LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
Data File : BG054149.D
Acq On : 29 Jun 2022 17:37
Operator : CG/JU
Sample : N3531-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

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: BG054149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.635	375	382	393	rBV	312789	532075	27.73%	7.067%
2	7.228	646	653	665	rBV	315256	570033	29.71%	7.571%
3	8.068	788	796	804	rBV	70544	120700	6.29%	1.603%
4	9.225	985	993	1004	rBV	196933	370327	19.30%	4.919%
5	10.876	1267	1274	1282	rBV	94326	170233	8.87%	2.261%
6	13.321	1682	1690	1699	rBV	580621	976148	50.87%	12.965%
7	14.654	1911	1917	1919	rBV2	28557	42599	2.22%	0.566%
8	14.695	1919	1924	1932	rVB	165257	271056	14.13%	3.600%
9	16.182	2170	2177	2188	rBV	548060	898764	46.84%	11.938%
10	17.439	2384	2391	2401	rVB	245681	380648	19.84%	5.056%
11	18.097	2499	2503	2509	rVB2	17858	22822	1.19%	0.303%
12	18.321	2537	2541	2552	rBV	49077	91713	4.78%	1.218%
13	19.596	2751	2758	2767	rBV5	29973	63834	3.33%	0.848%
14	20.048	2828	2835	2842	rBV	1355154	1918883	100.00%	25.487%
