LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
Data File : BM049789.D
Acq On : 02 Apr 2025 14:07
Operator : RC/JU
Sample : Q1680-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-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_M\Methods\8270-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049789.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	15	rVB	110509	147933	1.08%	0.227%
2	4.904	321	326	335	rVB	648540	875268	6.41%	1.341%
3	5.369	398	405	419	rBV	4396568	5979973	43.81%	9.162%
4	6.957	668	675	691	rBV	4120512	6101984	44.71%	9.349%
5	7.787	809	816	823	rBV	1054656	1581914	11.59%	2.424%
6	8.939	1004	1012	1022	rBV	2331834	3649028	26.73%	5.591%
7	10.580	1282	1291	1299	rBV	1231737	1948507	14.28%	2.985%
8	13.051	1704	1711	1724	rBV	6277341	8633910	63.26%	13.228%
9	14.427	1937	1945	1952	rBV	1804880	2520375	18.47%	3.861%
10	15.786	2168	2176	2182	rBV	253193	344169	2.52%	0.527%
11	15.915	2191	2198	2214	rBV	5049055	6685406	48.98%	10.242%
12	17.168	2405	2411	2417	rBV	2115010	2891445	21.18%	4.430%
13	18.074	2559	2565	2573	rBV	464946	736457	5.40%	1.128%
14	19.227	2756	2761	2770	rVB	95254	138958	1.02%	0.213%
