LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133441.D
Acq On : 18 May 2023 16:38
Operator : CG\JU
Sample : 02828-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.898	473	478	494	rVB	1142802	1574020	23.20%	3.941%
2	5.328	547	551	562	rBV	4966935	4864889	71.70%	12.182%
3	5.716	614	617	623	rBV	113410	101299	1.49%	0.254%
4	6.363	722	727	730	rBV	4897798	4794490	70.66%	12.006%
5	6.710	783	786	793	rBV	1414535	1082901	15.96%	2.712%
6	7.281	878	883	886	rBV	3687201	3154413	46.49%	7.899%
7	7.998	1001	1005	1010	rBV	1612359	1360945	20.06%	3.408%
8	9.075	1184	1188	1191	rBV	6045607	5076248	74.81%	12.711%
9	9.751	1299	1303	1306	rBV	1600152	1433262	21.12%	3.589%
10	10.463	1419	1424	1427	rBV	296378	235427	3.47%	0.590%
11	10.539	1433	1437	1454	rBV	3236437	3080529	45.40%	7.714%
12	11.233	1551	1555	1558	rBV	1854590	1554125	22.90%	3.892%
13	11.769	1642	1646	1661	rBV3	253960	357947	5.28%	0.896%
14	12.557	1776	1780	1784	rBV2	50286	70011	1.03%	0.175%
15	12.821	1820	1825	1829	rBV	6161397	6785185	100.00%	16.990%
16	13.733	1975	1980	1996	rBV3	240656	694005	10.23%	1.738%
