LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053453.D
Acq On : 5 May 2022 16:39
Operator : CG/JU
Sample : N2677-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2,7

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.654	380	386	399	rBV	408643	680542	31.08%	7.848%
2	7.252	651	658	669	rBV	436722	767247	35.04%	8.848%
3	8.086	793	800	807	rBV	83817	152506	6.97%	1.759%
4	9.249	991	998	1010	rBV	270170	495089	22.61%	5.709%
5	10.900	1270	1279	1289	rBV	113521	202990	9.27%	2.341%
6	13.338	1687	1694	1704	rBV	740789	1136994	51.93%	13.112%
7	14.713	1922	1928	1936	rBV	192340	305991	13.98%	3.529%
8	16.199	2174	2181	2199	rBV	633055	1008697	46.07%	11.632%
9	17.456	2389	2395	2405	rBV	277992	429143	19.60%	4.949%
10	18.108	2502	2506	2514	rVB2	22363	26486	1.21%	0.305%
11	18.343	2543	2546	2562	rBV4	21833	49633	2.27%	0.572%
12	19.271	2700	2704	2709	rVB2	48817	56700	2.59%	0.654%
13	20.058	2832	2838	2844	rVB	1643018	2189520	100.00%	25.250%
14	21.357	3054	3059	3068	rBV2	49512	94557	4.32%	1.090%
15	21.738	3117	3124	3133	rBV2	319453	542390	24.77%	6.255%
16	25.016	3672	3682	3695	rVB	184473	532982	24.34%	6.146%

Sum of corrected areas: 8671467

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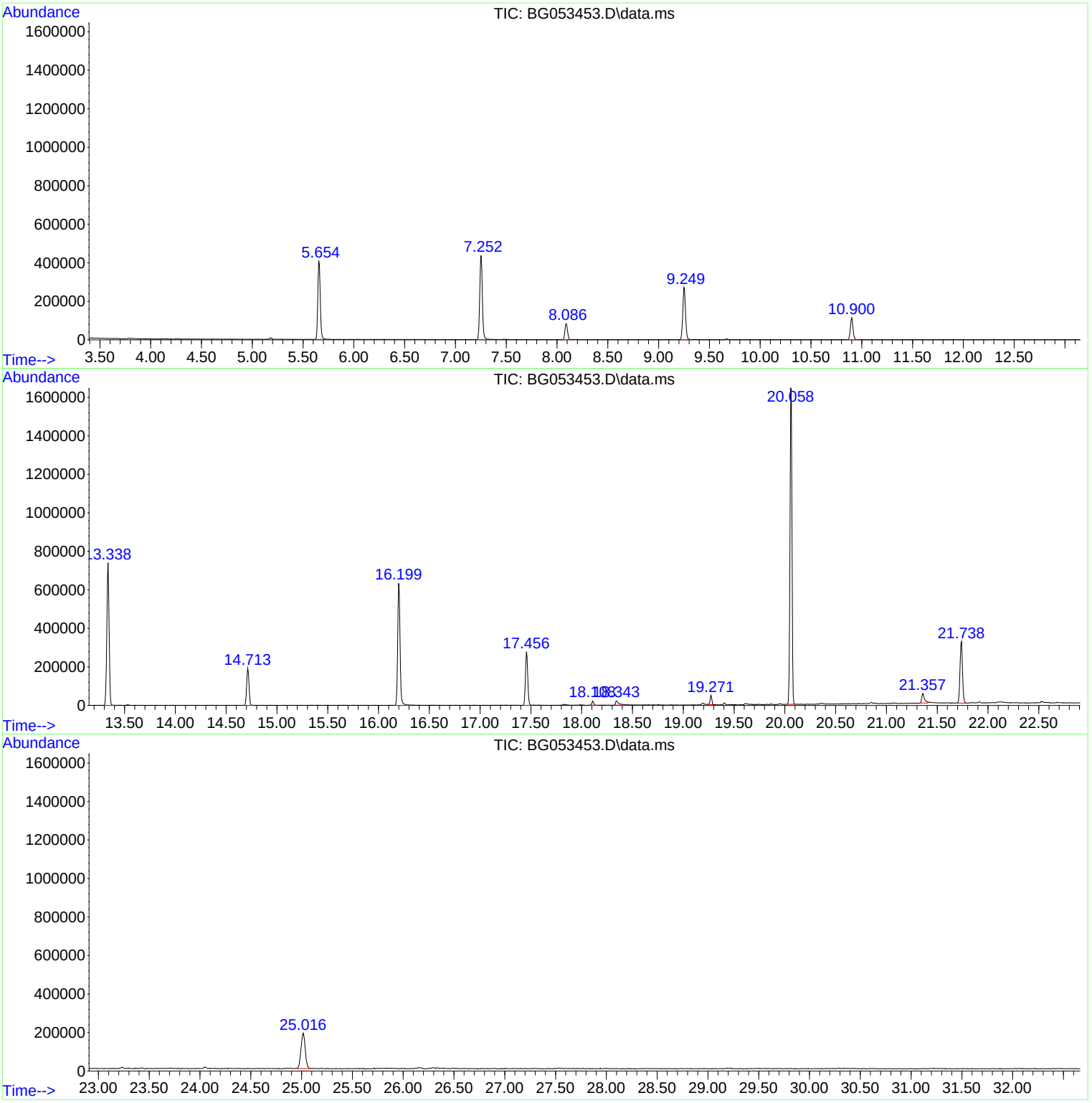