15	21.346	3051	3056	3064	rBV3	49571	88972	4.64%	1.182%
16	21.711	3112	3118	3125	rVB	283731	482425	25.14%	6.408%
17	24.966	3662	3672	3685	rVB3	165872	527617	27.50%	7.008%

Sum of corrected areas: 7528849

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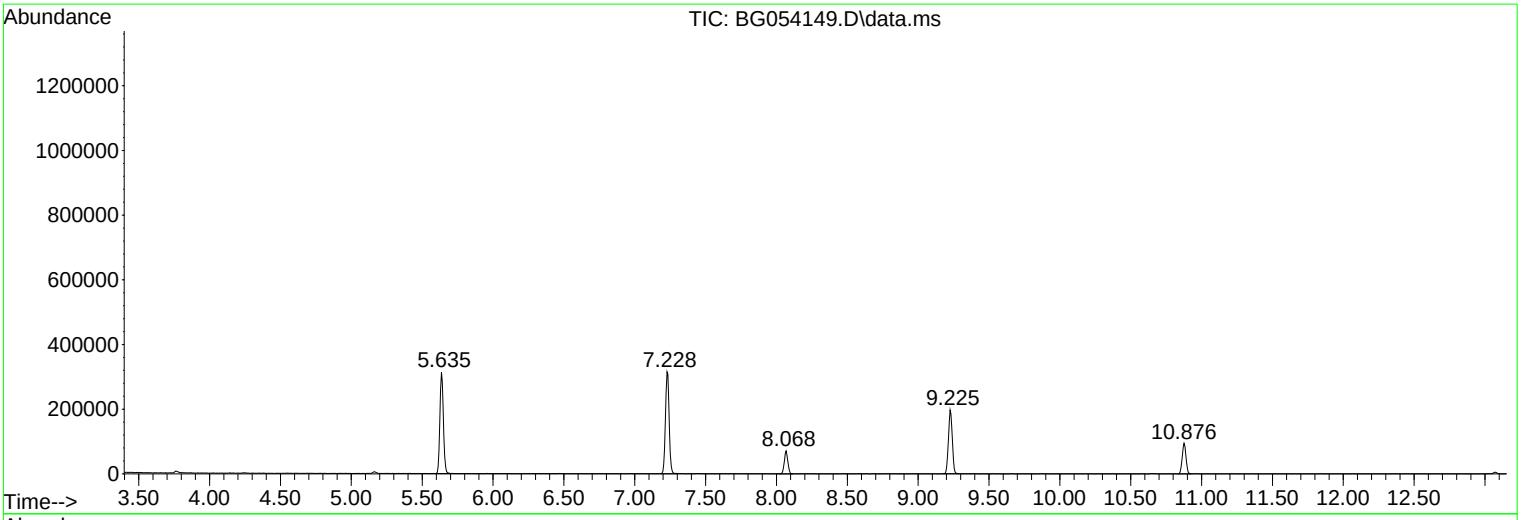
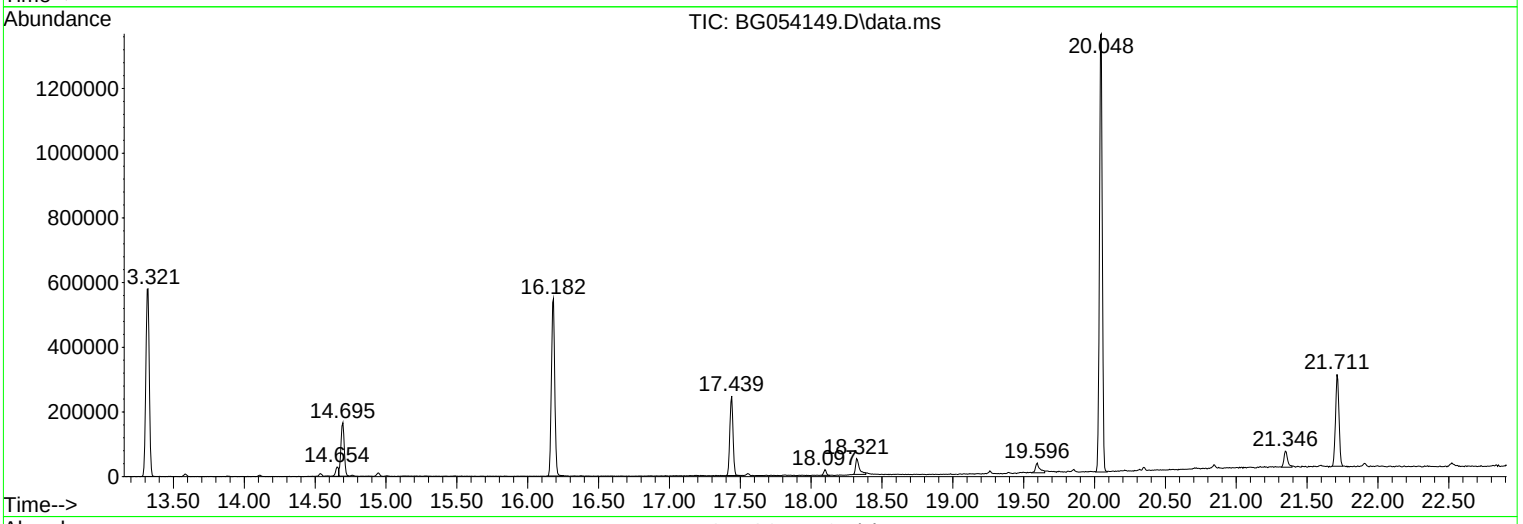
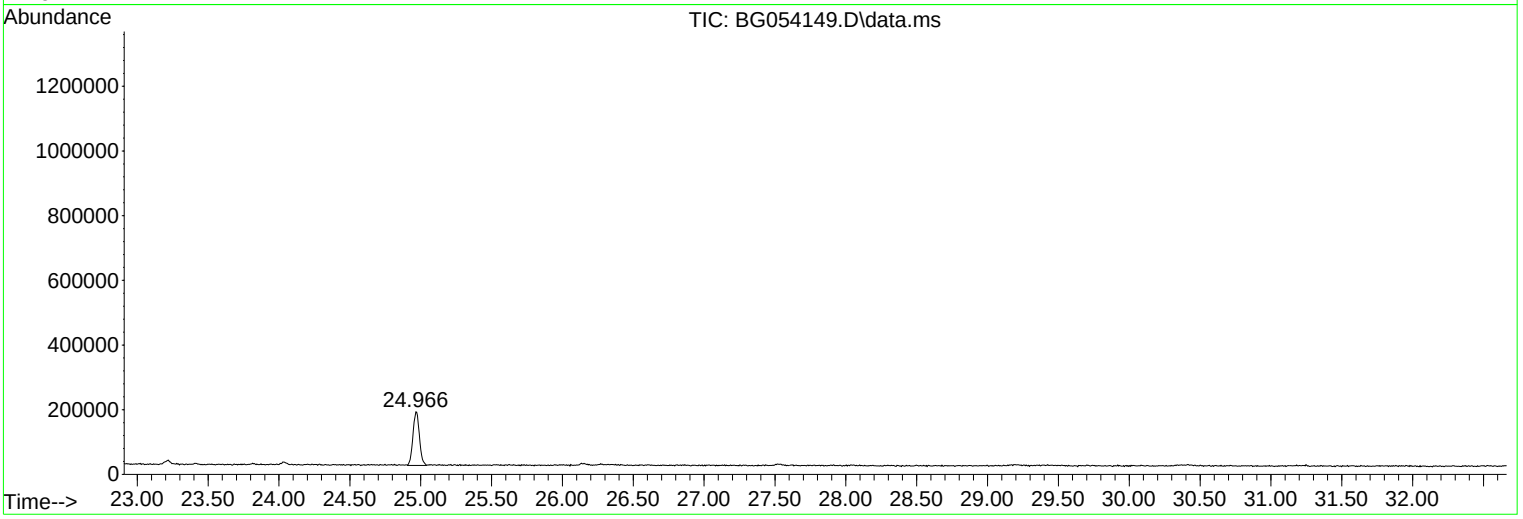
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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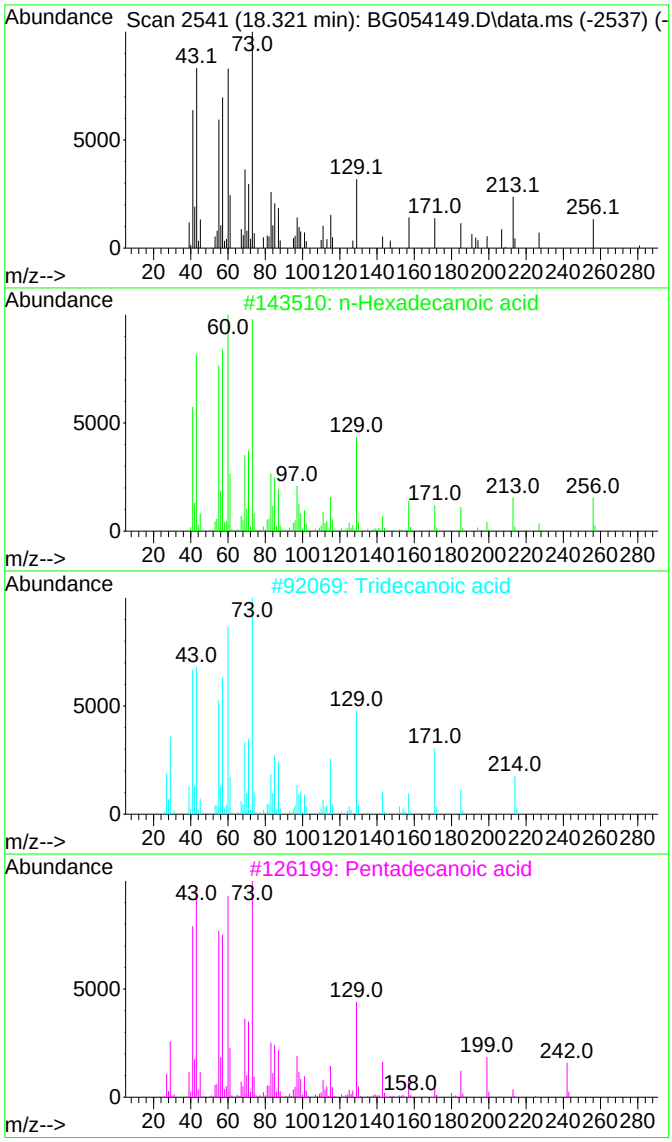
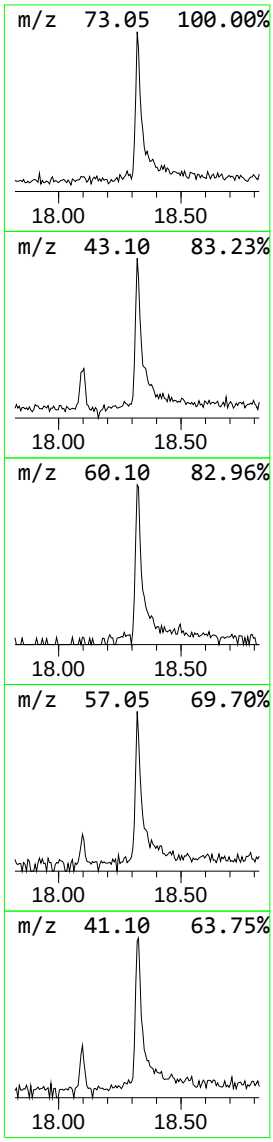
