LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050090.D
Acq On : 02 May 2025 17:57
Operator : RC/JU
Sample : Q1922-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-R

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050090.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	330	rVB	482618	692586	4.24%	0.773%
2	5.340	394	400	417	rBV	4376706	6712031	41.11%	7.490%
3	6.934	660	671	689	rBV	4328716	7589787	46.49%	8.470%
4	7.745	801	809	819	rBV	1827775	2890026	17.70%	3.225%
5	8.910	999	1007	1030	rBV	2397417	4375573	26.80%	4.883%
6	10.539	1277	1284	1299	rBV	2218796	3875316	23.74%	4.325%
7	13.016	1697	1705	1724	rBV	6961911	10700459	65.54%	11.942%
8	14.392	1933	1939	1954	rVB	3605631	5592140	34.25%	6.241%
9	15.757	2164	2171	2187	rBV	1297665	1855370	11.36%	2.071%
10	15.892	2187	2194	2216	rBV	6433445	9851625	60.34%	10.994%
11	17.145	2400	2407	2420	rBV2	4243968	6497532	39.80%	7.251%
12	18.045	2554	2560	2568	rBV	967500	1456030	8.92%	1.625%
13	18.468	2627	2632	2640	rBV2	177379	248266	1.52%	0.277%
14	18.892	2699	2704	2711	rBV3	93364	192706	1.18%	0.215%
15	19.321	2773	2777	2786	rBV2	136312	262319	1.61%	0.293%
16	19.768	2848	2853	2866	rBV	13450465	16326136	100.00%	18.220%
17	20.462	2968	2971	2976	rVB	258748	279204	1.71%	0.312%
18	21.056	3068	3072	3079	rBV	435034	676408	4.14%	0.755%
19	21.286	3107	3111	3115	rVB	337798	418806	2.57%	0.467%
20	21.386	3122	3128	3147	rVB	3028816	4798919	29.39%	5.355%
21	24.380	3629	3637	3650	rVB	1641783	4316073	26.44%	4.817%

Sum of corrected areas: 89607312

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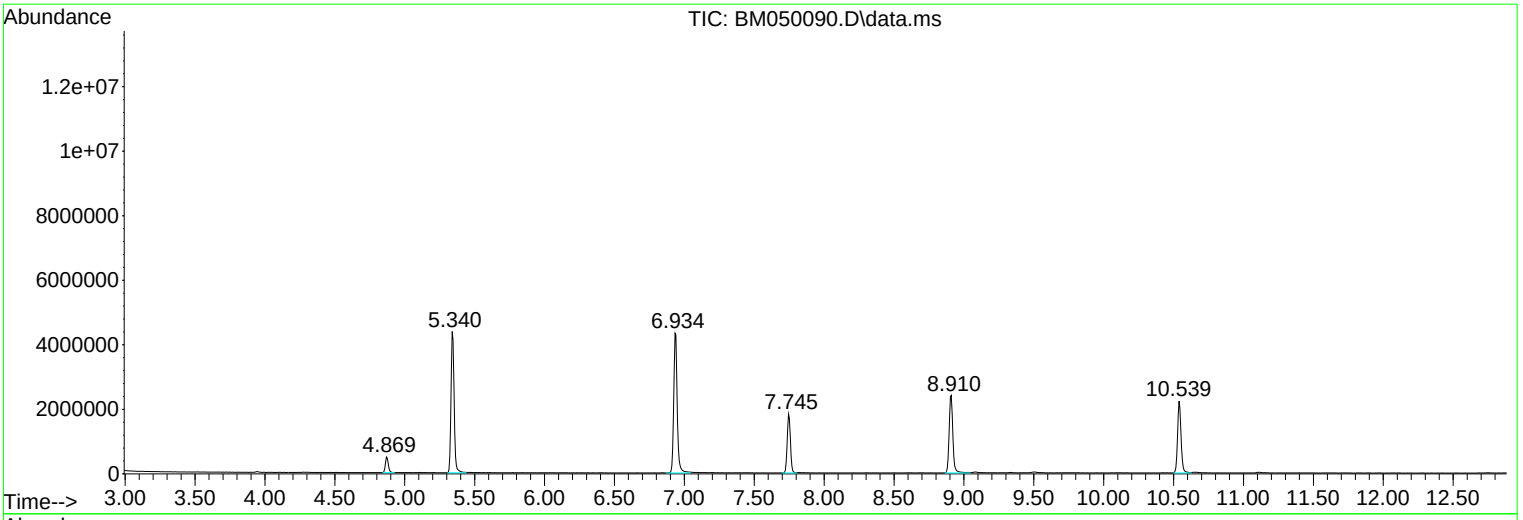
