LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047280.D
Acq On : 20 Aug 2024 21:34
Operator : RC/JU
Sample : P3645-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
914-J-WS-081524

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.569	279	286	294	rVB2	96903	146570	1.30%	0.245%
2	5.016	354	362	377	rBV	3172184	4567103	40.54%	7.648%
3	6.569	620	626	640	rBV	1951858	3081463	27.35%	5.160%
4	7.357	754	760	769	rBV	1094759	1660496	14.74%	2.781%
5	8.504	947	955	966	rBV	2960775	4837426	42.94%	8.101%
6	10.110	1221	1228	1245	rBV	1302787	2187814	19.42%	3.664%
7	10.880	1352	1359	1368	rBV2	63604	140604	1.25%	0.235%
8	12.627	1648	1656	1675	rBV	7040933	10721614	95.18%	17.954%
9	13.910	1868	1874	1886	rBV2	35252	123480	1.10%	0.207%
10	14.016	1886	1892	1900	rBV	1905301	2823998	25.07%	4.729%
11	15.527	2142	2149	2176	rBV	5314263	8024560	71.23%	13.438%
12	16.780	2356	2362	2374	rBV	2164675	3085116	27.39%	5.166%
13	17.715	2516	2521	2529	rBV	452794	710131	6.30%	1.189%
14	19.015	2738	2742	2755	rBV	227642	398478	3.54%	0.667%
15	19.450	2810	2816	2824	rBV	9072689	11265021	100.00%	18.864%
