LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
Data File : BG057056.D
Acq On : 11 Apr 2023 16:56
Operator : CG/JU
Sample : 02271-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2-040723

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_G\Methods\8270-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.922	399	406	416	rVB	171505	291643	18.36%	5.041%
2	7.538	674	681	690	rVB2	110894	189708	11.94%	3.279%
3	8.407	822	829	838	rBB	63228	103638	6.52%	1.791%
4	9.582	1019	1029	1037	rBB	239310	441024	27.76%	7.623%
5	11.245	1305	1312	1320	rBV	82342	142537	8.97%	2.464%
6	13.647	1713	1721	1727	rBV	678342	1023460	64.42%	17.691%
7	15.016	1948	1954	1962	rBV	130233	199297	12.54%	3.445%
8	16.355	2176	2182	2187	rBV	49928	70878	4.46%	1.225%
9	16.496	2200	2206	2217	rBV	532359	829983	52.24%	14.347%
10	17.759	2413	2421	2427	rBV	169089	251536	15.83%	4.348%
11	18.593	2558	2563	2571	rBV2	23209	36384	2.29%	0.629%
12	19.845	2773	2776	2781	rBV5	12658	16021	1.01%	0.277%
13	20.326	2852	2858	2864	rVB	1255583	1588793	100.00%	27.463%
14	21.642	3078	3082	3089	rVB8	17072	33033	2.08%	0.571%
15	22.077	3150	3156	3164	rVB2	155223	276361	17.39%	4.777%
16	23.857	3454	3459	3467	rVB5	10325	22046	1.39%	0.381%
