LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050718.D
Acq On : 25 Oct 2021 20:07
Operator : CG/JU
Sample : M4290-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TH-BS

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.315	303	311	317	rBV3	10202	18815	1.02%	0.177%
2	5.791	384	392	400	rBV	628832	1064889	57.97%	10.017%
3	7.395	657	665	682	rVB	659912	1174386	63.94%	11.047%
4	8.247	804	810	821	rVB	143841	256020	13.94%	2.408%
5	9.422	1001	1010	1019	rBV	412228	752849	40.99%	7.082%
6	10.815	1241	1247	1261	rBV	98904	187837	10.23%	1.767%
7	11.073	1282	1291	1298	rBV	201777	371408	20.22%	3.494%
8	13.494	1695	1703	1710	rVB	894443	1450166	78.95%	13.641%
9	14.869	1930	1937	1944	rBV2	311260	503302	27.40%	4.734%
10	16.349	2182	2189	2199	rBV	693967	1090457	59.37%	10.257%
11	17.613	2397	2404	2410	rBV	385559	590775	32.16%	5.557%
12	18.241	2507	2511	2516	rBV2	16283	22314	1.21%	0.210%
13	18.465	2544	2549	2555	rBV4	39286	66380	3.61%	0.624%
14	19.652	2747	2751	2757	rVB	37283	54252	2.95%	0.510%
15	20.016	2809	2813	2819	rVB	39188	57366	3.12%	0.540%
16	20.198	2838	2844	2850	rBV	1364613	1836827	100.00%	17.278%
