LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

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: BM050100.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	332	rVB	276860	408414	3.48%	0.712%
2	5.340	394	400	419	rBV	2812336	4536694	38.62%	7.905%
3	6.934	665	671	688	rBV	2476910	4530969	38.57%	7.895%
4	7.745	802	809	820	rBV	945531	1526274	12.99%	2.659%
5	8.904	999	1006	1026	rBV	1598841	2965775	25.24%	5.167%
6	10.539	1274	1284	1307	rBV	1086620	2022938	17.22%	3.525%
7	13.010	1697	1704	1729	rBV	4884261	7526139	64.06%	13.113%
8	14.392	1933	1939	1954	rBV	1732569	2692930	22.92%	4.692%
9	15.757	2164	2171	2182	rBV	556337	849106	7.23%	1.479%
10	15.892	2187	2194	2212	rBV	3754320	5912896	50.33%	10.302%
11	17.145	2400	2407	2419	rBV	1923930	2998974	25.53%	5.225%
12	18.045	2554	2560	2568	rBV	1280561	2026235	17.25%	3.530%
13	19.321	2772	2777	2795	rBV	498438	1040829	8.86%	1.813%
14	19.768	2847	2853	2866	rBV	10502481	11748041	100.00%	20.469%
15	21.050	3068	3071	3080	rBV	263277	413830	3.52%	0.721%
16	21.386	3122	3128	3138	rBV	2012364	3140400	26.73%	5.472%
17	24.380	3629	3637	3654	rVB	1192442	3053244	25.99%	5.320%

