LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028588.D
Acq On : 28 Jan 2021 15:31
Operator : CG/JU
Sample : M1249-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 2

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028588.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.510	389	395	405	rBV	393236	592955	63.56%	9.554%
2	7.157	668	675	688	rBV	407477	635266	68.10%	10.236%
3	7.963	806	812	819	rBV	112583	172398	18.48%	2.778%
4	9.139	1005	1012	1020	rBV	246168	396740	42.53%	6.393%
5	10.780	1284	1291	1298	rBV	140390	232978	24.97%	3.754%
6	13.233	1702	1708	1718	rBV	524362	743926	79.74%	11.987%
7	14.063	1844	1849	1856	rVB	11503	15247	1.63%	0.246%
8	14.610	1936	1942	1951	rVB2	193383	278974	29.90%	4.495%
9	16.098	2189	2195	2204	rBV	423351	576696	61.82%	9.292%
10	17.345	2401	2407	2412	rBV	214780	295291	31.65%	4.758%
11	18.221	2551	2556	2572	rBV	176762	238430	25.56%	3.842%
12	18.709	2635	2639	2647	rVB	6006	9841	1.05%	0.159%
13	18.974	2679	2684	2689	rBV	33288	42220	4.53%	0.680%
14	19.062	2695	2699	2702	rBV	8673	12538	1.34%	0.202%
15	19.133	2707	2711	2716	rBV5	5106	9609	1.03%	0.155%
16	19.351	2743	2748	2749	rBV4	8035	11107	1.19%	0.179%
