LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049869.D
Acq On : 09 Apr 2025 15:45
Operator : RC/JU
Sample : Q1744-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-158-SB02

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049869.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	319	325	333	rBV	583679	821335	5.52%	1.087%
2	5.363	397	404	423	rBV	4643720	6566179	44.09%	8.687%
3	6.951	662	674	688	rBV	4370188	6865293	46.10%	9.083%
4	7.781	808	815	822	rBV	1185422	1847201	12.40%	2.444%
5	8.934	1000	1011	1029	rBV	2625941	4258303	28.59%	5.634%
6	10.575	1280	1290	1296	rBV	1413576	2402357	16.13%	3.178%
7	13.039	1702	1709	1724	rBV	7315651	10439179	70.10%	13.812%
8	14.421	1935	1944	1954	rBV	2233458	3312895	22.25%	4.383%
9	15.774	2167	2174	2182	rBV	913619	1270596	8.53%	1.681%
10	15.910	2190	2197	2211	rBV	6420201	8646779	58.06%	11.440%
11	17.162	2403	2410	2424	rBV2	2706035	3779088	25.38%	5.000%
12	18.062	2558	2563	2573	rBV	892310	1403685	9.43%	1.857%
13	19.345	2777	2781	2790	rBV	215969	382293	2.57%	0.506%
