LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007188.D
Acq On : 25 Sep 2021 16:09
Operator : CG/JU
Sample : M3775-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-5

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_P\Methods\8270E-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007188.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	319	324	335	rVB	246884	350091	3.96%	0.694%
2	5.458	396	403	417	rBV	2618880	3808787	43.12%	7.551%
3	7.052	667	674	691	rBV	2384369	3901309	44.17%	7.734%
4	7.881	806	815	822	rBV	780441	1209975	13.70%	2.399%
5	9.046	1004	1013	1032	rBV	1464650	2528026	28.62%	5.012%
6	10.475	1250	1256	1268	rBV	89600	195744	2.22%	0.388%
7	10.681	1283	1291	1304	rBV	1019943	1714337	19.41%	3.399%
8	13.140	1702	1709	1722	rBV	4275499	6196845	70.15%	12.285%
9	14.516	1936	1943	1950	rBV	1580636	2374056	26.88%	4.706%
10	15.563	2116	2121	2131	rVB	81161	118880	1.35%	0.236%
11	16.004	2189	2196	2209	rBV	3631255	5294585	59.94%	10.496%
12	17.263	2404	2410	2414	rBV	2041748	2868020	32.47%	5.686%
13	17.304	2414	2417	2423	rVB	544711	757660	8.58%	1.502%
14	17.398	2429	2433	2439	rVB	113091	156182	1.77%	0.310%
15	17.669	2471	2479	2483	rBV2	65695	126990	1.44%	0.252%
16	18.151	2554	2561	2564	rBV2	332835	532115	6.02%	1.055%
17	18.322	2585	2590	2593	rBV3	101259	157045	1.78%	0.311%
18	19.275	2747	2752	2758	rVB	757765	1029239	11.65%	2.040%
19	19.380	2767	2770	2774	rBV3	78511	107500	1.22%	0.213%
20	19.592	2803	2806	2807	rBV	98237	101194	1.15%	0.201%