15	19.350	2777	2782	2790	rBV2	183251	301310	2.21%	0.462%
16	19.556	2813	2817	2820	rBV	144330	223256	1.64%	0.342%
17	19.586	2820	2822	2831	rVB	109773	171867	1.26%	0.263%
18	19.792	2852	2857	2866	rBV	11922486	13649101	100.00%	20.911%
19	21.092	3073	3078	3087	rBV	270175	481905	3.53%	0.738%
20	21.403	3124	3131	3135	rVV	2724005	4001351	29.32%	6.130%
21	21.444	3135	3138	3146	rVB	232986	368725	2.70%	0.565%
22	24.397	3632	3640	3657	rVB	1498046	3838671	28.12%	5.881%

Sum of corrected areas: 65271513

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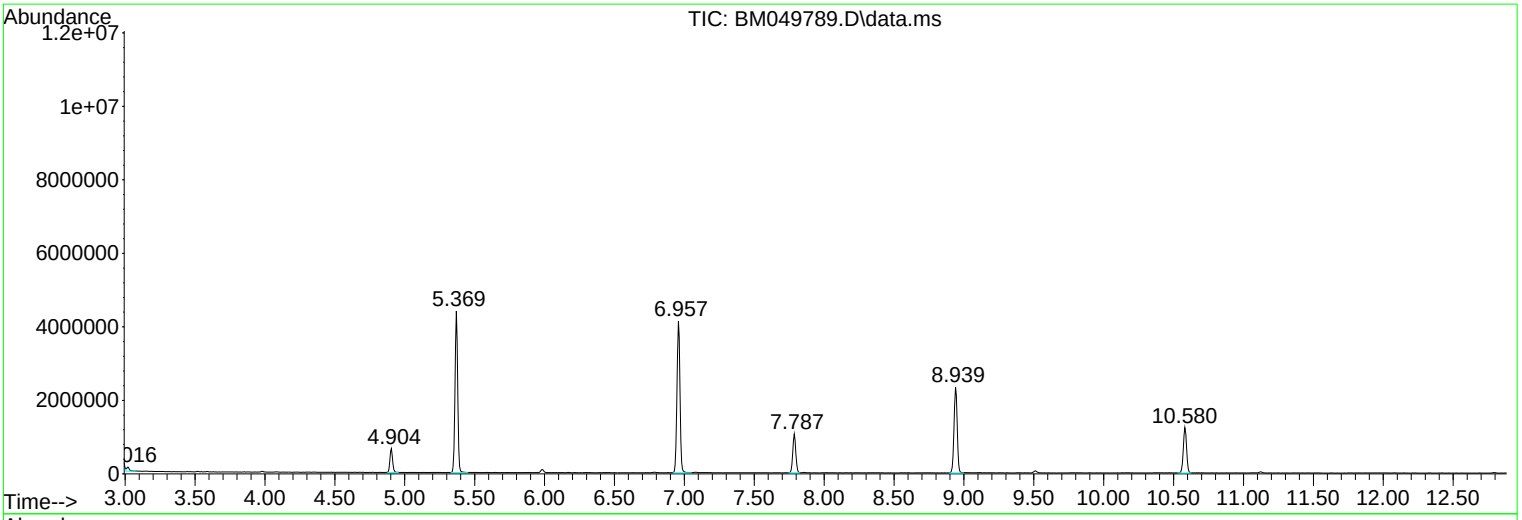
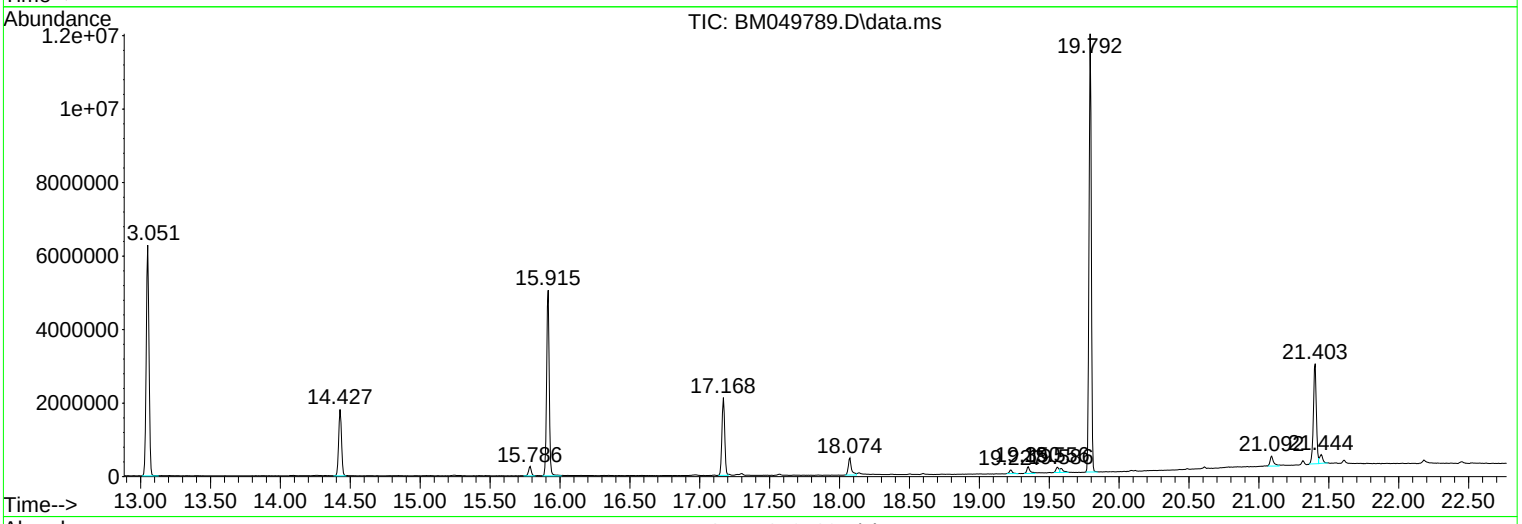
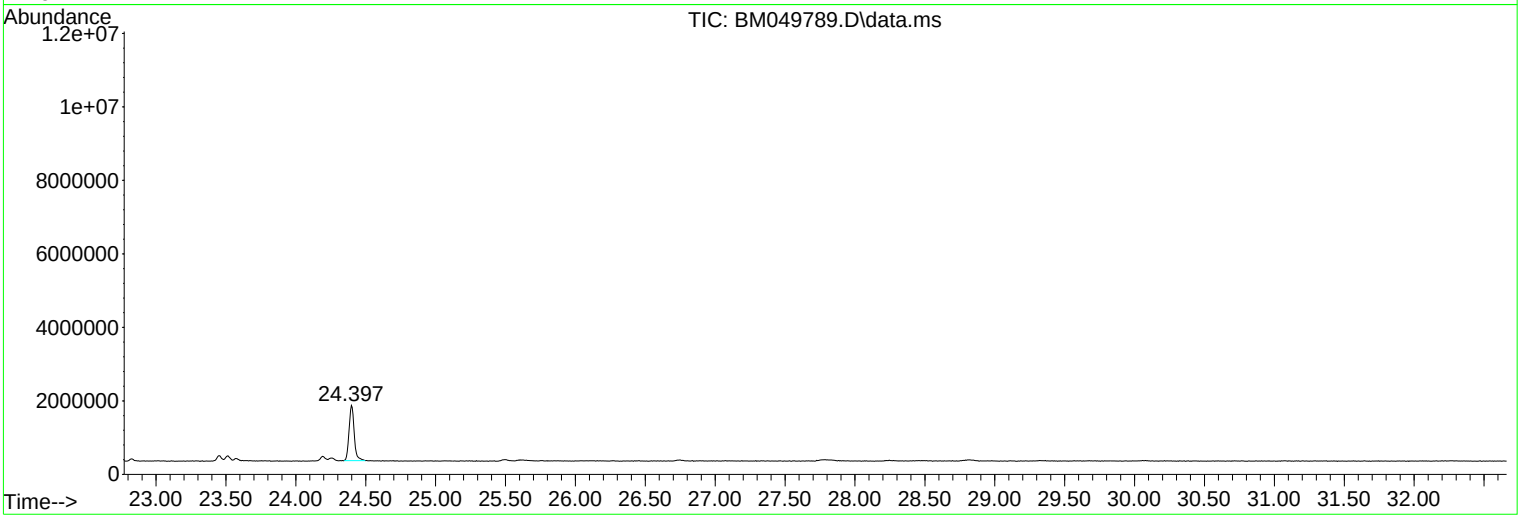
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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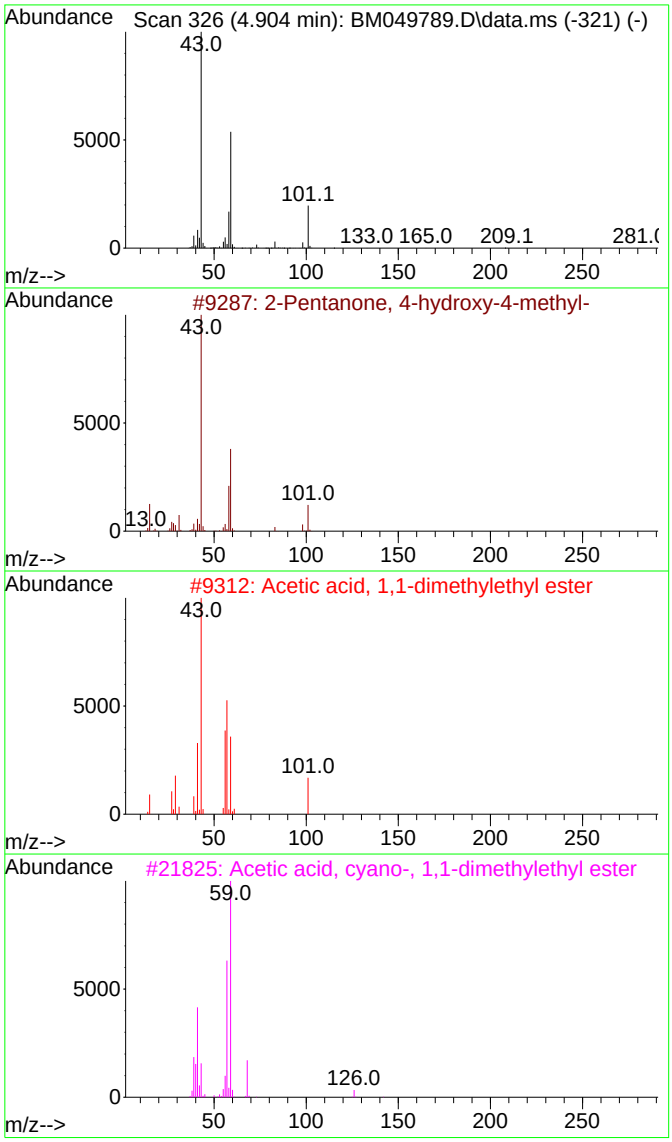
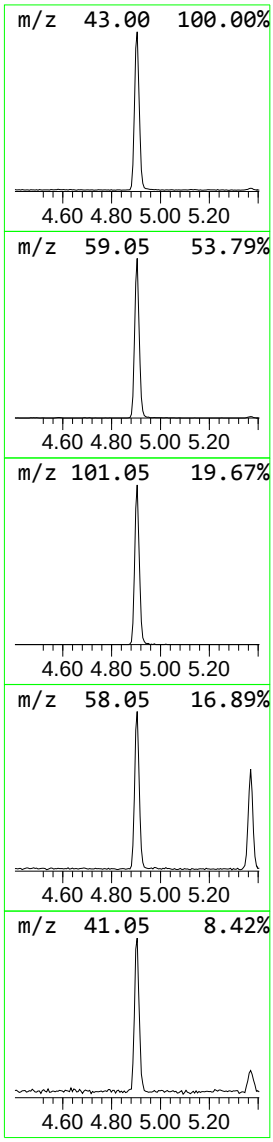
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	11.07 ng	875268	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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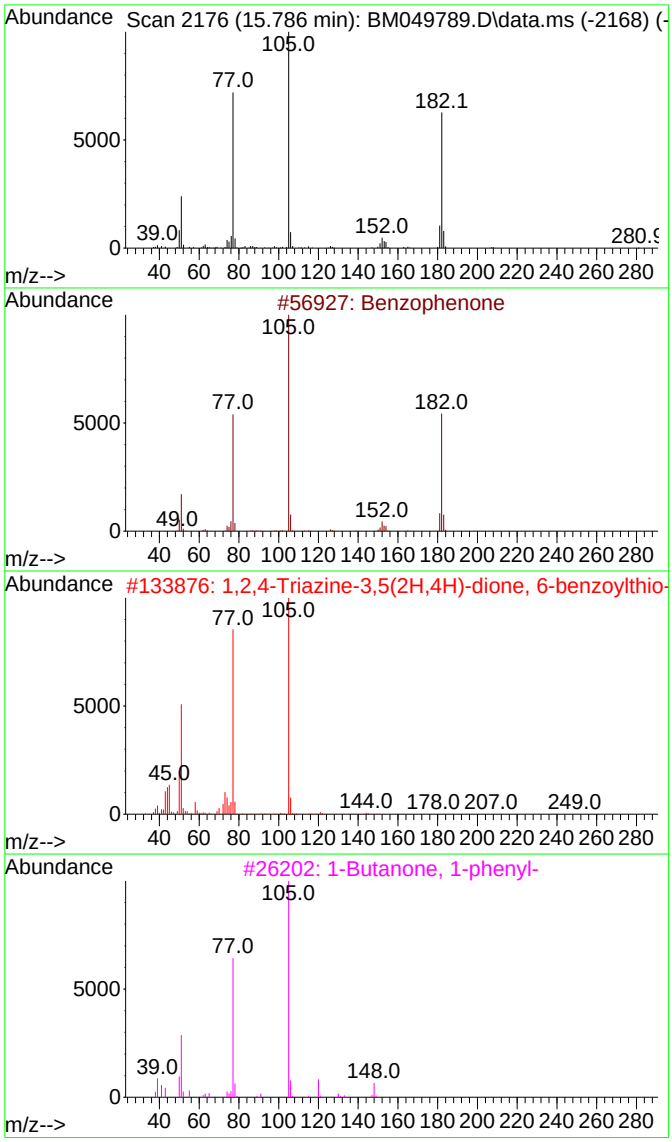
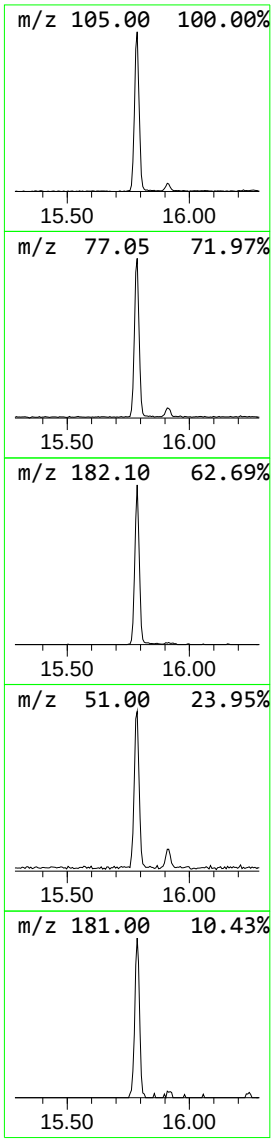