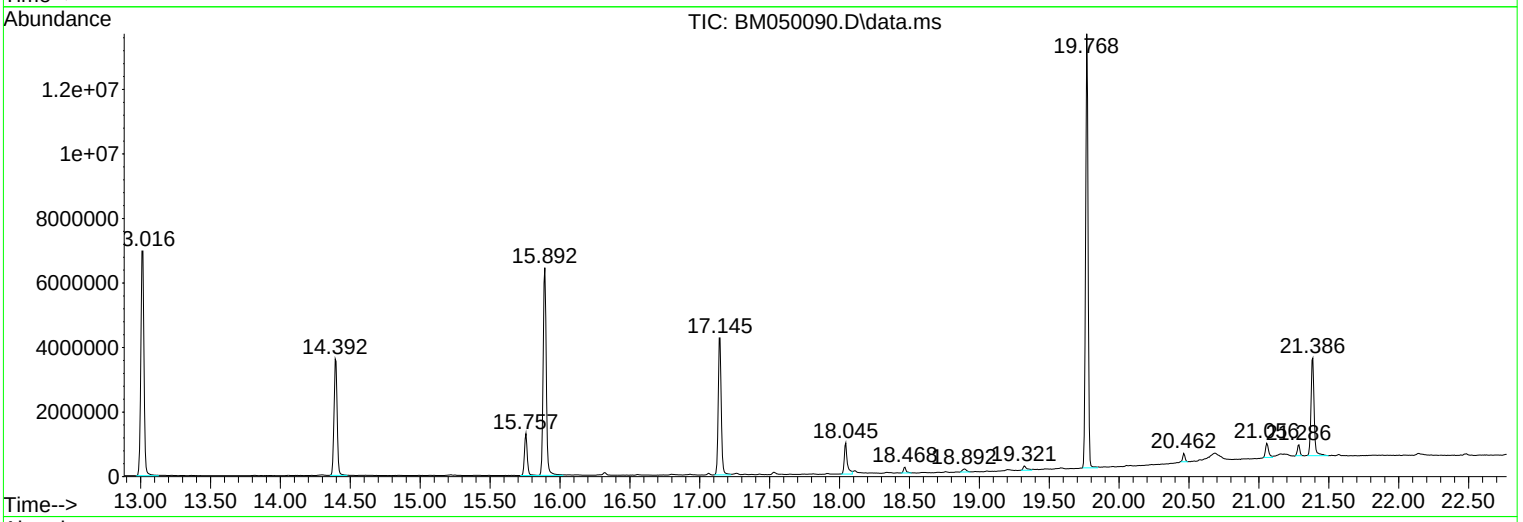
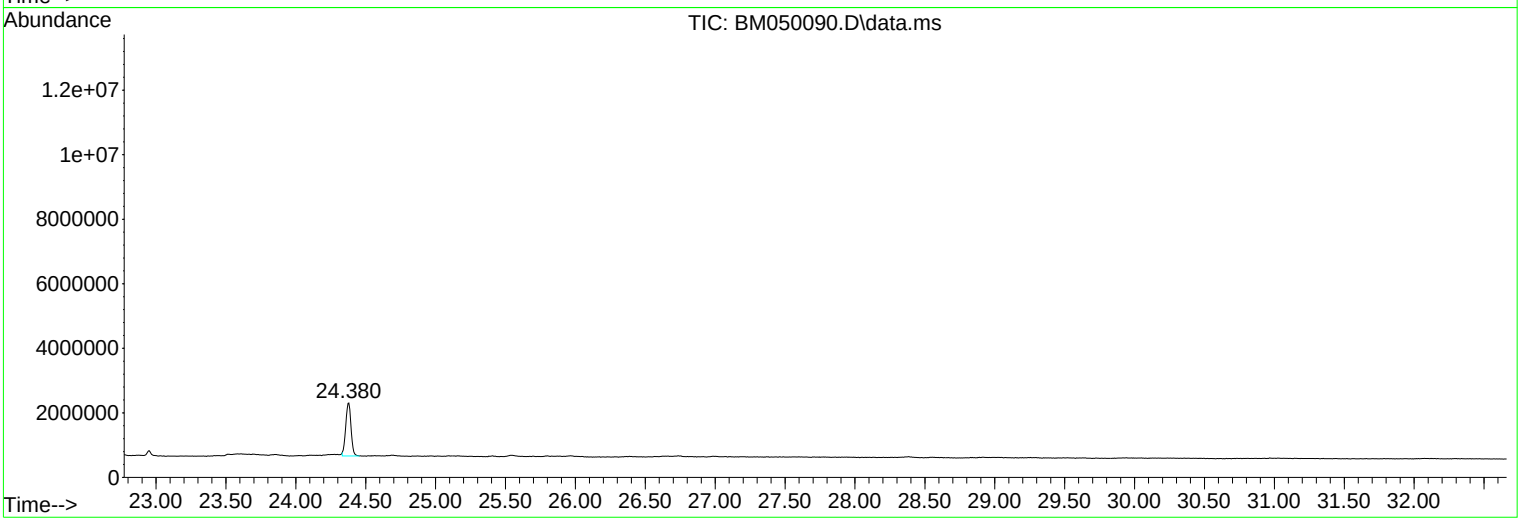
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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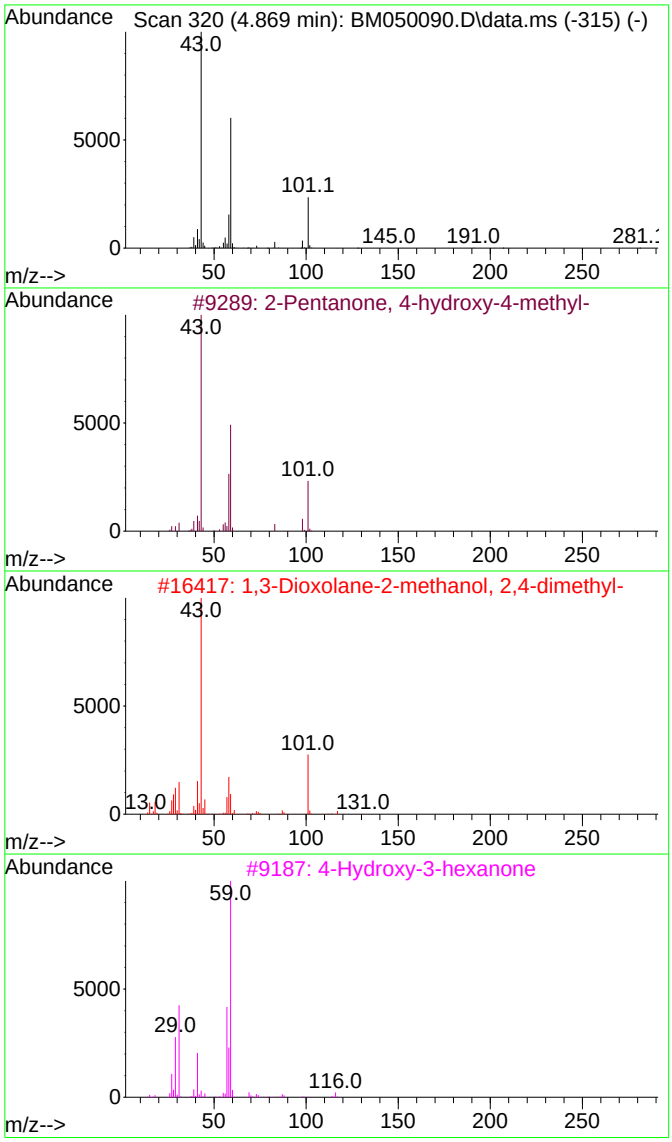
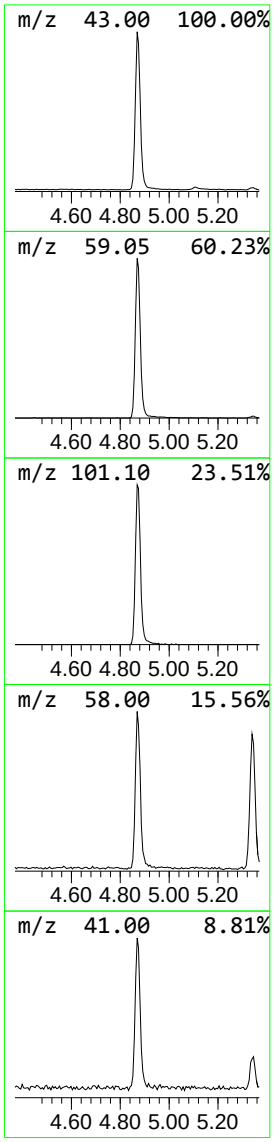
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.79 ng	692586	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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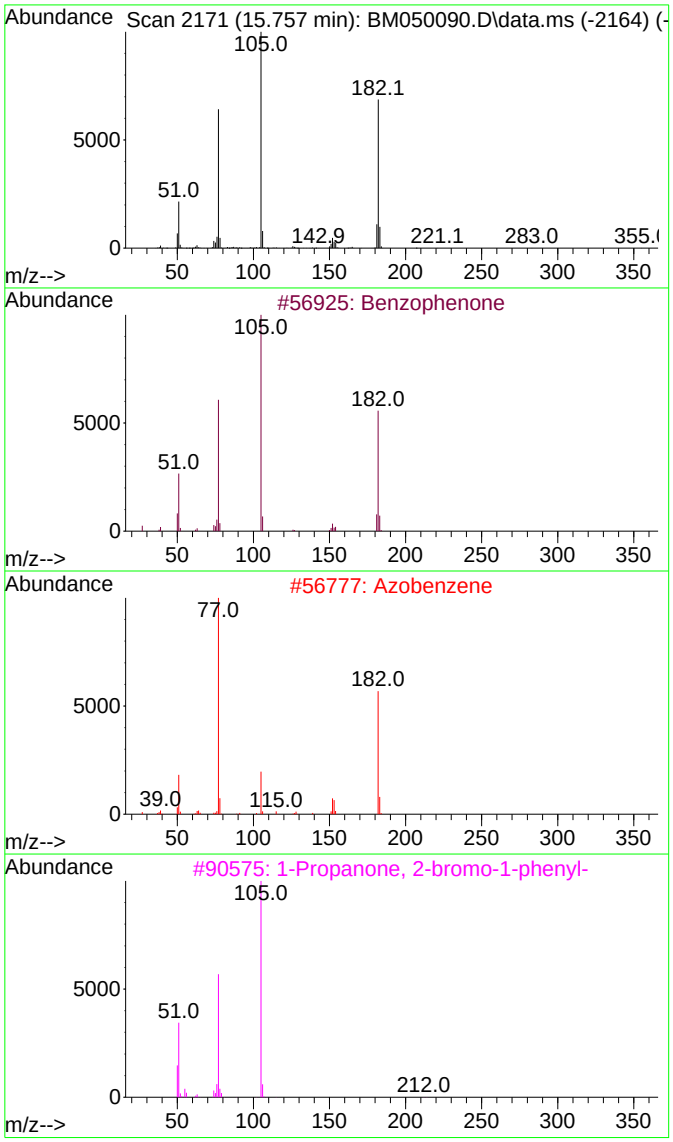
