LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035380.D
Acq On : 03 Jun 2022 01:59
Operator : CG/JU
Sample : N2986-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P027-SS001-1218-01

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	392	399	418	rBV	2037681	3080474	37.73%	7.843%
2	7.034	663	671	689	rBV	1891661	3152121	38.61%	8.025%
3	7.851	803	810	819	rBV	561762	926353	11.35%	2.359%
4	9.010	999	1007	1024	rBV	1200287	2078131	25.45%	5.291%
5	10.645	1277	1285	1296	rBV	702655	1233258	15.10%	3.140%
6	13.115	1697	1705	1721	rBV	3792244	5598987	68.57%	14.255%
7	14.486	1931	1938	1956	rVB	1155118	1751043	21.45%	4.458%
8	15.980	2185	2192	2211	rBV	2800786	4113772	50.38%	10.474%
9	17.233	2399	2405	2415	rBV	1435969	2036268	24.94%	5.184%
10	18.139	2554	2559	2574	rBV	349287	566437	6.94%	1.442%
11	19.415	2772	2776	2784	rBV	207282	328243	4.02%	0.836%
12	19.862	2846	2852	2865	rBV	6465018	8164767	100.00%	20.788%
13	20.144	2897	2900	2904	rBV	72942	96669	1.18%	0.246%