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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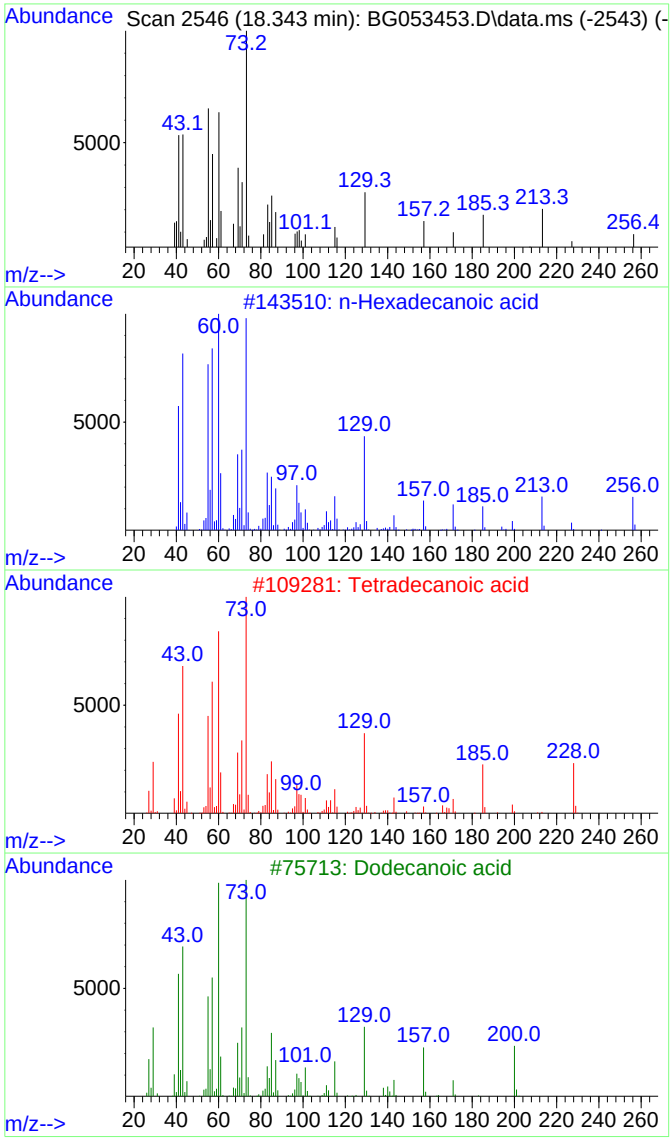
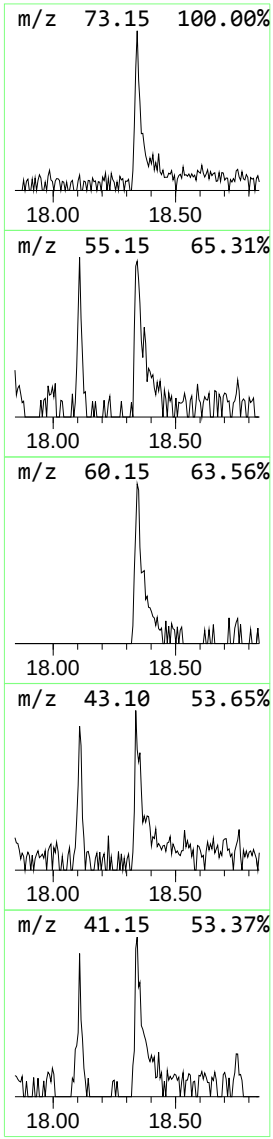
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.343	2.31 ng	49633	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





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TIC Library : C:\Database\NIST20.L
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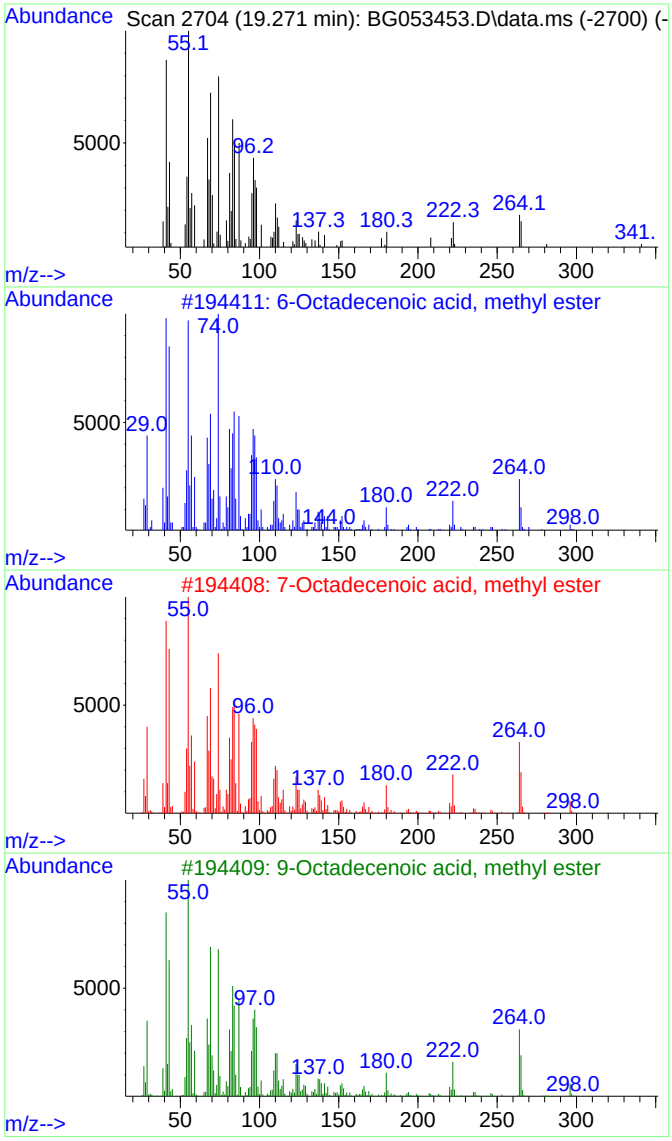
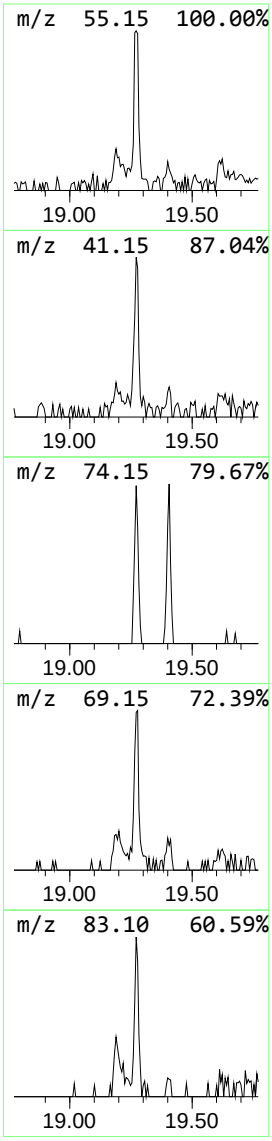