Sum of corrected areas: 57393688

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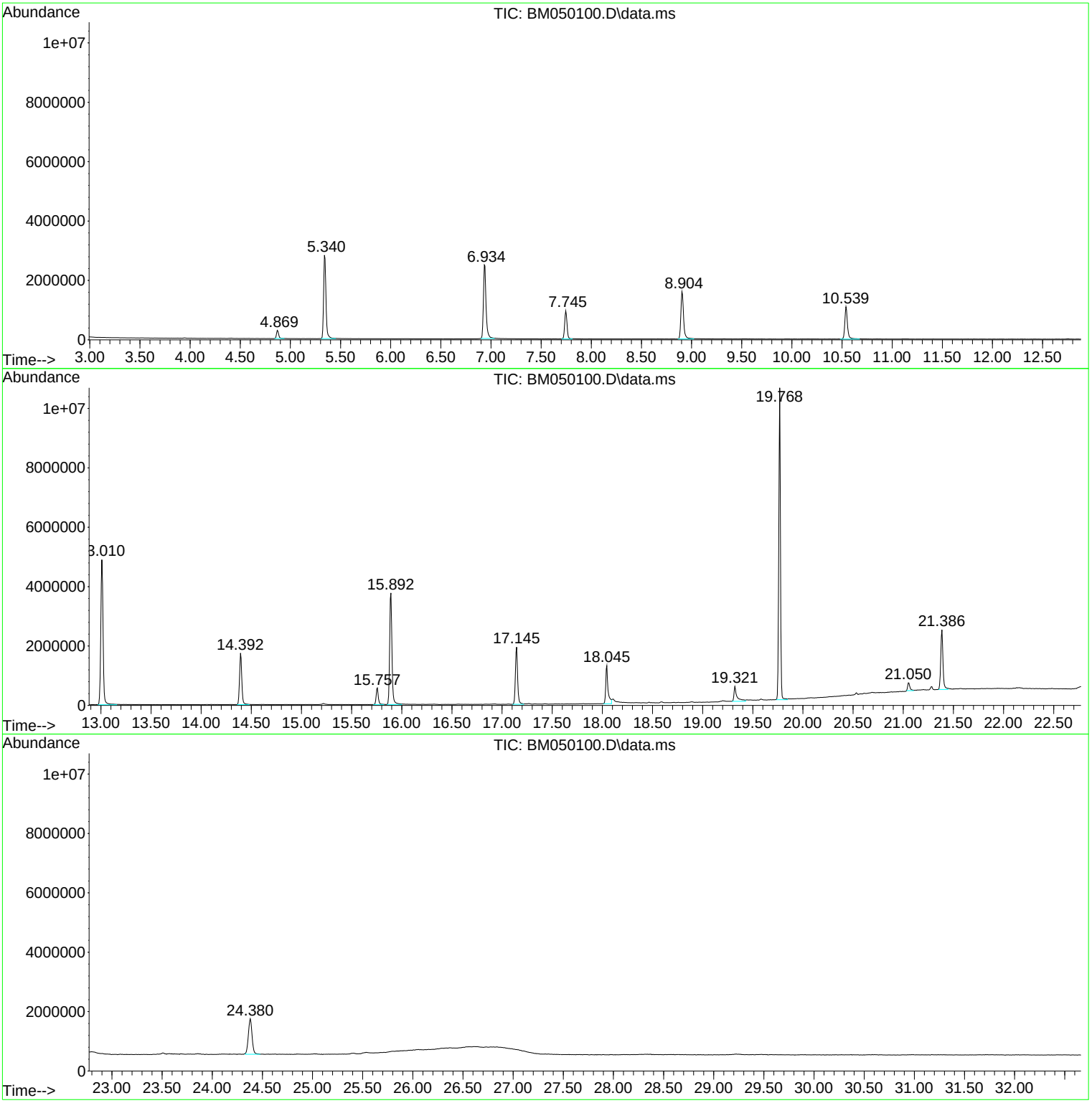
ClientSampleId :
LARGE-PILE-C

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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Data File : BM050100.D
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Instrument :
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TIC Library : C:\Database\NIST20.L
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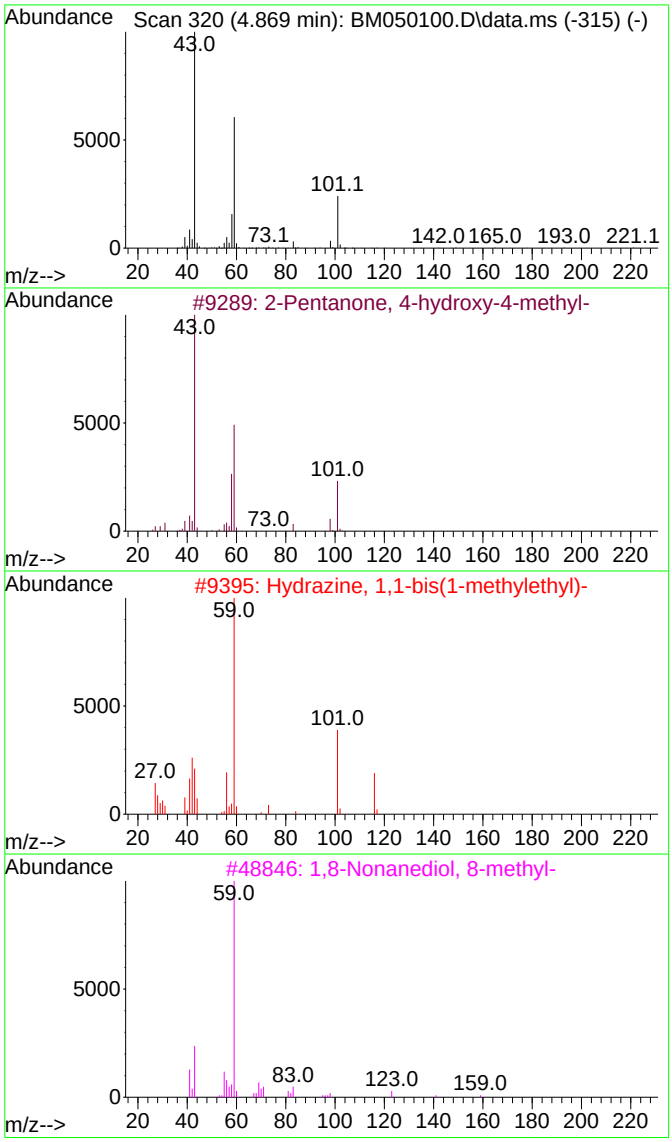