17	19.380	2749	2753	2762	rVB2	13959	30177	3.23%	0.486%
18	19.486	2767	2771	2782	rBV	126156	173725	18.62%	2.799%
19	19.939	2843	2848	2854	rBV	765616	932892	100.00%	15.032%
20	21.180	3055	3059	3064	rBV	120014	142193	15.24%	2.291%
21	21.480	3106	3110	3115	rBV	258760	332543	35.65%	5.358%
22	23.750	3490	3496	3504	rVB2	174150	330482	35.43%	5.325%

Sum of corrected areas: 6206228

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BNA_M
ClientSampleId :
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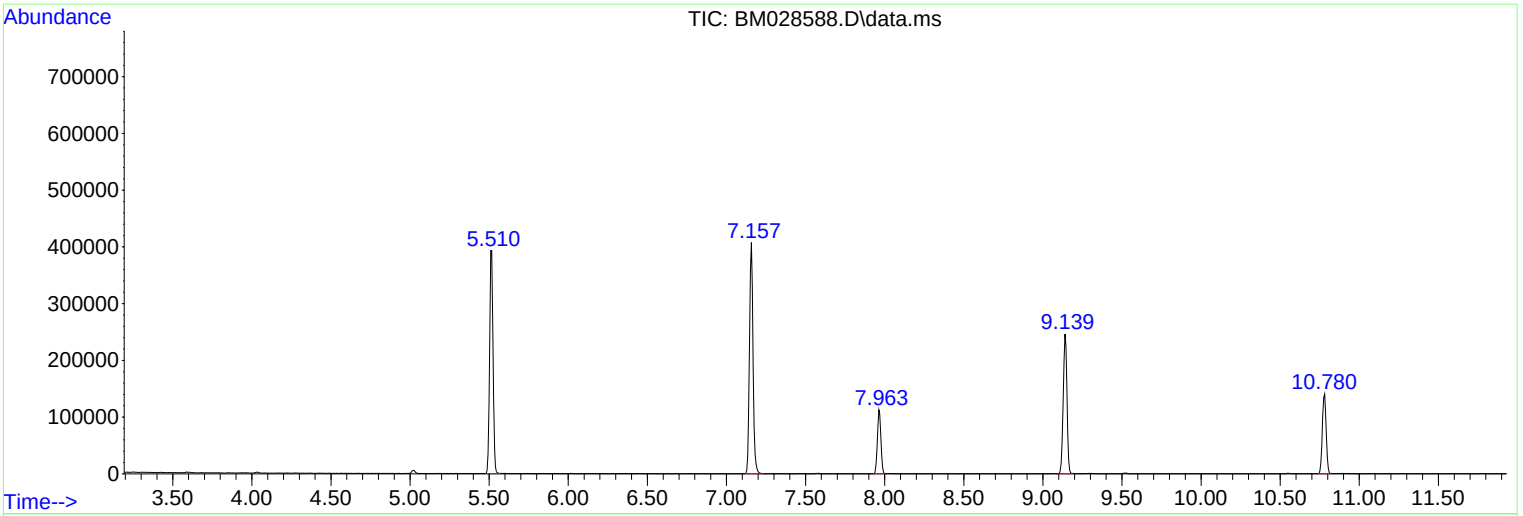
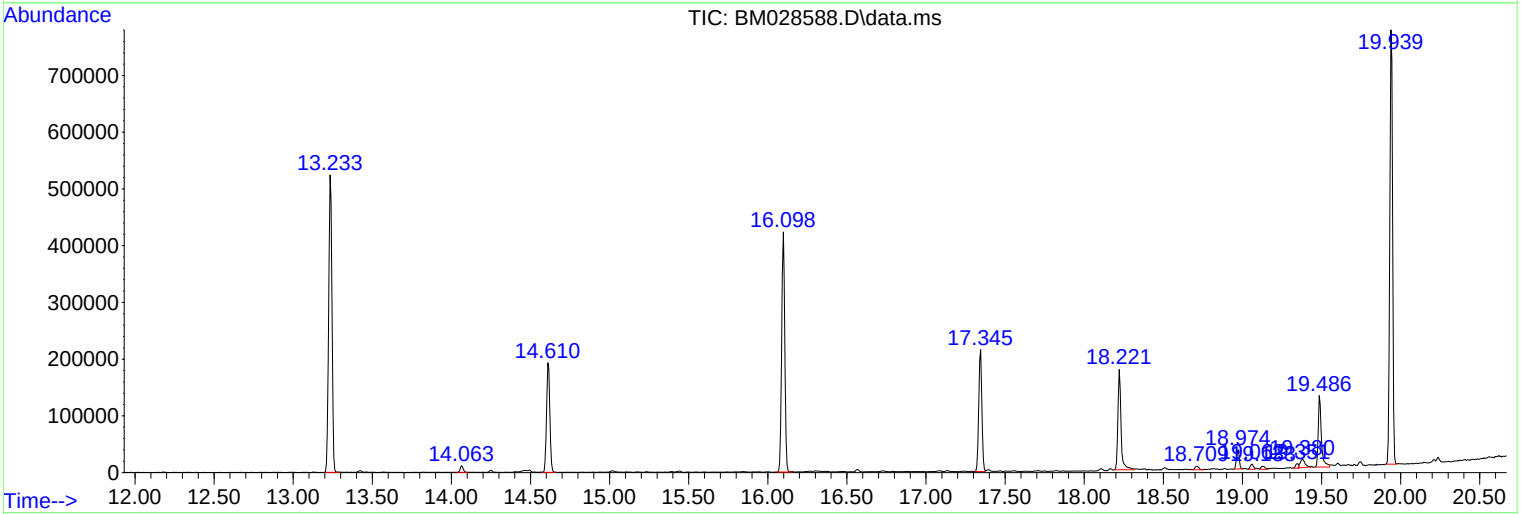