14	19.786	2851	2856	2863	rBV	12034471	14892679	100.00%	19.704%
15	21.080	3072	3076	3082	rBV	470666	785086	5.27%	1.039%
16	21.397	3125	3130	3135	rBV	2794562	3842891	25.80%	5.084%
17	24.397	3633	3640	3653	rVB	1590339	4067052	27.31%	5.381%

Sum of corrected areas: 75582891

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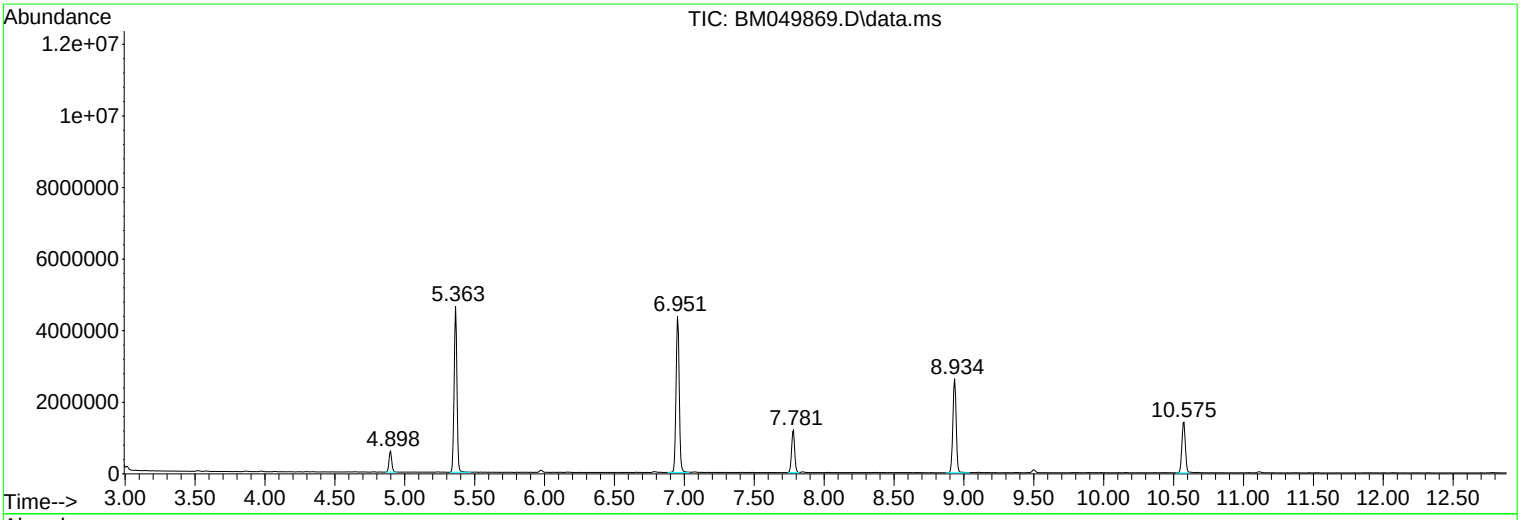
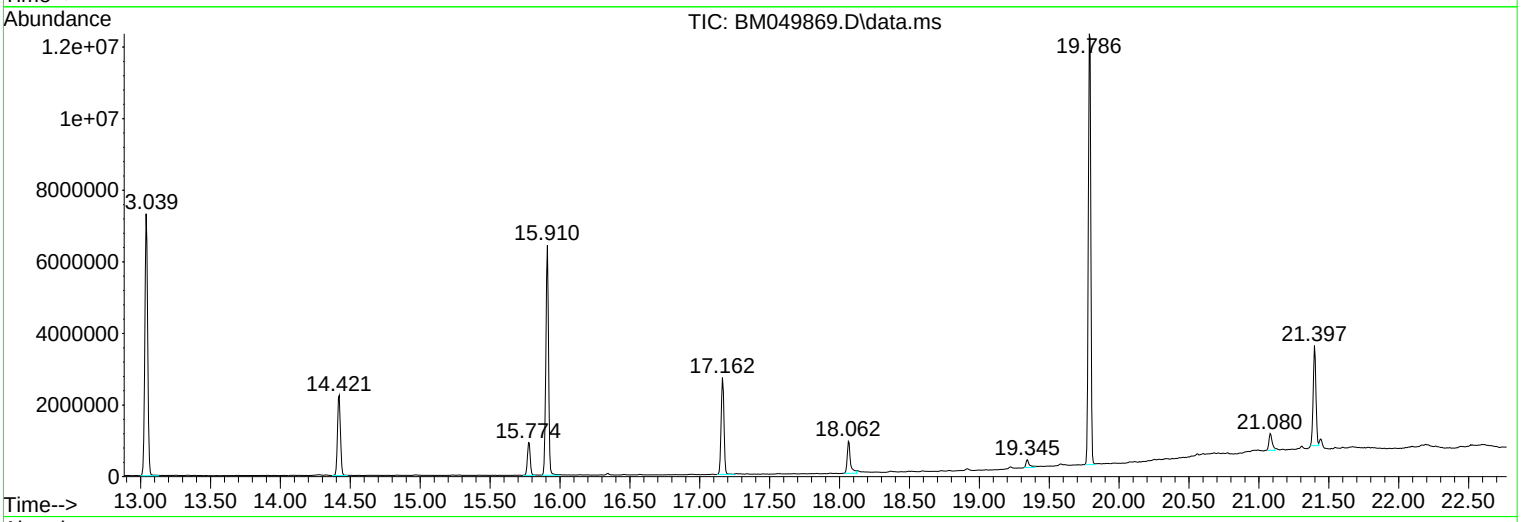
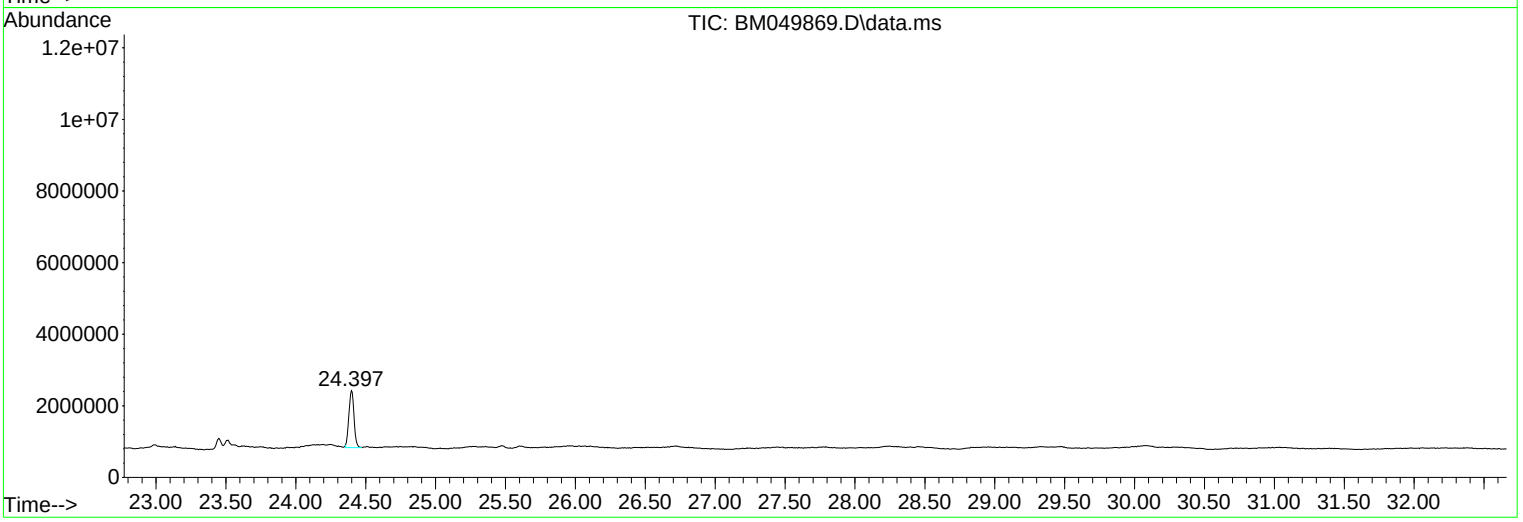
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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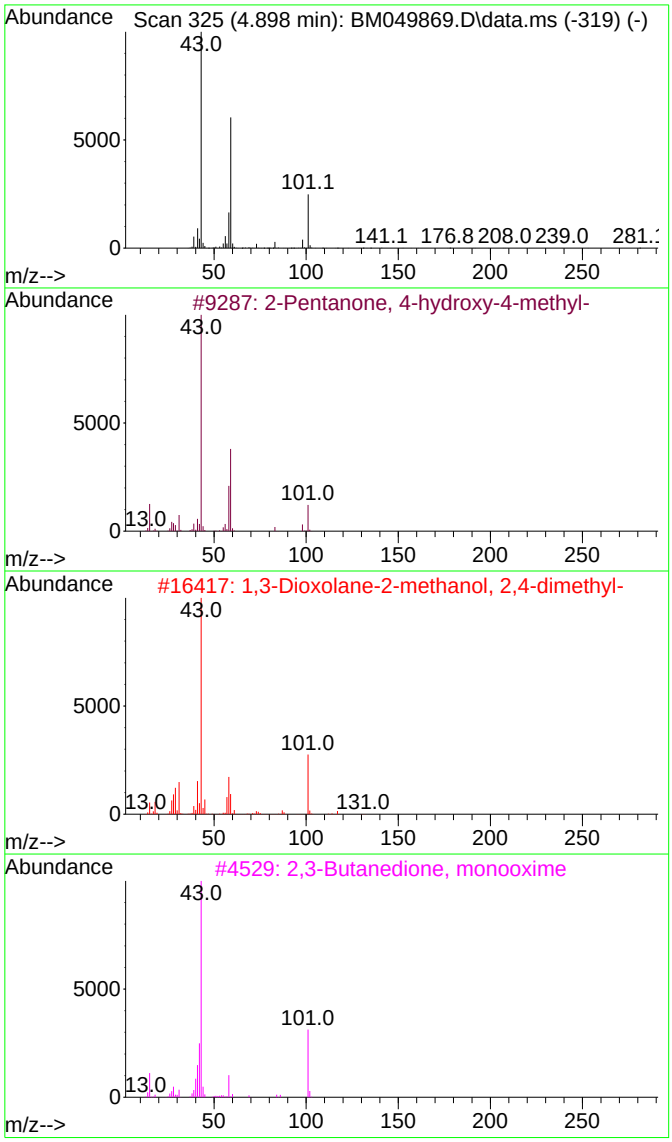