17	21.508	3064	3067	3075	rVB3	41538	70462	3.84%	0.663%
18	21.914	3130	3136	3142	rVB2	305802	527281	28.71%	4.960%
19	25.327	3709	3717	3728	rVB2	182730	535154	29.13%	5.034%

Sum of corrected areas: 10630940

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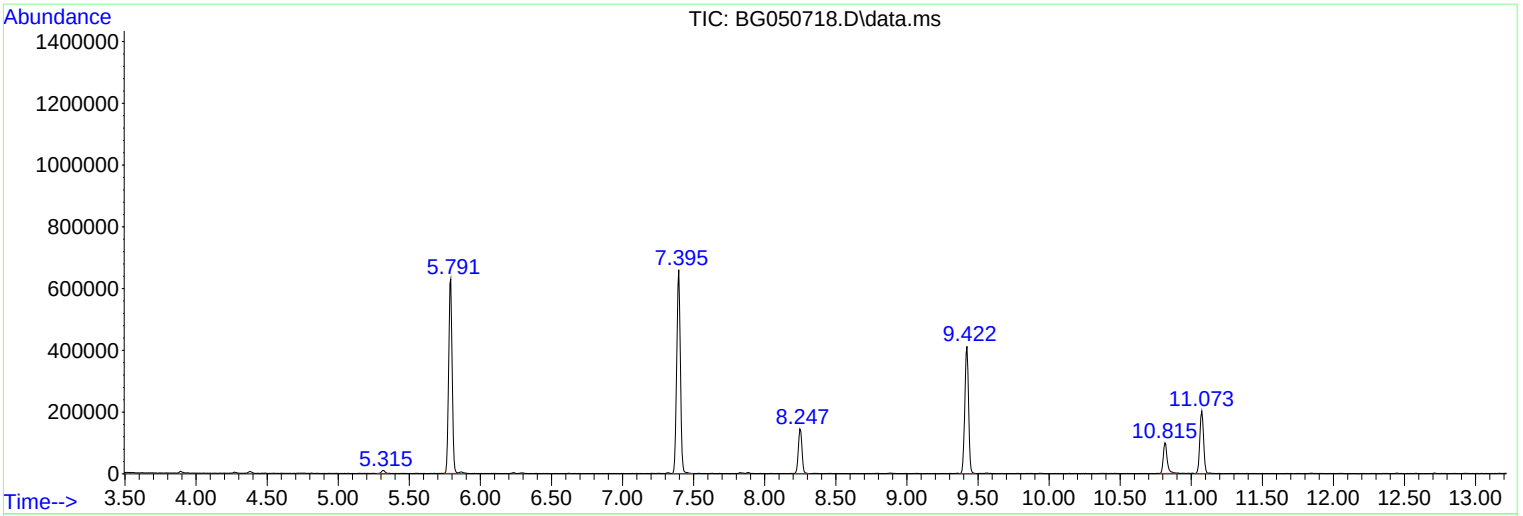
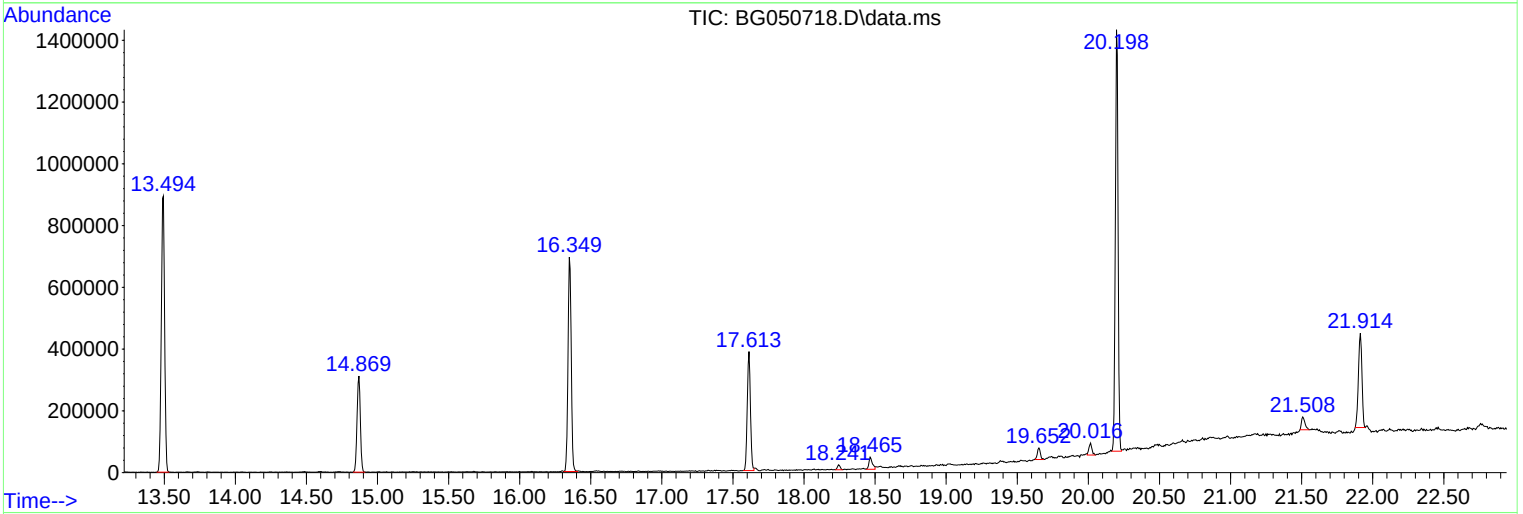
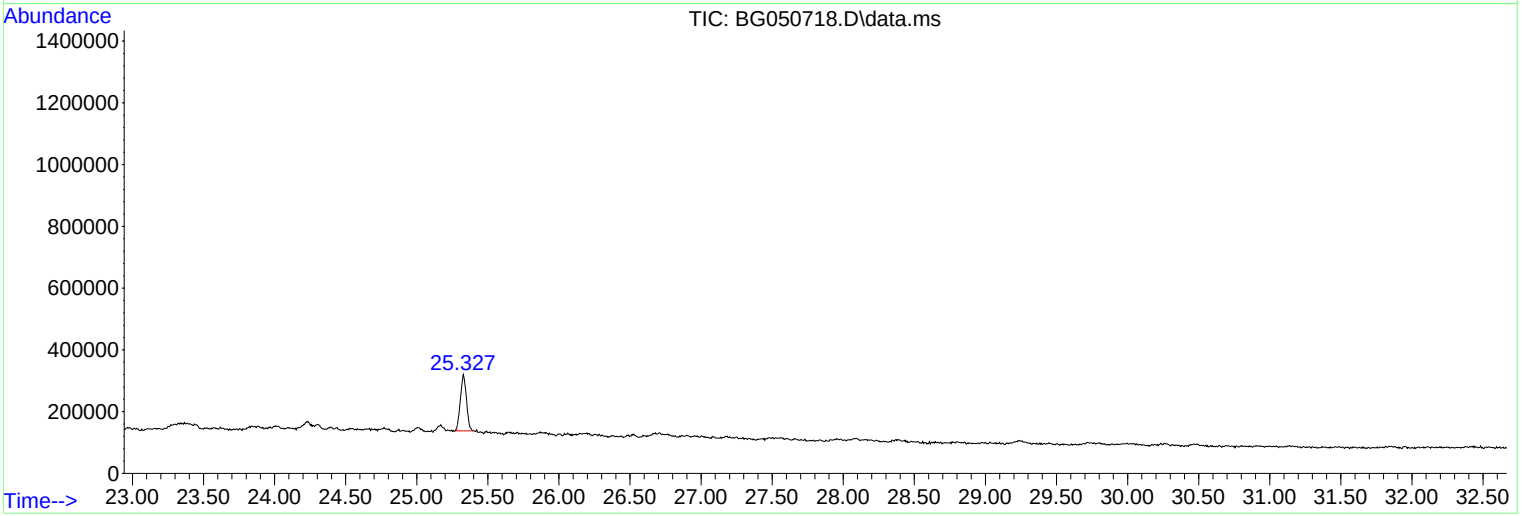
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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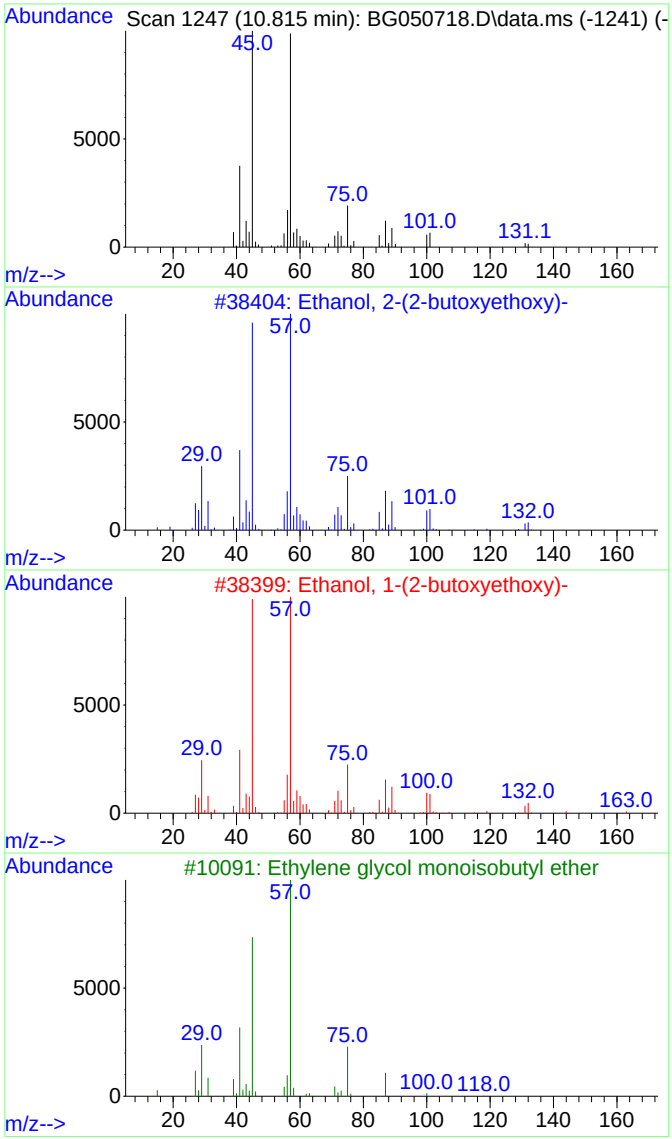