Peak Number 2 6-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.271	2.64 ng	56700	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	94
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	90





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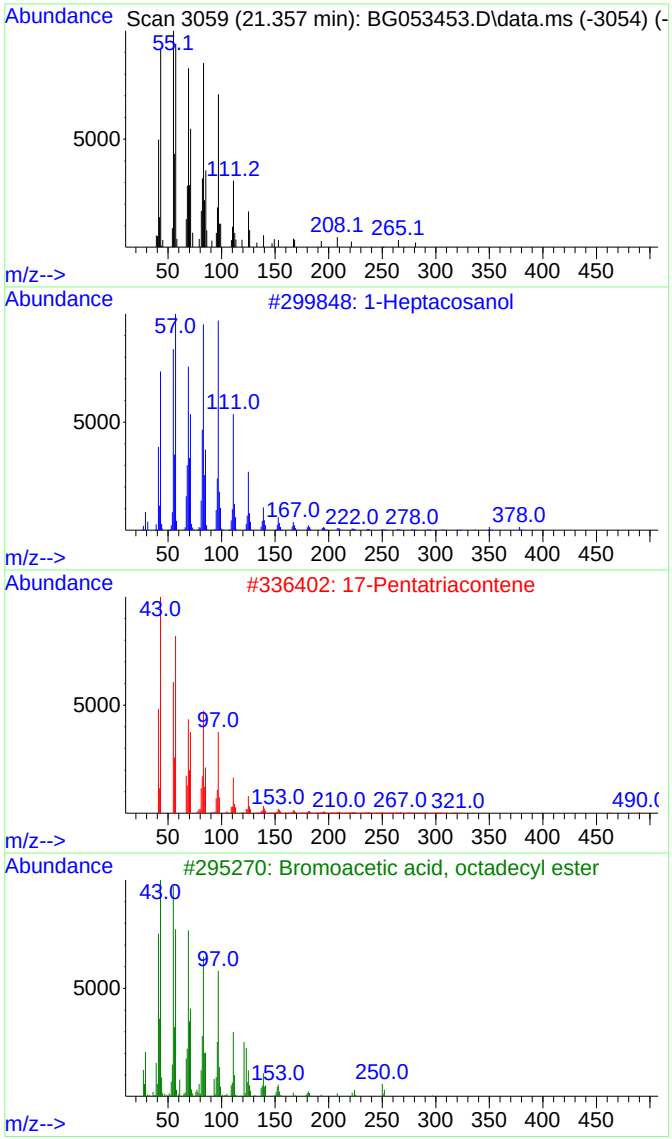
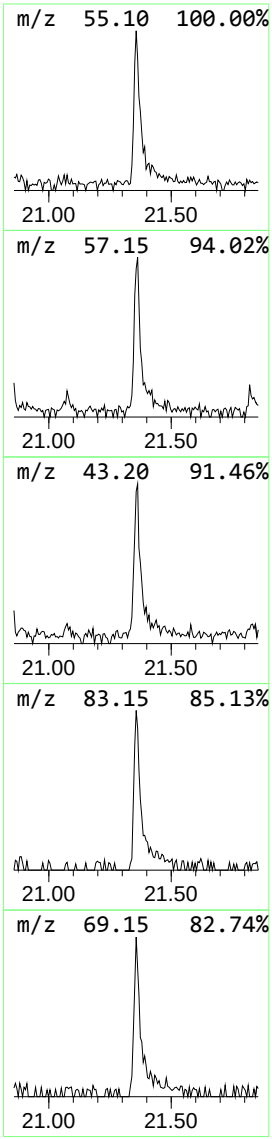
Peak Number 3 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	3.49 ng	94557	Chrysene-d12	21.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.343	2.3	ng	49633	4	17.456	429143	20.0
6-Octadecenoic ...	19.271	2.6	ng	56700	4	17.456	429143	20.0
1-Heptacosanol	21.357	3.5	ng	94557	5	21.738	542390	20.0