17	13.868	1999	2003	2007	rBV	1881853	1781702	26.26%	4.461%
18	14.045	2029	2033	2036	rBV	86693	79620	1.17%	0.199%
19	14.345	2081	2084	2088	rVB	80862	80991	1.19%	0.203%
20	14.645	2132	2135	2139	rVB	82450	68949	1.02%	0.173%
21	14.710	2143	2146	2152	rVB	85616	107929	1.59%	0.270%
22	14.962	2186	2189	2193	rBV	70461	77683	1.14%	0.195%
23	15.292	2240	2245	2249	rBV	1339538	1518733	22.38%	3.803%

Sum of corrected areas: 39935303

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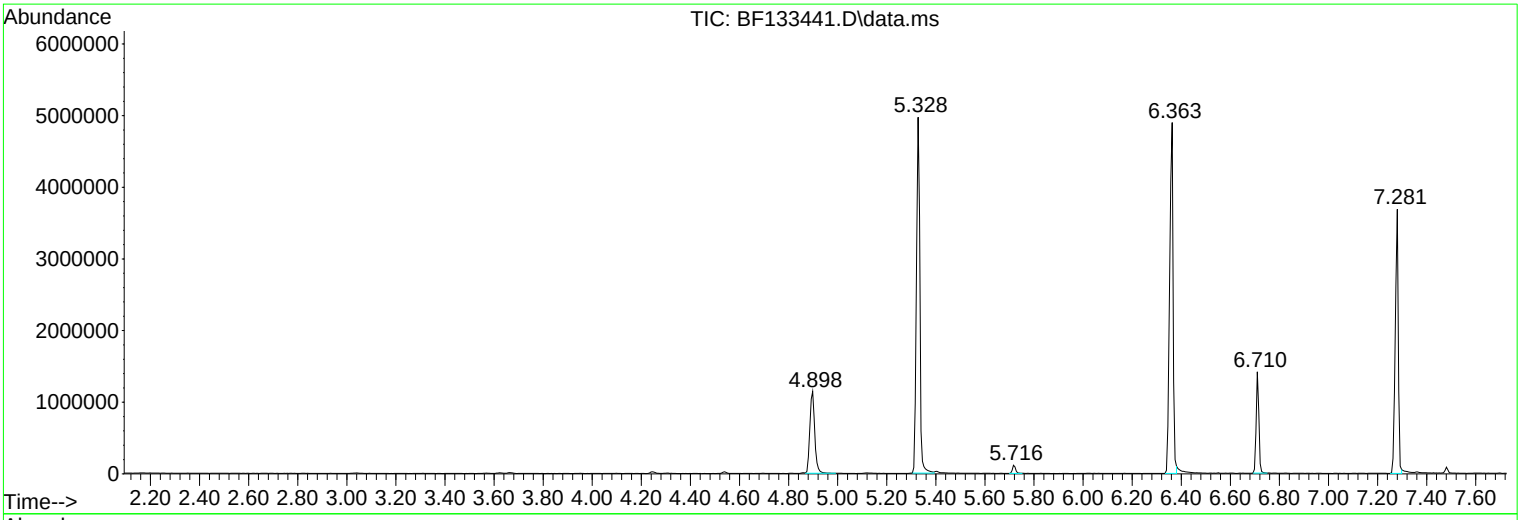