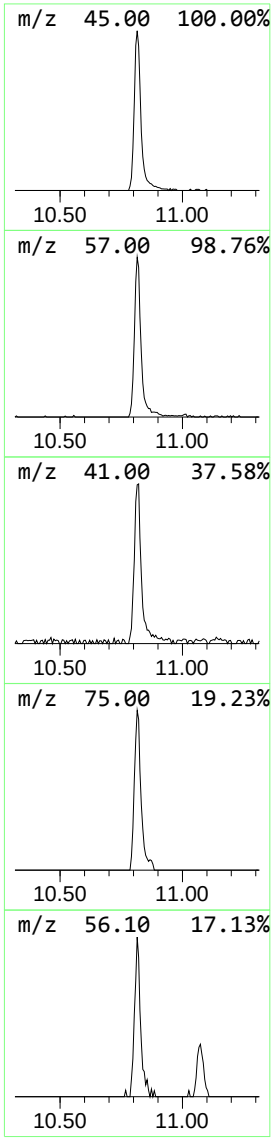
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.815	10.11 ng	187837	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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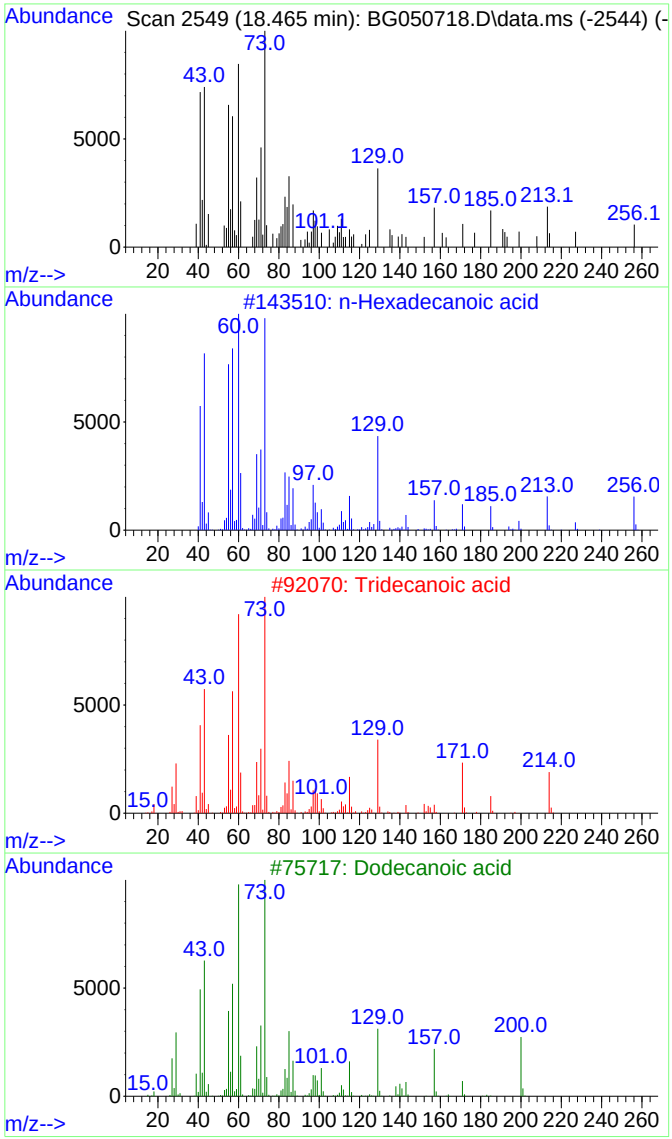
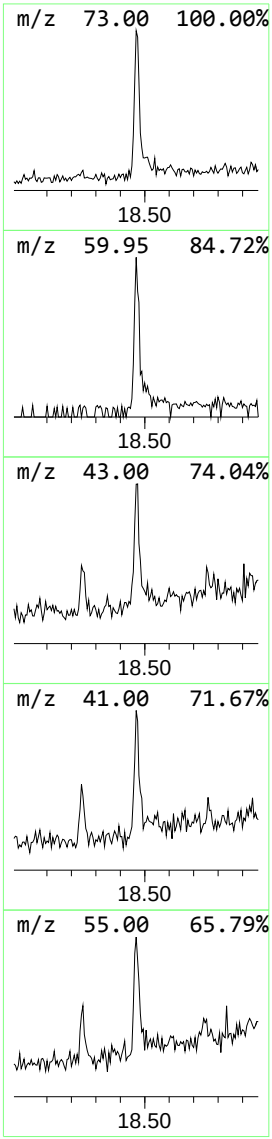
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.465	2.25 ng	66380	Phenanthrene-d10	17.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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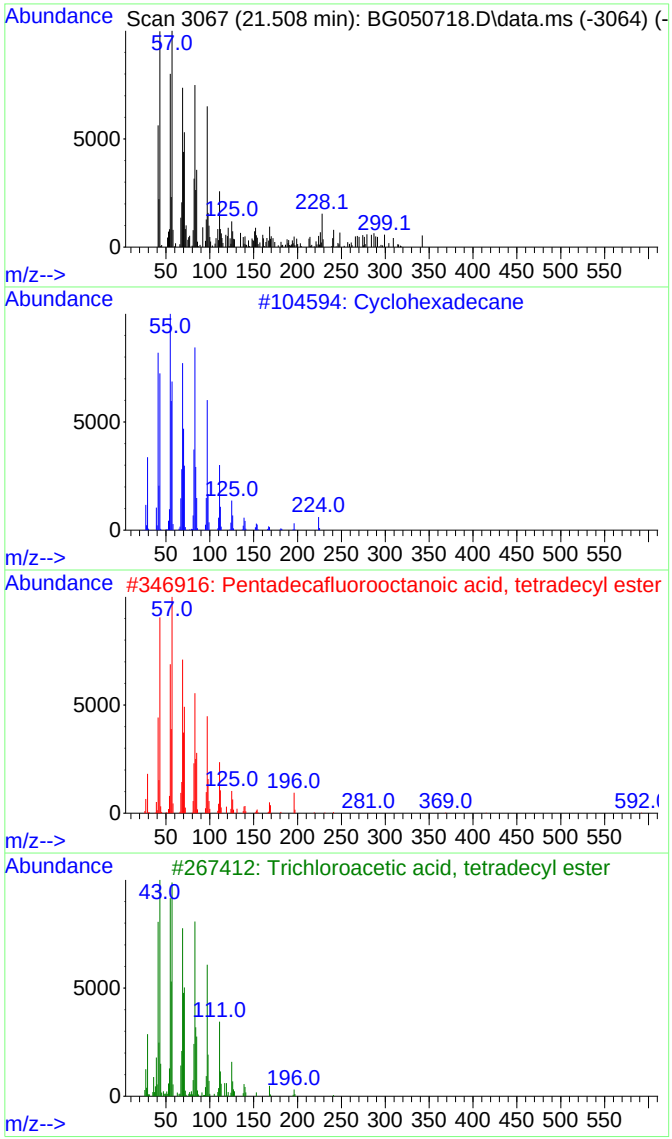