17	25.613	3747	3758	3771	rVB	90163	268862	16.92%	4.647%

Sum of corrected areas: 5785204

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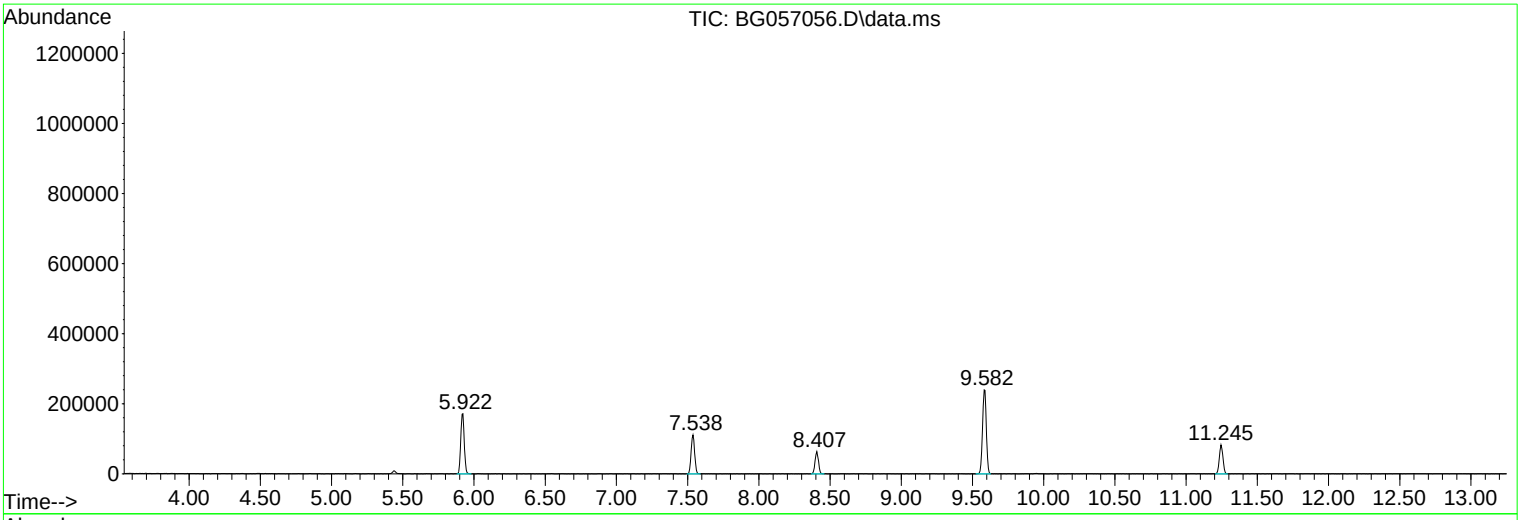
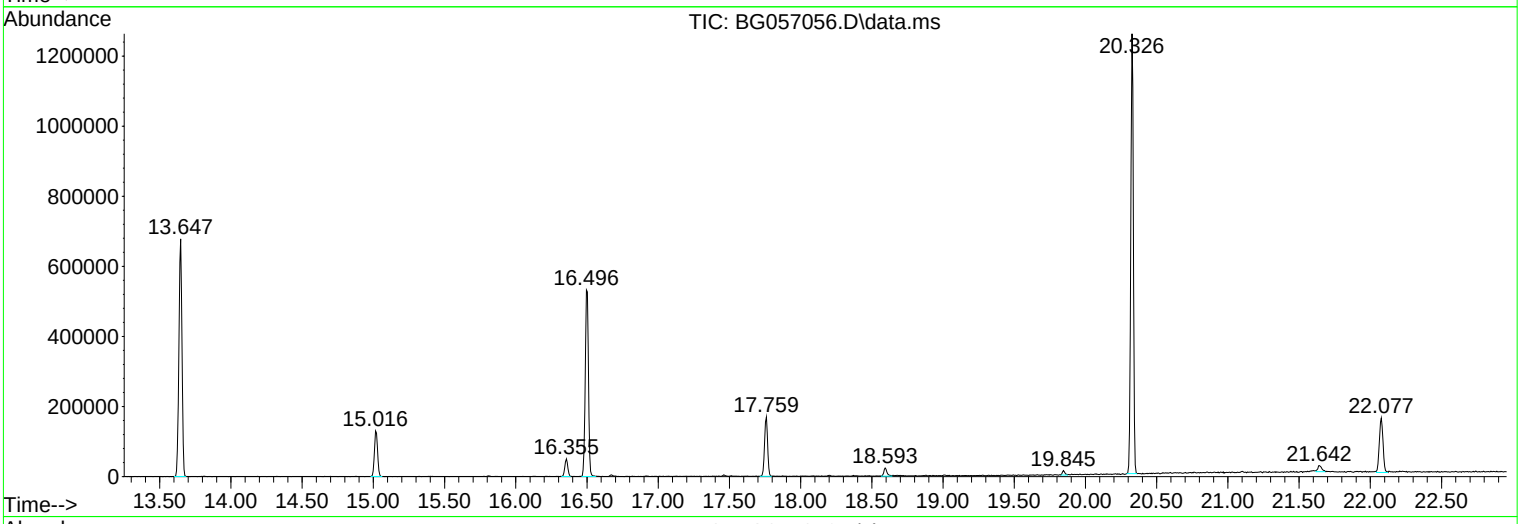
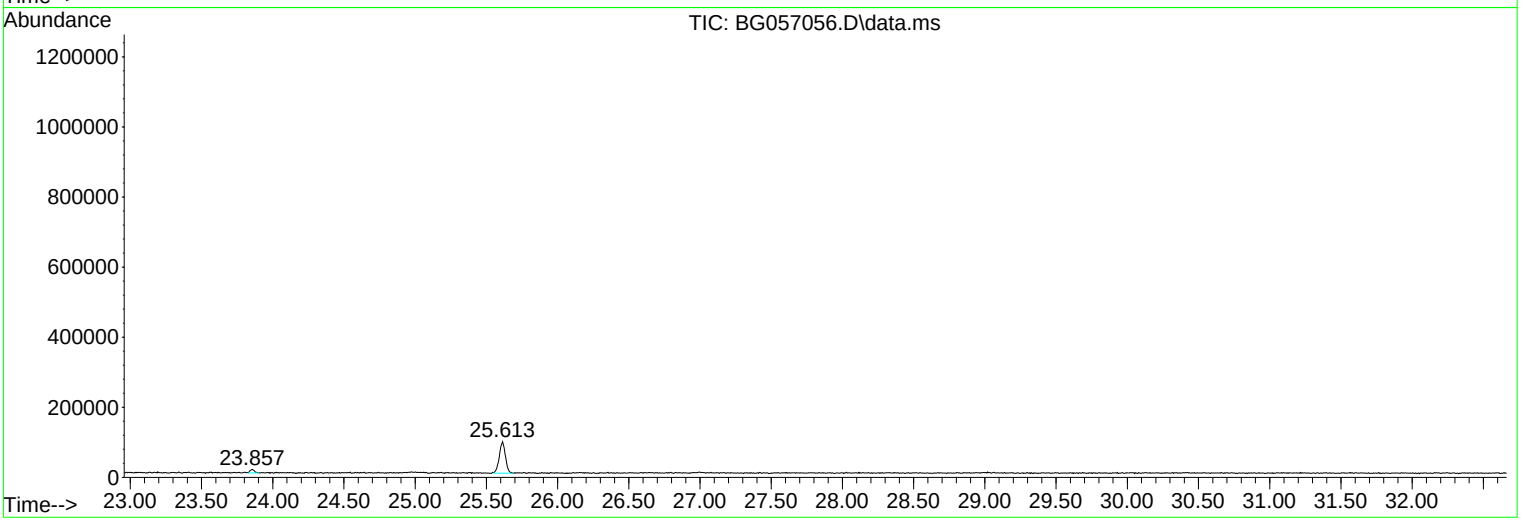
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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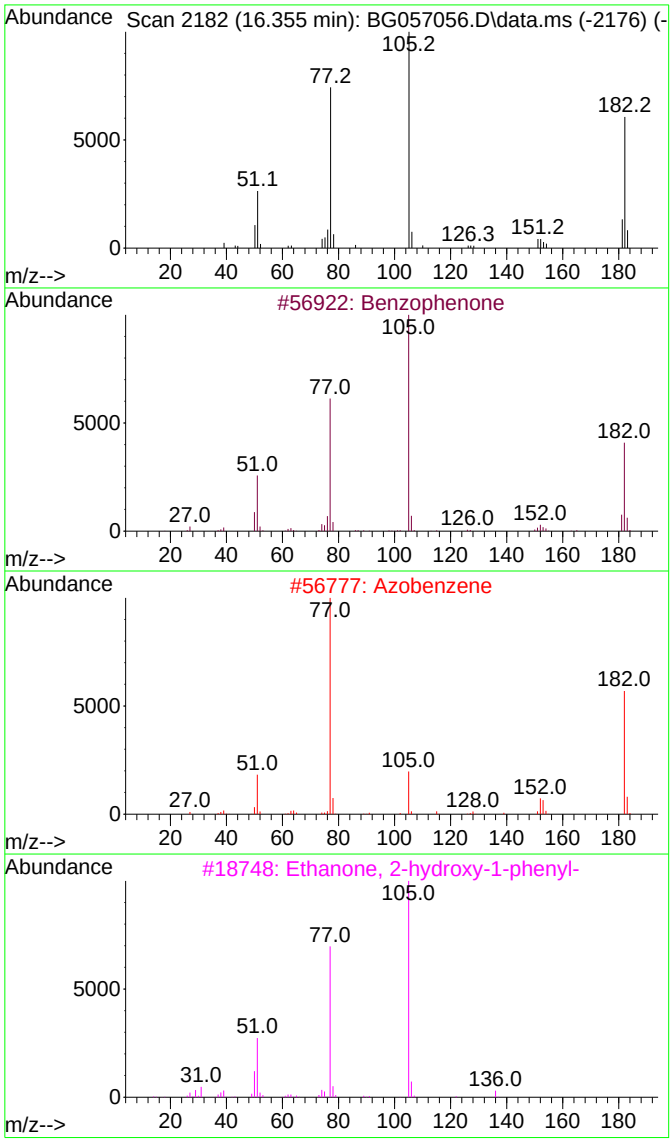
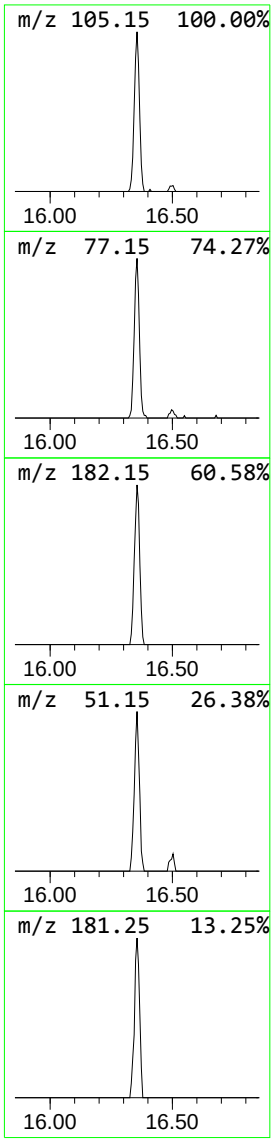
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.355	7.11 ng	70878	Acenaphthene-d10	15.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	50
