LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050059.D
Acq On : 01 May 2025 00:33
Operator : RC/JU
Sample : Q1883-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

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: BM050059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	317	322	333	rBV	348210	522715	3.37%	0.792%
2	5.352	396	402	421	rBV	3864784	5783225	37.34%	8.766%
3	6.946	661	673	695	rBV	3450429	6023234	38.89%	9.130%
4	7.763	805	812	823	rBV	841944	1364662	8.81%	2.069%
5	8.922	1001	1009	1033	rBV	2017120	3687793	23.81%	5.590%
6	10.557	1280	1287	1302	rBV	848093	1693025	10.93%	2.566%
7	13.027	1699	1707	1725	rBV	6139300	9647060	62.28%	14.623%
8	14.410	1935	1942	1961	rBV	1484815	2424661	15.65%	3.675%
9	15.763	2166	2172	2187	rBV	1450133	2140706	13.82%	3.245%
10	15.898	2189	2195	2224	rVV	4736328	7408574	47.83%	11.230%
11	16.333	2264	2269	2278	rVB	165980	263003	1.70%	0.399%
12	17.157	2401	2409	2425	rBV	1666760	2730866	17.63%	4.140%
13	18.051	2556	2561	2571	rBV	404538	705196	4.55%	1.069%
14	19.774	2849	2854	2866	rBV	12730414	15489112	100.00%	23.479%
15	21.068	3070	3074	3084	rBV3	205936	416323	2.69%	0.631%