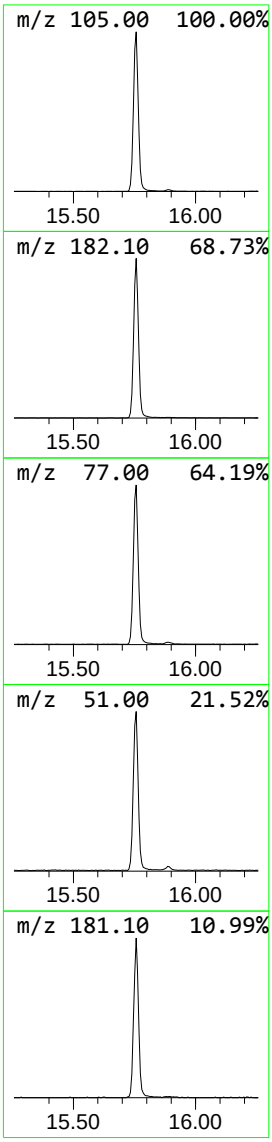
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	6.64 ng	1855370	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43





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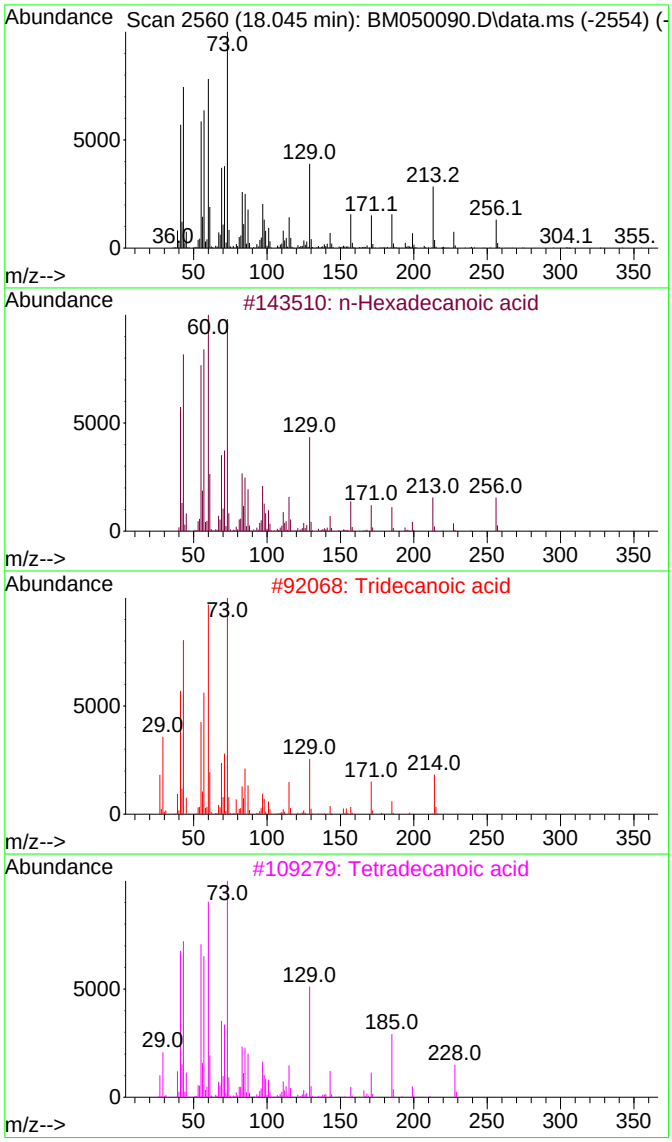
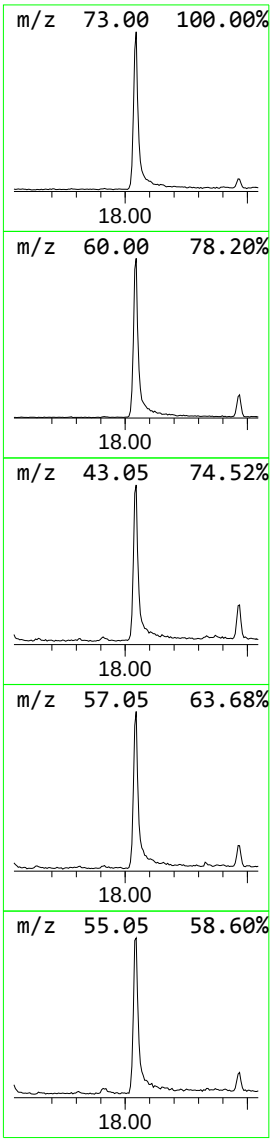
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	4.48 ng	1456030	Phenanthrene-d10	17.139

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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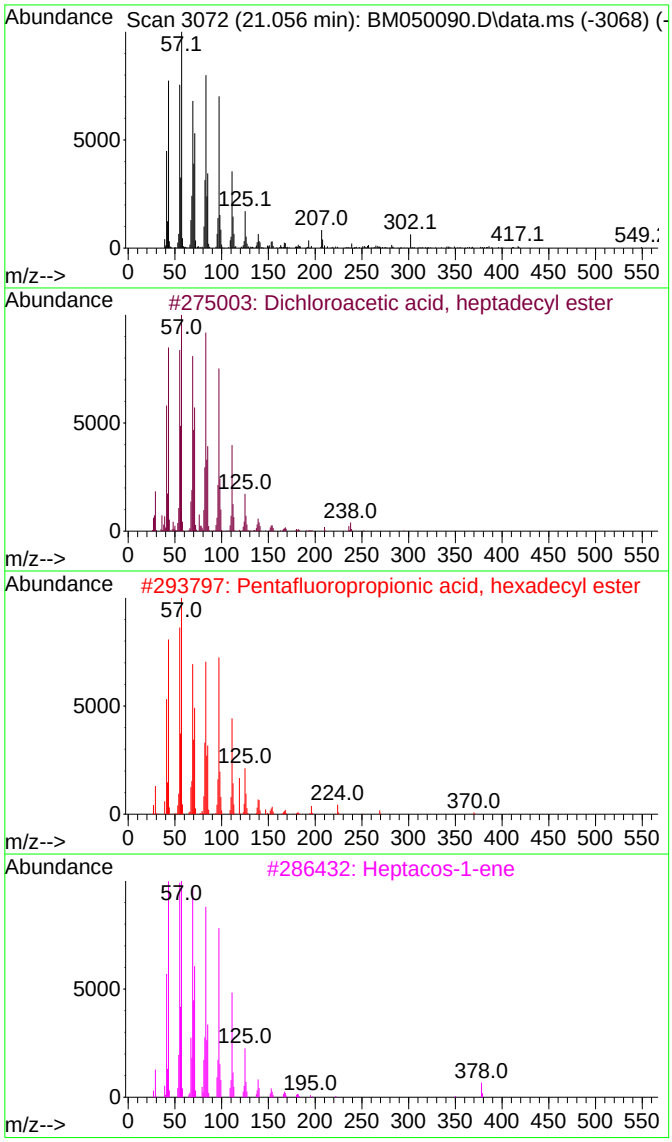