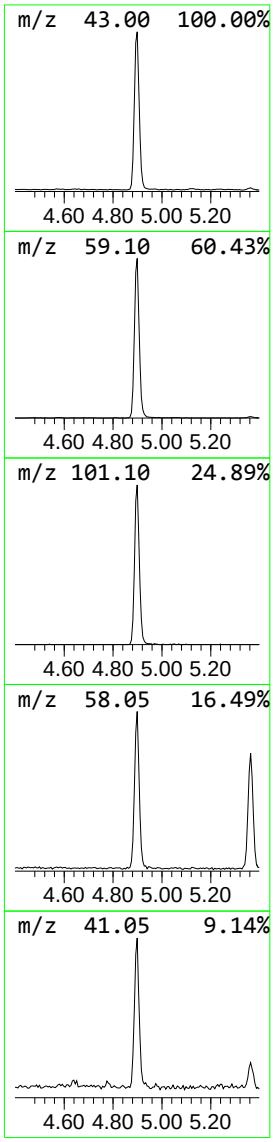
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.898	8.89 ng	821335	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
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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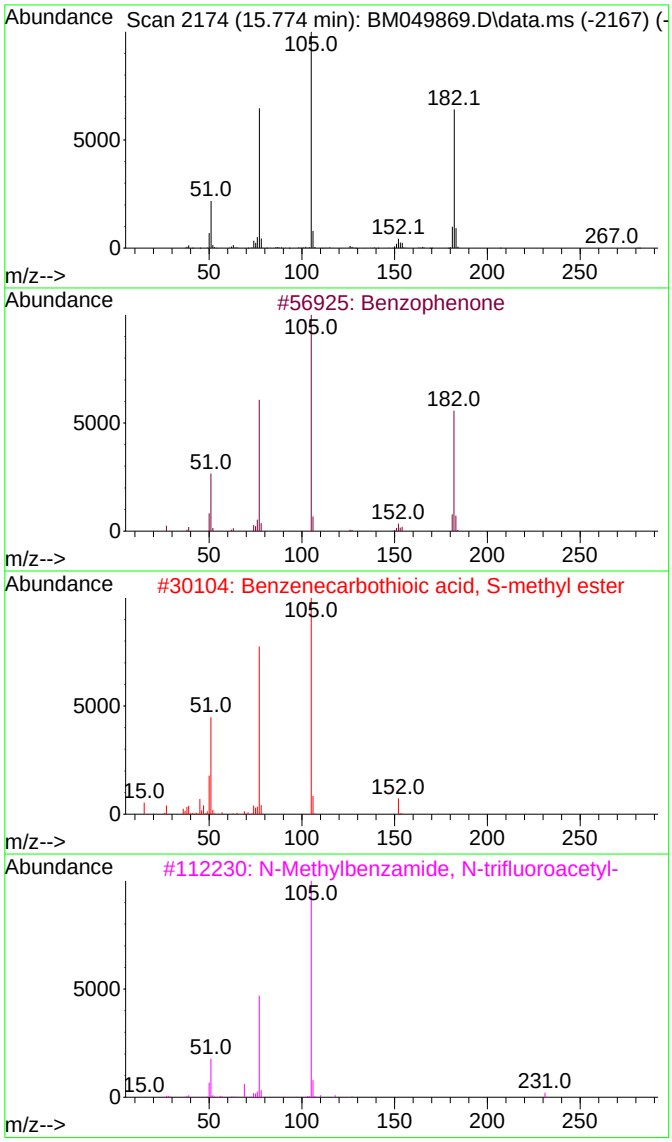
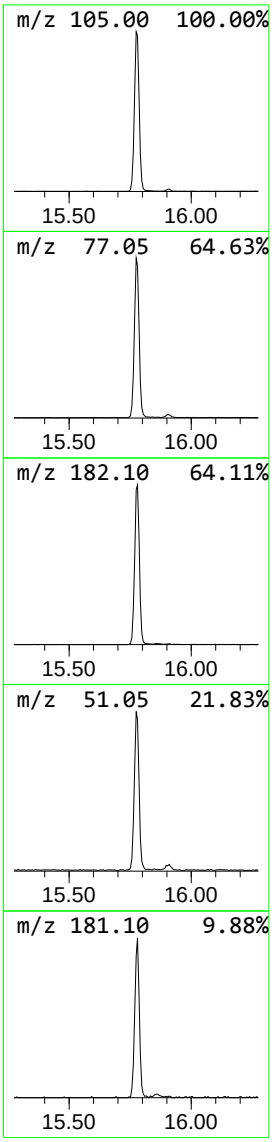
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	7.67 ng	1270600	Acenaphthene-d10	14.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