14	20.421	2944	2947	2951	rBV2	72444	89551	1.10%	0.228%
15	21.133	3064	3068	3077	rBV	872323	1191146	14.59%	3.033%
16	21.415	3112	3116	3129	rBV	1753298	2444228	29.94%	6.223%
17	23.774	3511	3517	3527	rVB2	1222752	2425212	29.70%	6.175%

Sum of corrected areas: 39276660

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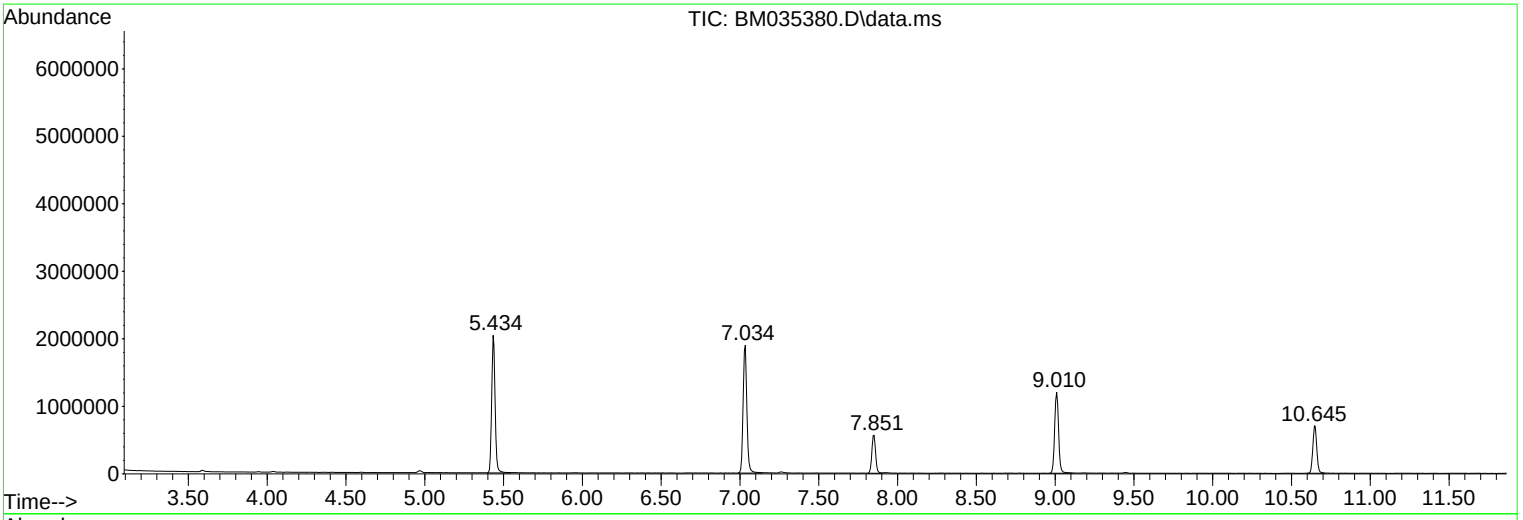
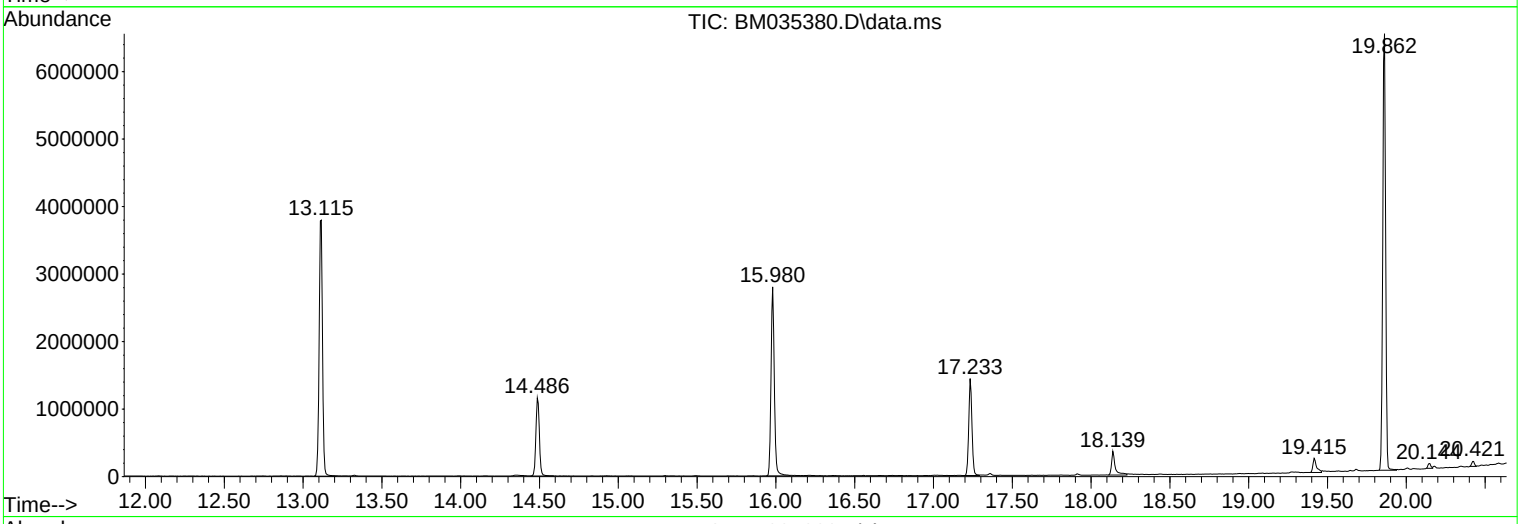
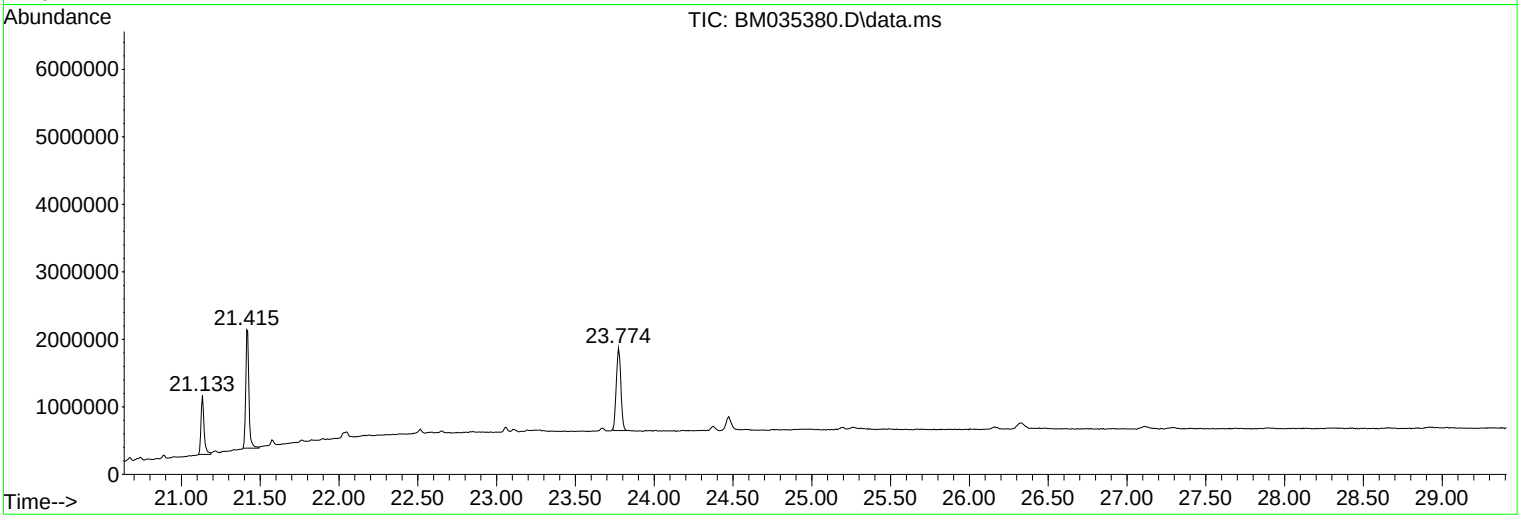
