LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035374.D
Acq On : 02 Jun 2022 22:18
Operator : CG/JU
Sample : N2984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P020-SS001-0612-01

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: BM035374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	393	400	419	rBV	2294451	3509782	35.15%	8.466%
2	7.034	663	671	687	rBV	2189006	3544439	35.50%	8.549%
3	7.851	802	810	818	rBV	460533	740715	7.42%	1.787%
4	9.010	999	1007	1024	rBV	1399478	2381159	23.85%	5.743%
5	10.651	1278	1286	1300	rBV	588516	1023608	10.25%	2.469%
6	13.116	1697	1705	1719	rBV	4339069	6219920	62.30%	15.003%
7	14.492	1932	1939	1957	rVB	845468	1324703	13.27%	3.195%
8	15.980	2185	2192	2212	rBV	3146944	4649581	46.57%	11.215%
9	17.233	2399	2405	2417	rBV	1079686	1610858	16.13%	3.885%
10	17.915	2517	2521	2526	rVB	98617	116790	1.17%	0.282%
11	18.139	2553	2559	2568	rBV	376571	601675	6.03%	1.451%
12	19.415	2772	2776	2788	rBV	193142	340904	3.41%	0.822%
13	19.862	2846	2852	2860	rBV	7937451	9983977	100.00%	24.082%