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Sample : Q1744-03
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ClientSampleId :
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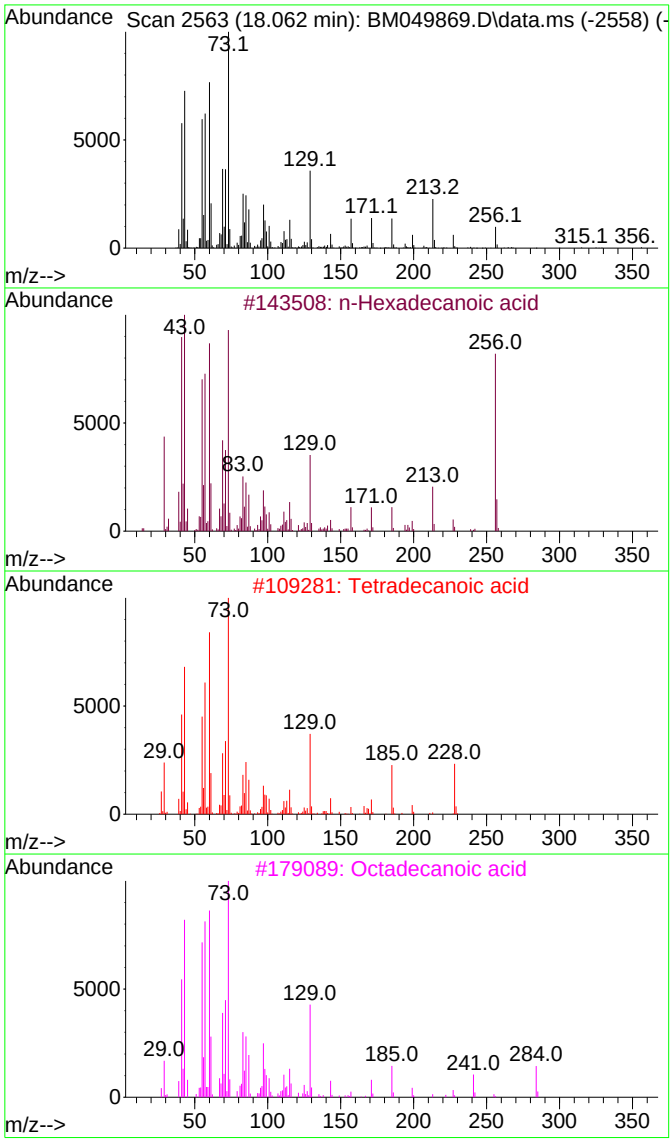
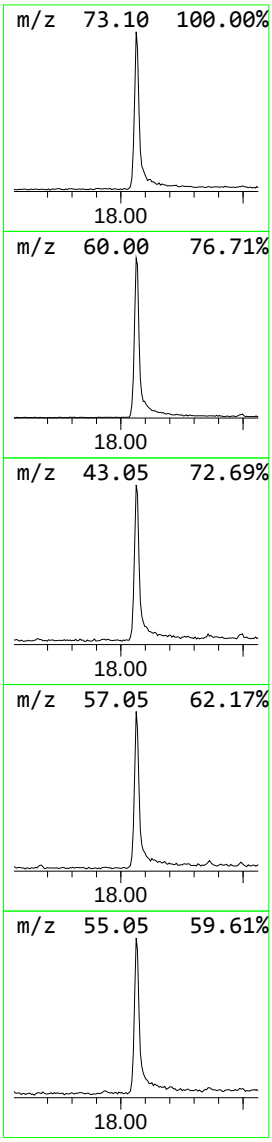
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.062	7.43 ng	1403690	Phenanthrene-d10	17.162

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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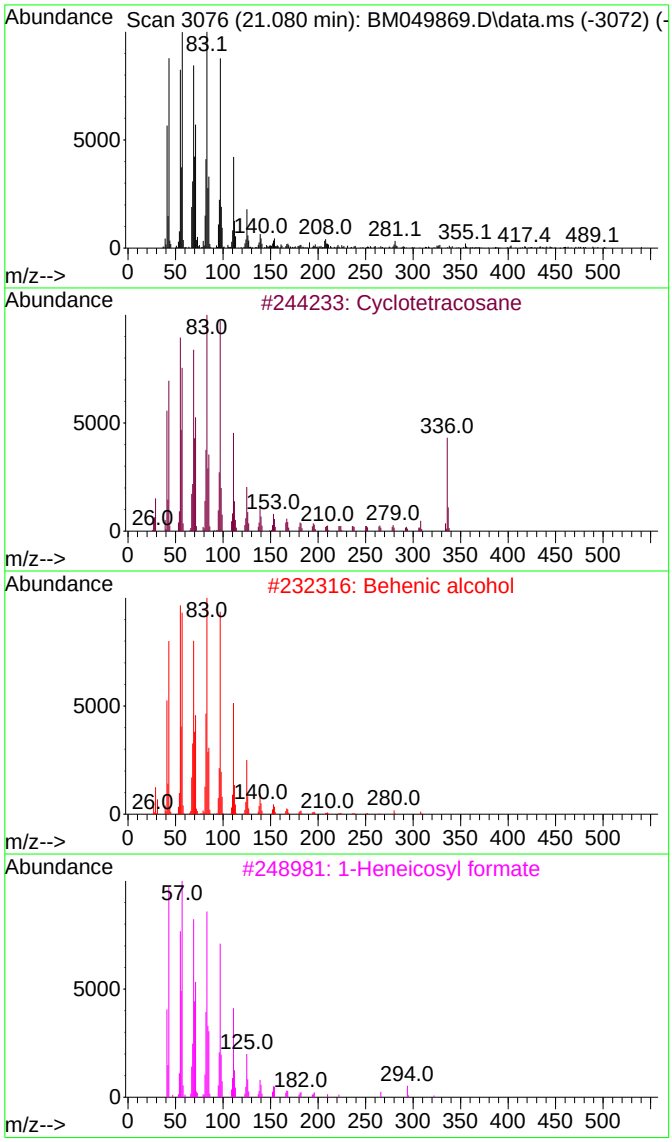