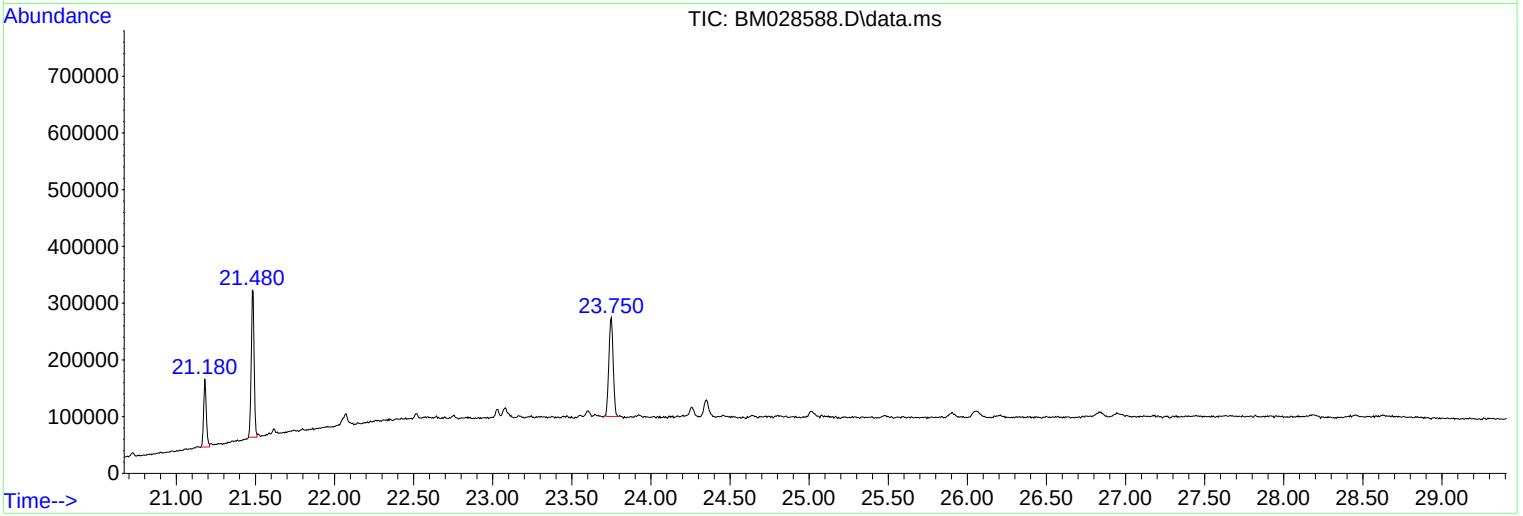
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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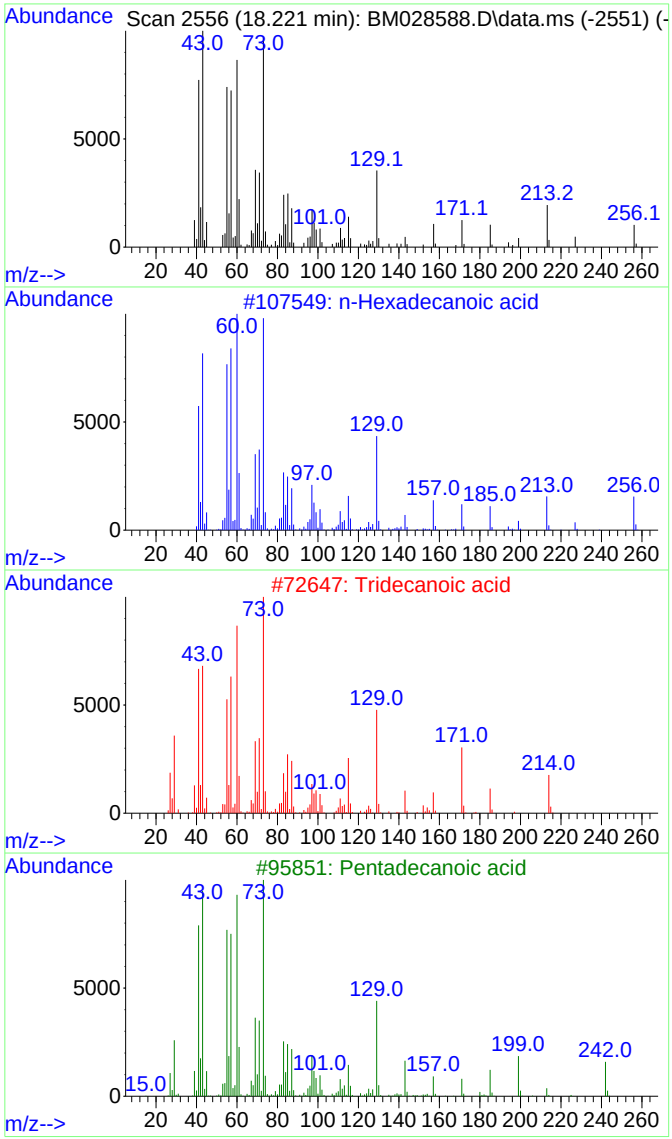
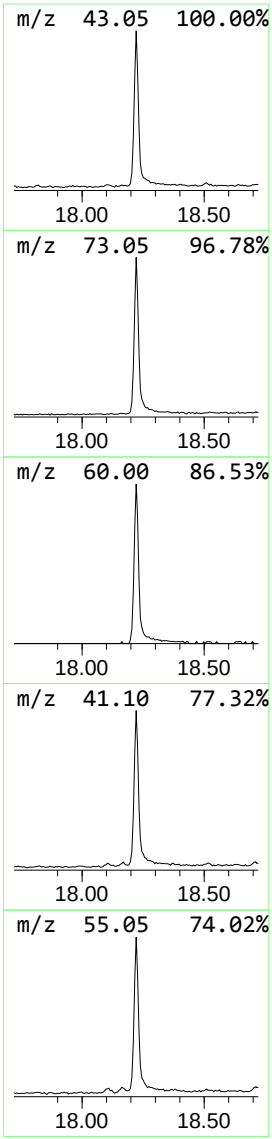
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	16.15 ng	238430	Phenanthrene-d10	17.345

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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Octanoic acid	144	C8H16O2	000124-07-2	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
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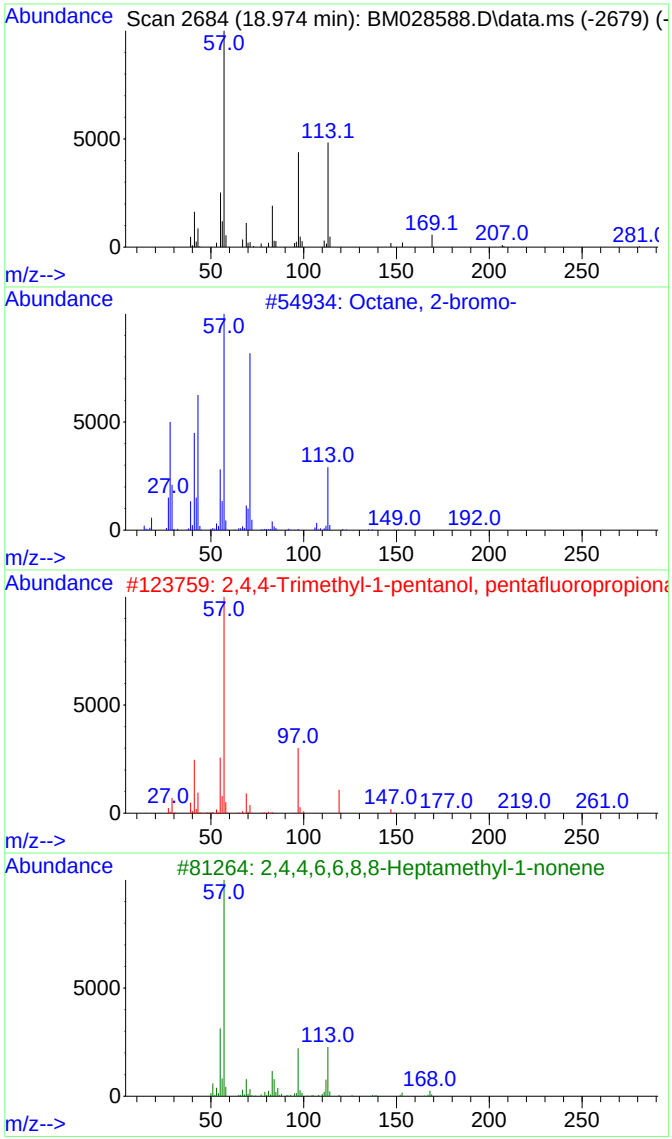
