LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
Data File : BG054245.D
Acq On : 8 Jul 2022 13:53
Operator : CG/JU
Sample : N3617-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-06

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054245.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.636	375	382	391	rBV	136160	238020	11.17%	3.296%
2	7.228	646	653	663	rBV	122021	221388	10.39%	3.066%
3	8.062	789	795	802	rBV	54074	91823	4.31%	1.271%
4	9.226	978	993	1003	rBV	203585	381181	17.89%	5.278%
5	10.871	1265	1273	1280	rBV	73000	137192	6.44%	1.900%
6	13.315	1681	1689	1696	rBV	662291	1097235	51.51%	15.194%
7	14.690	1916	1923	1932	rVB	142927	238601	11.20%	3.304%
8	16.176	2169	2176	2186	rBV2	704588	1140460	53.54%	15.792%
9	17.434	2383	2390	2396	rVB	213074	348277	16.35%	4.823%
10	18.321	2537	2541	2550	rBV3	47640	90633	4.25%	1.255%
11	19.590	2753	2757	2769	rBV5	25949	54707	2.57%	0.758%
12	20.042	2828	2834	2841	rVB	1520368	2130261	100.00%	29.498%
13	20.818	2962	2966	2974	rVB8	17401	28996	1.36%	0.402%
14	21.341	3050	3055	3063	rBV2	34948	66312	3.11%	0.918%