16	21.392	3124	3129	3139	rBV	1768966	2817334	18.19%	4.271%
17	24.391	3631	3639	3652	rVB	1100630	2852598	18.42%	4.324%

Sum of corrected areas: 65970087

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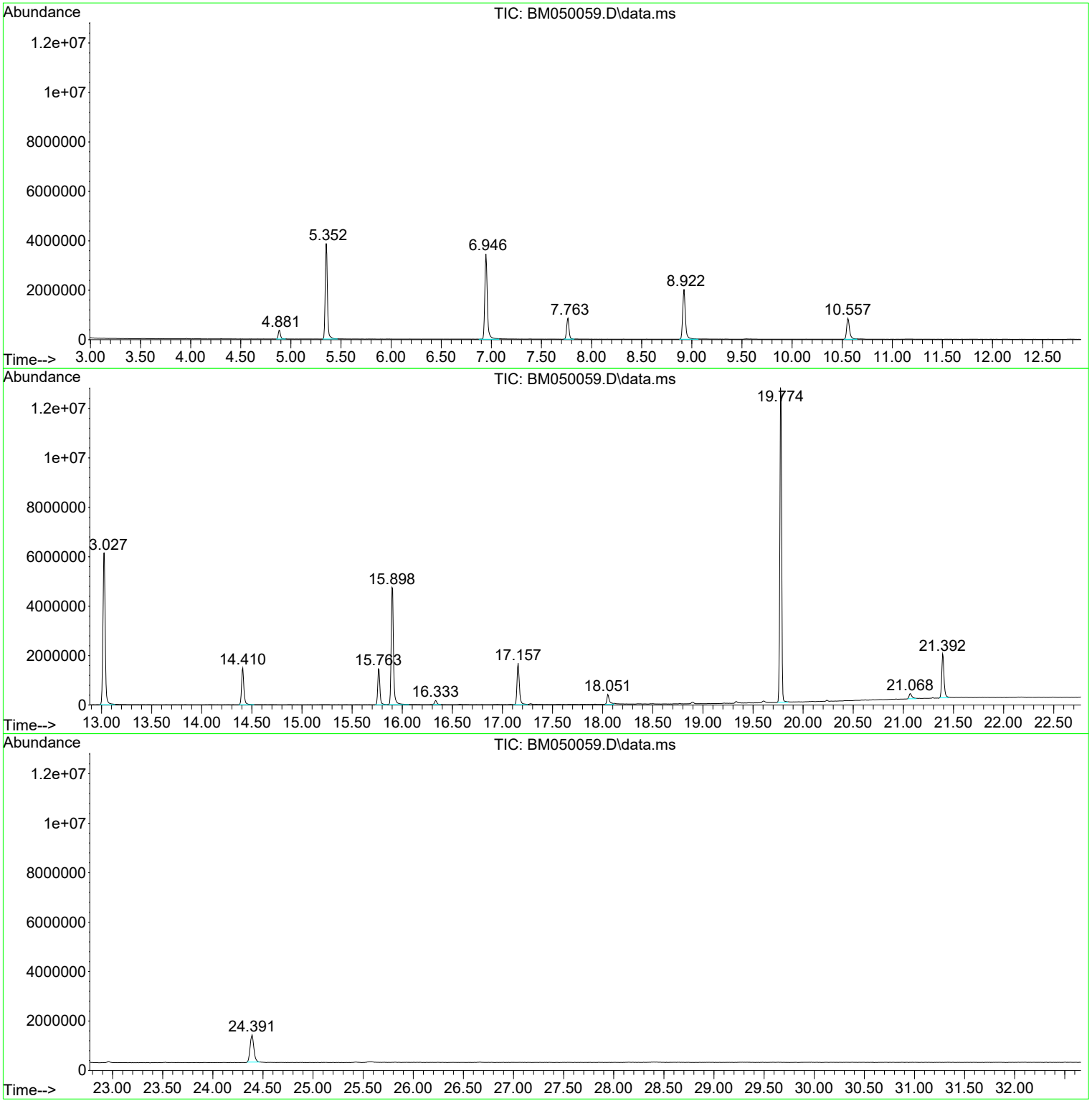
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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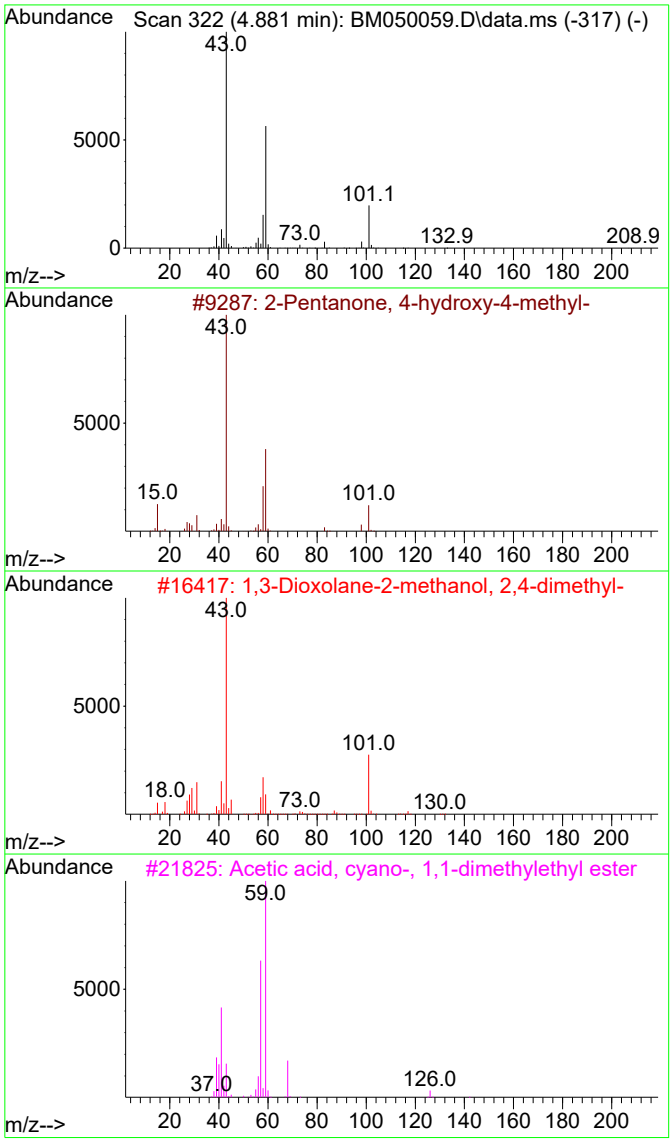
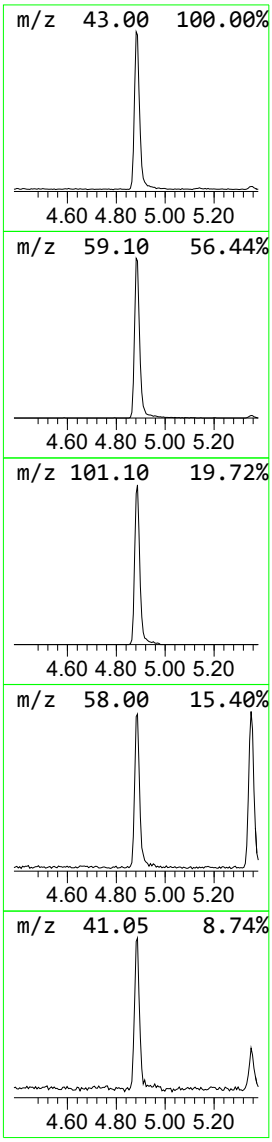
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	7.66 ng	522715	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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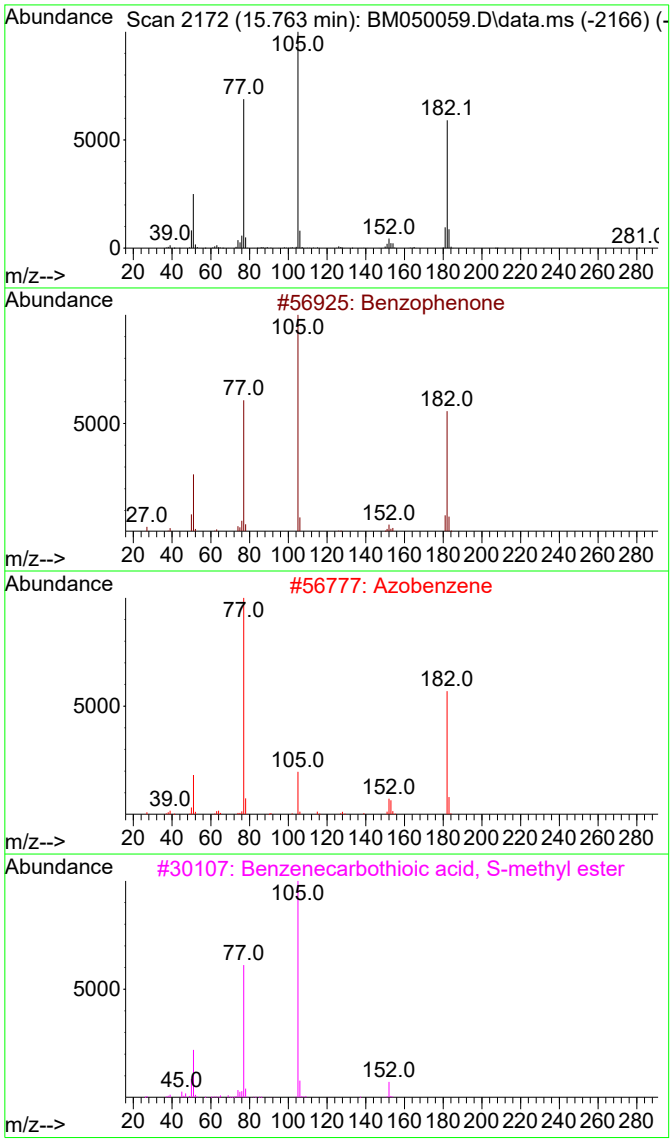