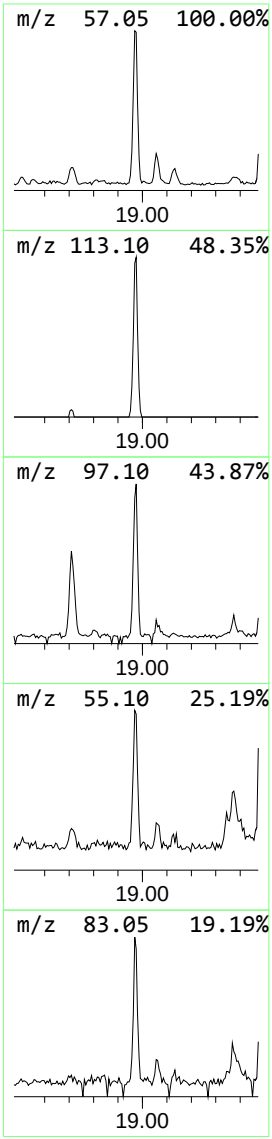
Peak Number 2 unknown18.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	2.86 ng	42220	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	37
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	32





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Operator : CG/JU
Sample : M1249-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
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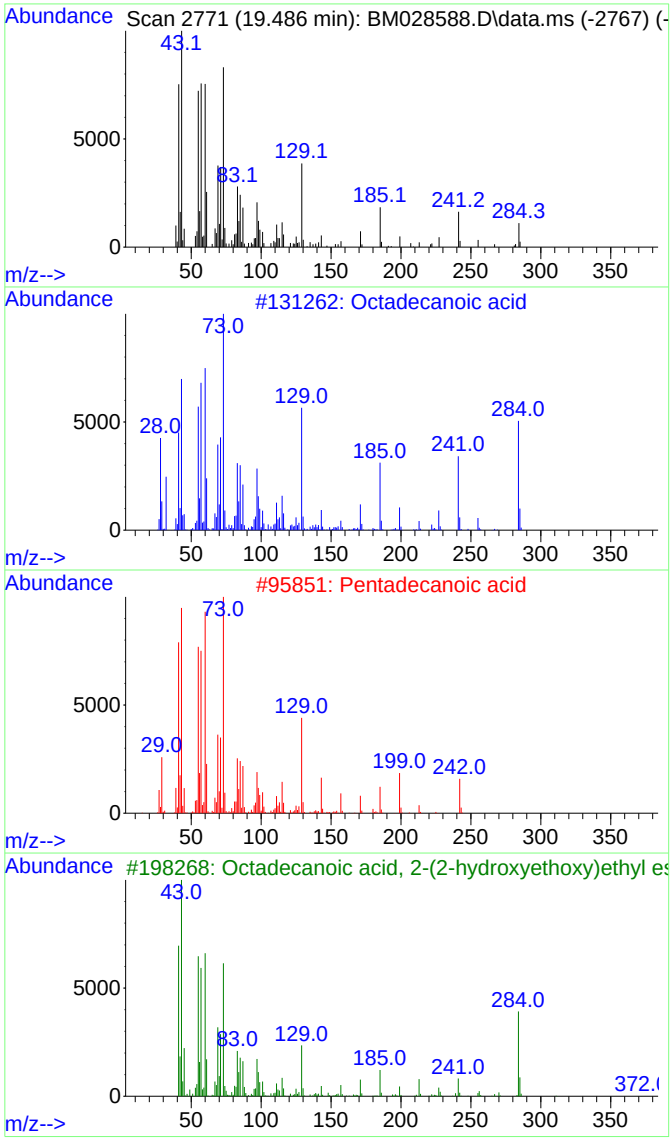
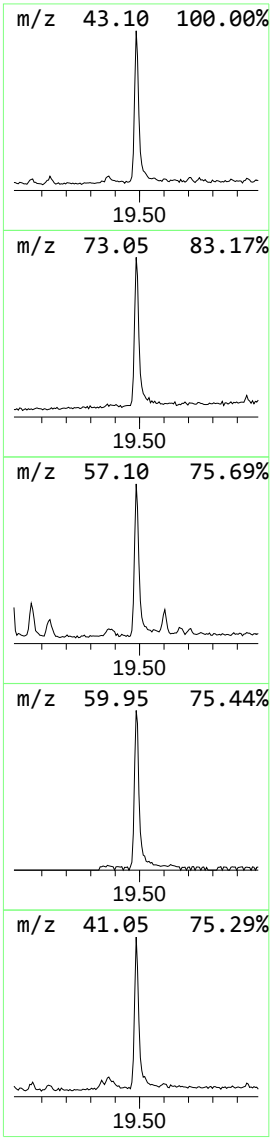