15	21.711	3111	3118	3125	rVB	274449	477607	22.42%	6.613%
16	24.960	3661	3671	3686	rVB2	160492	479006	22.49%	6.633%

Sum of corrected areas: 7221699

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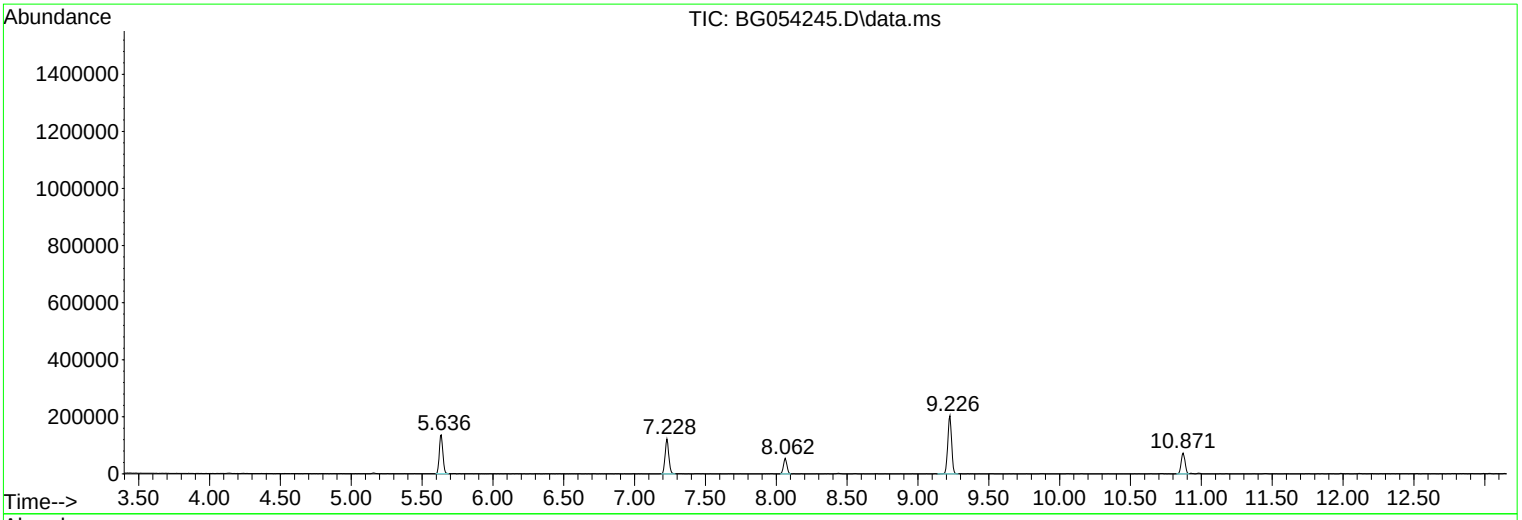
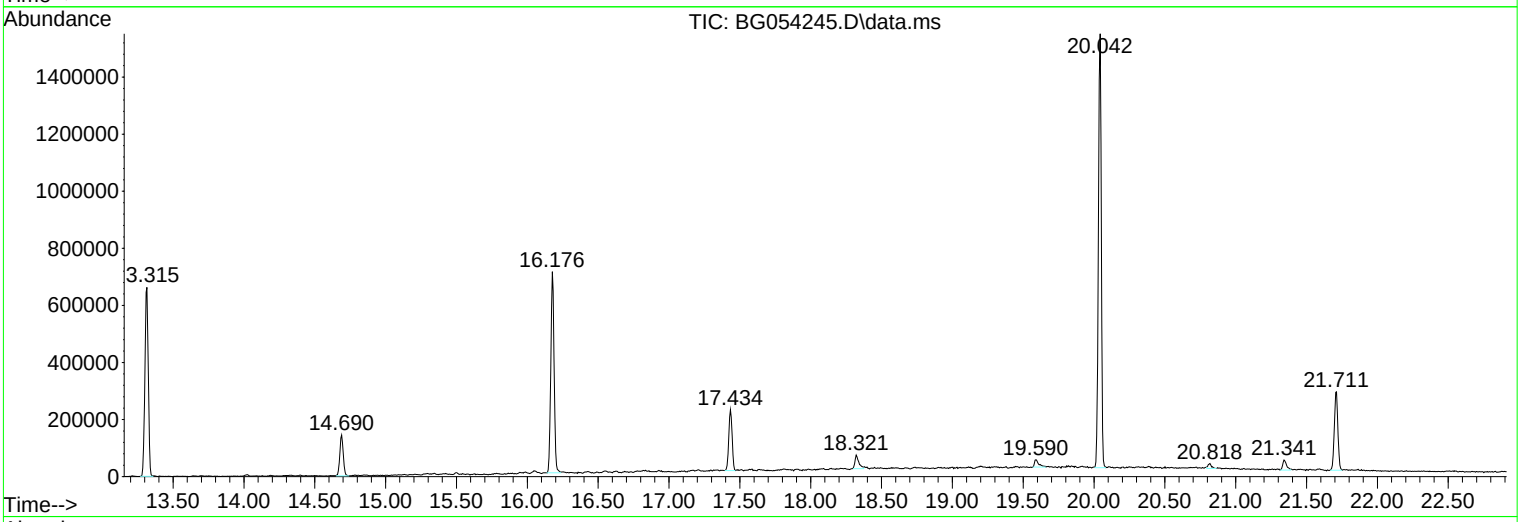
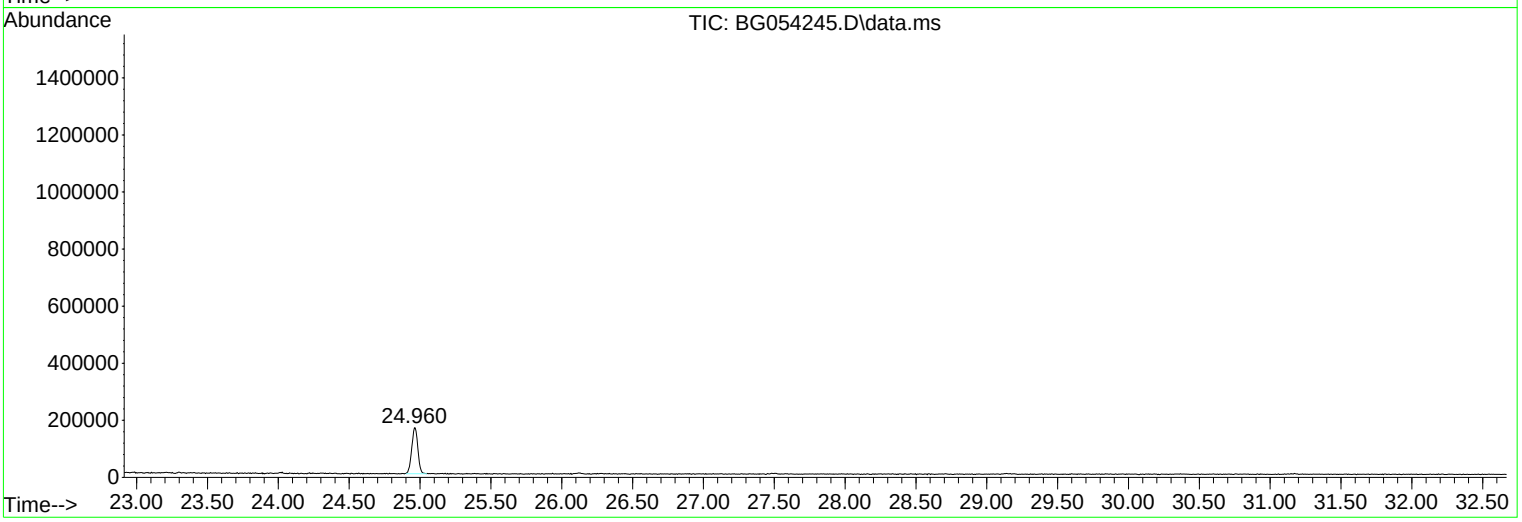
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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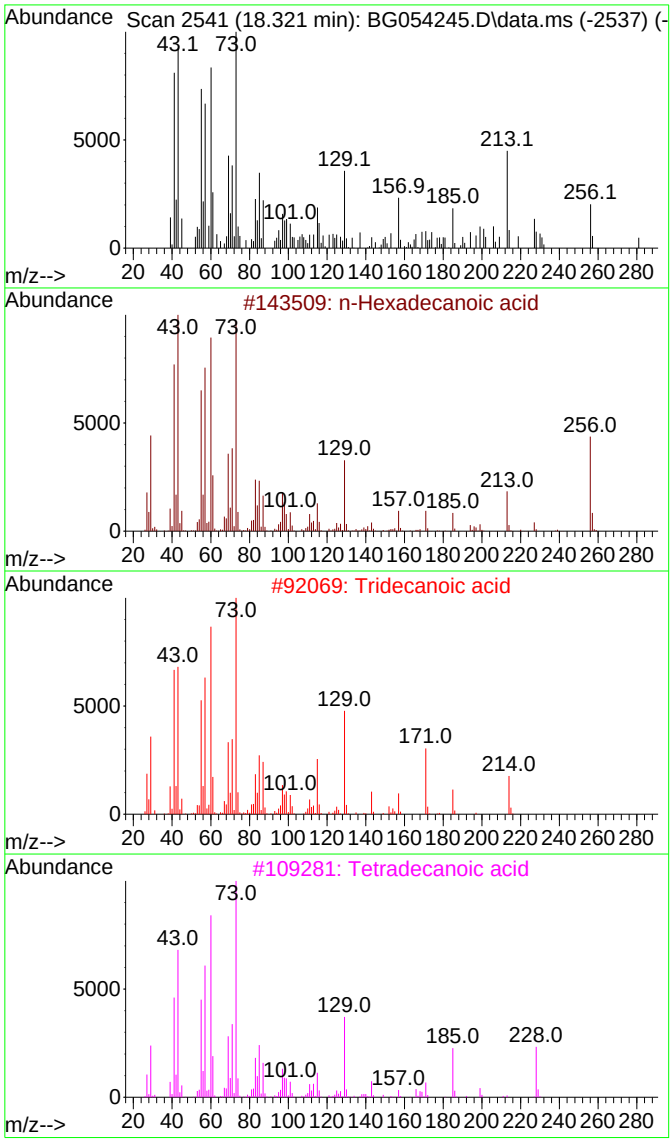
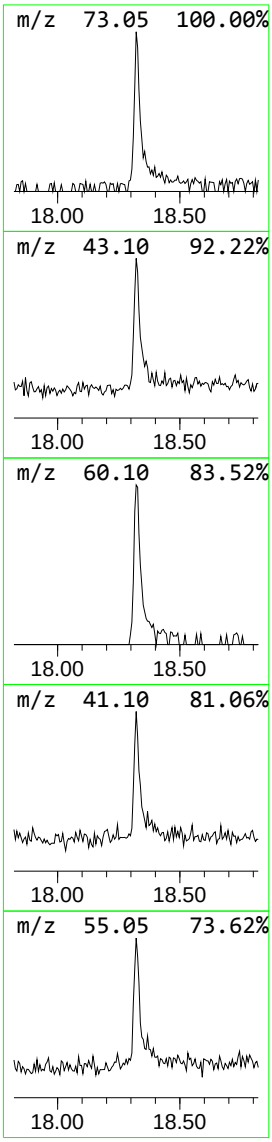