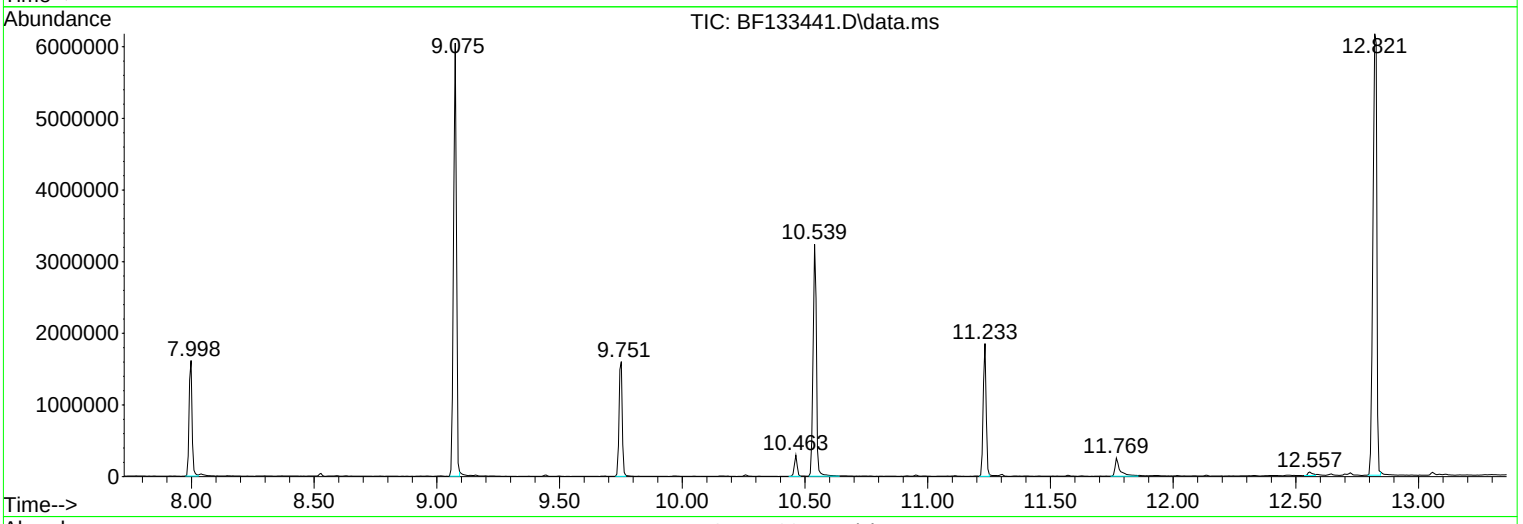
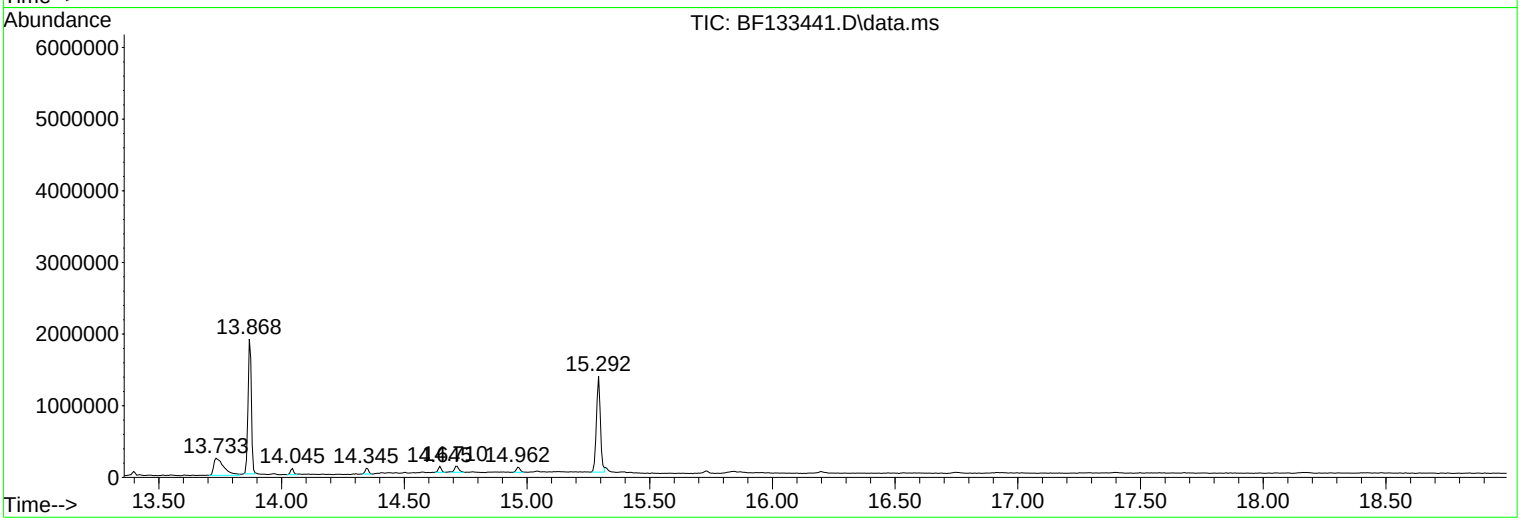
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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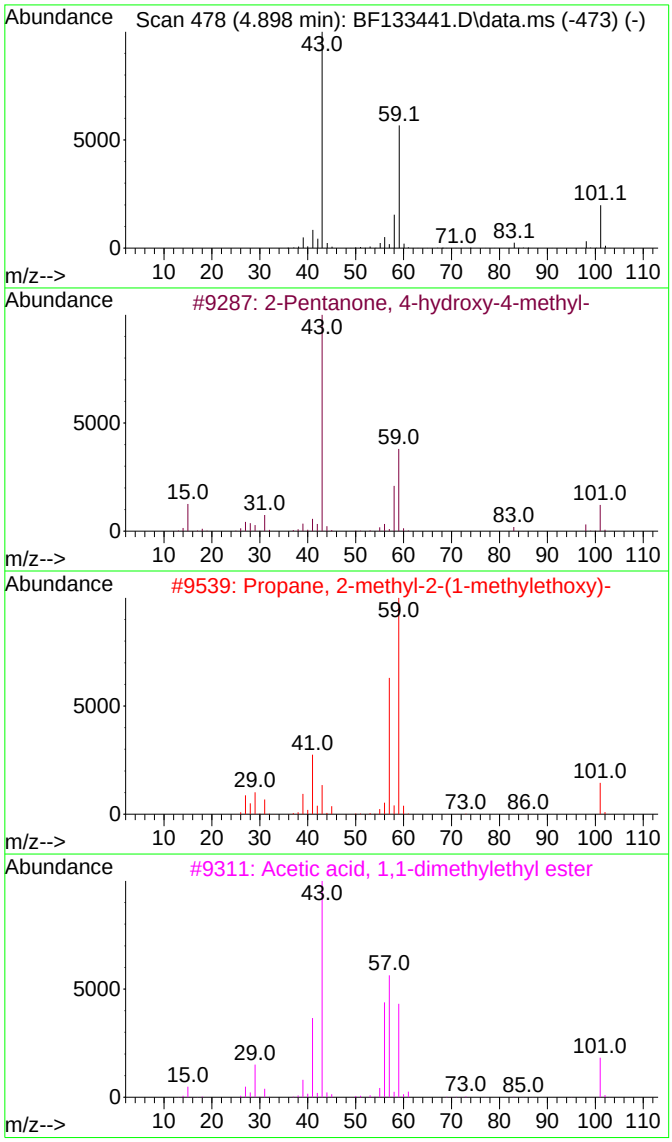
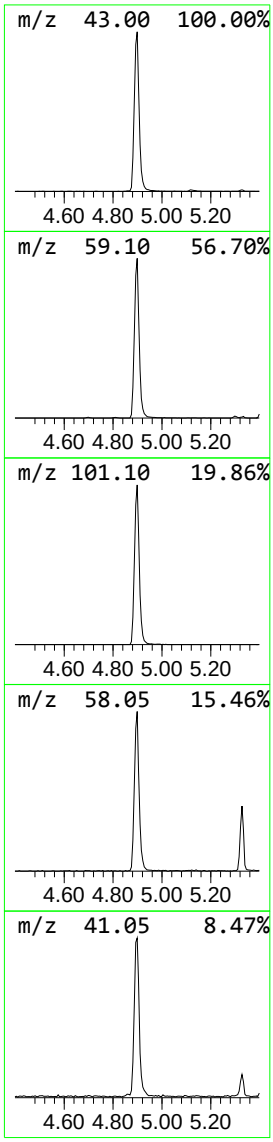
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.898	29.07 ng	1574020	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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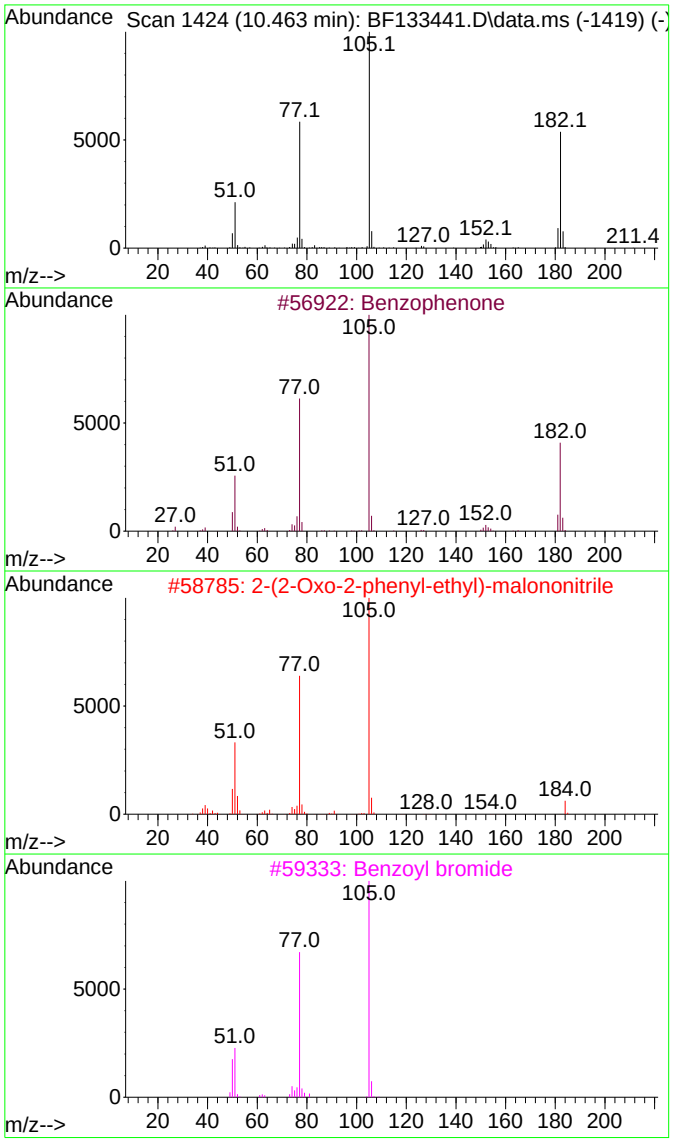
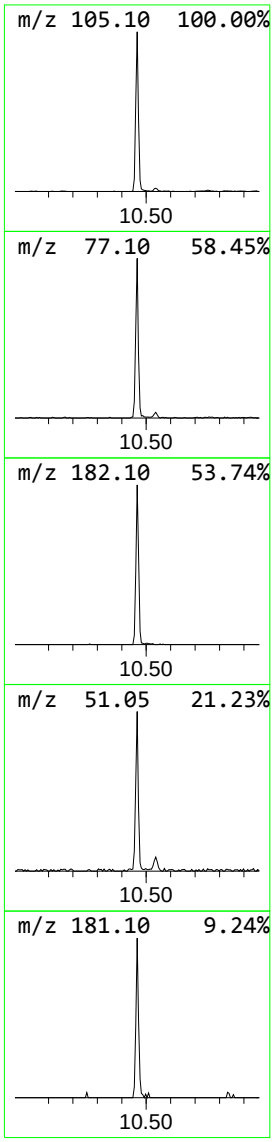
