LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041907.D
Acq On : 19 Sep 2023 16:31
Operator : MA/JU
Sample : 04356-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DISCHARGE-BAY-STREET-SPRING-STREET

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-BM091823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041907.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.498	386	393	404	rBV	3271160	4708440	19.92%	5.129%
2	6.569	568	575	584	rBV	898921	1308896	5.54%	1.426%
3	7.104	658	666	679	rBV	2104657	3270533	13.84%	3.563%
4	7.963	804	812	822	rBV	1168814	1814333	7.68%	1.977%
5	9.157	1003	1015	1024	rBV	4344387	7095024	30.02%	7.729%
6	10.780	1282	1291	1298	rBV	1562313	2581795	10.92%	2.813%
7	13.227	1700	1707	1714	rBV	10369880	15824187	66.96%	17.239%
8	14.610	1935	1942	1950	rVB	2414668	3477073	14.71%	3.788%
9	16.104	2188	2196	2209	rBV	9012031	13329735	56.40%	14.521%
10	17.362	2403	2410	2416	rBV	3001031	4168289	17.64%	4.541%
11	18.203	2548	2553	2566	rBV	481222	755709	3.20%	0.823%
12	19.974	2848	2854	2859	rBV	17744029	23632289	100.00%	25.745%
13	21.197	3058	3062	3073	rBV	684055	938441	3.97%	1.022%
14	21.533	3114	3119	3125	rBV	3479561	4364958	18.47%	4.755%
15	23.950	3523	3530	3540	rVB	2139777	4524431	19.15%	4.929%

Sum of corrected areas: 91794133

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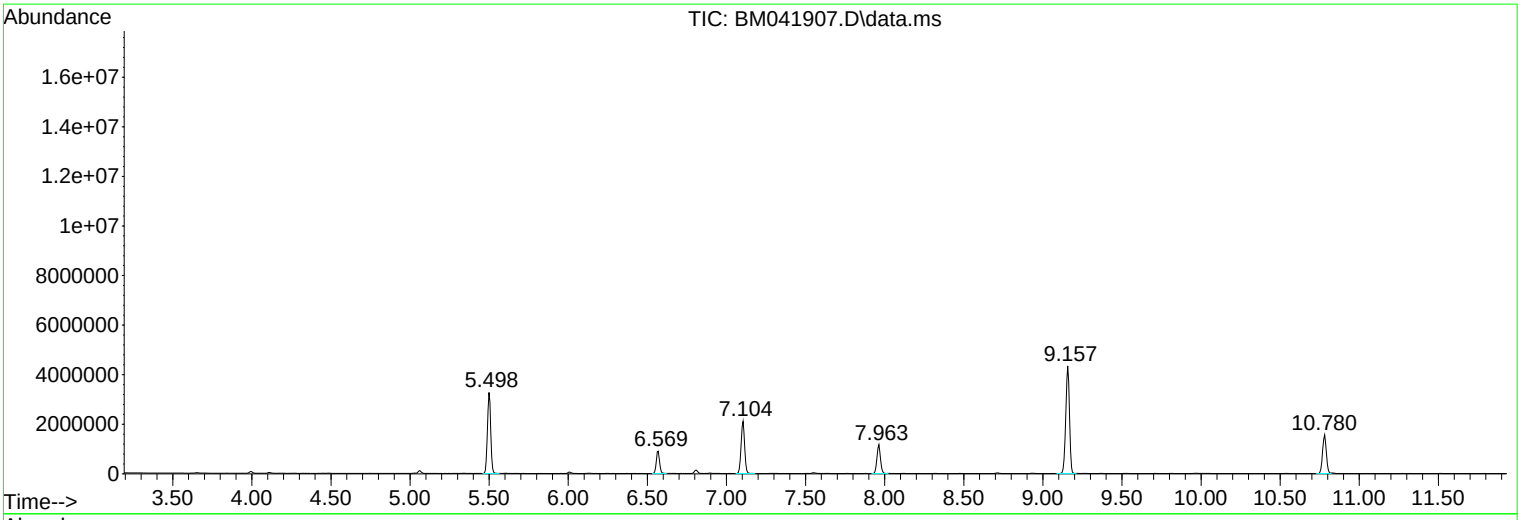
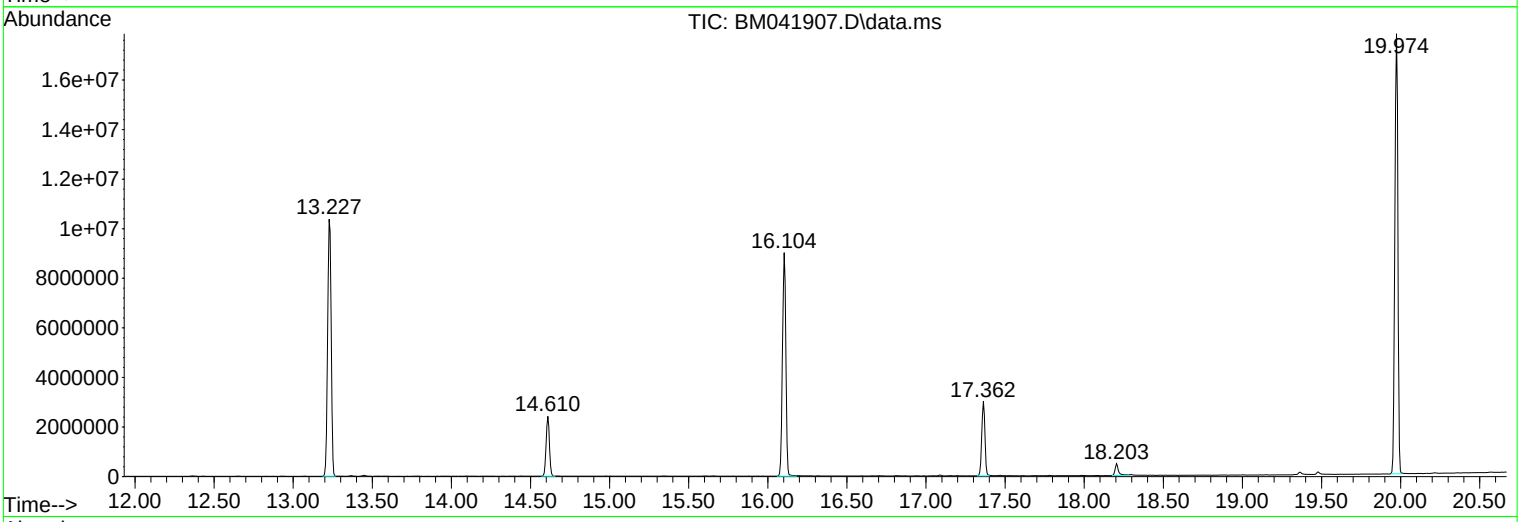
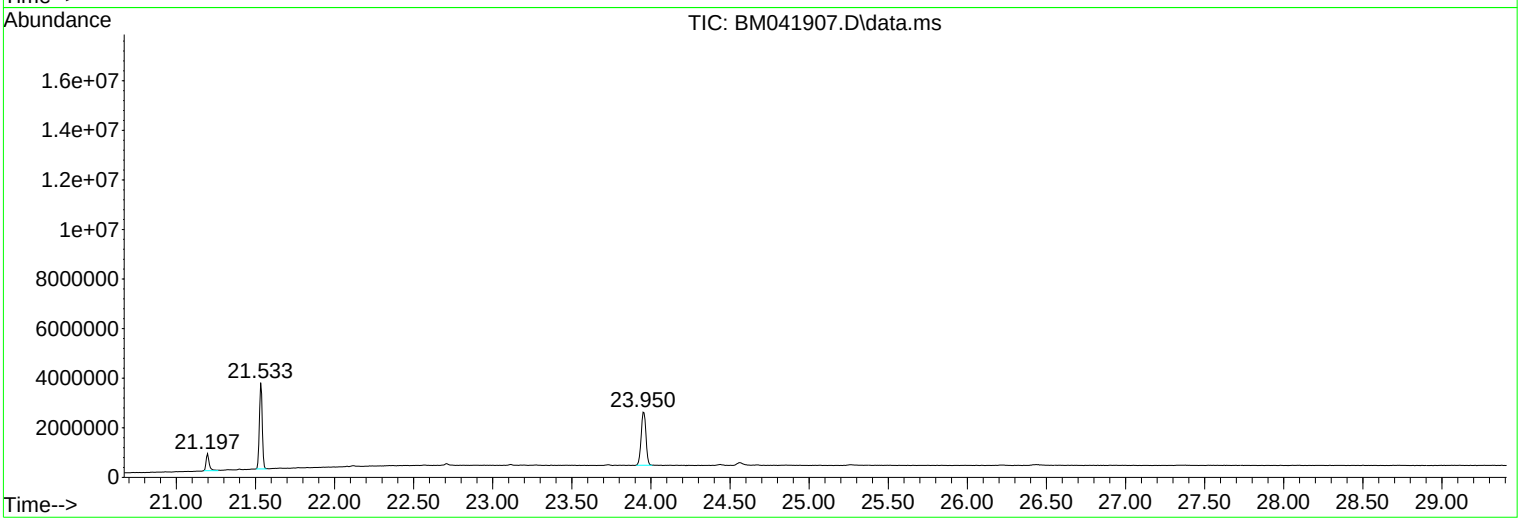
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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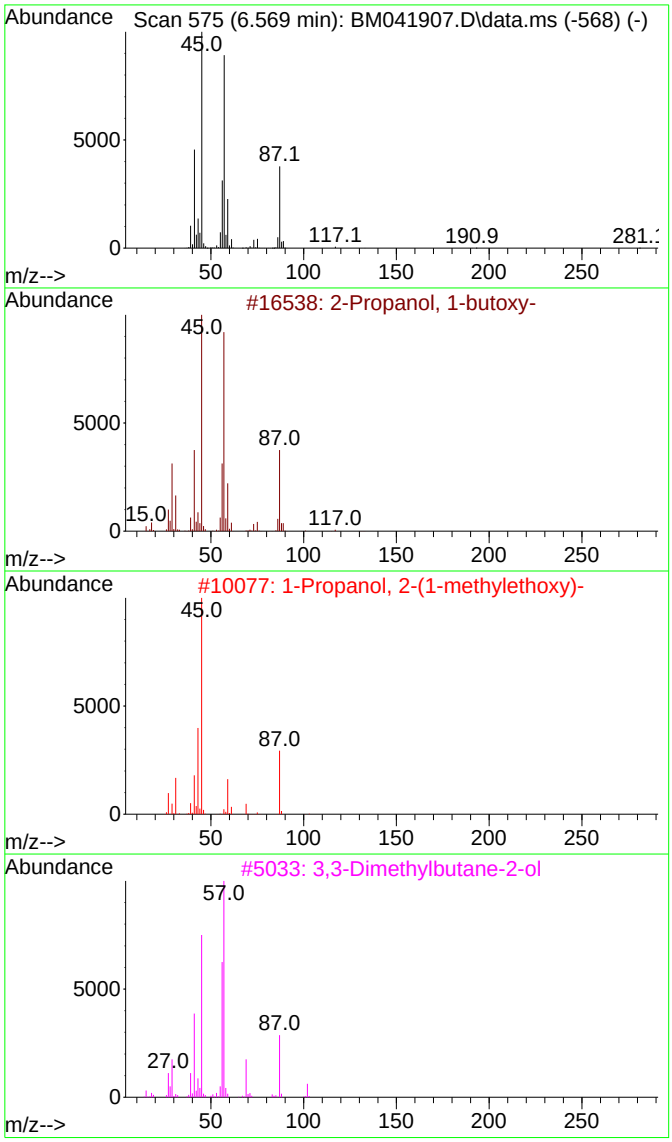