16	20.756	3035	3038	3050	rBV2	185133	312550	2.77%	0.523%
17	21.021	3078	3083	3092	rBV	2103152	2849195	25.29%	4.771%
18	23.715	3534	3541	3553	rVB	1228297	2780431	24.68%	4.656%

Sum of corrected areas: 59716050

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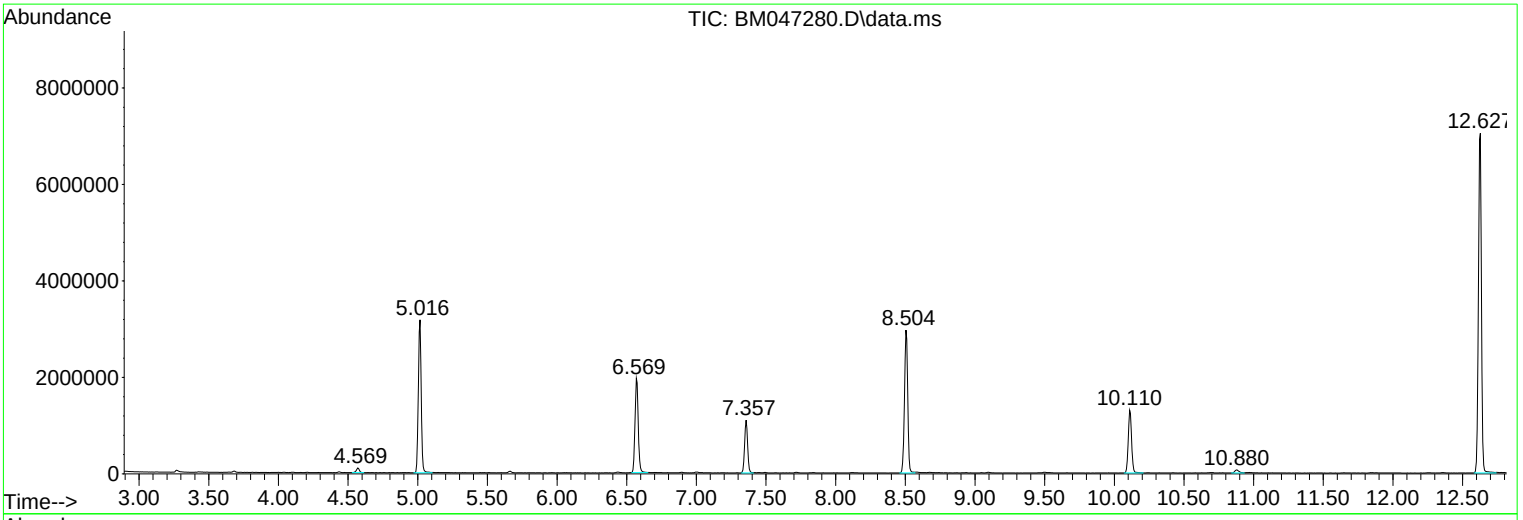
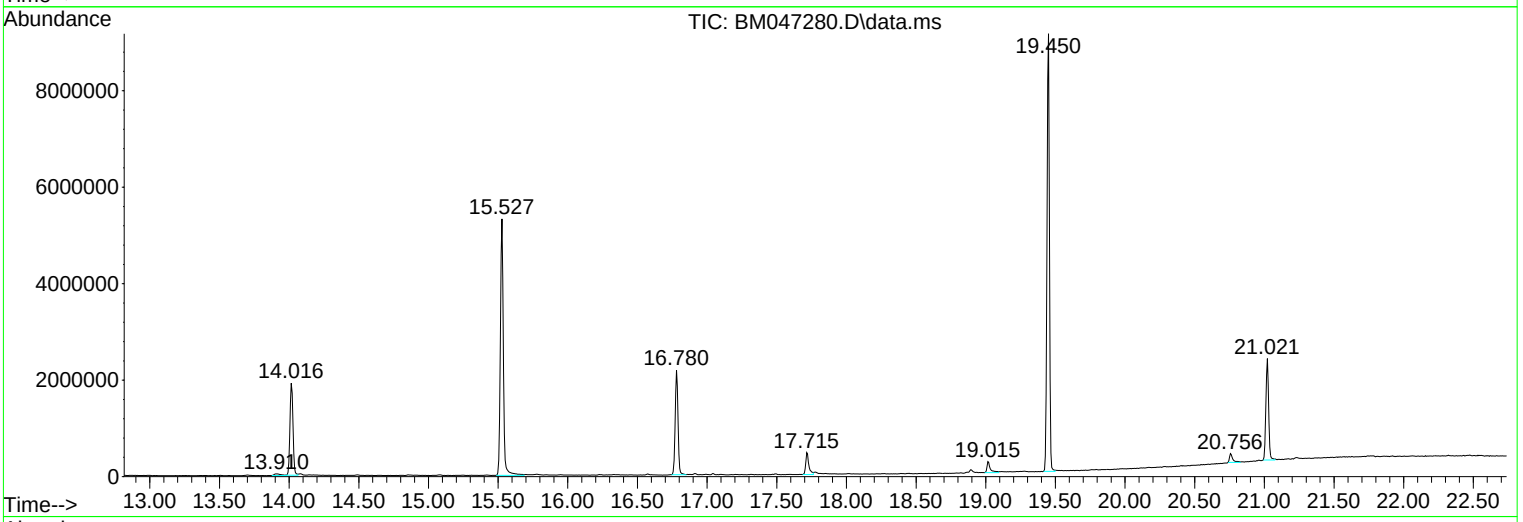
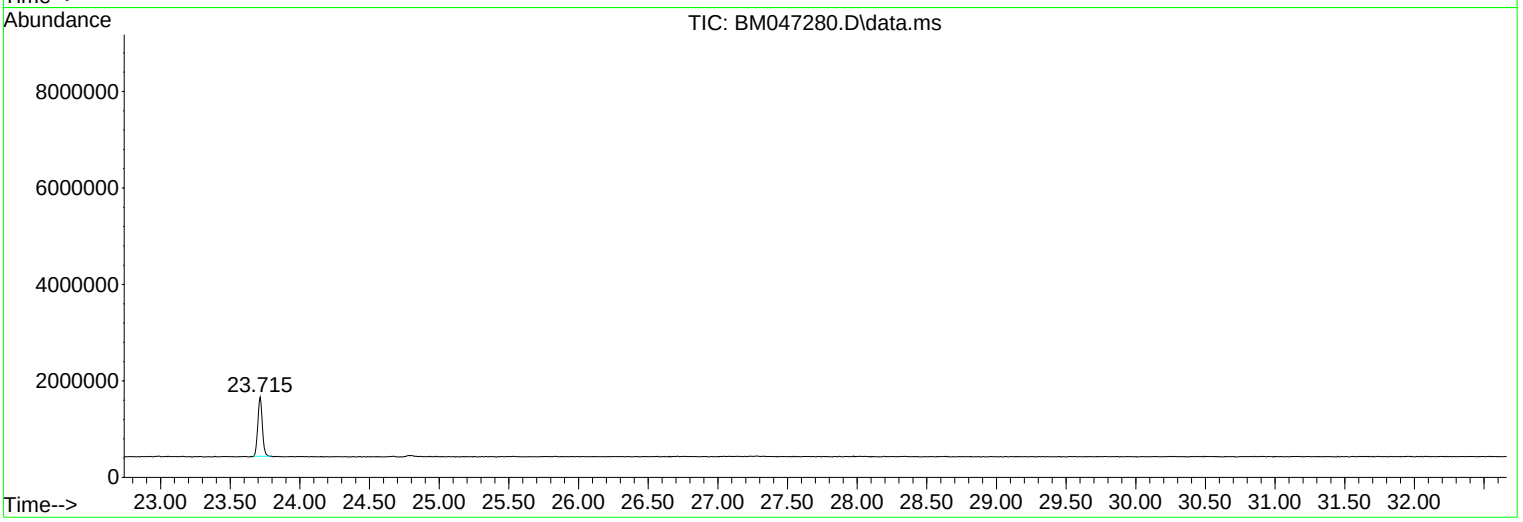
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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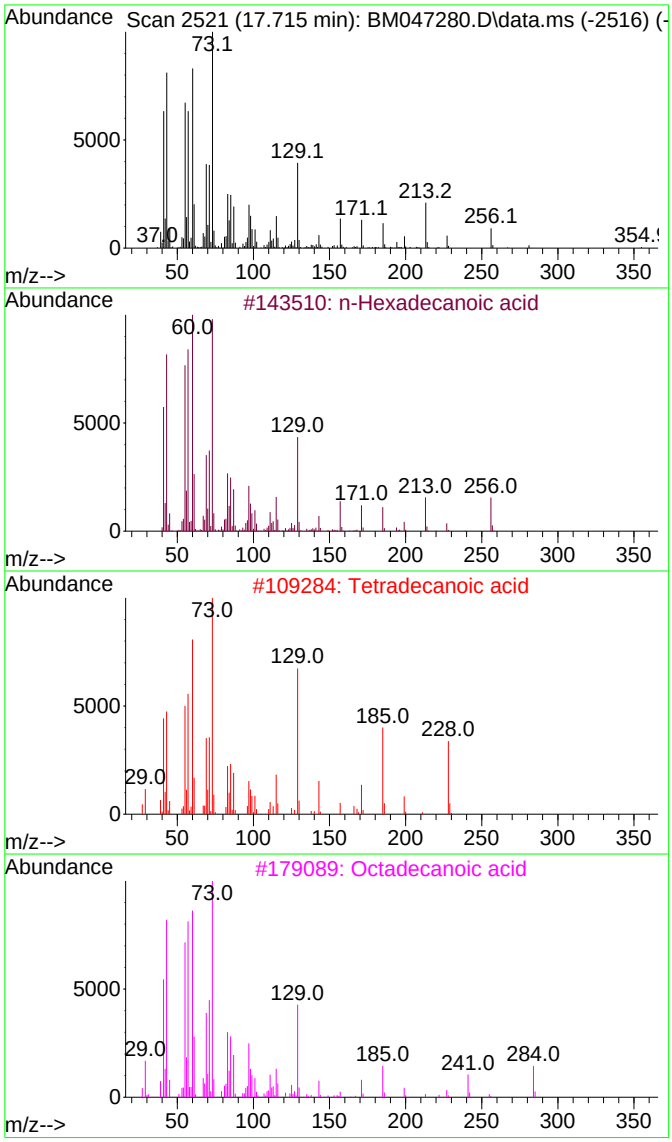