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	5.20 ng	90633	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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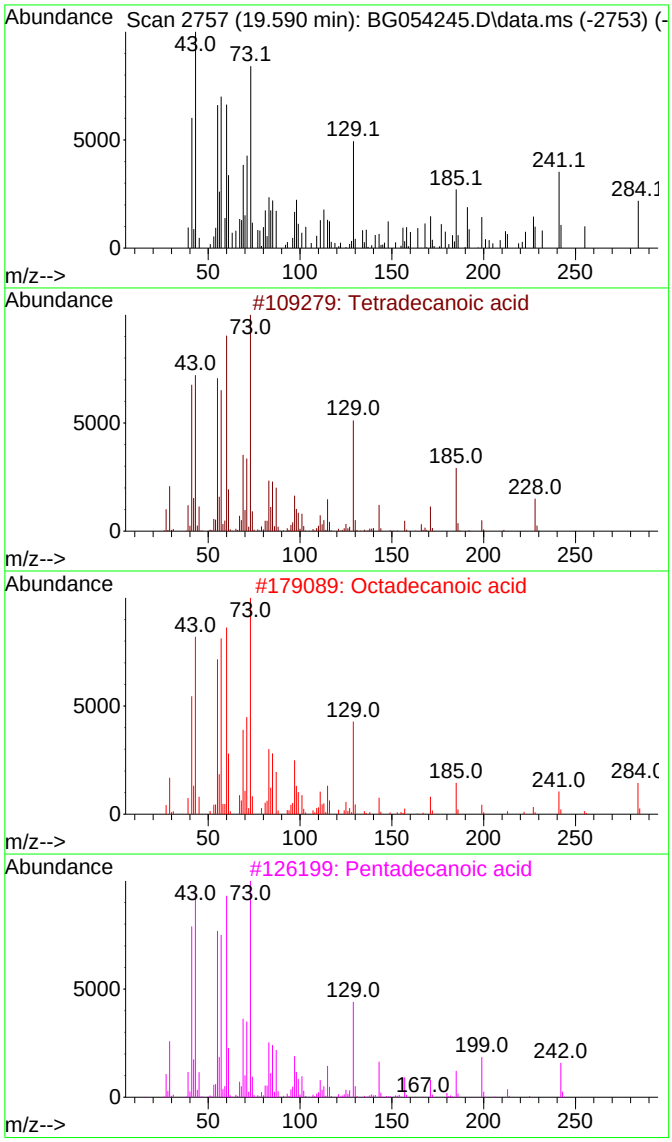
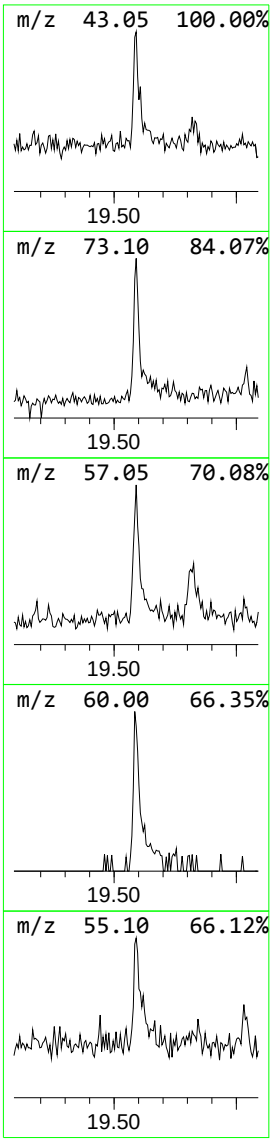
Peak Number 2 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.590	2.29 ng	54707	Chrysene-d12	21.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





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BNA_G
ClientSampleId :
MW-06