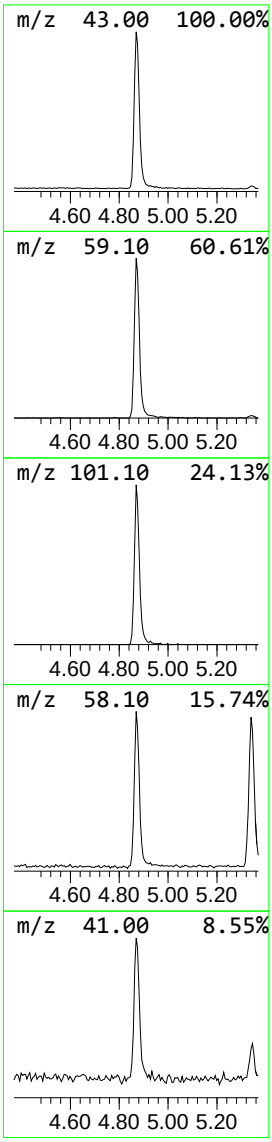
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.35 ng	408414	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	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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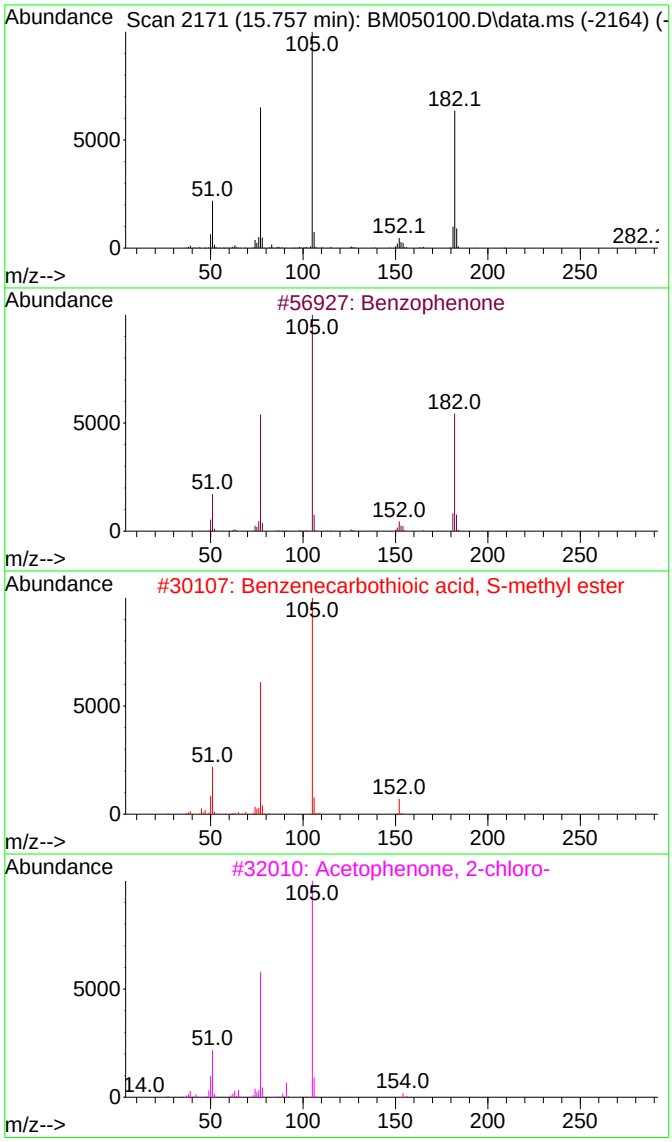
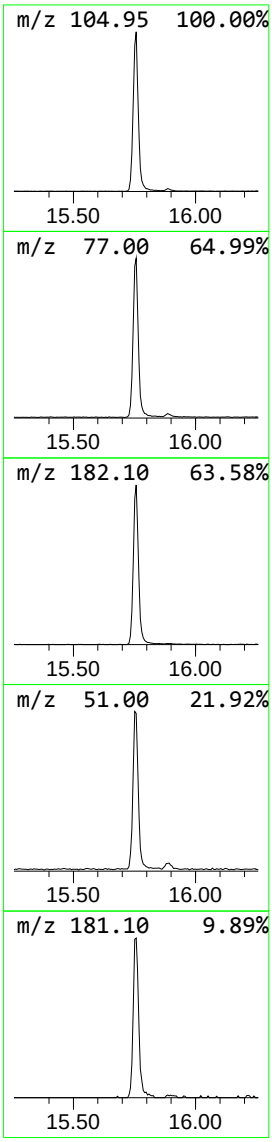
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	6.31 ng	849106	Acenaphthene-d10	14.392

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	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