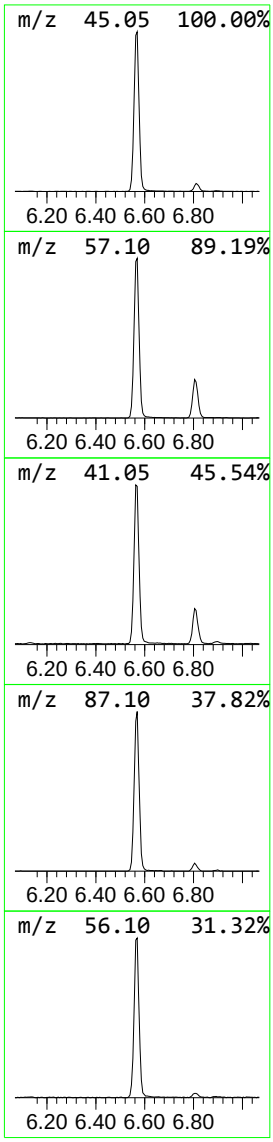
****
Peak Number 1 2-Propanol, 1-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	14.43 ng	1308900	1,4-Dichlorobenzene-d4	7.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	45
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	40





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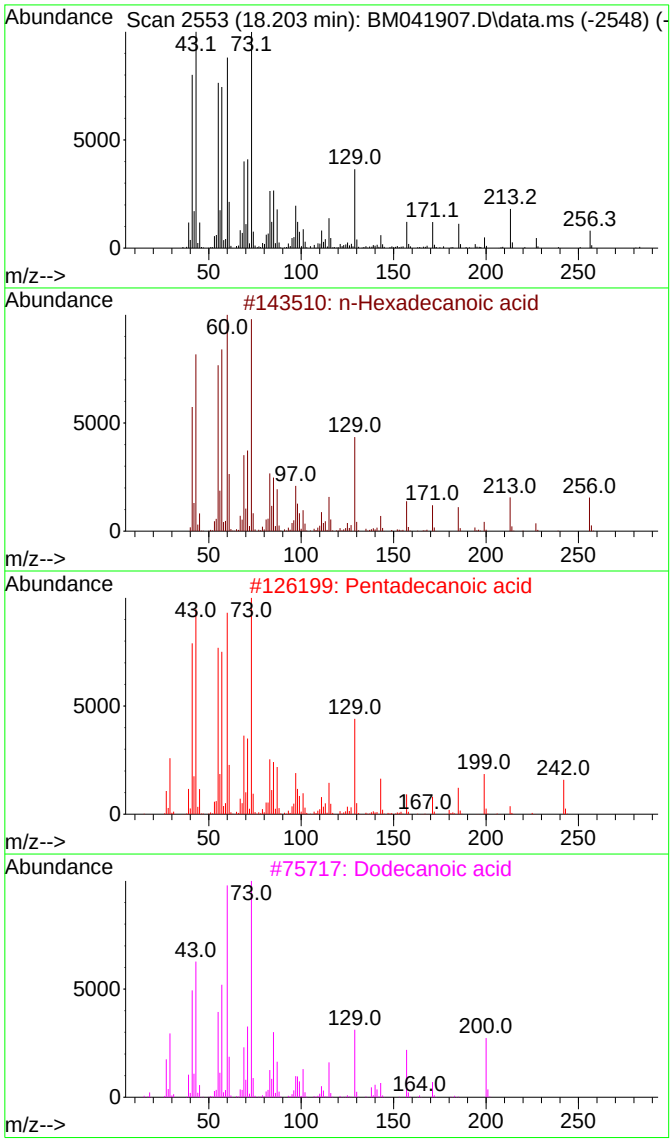
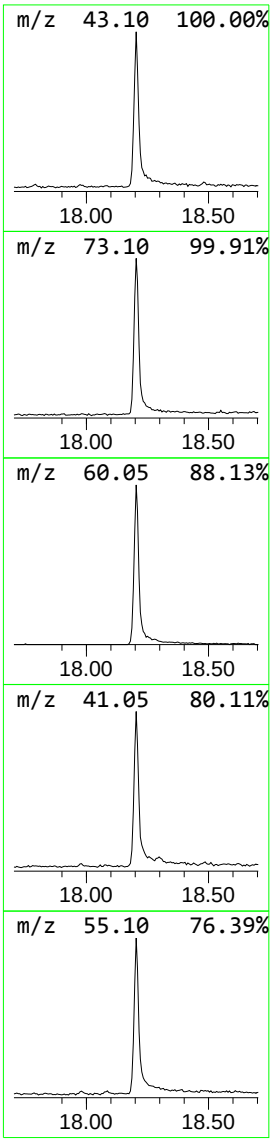
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	3.63 ng	755709	Phenanthrene-d10	17.