LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035250.D
Acq On : 25 May 2022 20:22
Operator : CG/JU
Sample : N2896-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P038-SS001-1824-01

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	399	405	419	rBV	989163	1445930	33.32%	7.372%
2	7.057	668	675	694	rBV	915174	1513482	34.87%	7.716%
3	7.887	809	816	825	rBV	290375	461328	10.63%	2.352%
4	9.045	1006	1013	1028	rBV	596609	993187	22.88%	5.064%
5	10.686	1284	1292	1302	rBV	358463	610382	14.06%	3.112%
6	13.151	1704	1711	1725	rBV	1756849	2516580	57.98%	12.830%
7	14.527	1938	1945	1957	rBV	571306	844023	19.45%	4.303%
8	16.010	2191	2197	2214	rBV	1398969	2051540	47.27%	10.459%
9	17.268	2405	2411	2419	rBV	753704	1050074	24.19%	5.354%
10	18.174	2559	2565	2575	rBV	205042	324867	7.49%	1.656%
11	19.451	2778	2782	2792	rBV2	100112	155355	3.58%	0.792%
12	19.892	2852	2857	2863	rBV	3613783	4340138	100.00%	22.127%
13	21.174	3071	3075	3081	rBV	214379	297440	6.85%	1.516%
14	21.450	3117	3122	3127	rBV	1137168	1438678	33.15%	7.335%