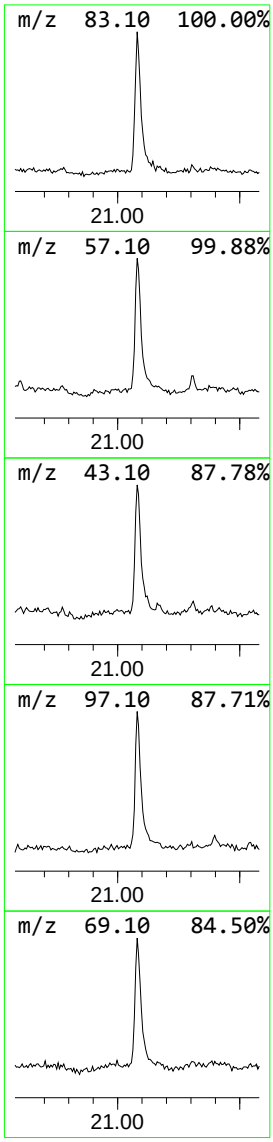
Peak Number 4 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	4.09 ng	785086	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





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	8.9	ng	821335	1	7.781	1847200	20.0
Benzophenone	15.774	7.7	ng	1270600	3	14.421	3312900	20.0
n-Hexadecanoic ...	18.062	7.4	ng	1403690	4	17.162	3779090	20.0
Cyclotetracosane	21.080	4.1	ng	785086	5	21.397	3842890	20.0