14	21.133	3064	3068	3075	rBV	464112	615745	6.17%	1.485%
15	21.333	3100	3102	3108	rVB	123186	125720	1.26%	0.303%
16	21.415	3112	3116	3126	rBV	1659382	2308984	23.13%	5.569%
17	23.774	3511	3517	3526	rVB2	1192760	2359917	23.64%	5.692%

Sum of corrected areas: 41458477

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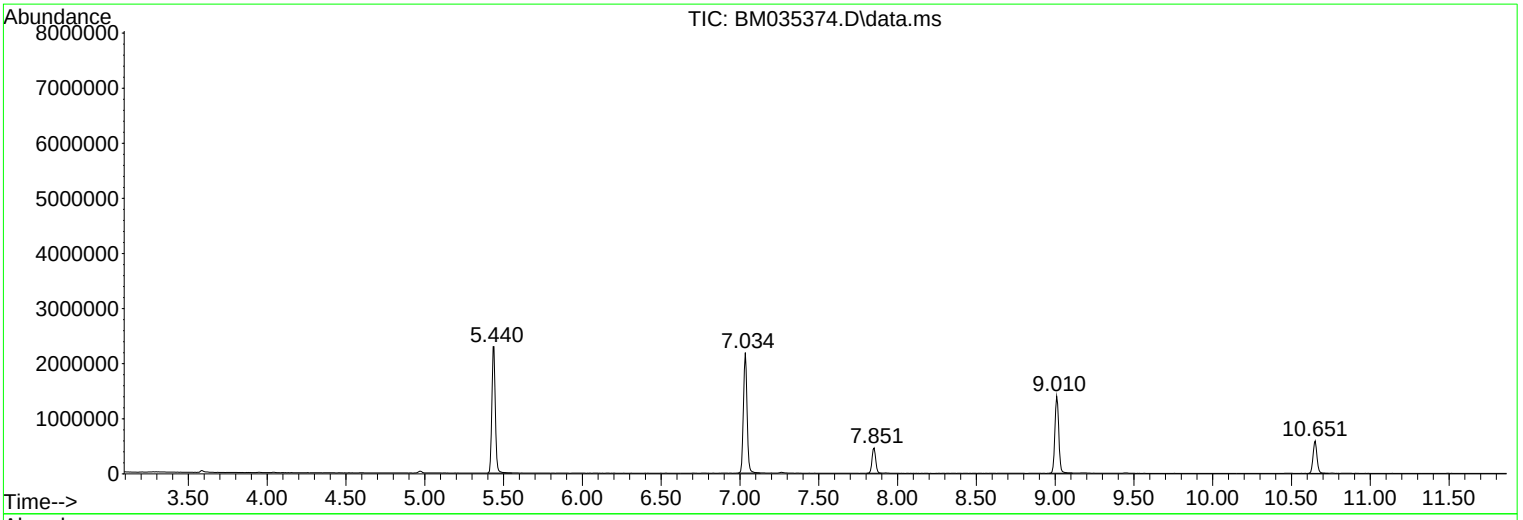
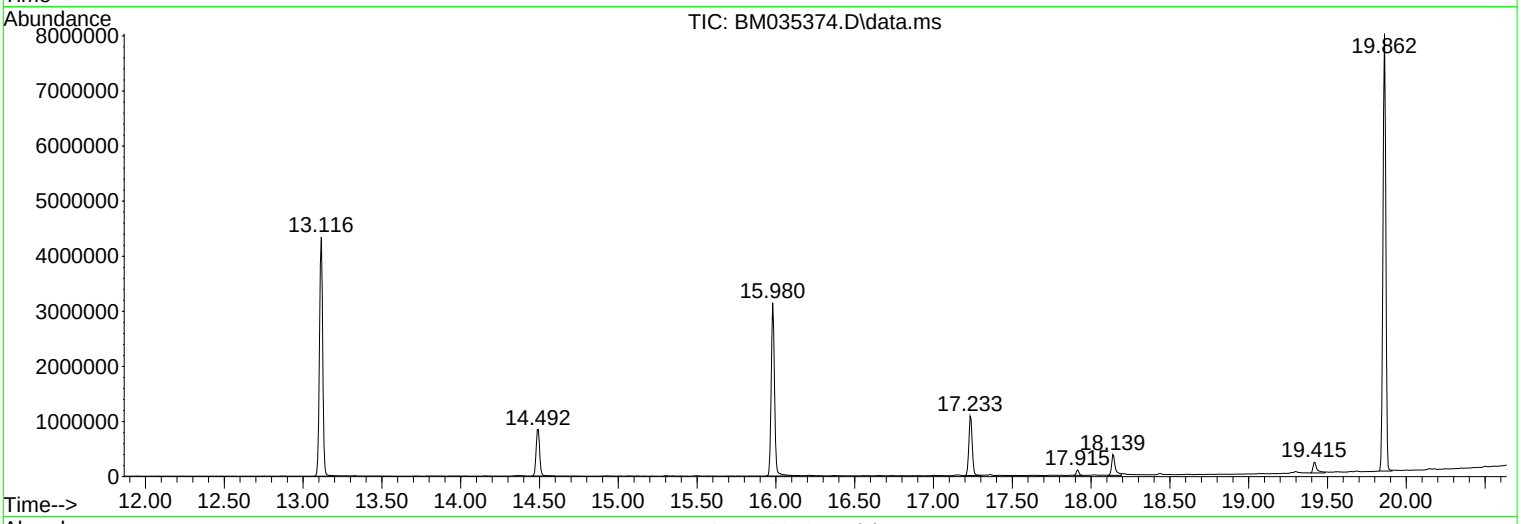
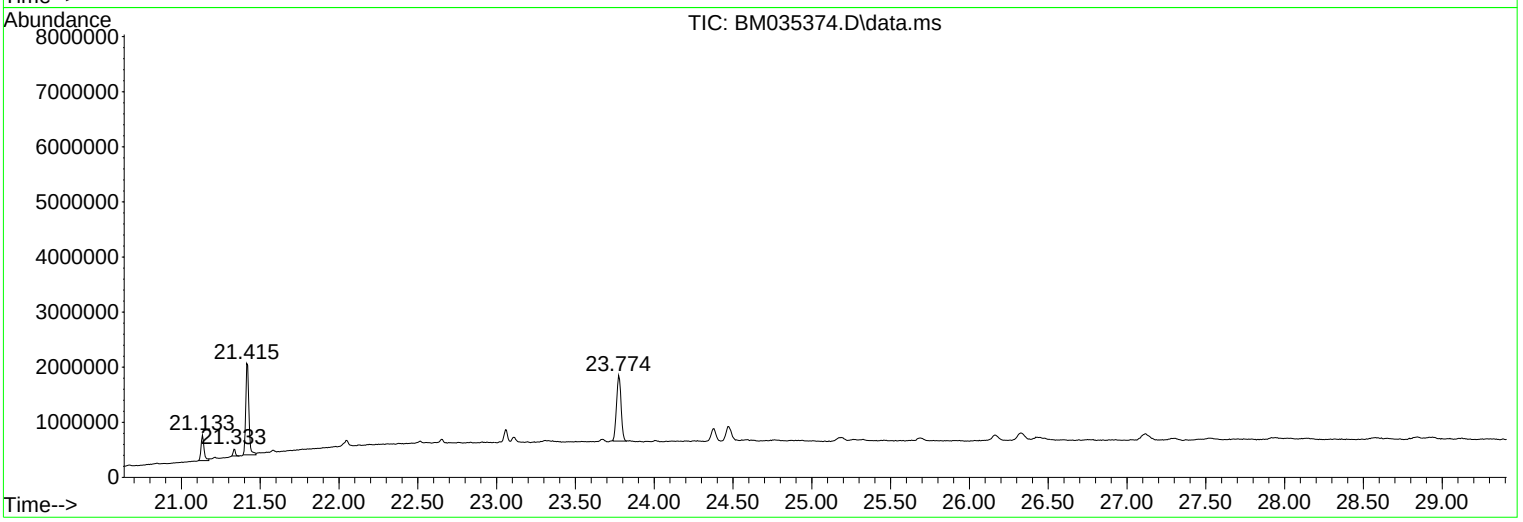
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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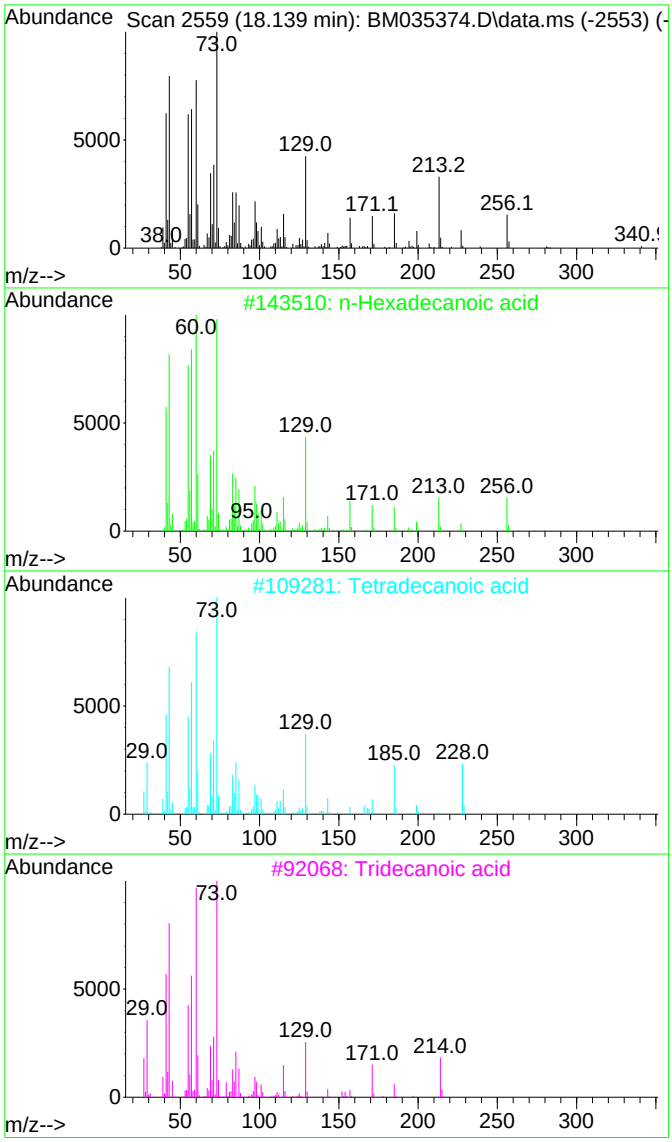