15	23.827	3519	3526	3538	rVB	795053	1571590	36.21%	8.012%

Sum of corrected areas: 19614594

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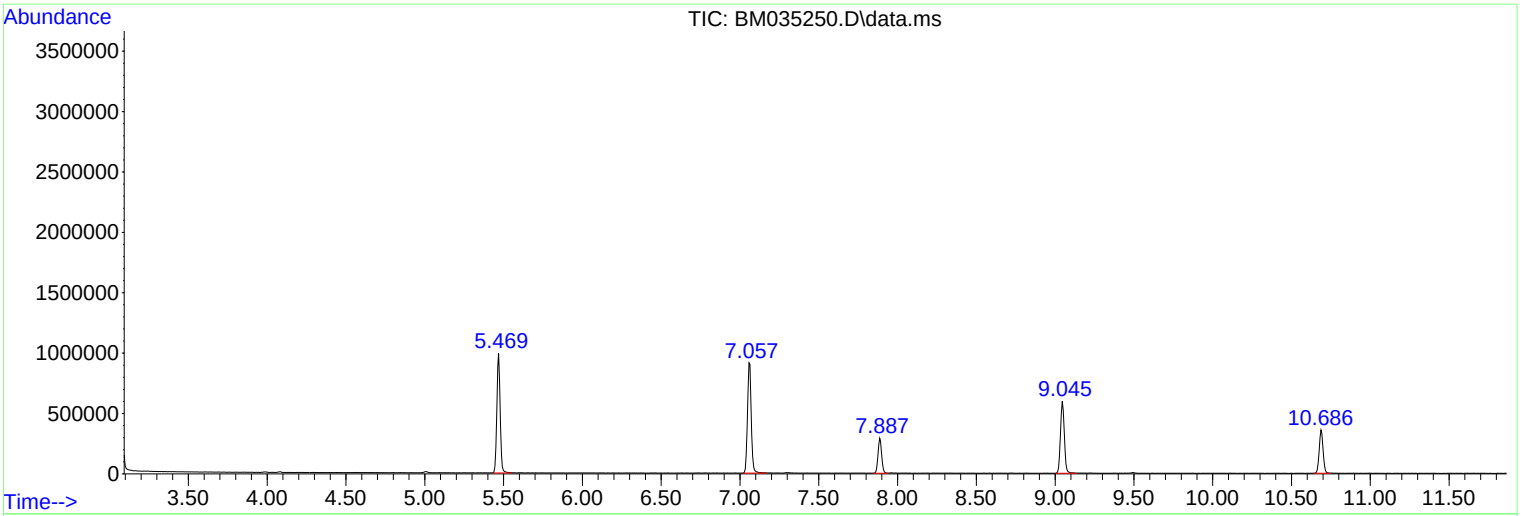
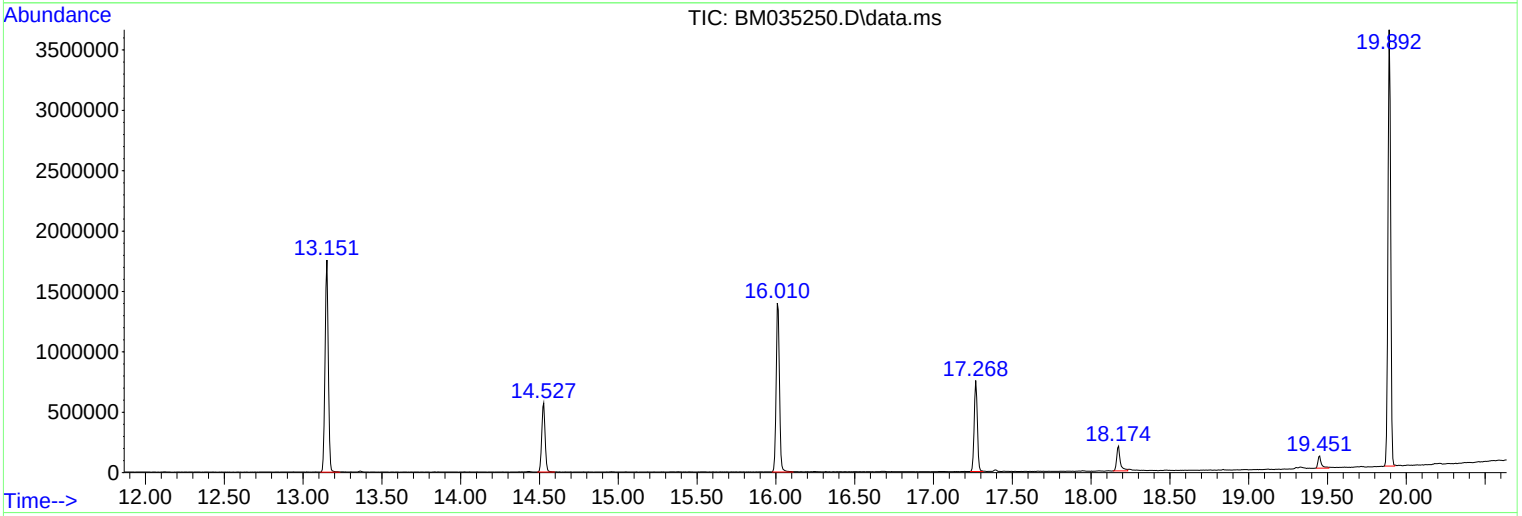
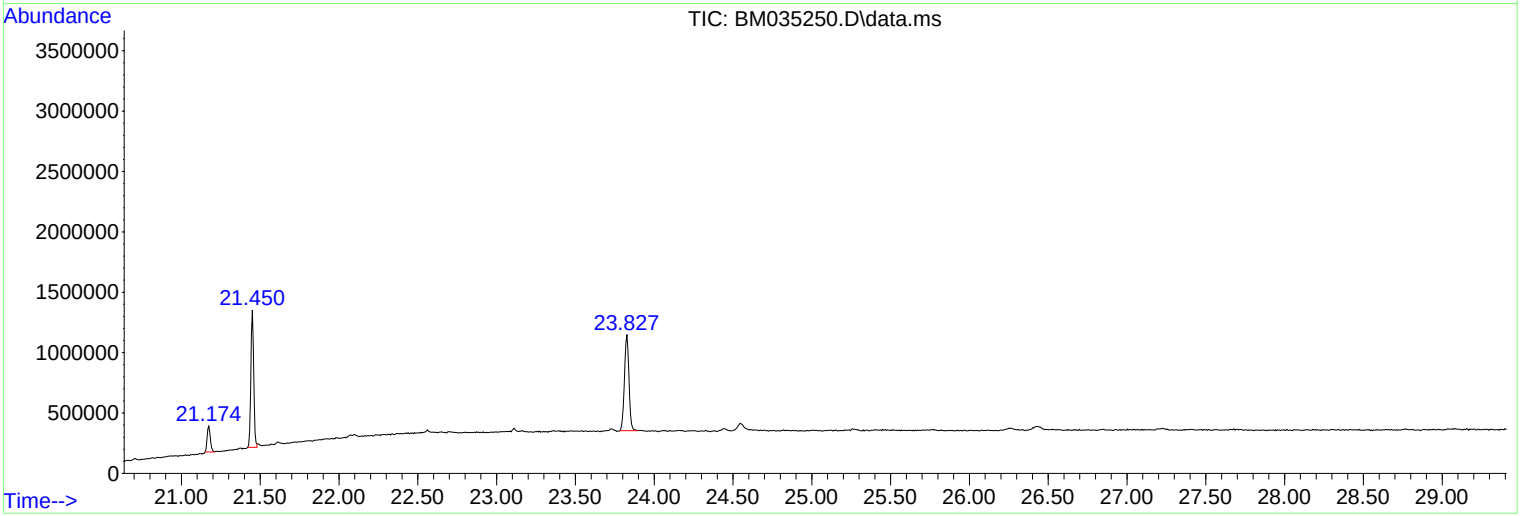
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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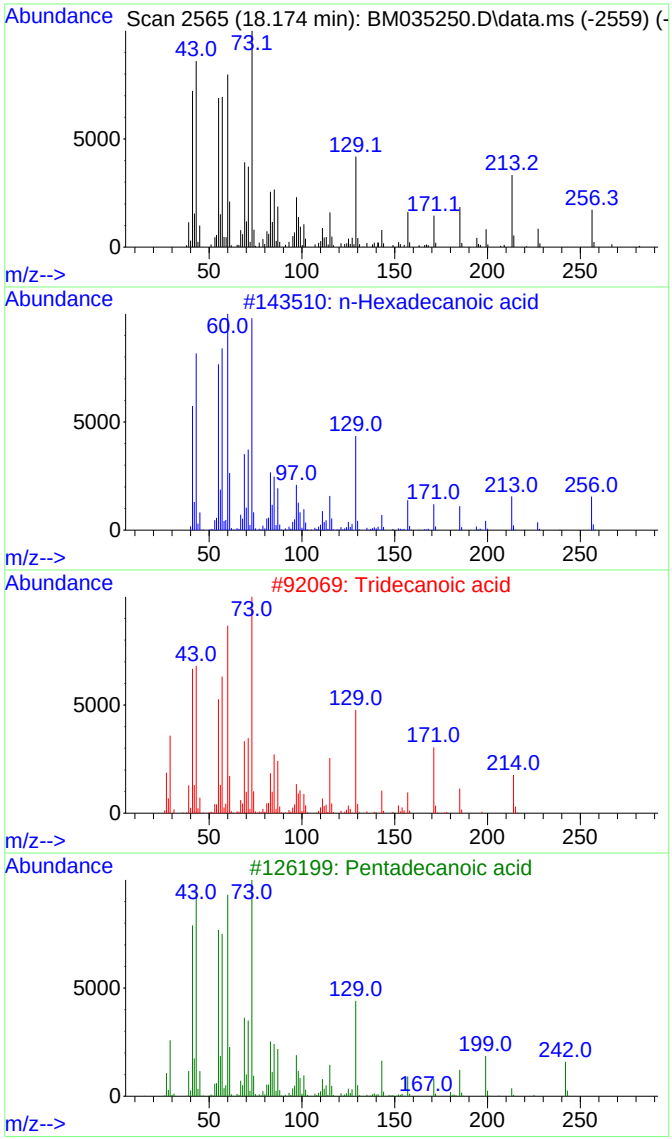
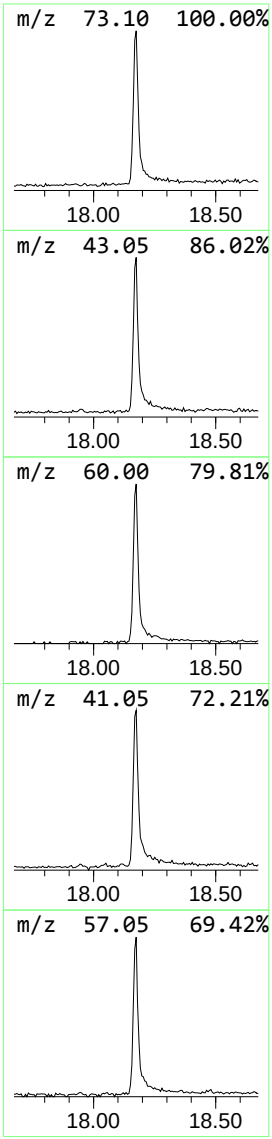
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	6.19 ng	324867	Phenanthrene-d10	17.268