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	4.82 ng	91713	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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BNA_G
ClientSampleId :
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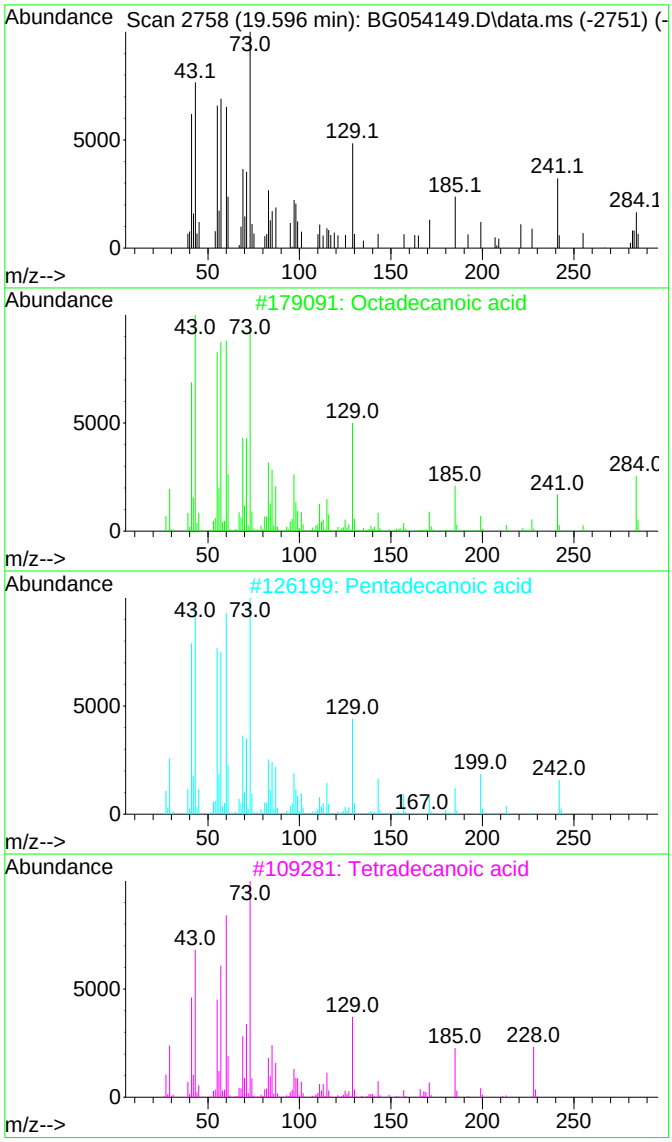
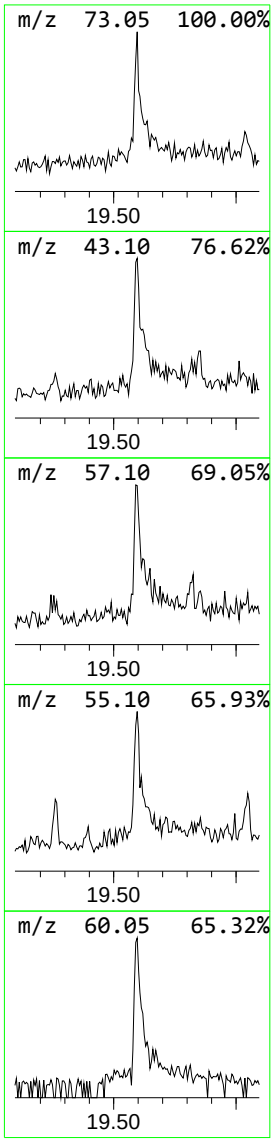
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.596	2.65 ng	63834	Chrysene-d12	21.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-1