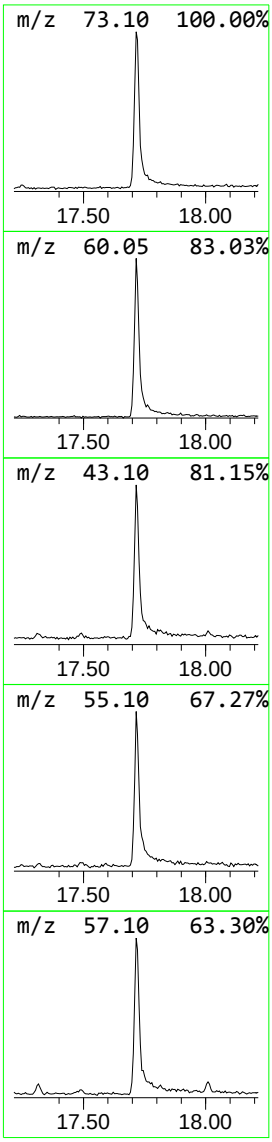
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.715	4.60 ng	710131	Phenanthrene-d10	16.780

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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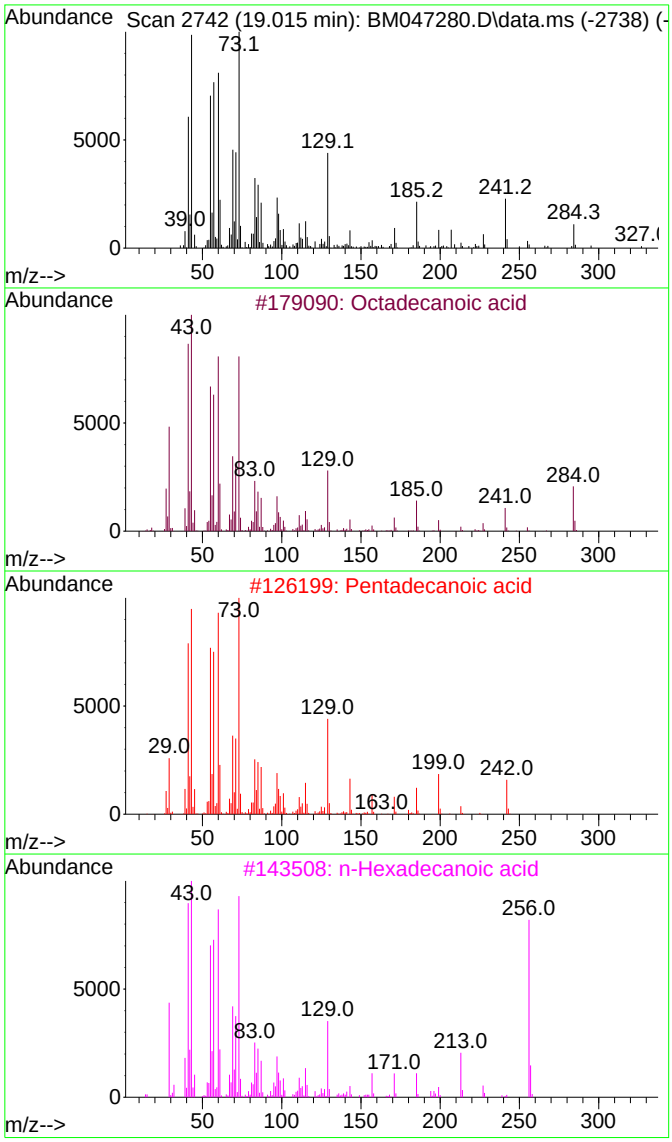
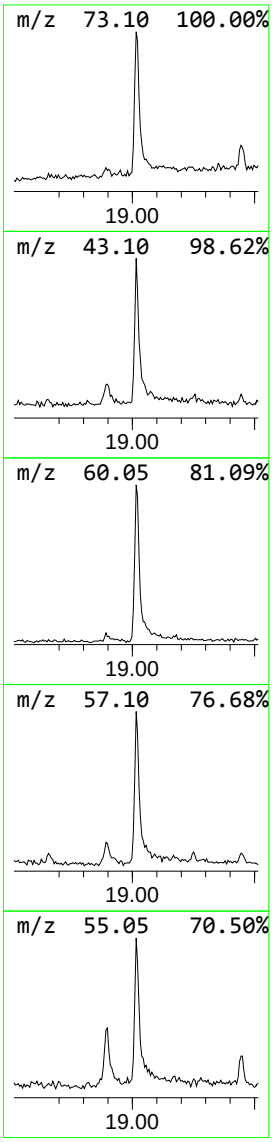
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	2.80 ng	398478	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
914-J-WS-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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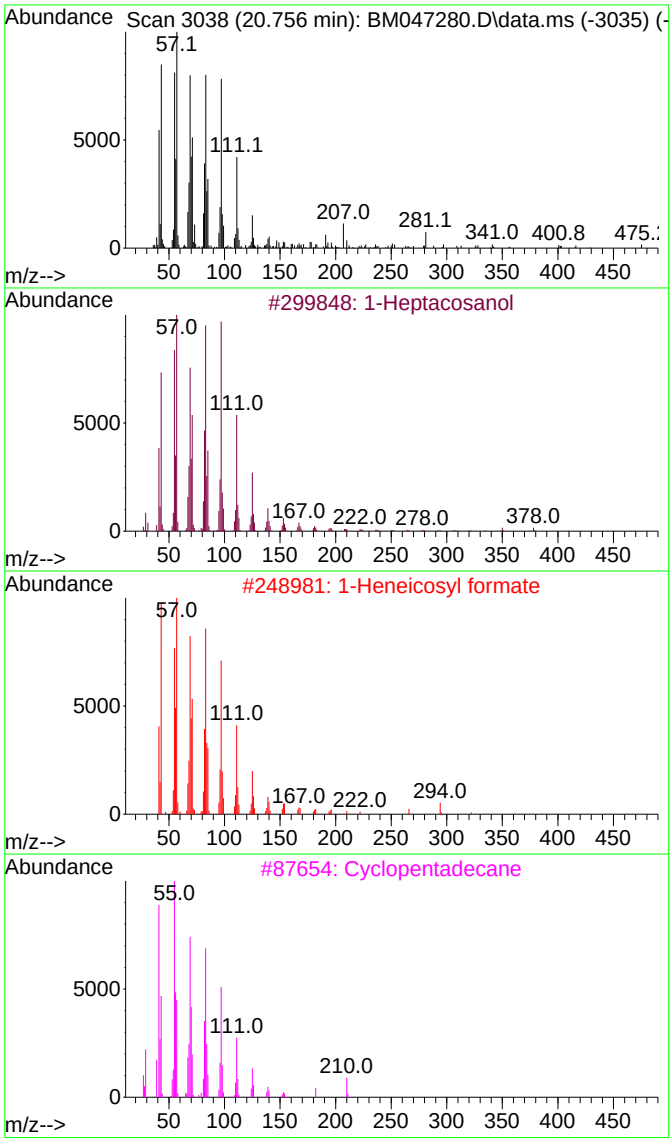