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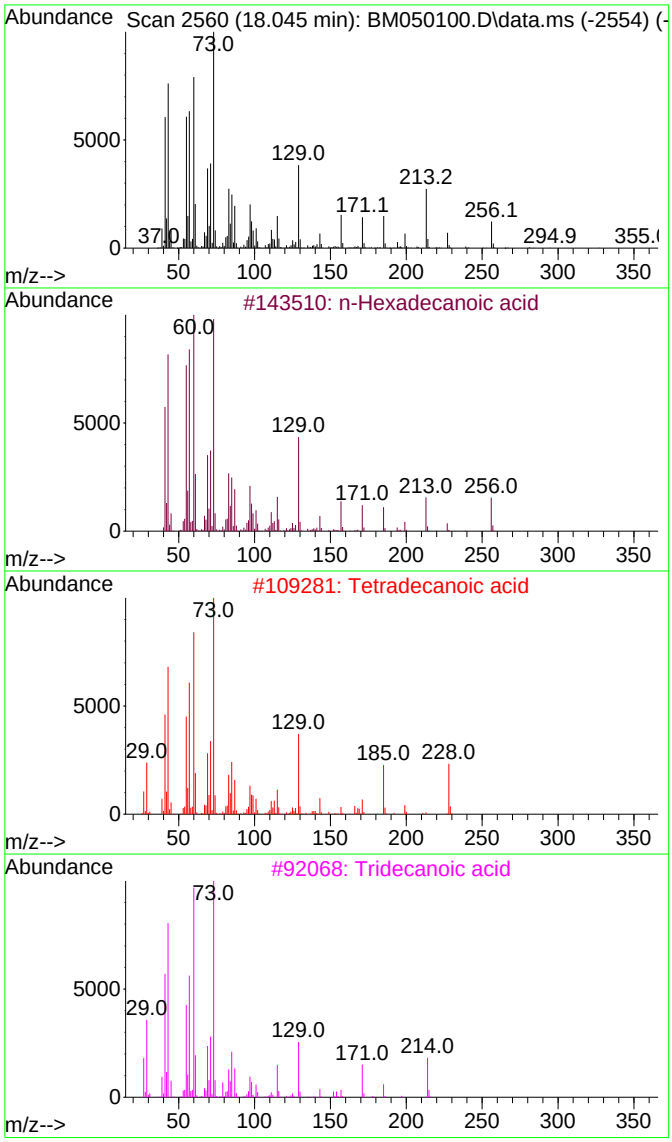
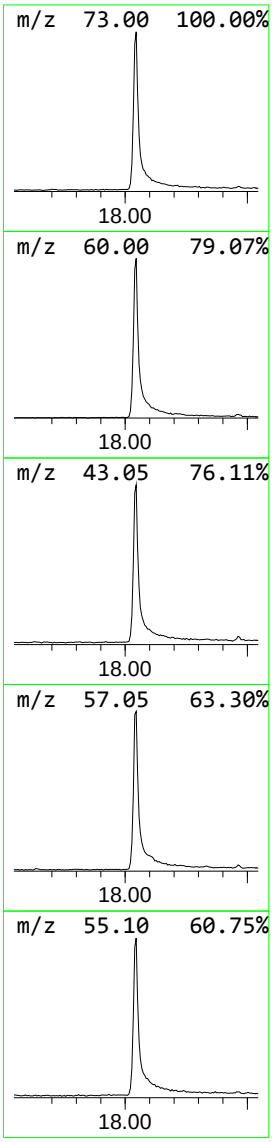
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	13.51 ng	2026240	Phenanthrene-d10	17.145

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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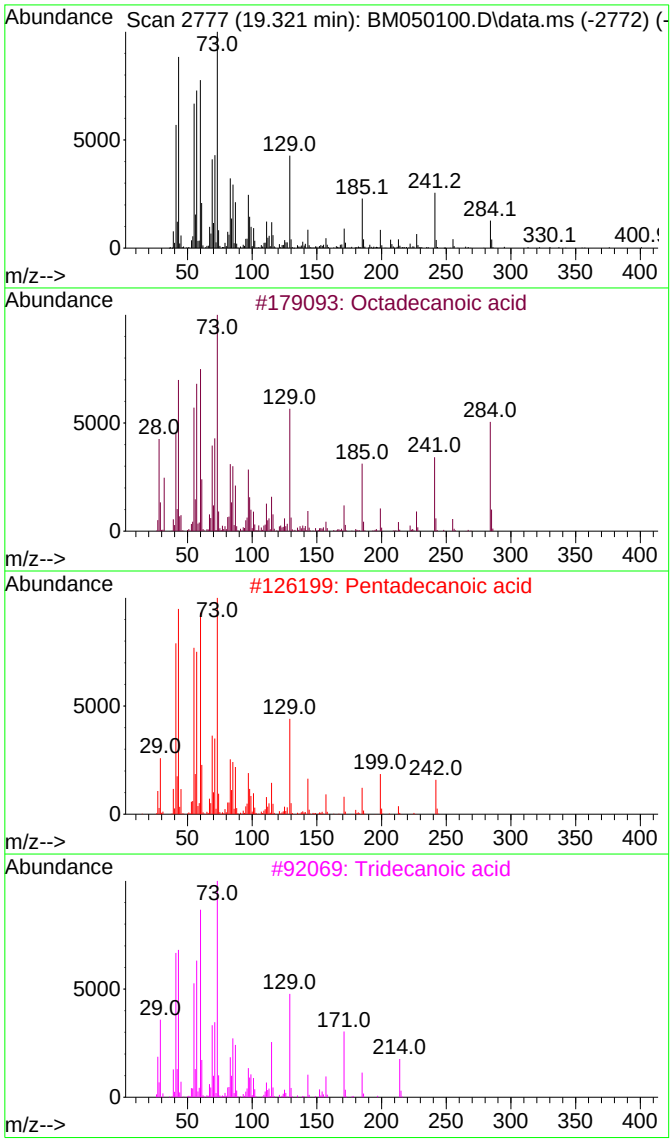
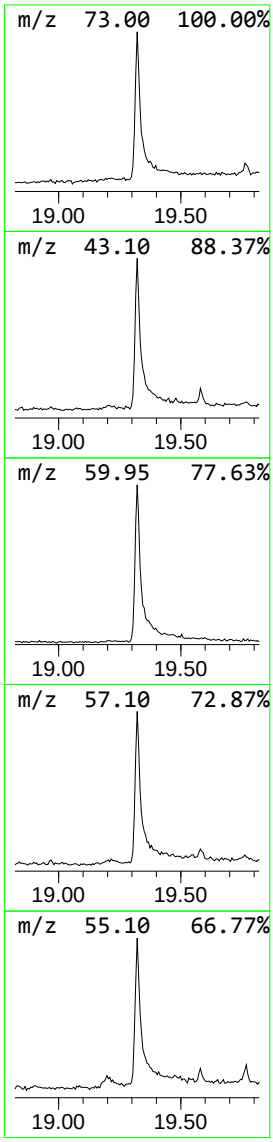
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	6.63 ng	1040830	Chrysene-d12	21.386