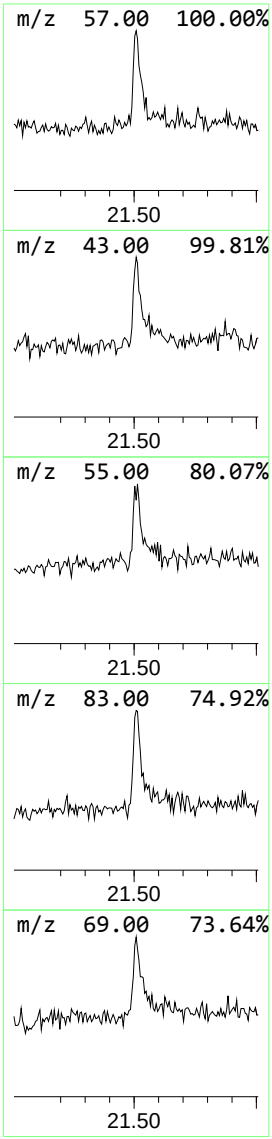
Peak Number 4 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.508	2.67 ng	70462	Chrysene-d12	21.914

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Pentadecafluorooctanoic acid, te...	610	C22H29F15O2	1000406-04-4	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
4	Cyclotetradecane	196	C14H28	000295-17-0	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.815	10.1	ng	187837	2	11.073	371408	20.0
n-Hexadecanoic ...	18.465	2.3	ng	66380	4	17.613	590775	20.0
Cyclohexadecane	21.508	2.7	ng	70462	5	21.914	527281	20.0