4	Acetic acid, 2-benzoylthio-, 2-o...	314	C17H14O4S	1000260-20-1	50
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	50





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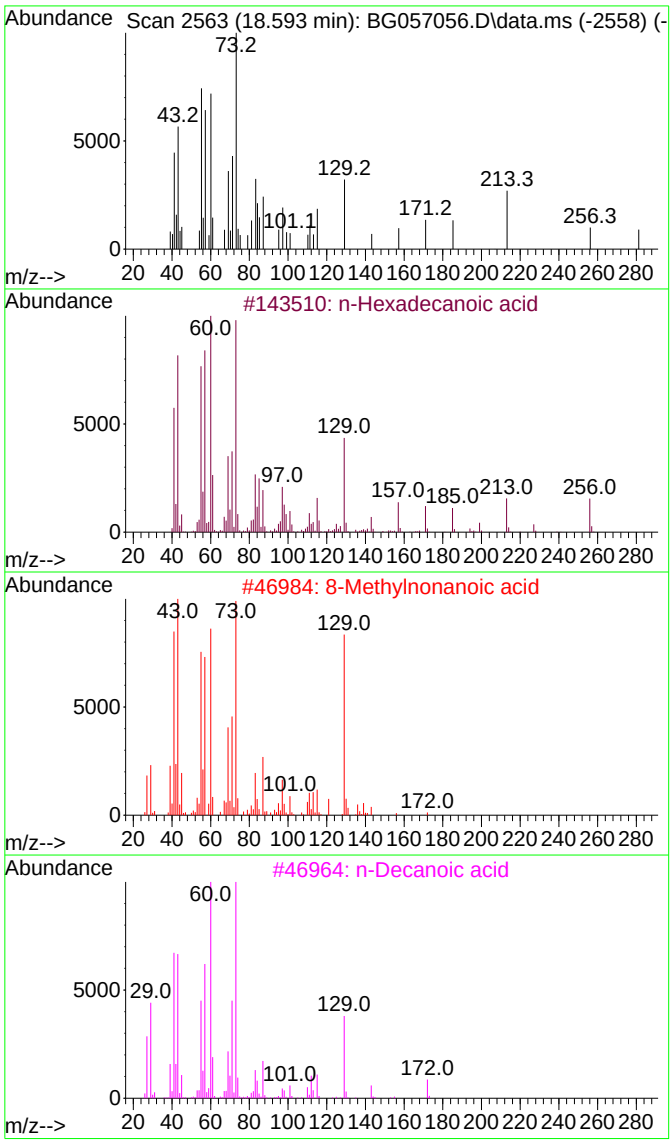
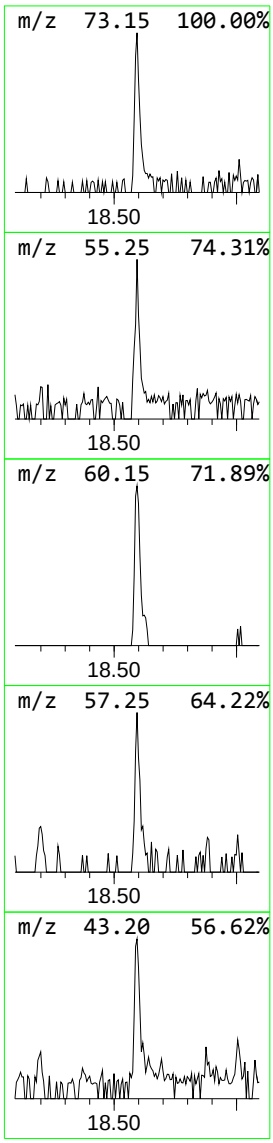
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.593	2.89 ng	36384	Phenanthrene-d10	17.759

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	5-Methylhexanoic acid	130	C7H14O2	000628-46-6	43





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BNA_G
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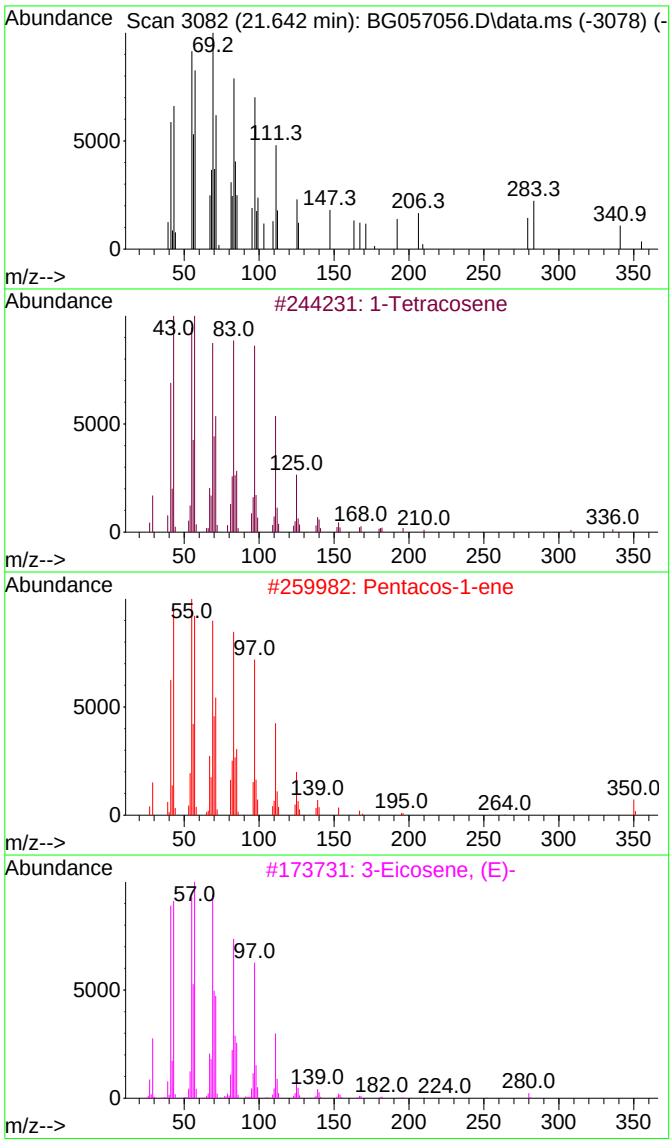