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	2.73 ng	344169	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47
3	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47





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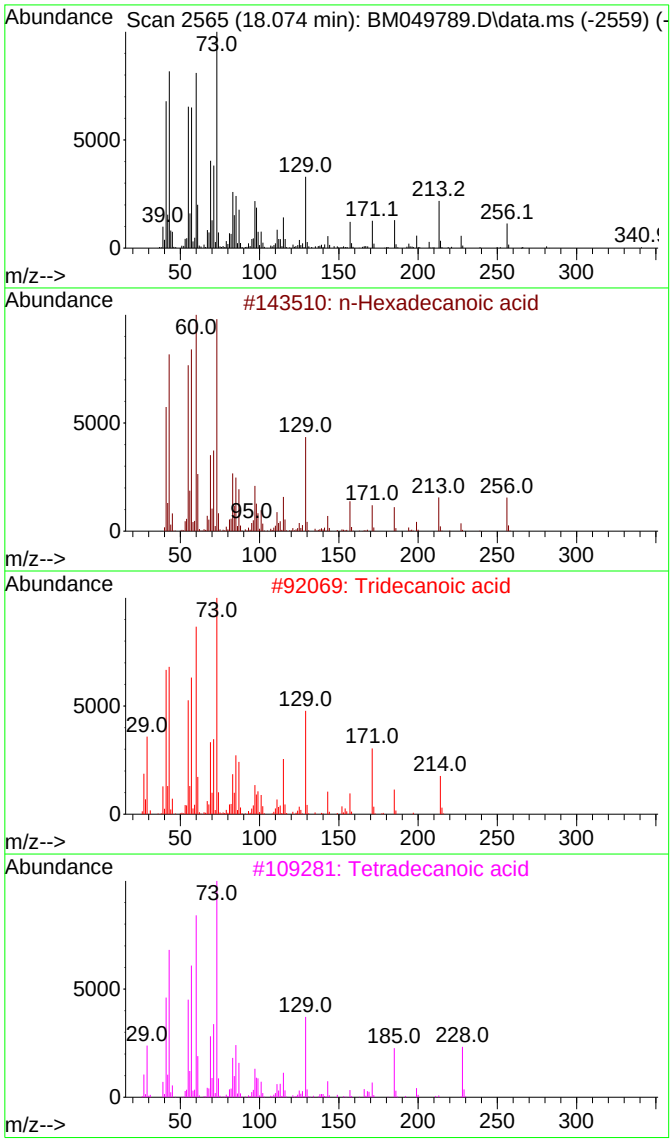
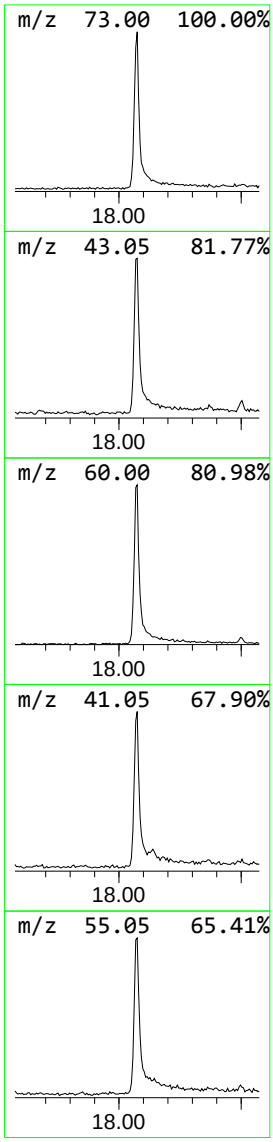
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	5.09 ng	736457	Phenanthrene-d10	17.168

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	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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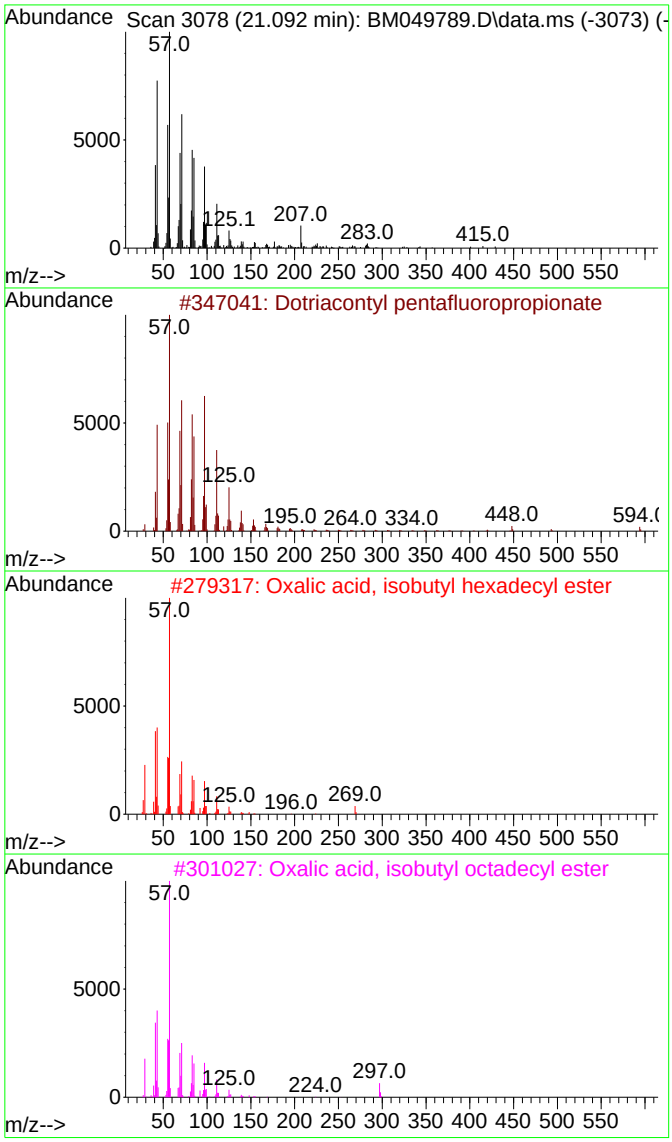