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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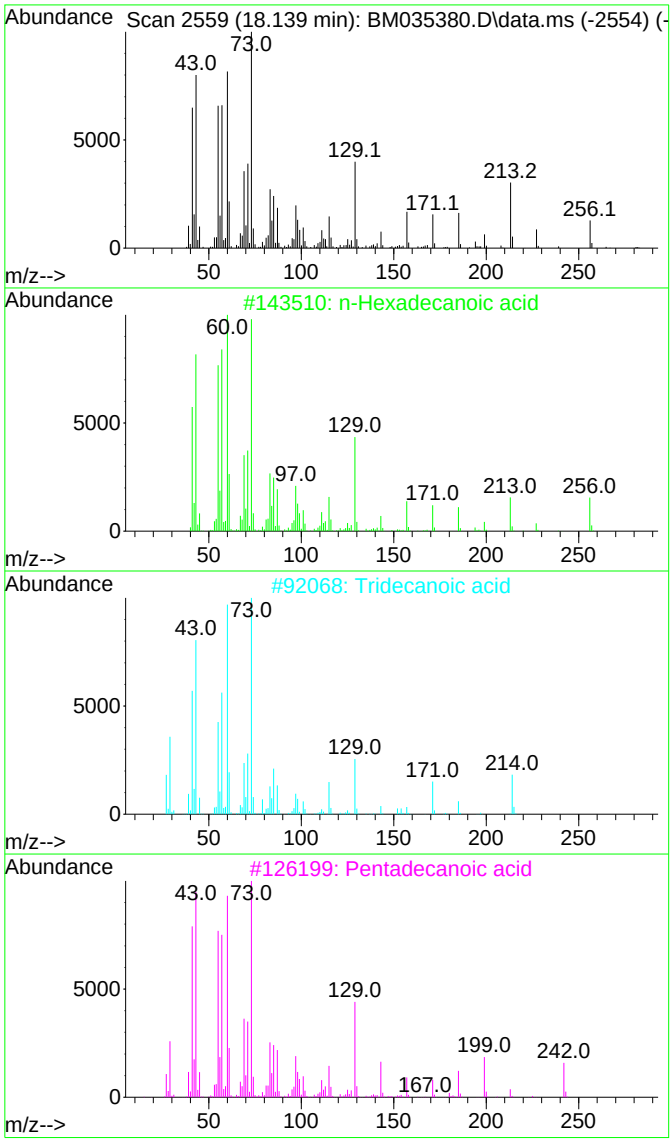
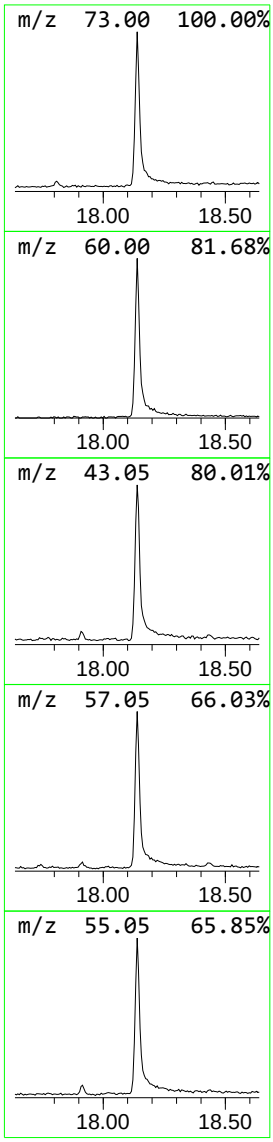
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.56 ng	566437	Phenanthrene-d10	17.233

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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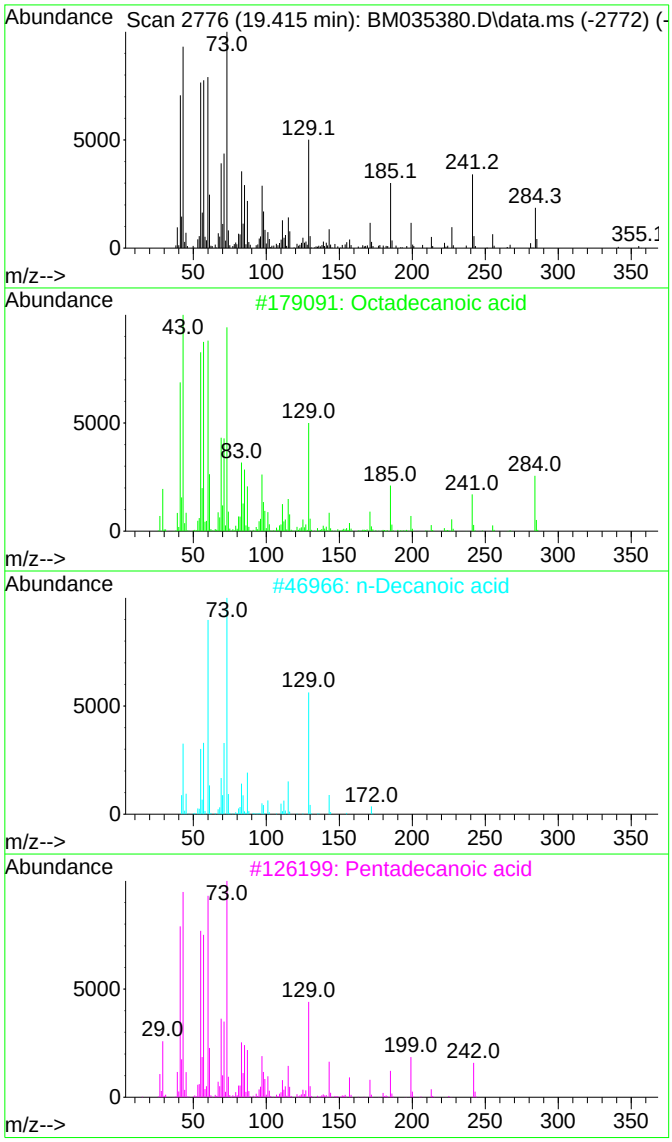
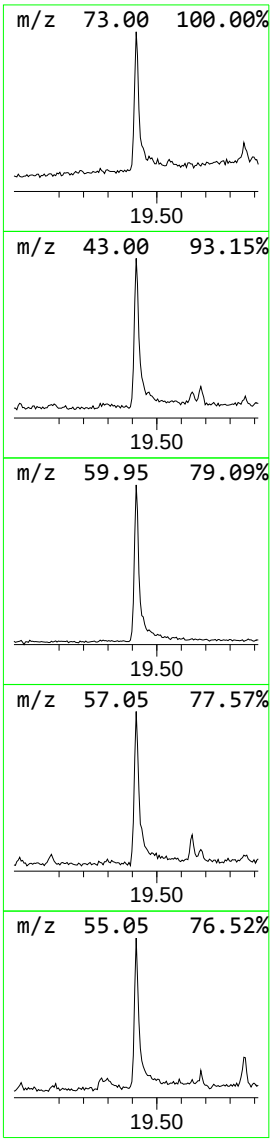