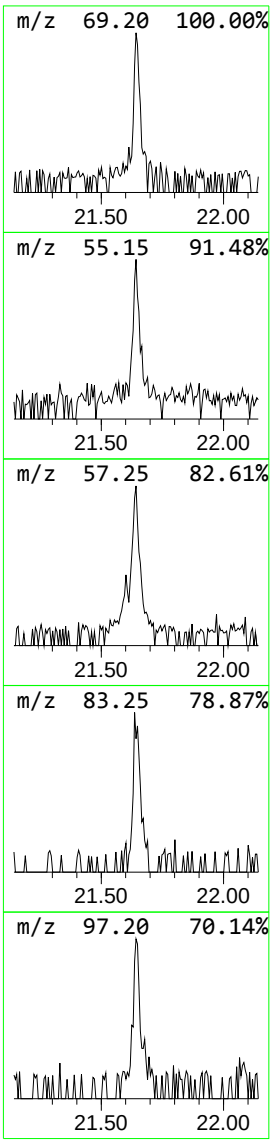
Peak Number 3 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.642	2.39 ng	33033	Chrysene-d12	22.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	76
2	Pentacos-1-ene	350	C25H50	016980-85-1	76
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
5	1-Octadecanol	270	C18H38O	000112-92-5	49





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.355	7.1	ng	70878	3	15.016	199297	20.0
n-Hexadecanoic ...	18.593	2.9	ng	36384	4	17.759	251536	20.0
1-Tetracosene	21.642	2.4	ng	33033	5	22.077	276361	20.0