21	19.622	2808	2811	2819	rVB	570036	788509	8.93%	1.563%
22	19.822	2840	2845	2850	rBV	7394846	8833251	100.00%	17.511%
23	21.057	3052	3055	3062	rVB3	361910	532822	6.03%	1.056%
24	21.345	3099	3104	3108	rBV2	2449965	3527923	39.94%	6.994%
25	23.757	3508	3514	3521	rVB2	1596956	3232587	36.60%	6.408%

Sum of corrected areas: 50443672

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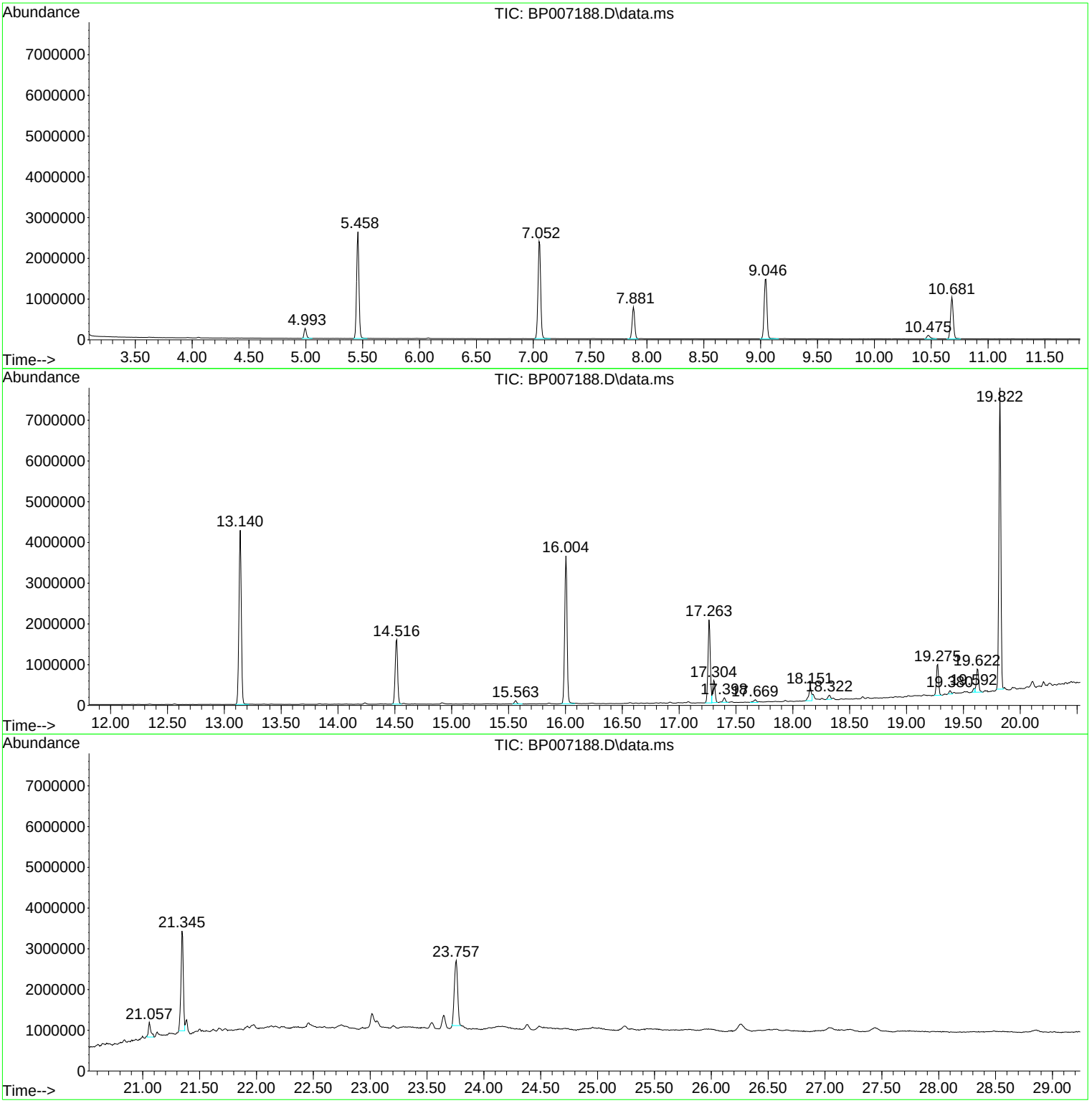
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST20.L
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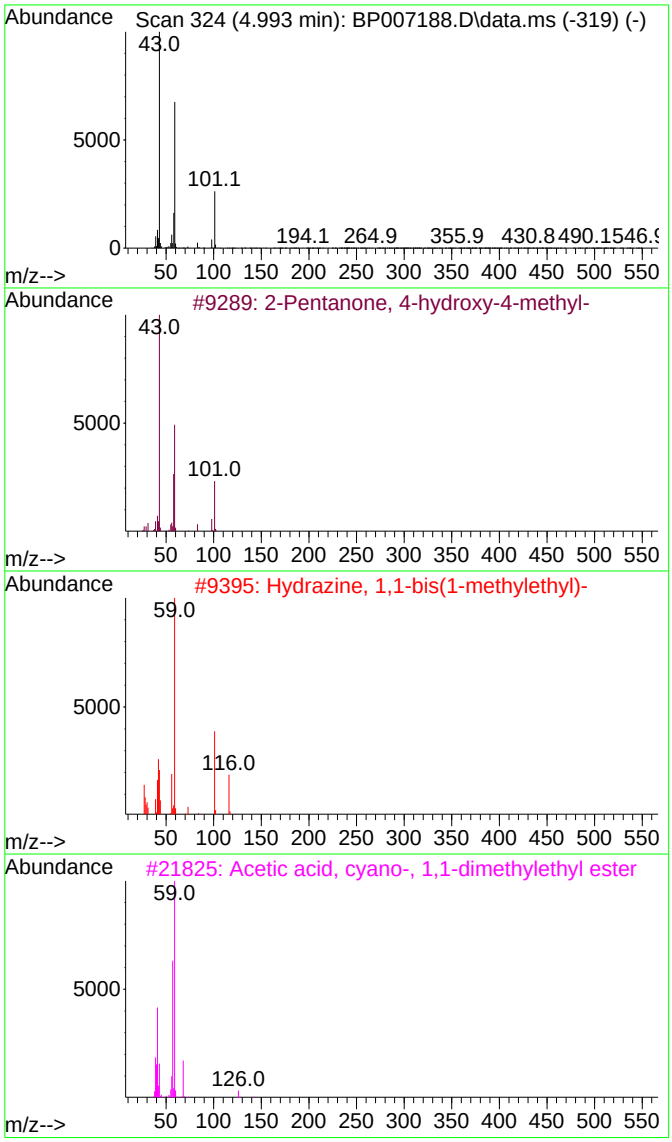
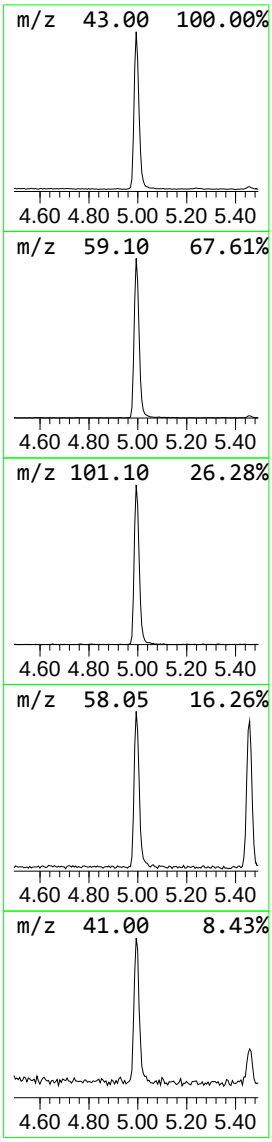
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	5.79 ng	350091	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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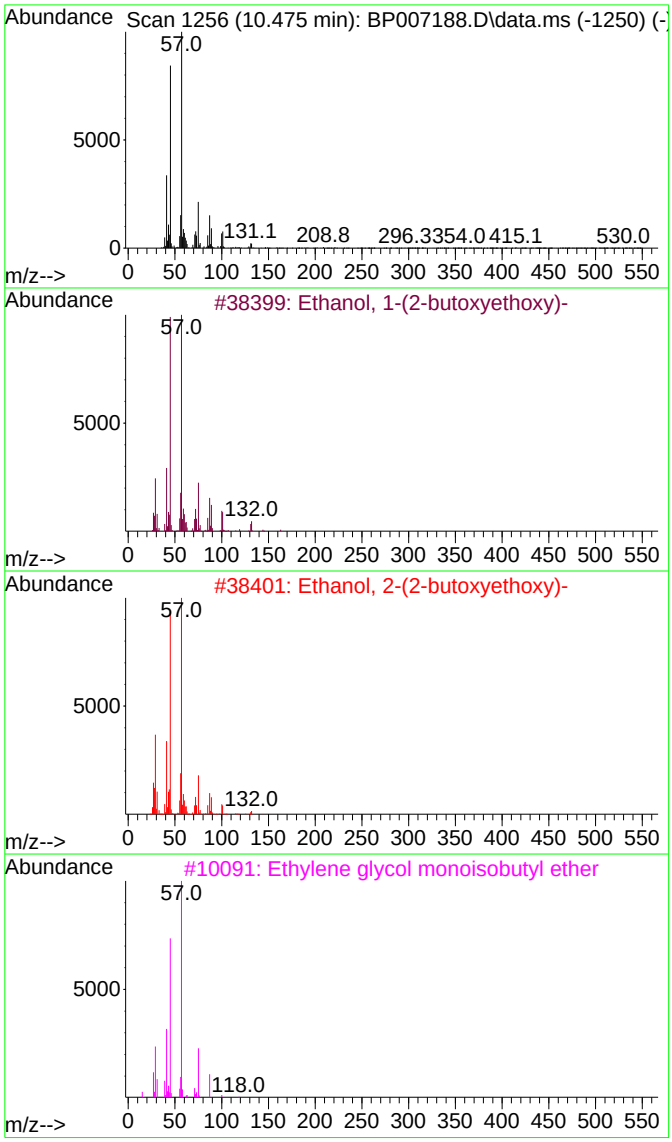