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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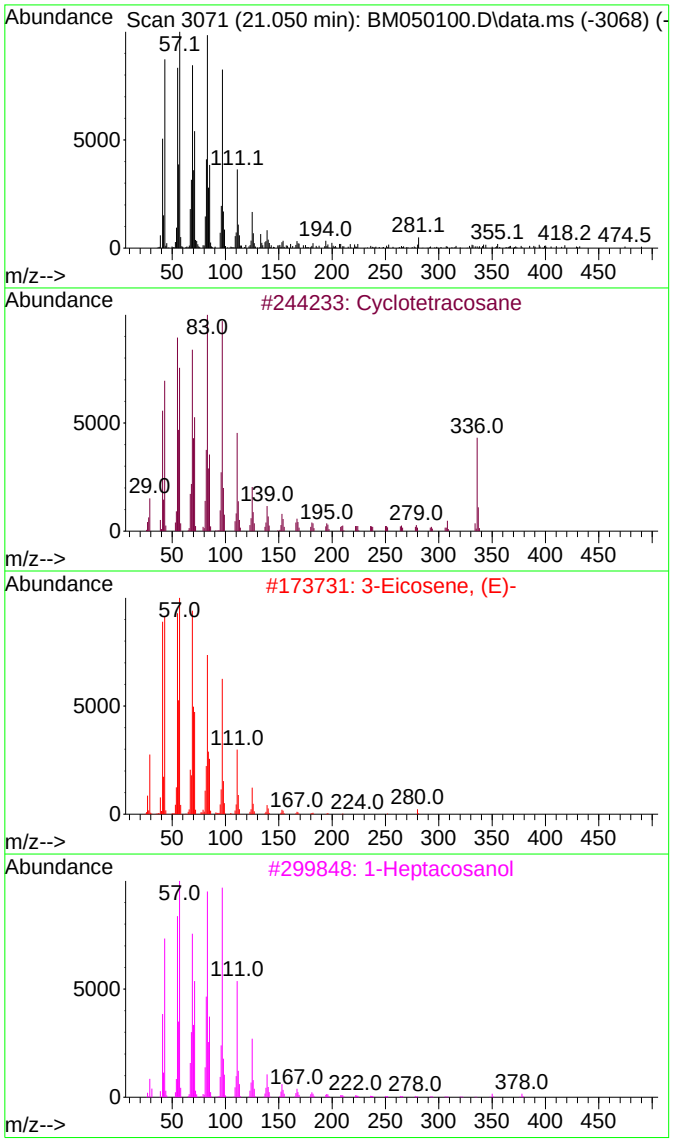
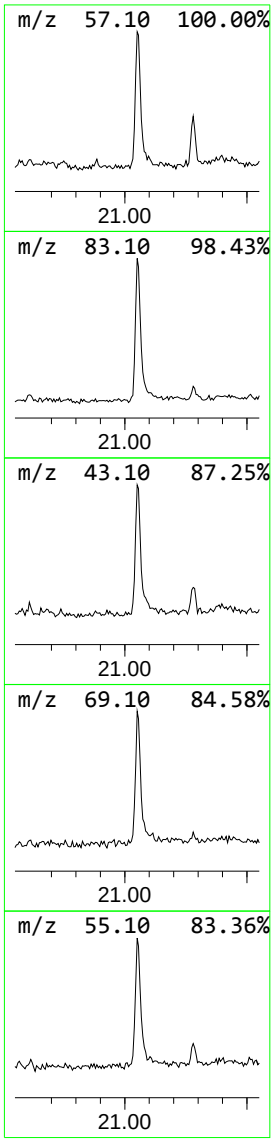
Peak Number 5 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.050	2.64 ng	413830	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	5.3	ng	408414	1	7.745	1526270	20.0
Benzophenone	15.757	6.3	ng	849106	3	14.392	2692930	20.0
n-Hexadecanoic ...	18.045	13.5	ng	2026240	4	17.145	2998970	20.0
Octadecanoic acid	19.321	6.6	ng	1040830	5	21.386	3140400	20.0
Cyclotetracosane	21.050	2.6	ng	413830	5	21.386	3140400	20.0