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





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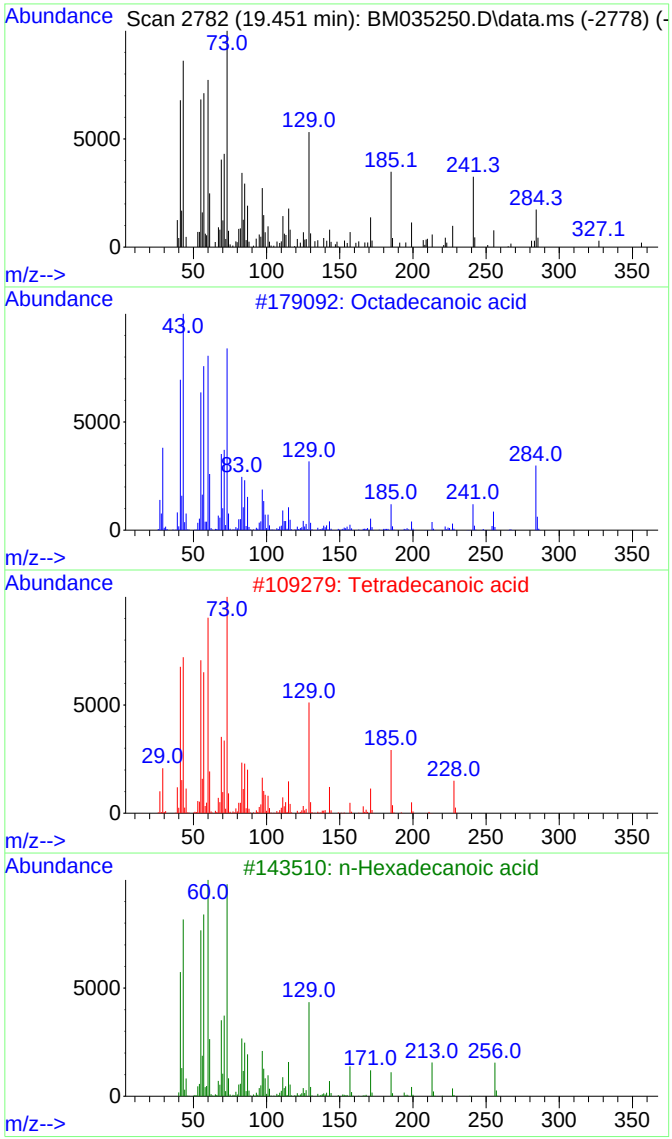
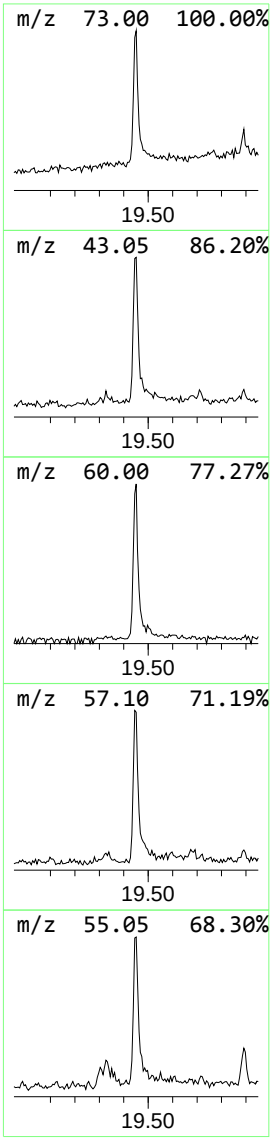
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	2.16 ng	155355	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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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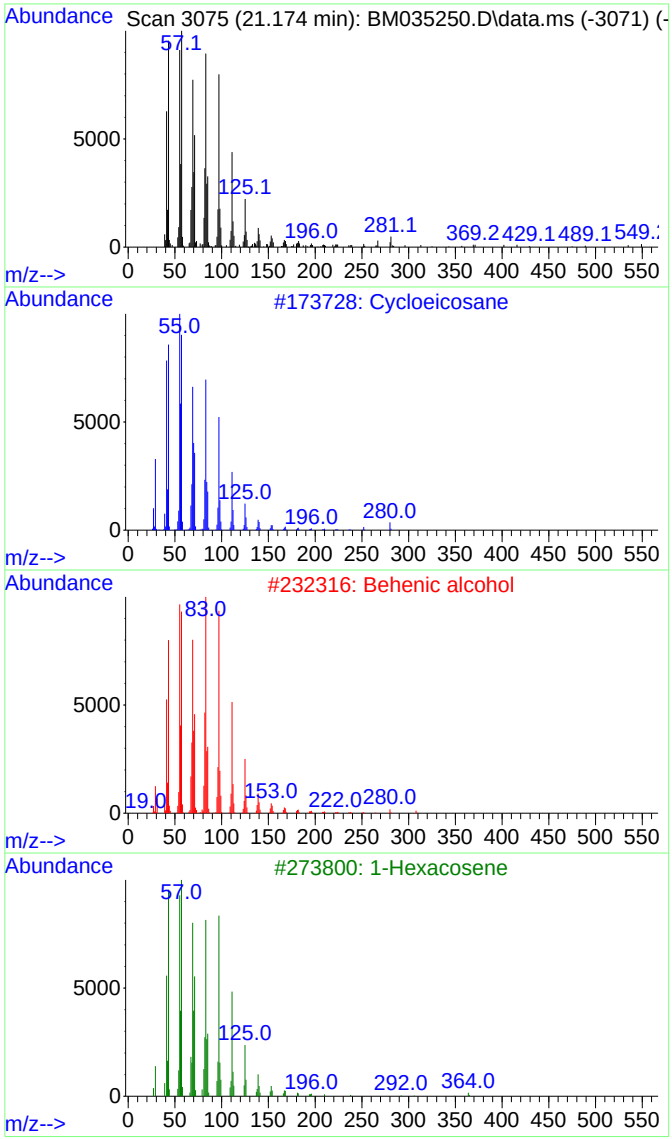
