LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041270.D
Acq On : 03 Aug 2023 20:15
Operator : MA/JU
Sample : 03756-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RPTP-12-CS-12

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	388	rBV	1578399	2365243	31.21%	6.529%
2	6.981	636	645	660	rBV	1642013	2671647	35.25%	7.375%
3	7.792	777	783	792	rBV	470816	741916	9.79%	2.048%
4	8.969	975	983	1000	rBV	956932	1625898	21.45%	4.488%
5	10.604	1253	1261	1273	rBV	721886	1190177	15.70%	3.286%
6	13.080	1674	1682	1694	rBV	3025613	4327529	57.10%	11.946%
7	14.462	1909	1917	1929	rBV	1269907	1832367	24.18%	5.058%
8	15.962	2166	2172	2188	rBV	2845666	4038910	53.29%	11.150%
9	17.221	2380	2386	2392	rBV	1703049	2432464	32.09%	6.715%
10	18.121	2533	2539	2550	rBV	763884	1234245	16.28%	3.407%
11	19.292	2733	2738	2747	rVB	137268	189706	2.50%	0.524%
12	19.403	2753	2757	2769	rBV	314860	540683	7.13%	1.493%
13	19.656	2796	2800	2809	rVB	122184	169564	2.24%	0.468%
14	19.862	2829	2835	2846	rBV	6260310	7579261	100.00%	20.923%