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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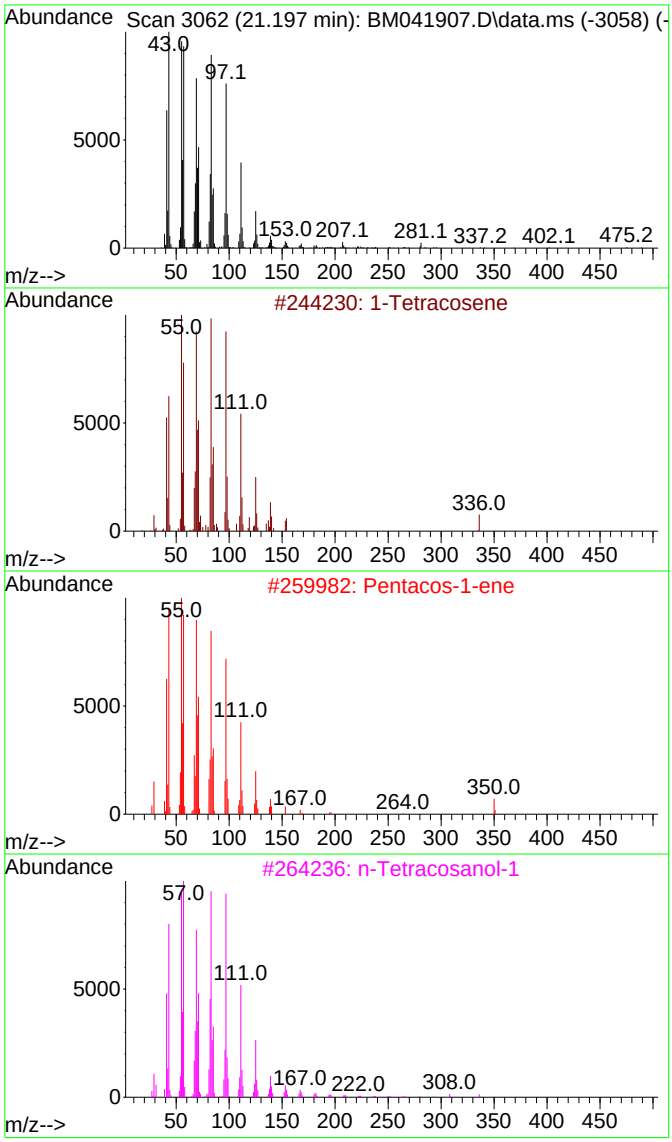
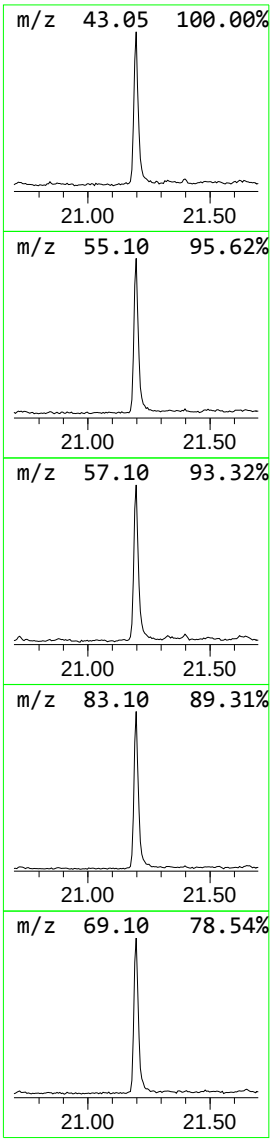
Peak Number 3 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	4.30 ng	938441	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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
2-Propanol, 1-b...	6.569	14.4	ng	1308900	1	7.963	1814330	20.0
n-Hexadecanoic ...	18.203	3.6	ng	755709	4	17.362	4168290	20.0
1-Tetracosene	21.197	4.3	ng	938441	5	21.533	4364960	20.0