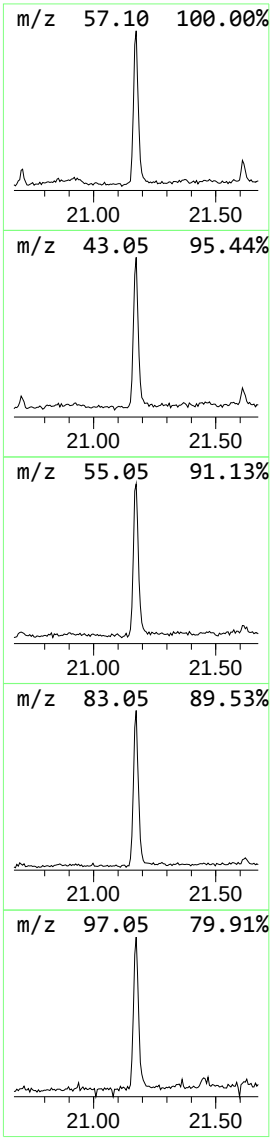
Peak Number 3 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	4.13 ng	297440	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	1-Tetracosene	336	C24H48	010192-32-2	95





Tentatively Identified Compound (LSC) summary

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BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.174	6.2	ng	324867	4	17.268	1050070	20.0
Octadecanoic acid	19.451	2.2	ng	155355	5	21.450	1438680	20.0
Cycloeicosane	21.174	4.1	ng	297440	5	21.450	1438680	20.0