15	21.127	3046	3050	3059	rBV	484076	655773	8.65%	1.810%
16	21.421	3095	3100	3105	rBV	1907337	2527704	33.35%	6.978%
17	23.797	3498	3504	3514	rVB	1108725	2101737	27.73%	5.802%

Sum of corrected areas: 36224824

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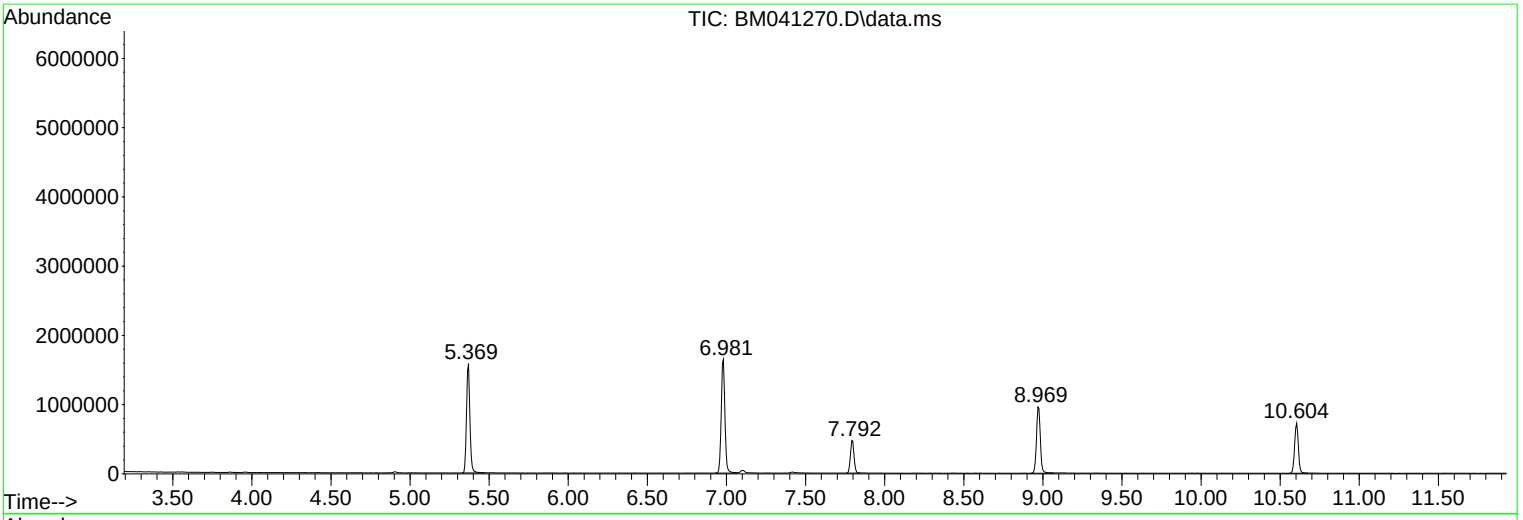
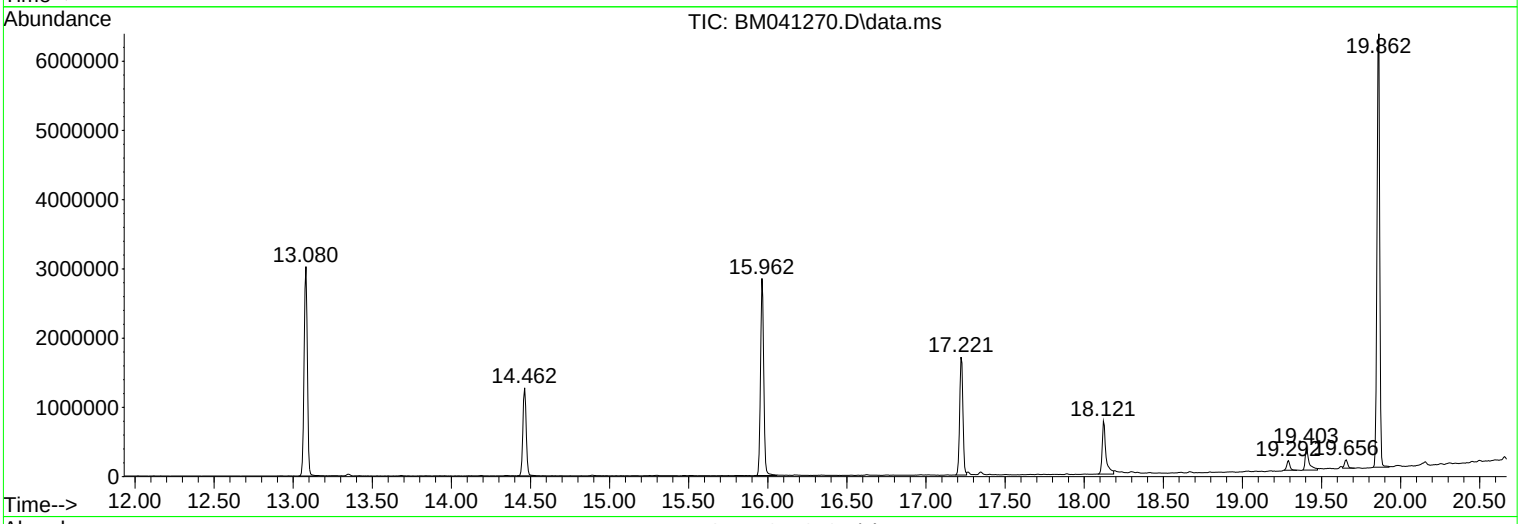
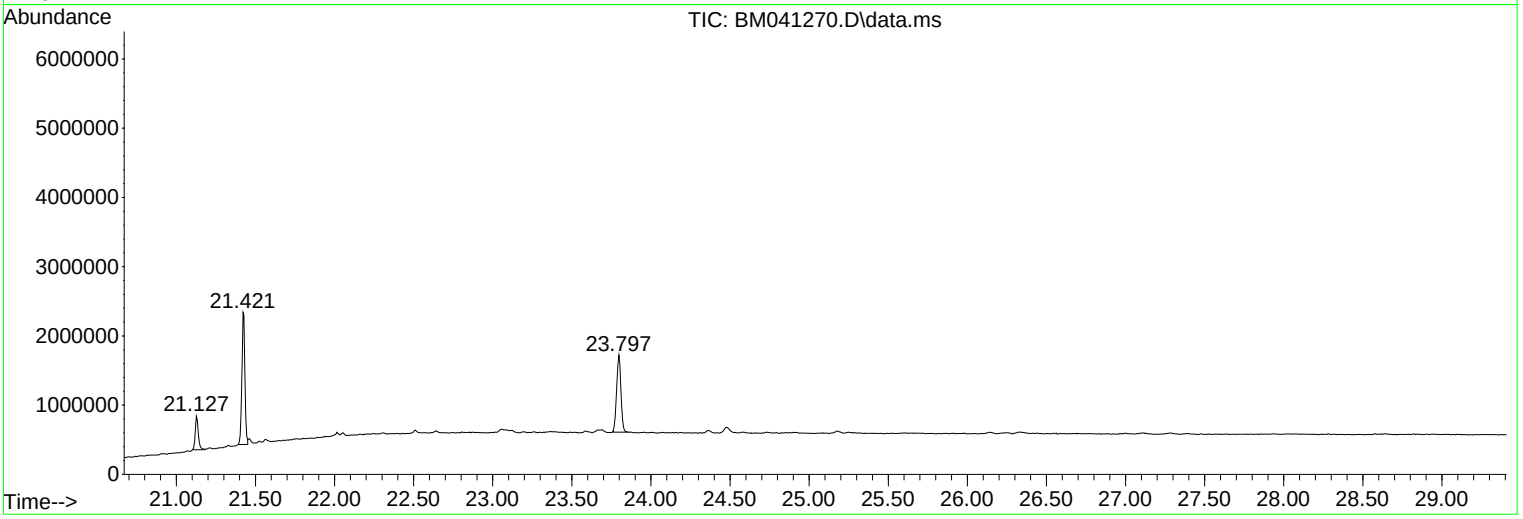
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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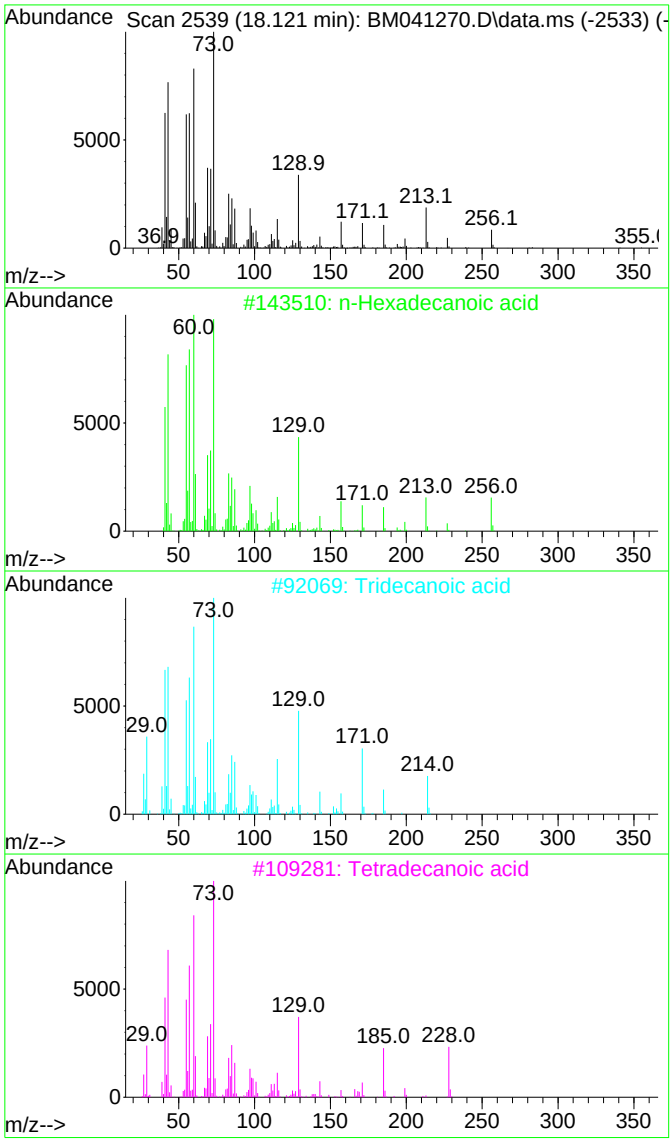