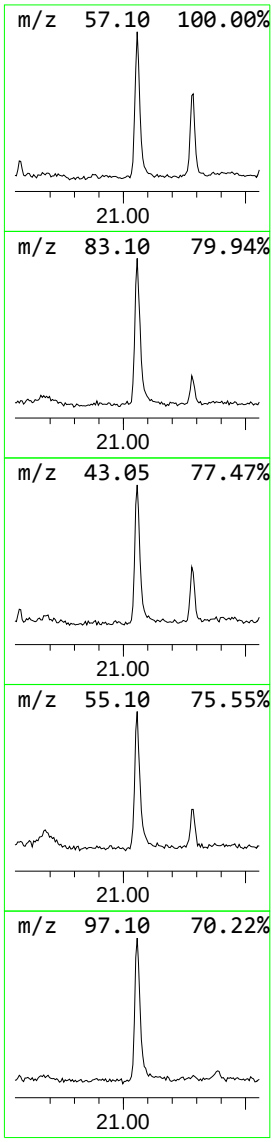
****
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	2.82 ng	676408	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	1-Hexacosene	364	C26H52	018835-33-1	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-...	4.869	4.8	ng	692586	1	7.745	2890030	20.0
Benzophenone	15.757	6.6	ng	1855370	3	14.392	5592140	20.0
n-Hexadecanoic ...	18.045	4.5	ng	1456030	4	17.139	6497530	20.0
Dichloroacetic ...	21.056	2.8	ng	676408	5	21.386	4798920	20.0