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	3.29 ng	235427	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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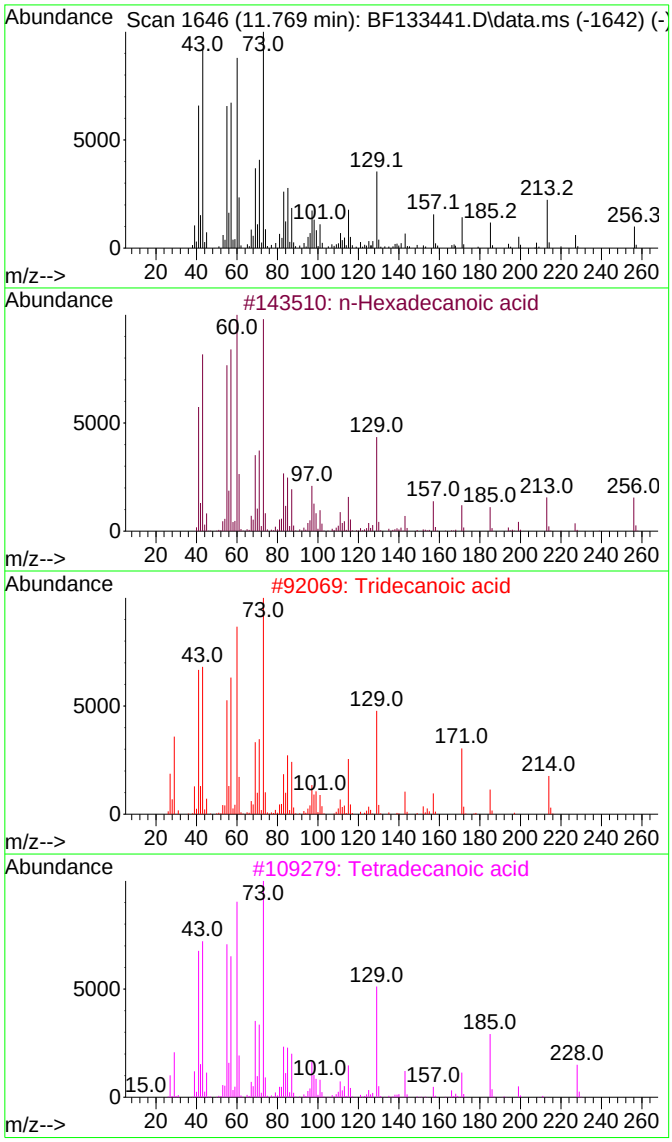
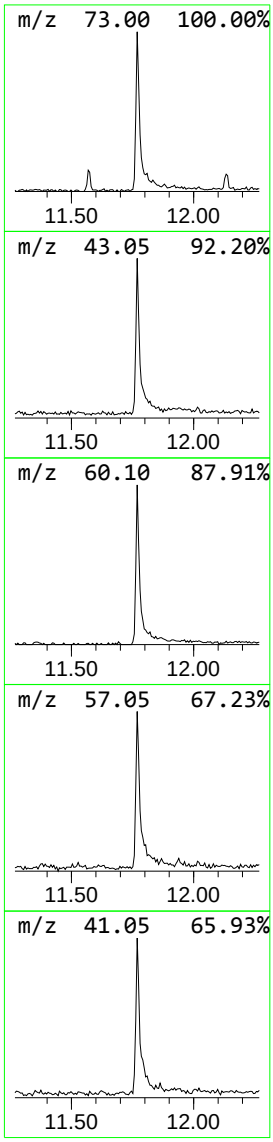
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	4.61 ng	357947	Phenanthrene-d10	11.233

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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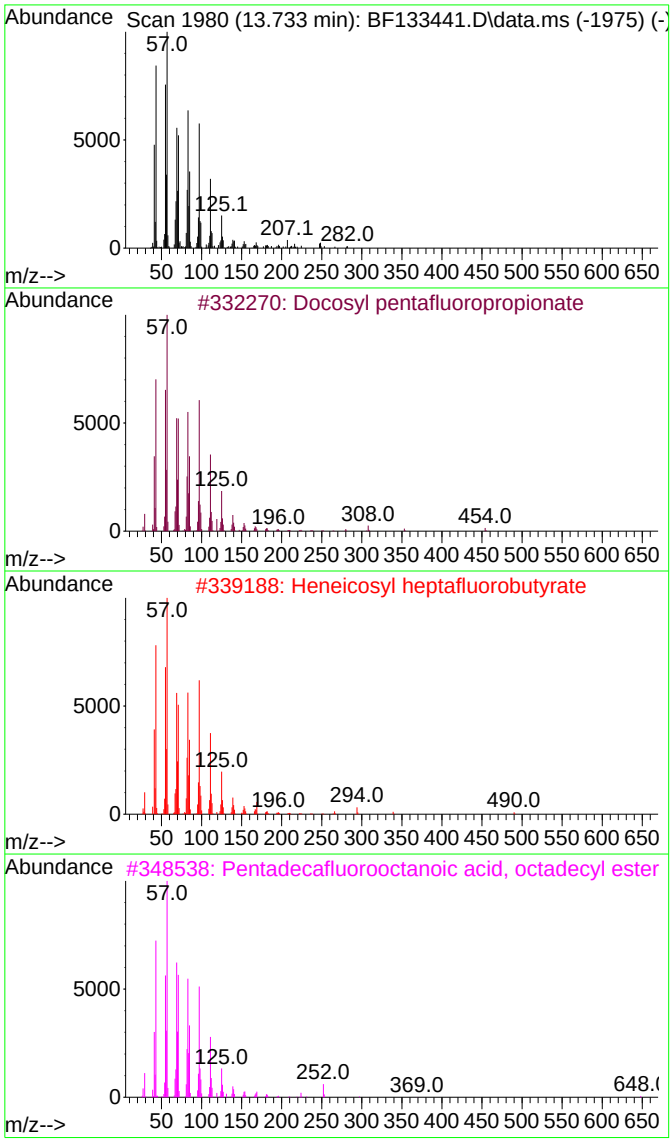