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	10.45 ng	173725	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
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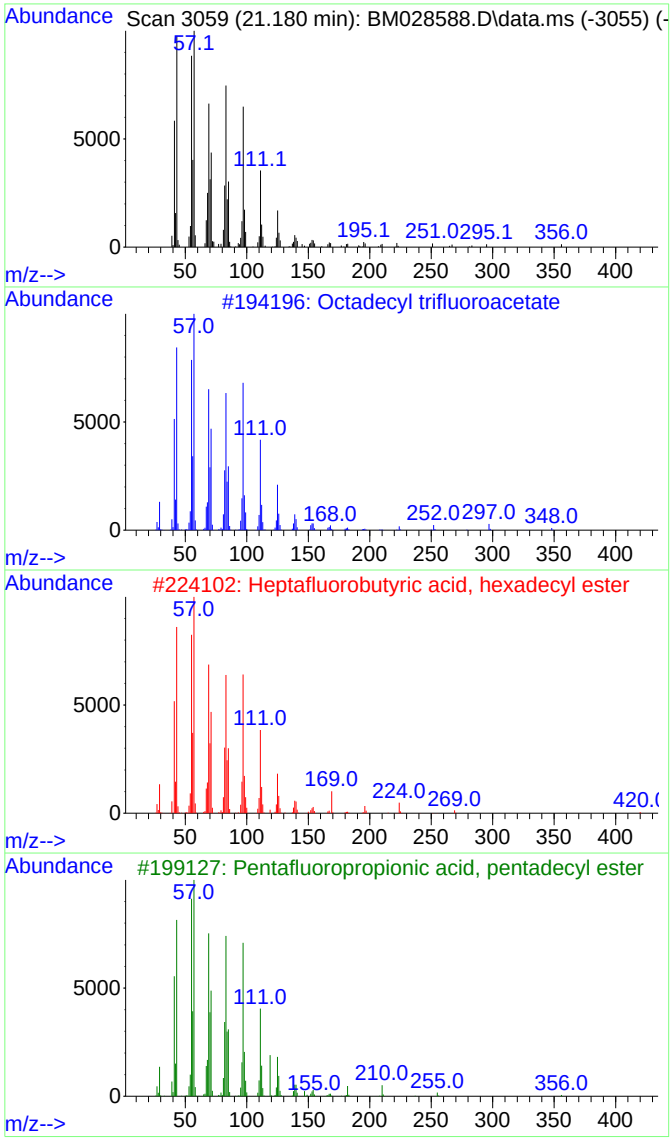
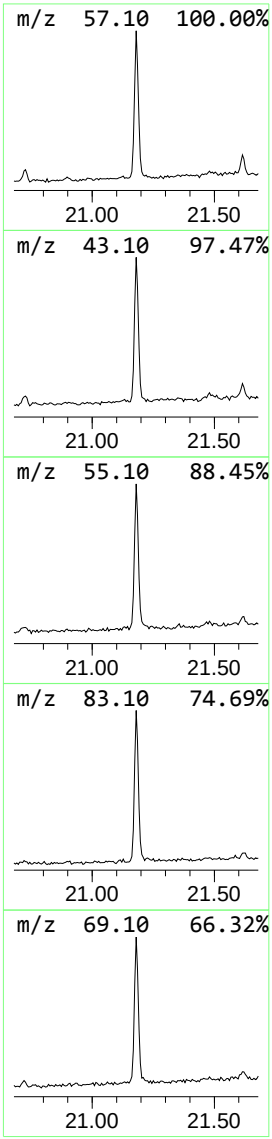
Peak Number 5 Octadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	8.55 ng	142193	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.221	16.1	ng	238430	4	17.345	295291	20.0
unknown18.97	18.974	2.9	ng	42220	4	17.345	295291	20.0
Octadecanoic acid	19.486	10.4	ng	173725	5	21.486	332543	20.0
Octadecyl trifl...	21.180	8.6	ng	142193	5	21.486	332543	20.0