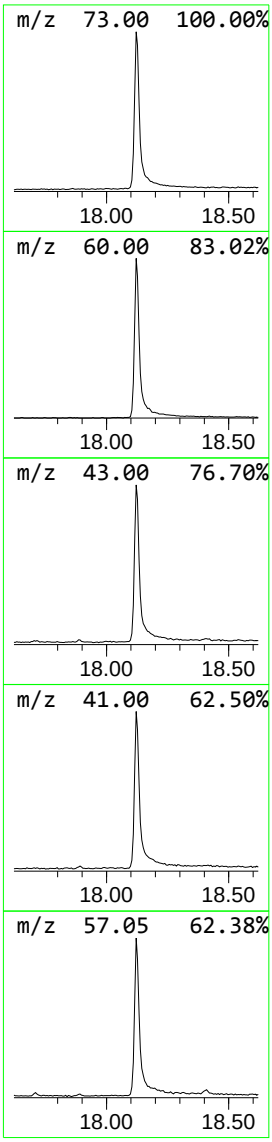
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	10.15 ng	1234250	Phenanthrene-d10	17.221

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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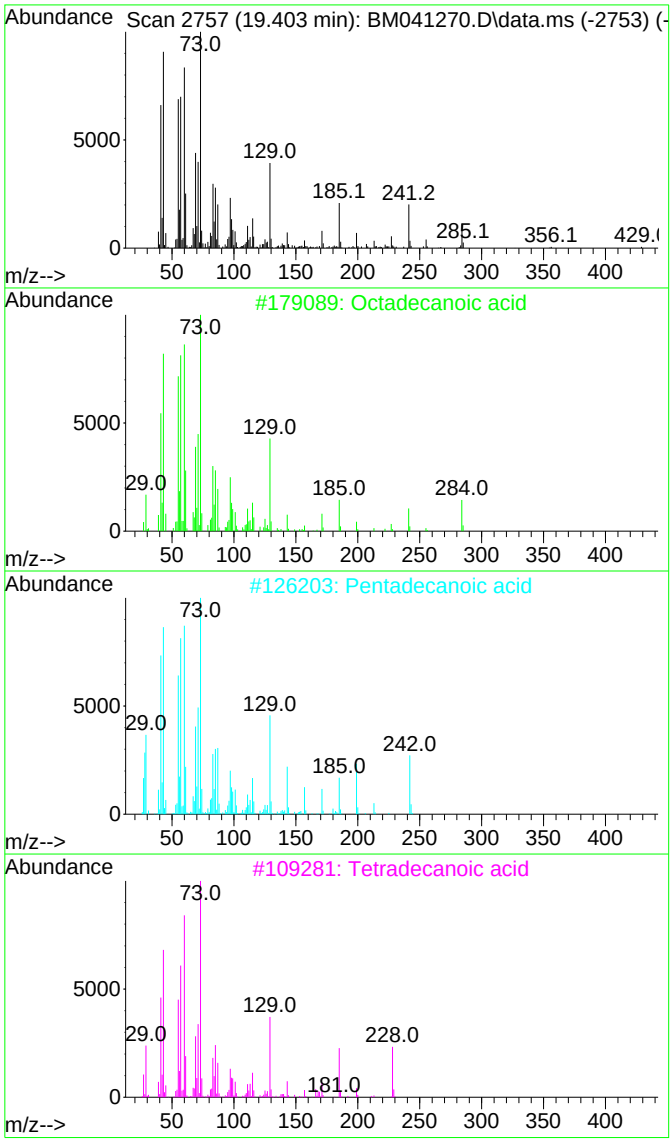
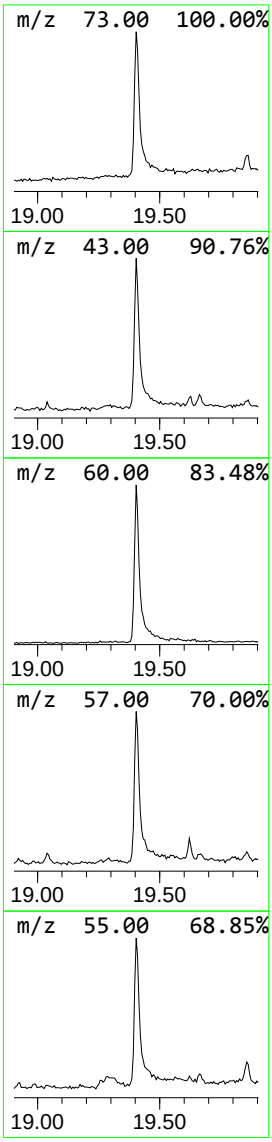
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	4.28 ng	540683	Chrysene-d12	21.421

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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Sample : 