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	2.69 ng	328243	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
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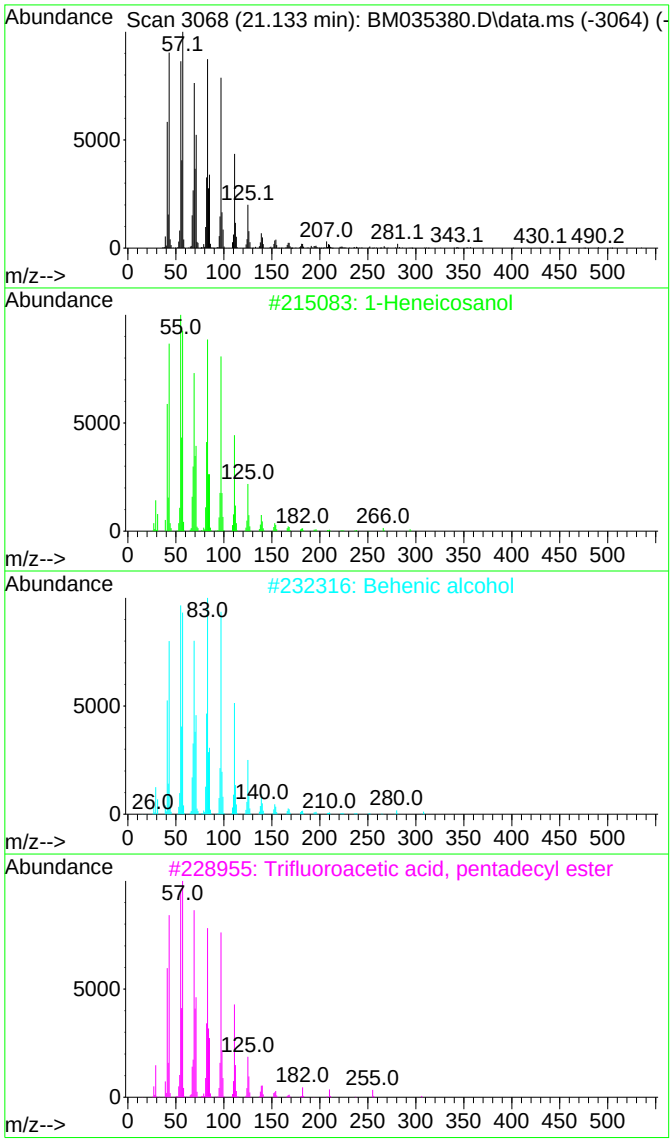
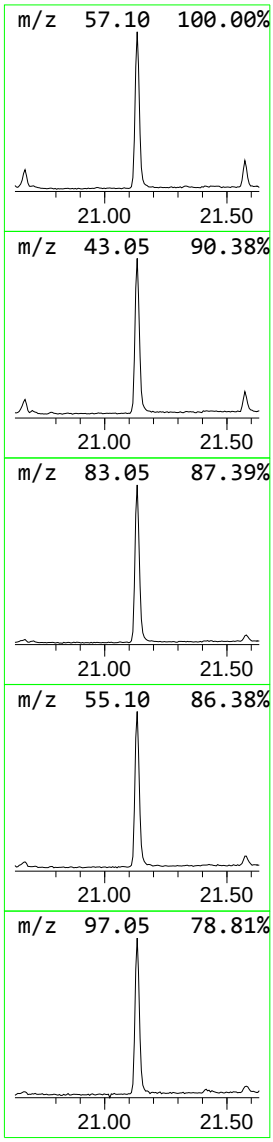
Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	9.75 ng	1191150	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.139	5.6	ng	566437	4	17.233	2036270	20.0
Octadecanoic acid	19.415	2.7	ng	328243	5	21.415	2444230	20.0
1-Heneicosanol	21.133	9.8	ng	1191150	5	21.415	2444230	20.0