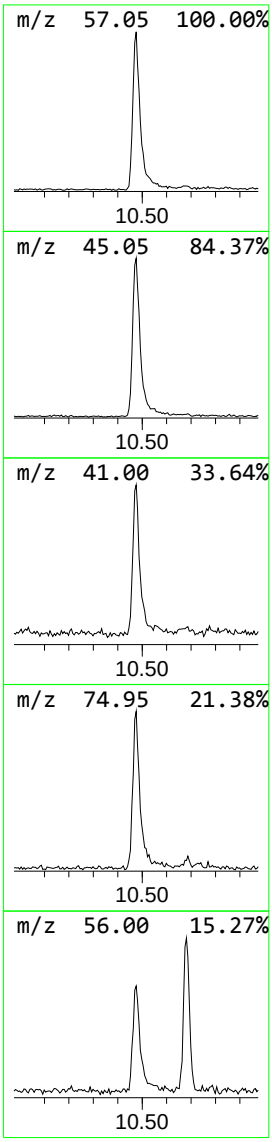
****
Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	2.28 ng	195744	Naphthalene-d8	10.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





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Instrument : BNA_P
ClientSampleId : PE-5

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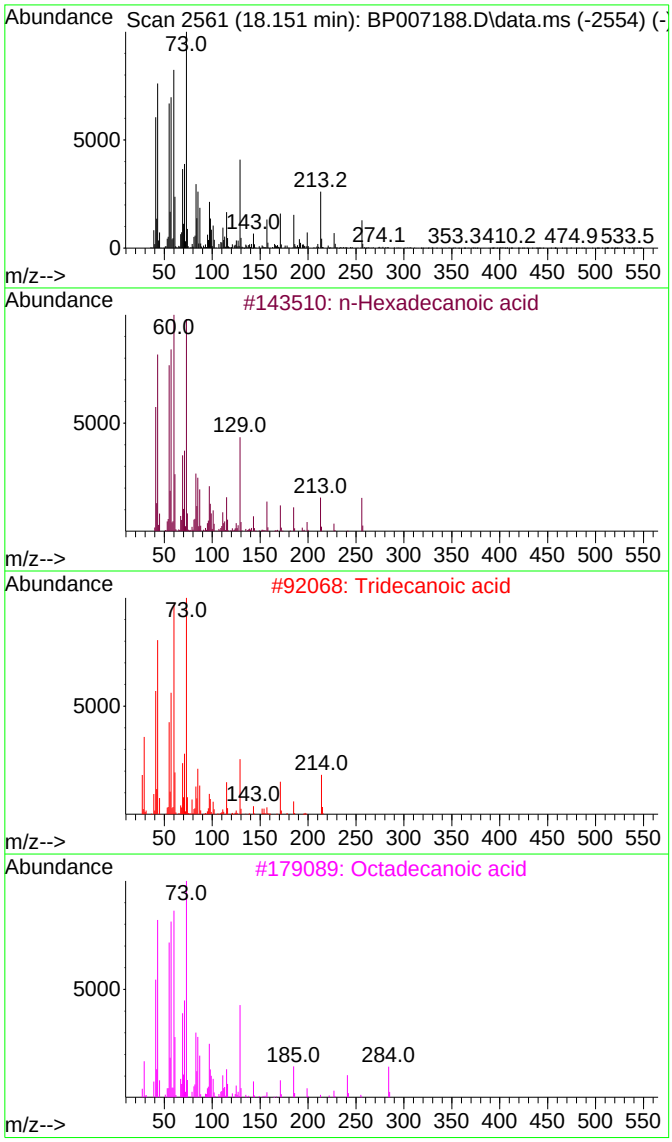
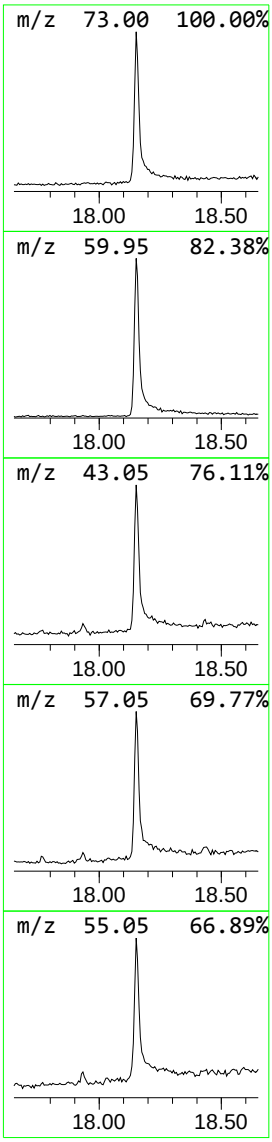
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	3.71 ng	532115	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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Instrument : BNA_P