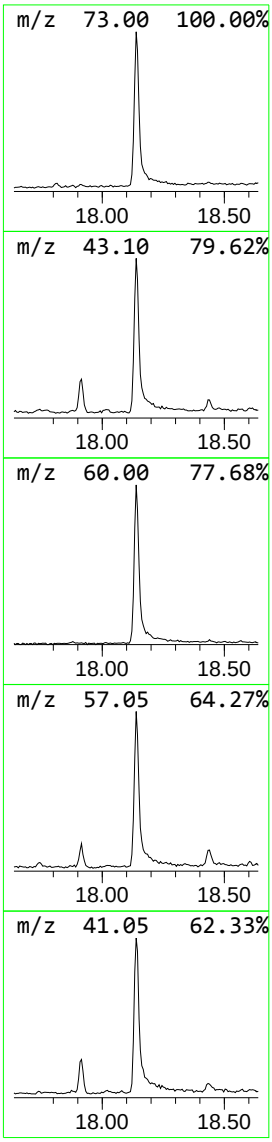
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	7.47 ng	601675	Phenanthrene-d10	17.233

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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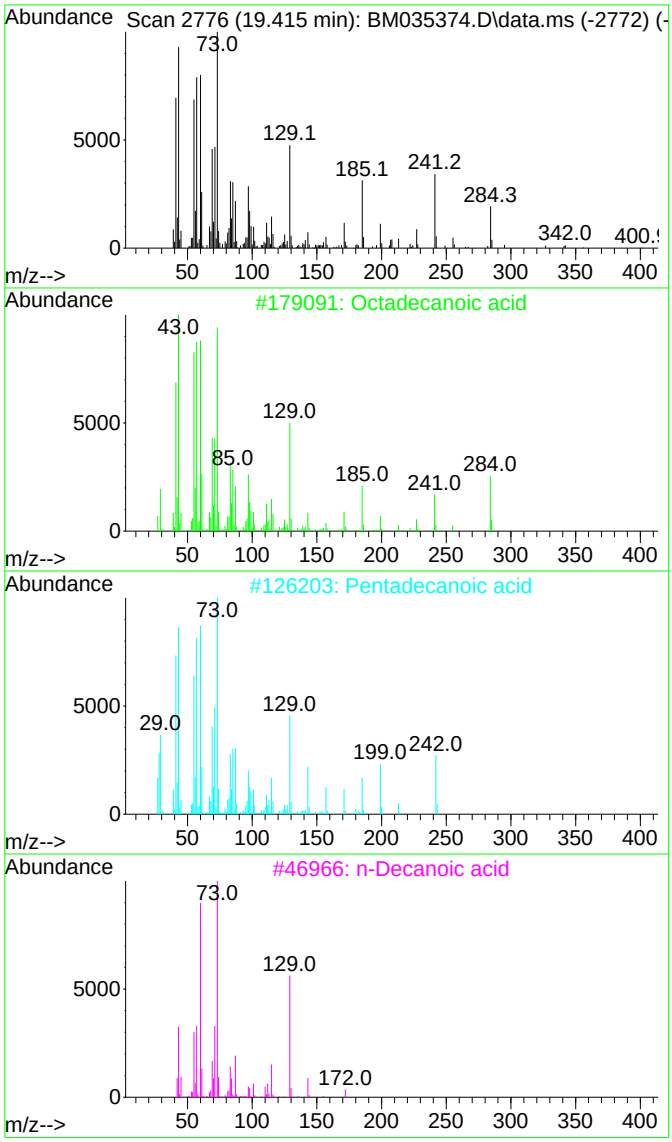
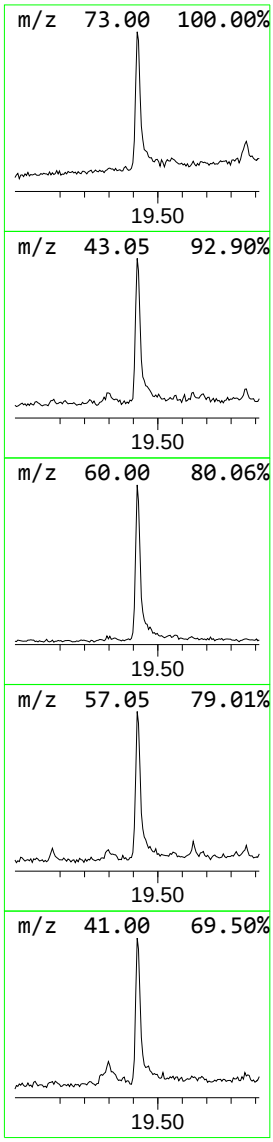
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	2.95 ng	340904	Chrysene-d12	21.415