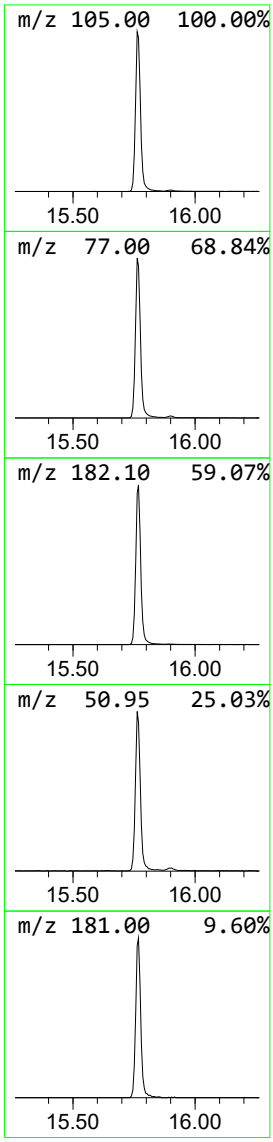
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	17.66 ng	2140710	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49





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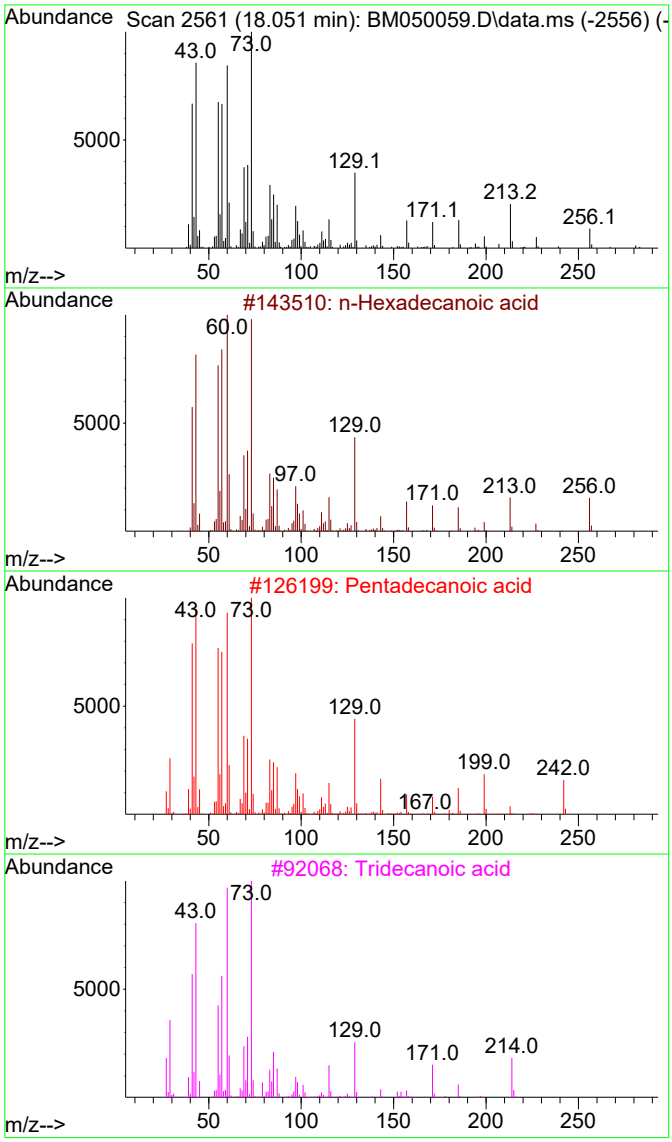
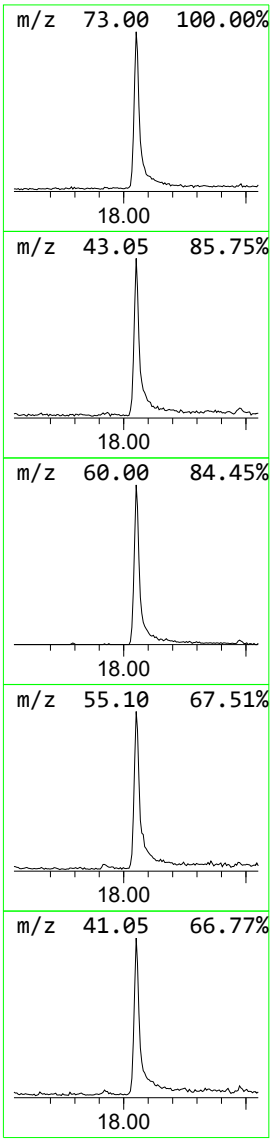
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	5.16 ng	705196	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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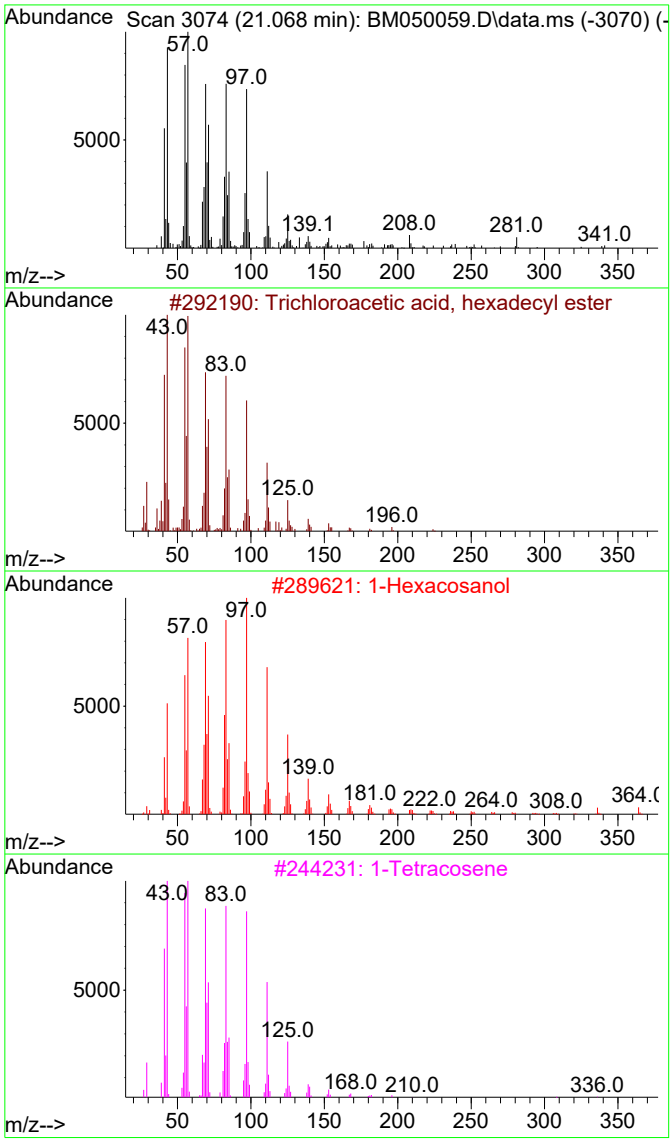