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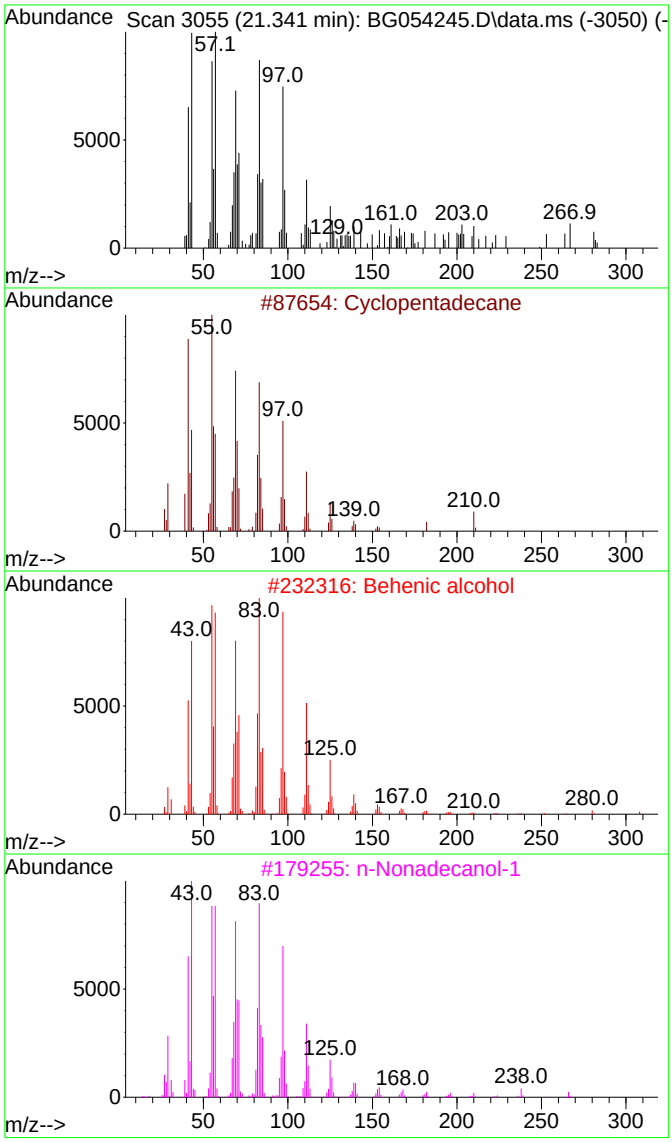
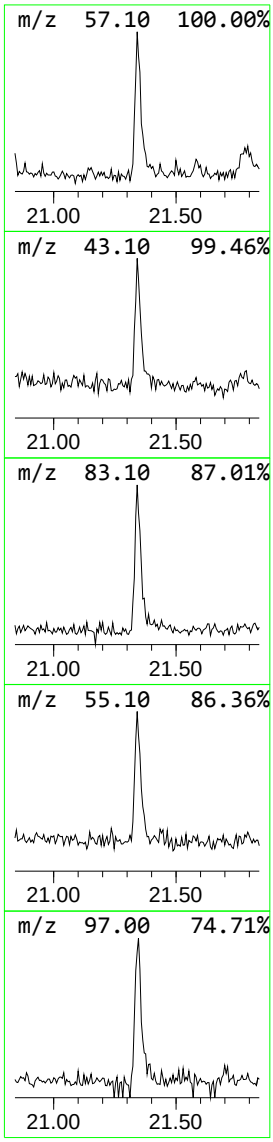
Peak Number 3 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.341	2.78 ng	66312	Chrysene-d12	21.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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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 ...	18.321	5.2	ng	90633	4	17.434	348277	20.0
Tetradecanoic acid	19.590	2.3	ng	54707	5	21.711	477607	20.0
Cyclopentadecane	21.341	2.8	ng	66312	5	21.711	477607	20.0