ClientSampleId : PE-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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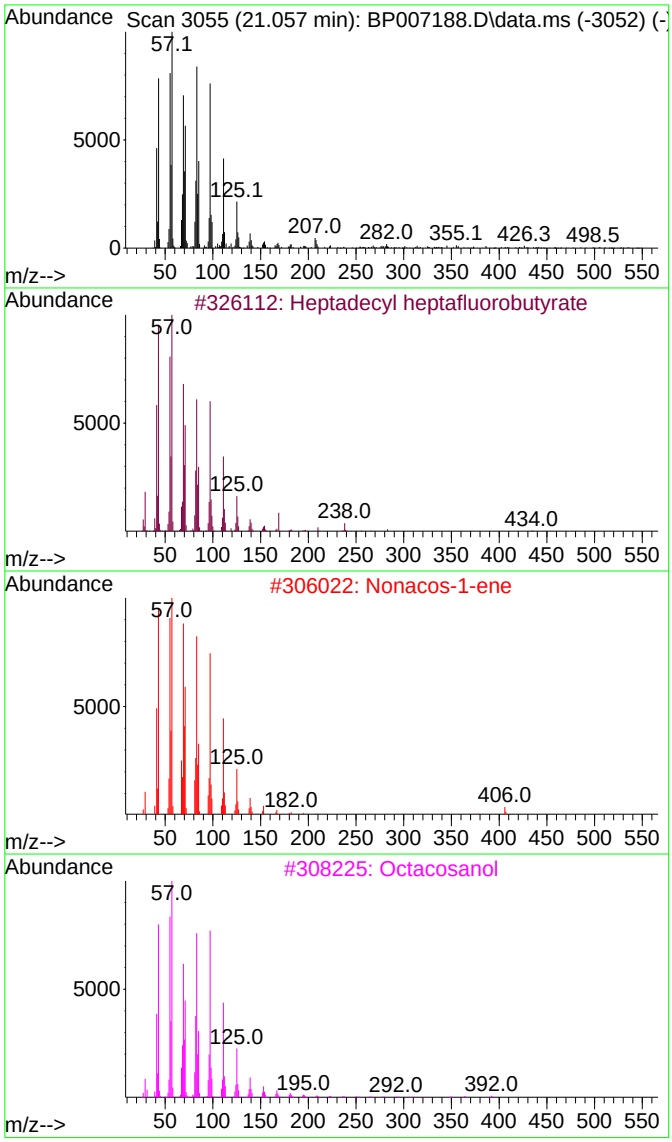
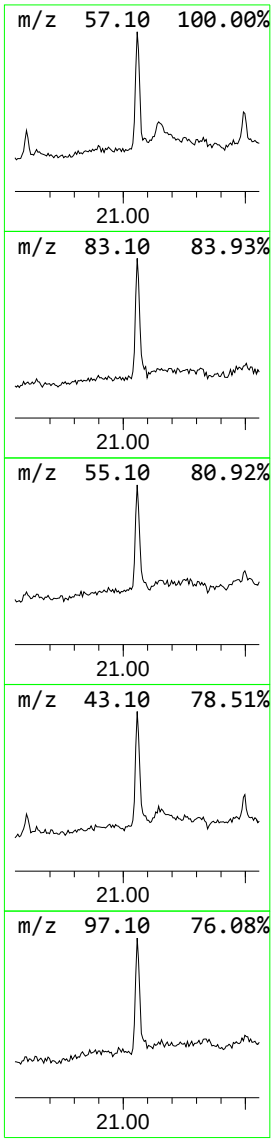
****
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	3.02 ng	532822	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Nonacos-1-ene	406	C29H58	018835-35-3	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Triacontyl acetate	480	C32H64O2	041755-58-2	91





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-...	4.993	5.8	ng	350091	1	7.881	1209980	20.0
Ethanol, 1-(2-b...	10.475	2.3	ng	195744	2	10.681	1714340	20.0
n-Hexadecanoic ...	18.151	3.7	ng	532115	4	17.263	2868020	20.0
Heptadecyl hept...	21.057	3.0	ng	532822	5	21.345	3527920	20.0