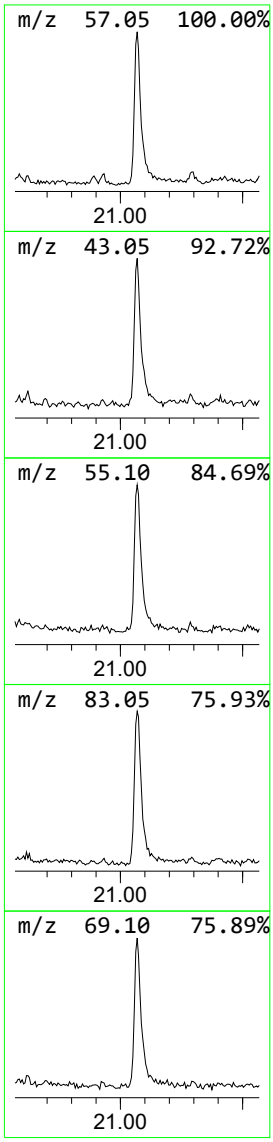
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.068	2.96 ng	416323	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	1-Tetracosene	336	C24H48	010192-32-2	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	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-...	4.881	7.7	ng	522715	1	7.763	1364660	20.0
Benzophenone	15.763	17.7	ng	2140710	3	14.410	2424660	20.0
n-Hexadecanoic ...	18.051	5.2	ng	705196	4	17.157	2730870	20.0
Trichloroacetic...	21.068	3.0	ng	416323	5	21.392	2817330	20.0