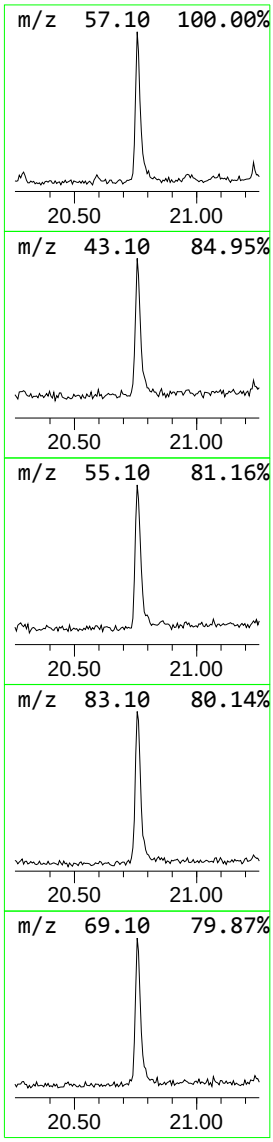
Peak Number 3 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.756	2.19 ng	312550	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Pentacos-1-ene	350	C25H50	016980-85-1	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	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 ...	17.715	4.6	ng	710131	4	16.780	3085120	20.0
Octadecanoic acid	19.015	2.8	ng	398478	5	21.021	2849200	20.0
1-Heptacosanol	20.756	2.2	ng	312550	5	21.021	2849200	20.0