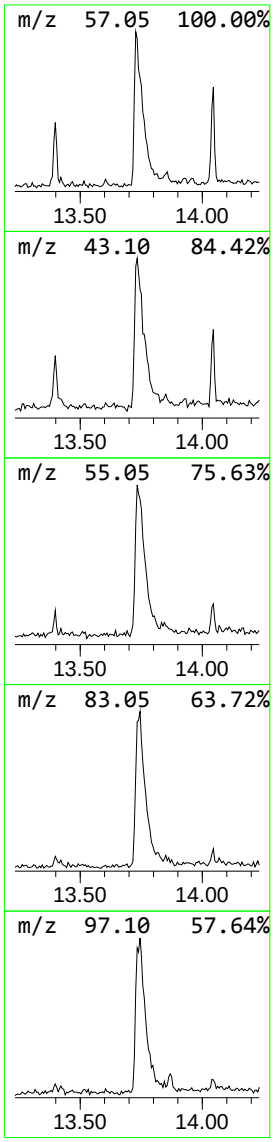
****
Peak Number 4 Docosyl pentafluoropropionate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	7.79 ng	694005	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	94
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	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-...	4.898	29.1	ng	1574020	1	6.710	1082900	20.0
Benzophenone	10.463	3.3	ng	235427	3	9.751	1433260	20.0
n-Hexadecanoic ...	11.769	4.6	ng	357947	4	11.233	1554130	20.0
Docosyl pentafl...	13.733	7.8	ng	694005	5	13.868	1781700	20.0