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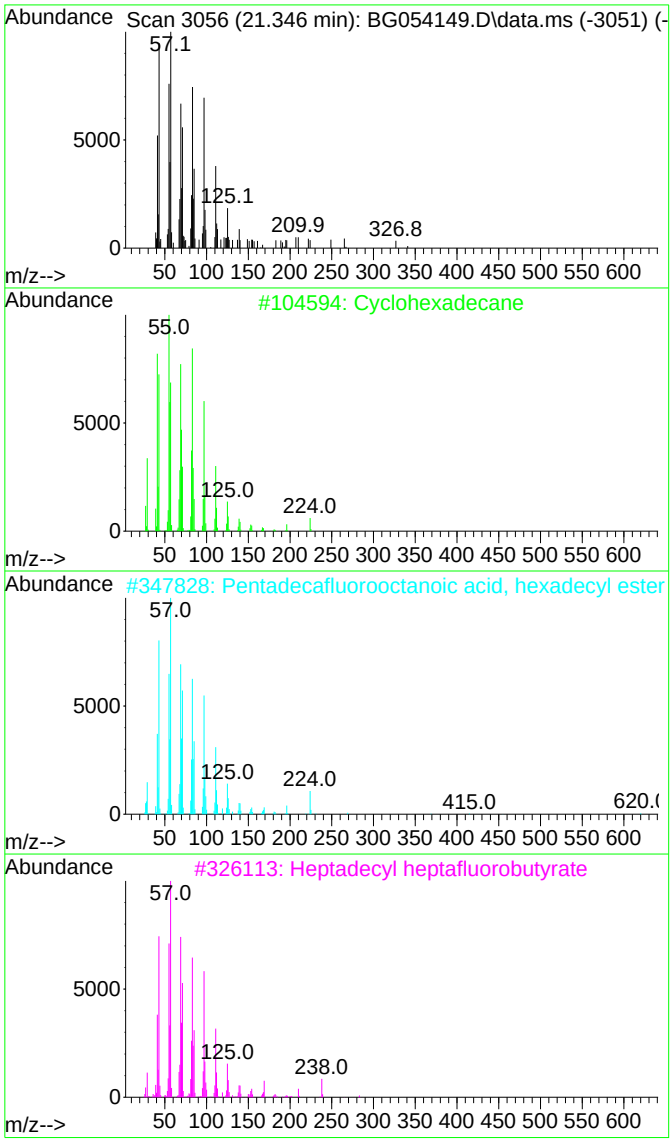
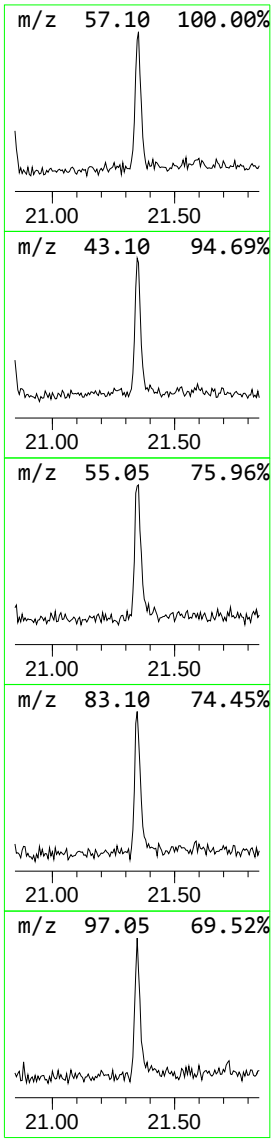
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.346	3.69 ng	88972	Chrysene-d12	21.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Tentatively Identified Compound (LSC) summary

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

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.321	4.8	ng	91713	4	17.439	380648	20.0
Octadecanoic acid	19.596	2.6	ng	63834	5	21.711	482425	20.0
Cyclohexadecane	21.346	3.7	ng	88972	5	21.711	482425	20.0