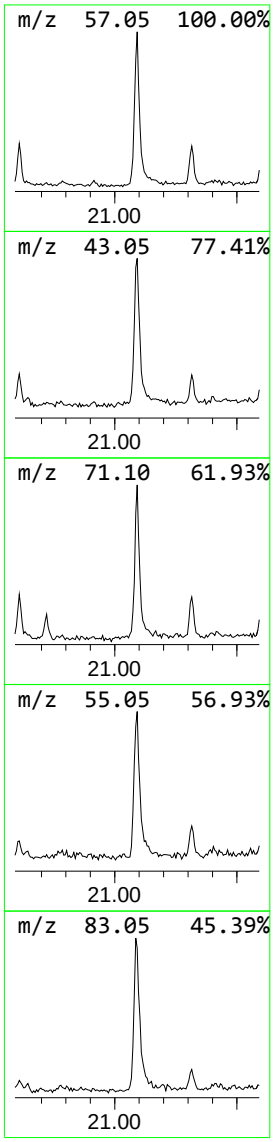
****
Peak Number 4 Dotriacontyl pentafluoropro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.41 ng	481905	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	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-...	4.904	11.1	ng	875268	1	7.787	1581910	20.0
Benzophenone	15.786	2.7	ng	344169	3	14.427	2520380	20.0
n-Hexadecanoic ...	18.074	5.1	ng	736457	4	17.168	2891450	20.0
Dotriacontyl pe...	21.092	2.4	ng	481905	5	21.403	4001350	20.0