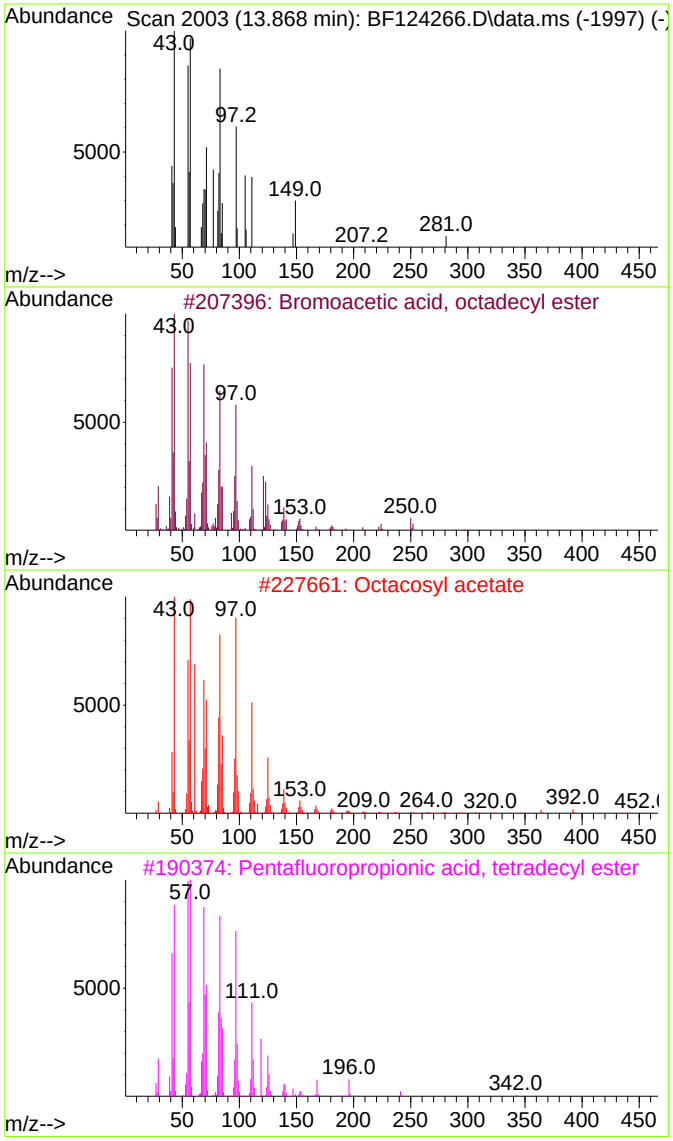
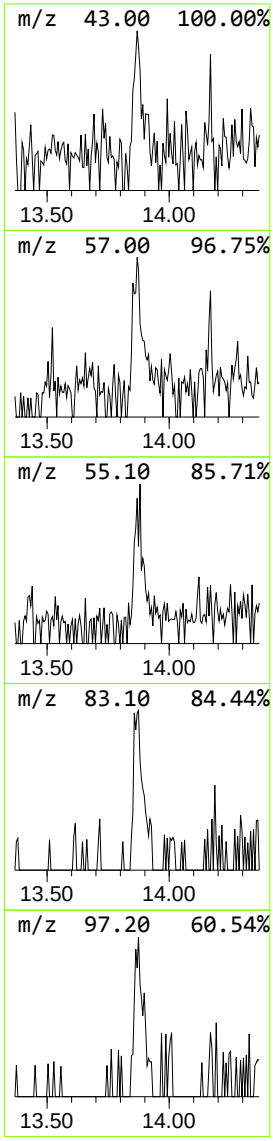
****
Peak Number 4 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	4.49 ng	60112	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	72
2	Octacosyl acetate	452	C30H60O2	018206-97-8	72
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	72
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	72
5	Behenic alcohol	326	C22H46O	000661-19-8	72





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-...	5.040	5.1	ng	54285	1	6.839	214271	20.0
Ethanol, 2-(2-b...	8.022	7.1	ng	96799	2	8.122	272781	20.0
Pentadecanoic acid	11.892	2.8	ng	52372	4	11.369	377789	20.0
Bromoacetic aci...	13.868	4.5	ng	60112	5	14.010	267828	20.0