03756-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RPTP-12-CS-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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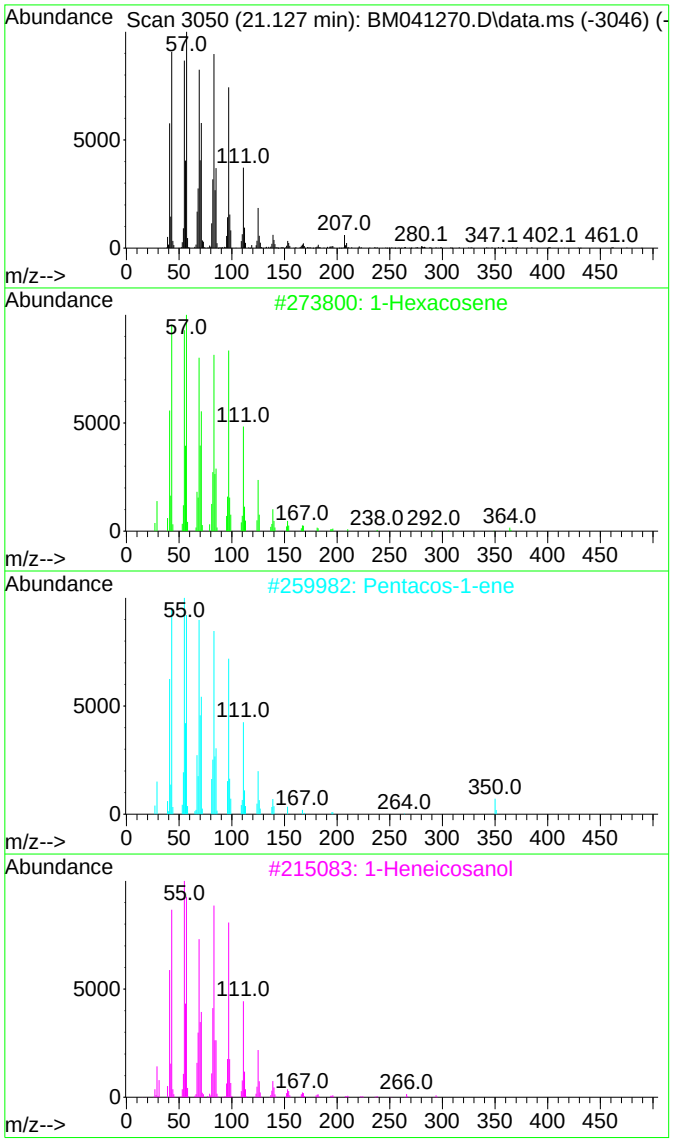
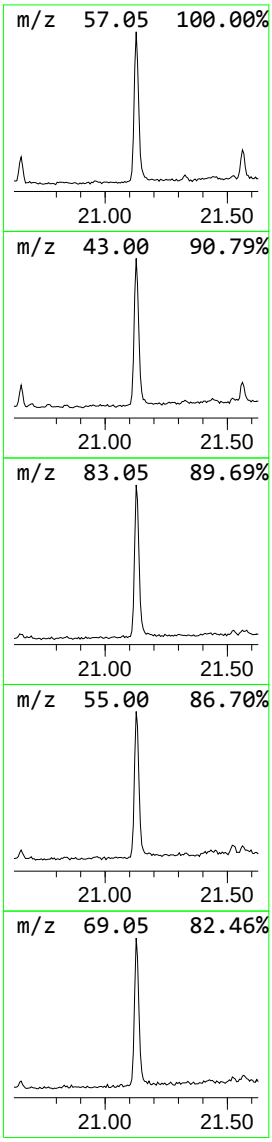
Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	5.19 ng	655773	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	10.2	ng	1234250	4	17.221	2432460	20.0
Octadecanoic acid	19.403	4.3	ng	540683	5	21.421	2527700	20.0
1-Hexacosene	21.127	5.2	ng	655773	5	21.421	2527700	20.0