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	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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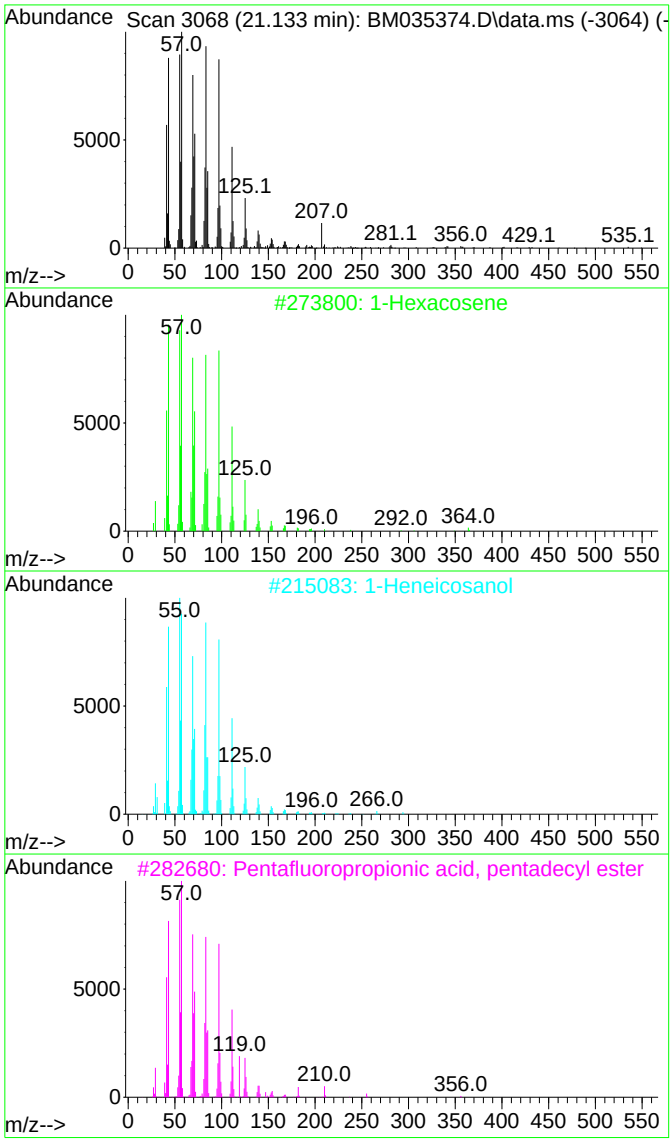
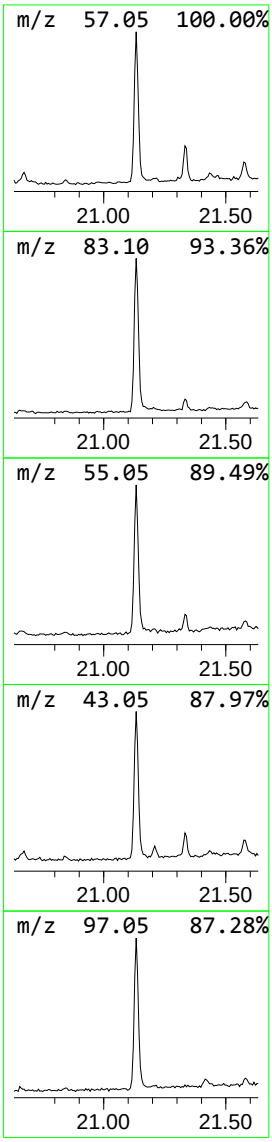
Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.33 ng	615745	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	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	7.5	ng	601675	4	17.233	1610860	20.0
Octadecanoic acid	19.415	3.0	ng	340904	5	21.415	2308980	20.0
1-Hexacosene	21.133	5.3	ng	615745	5	21.415	2308980	20.0