LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047967.D
Acq On : 22 Jan 2021 00:06
Operator : CG/JU
Sample : M1191-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0040-042-COMP-B

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-BG012121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.700	395	402	412	rVB	636774	1001729	41.80%	7.953%
2	7.287	664	672	683	rBV	629134	1093694	45.64%	8.683%
3	8.145	809	818	825	rBV	174444	301860	12.60%	2.397%
4	9.308	1006	1016	1029	rBV	383978	672509	28.07%	5.339%
5	10.959	1290	1297	1306	rBV	235534	421901	17.61%	3.350%
6	13.397	1705	1712	1720	rVB	1040879	1559360	65.08%	12.380%
7	14.214	1846	1851	1856	rBV	45671	66823	2.79%	0.531%
8	14.766	1938	1945	1952	rVB2	397050	626365	26.14%	4.973%
9	16.247	2191	2197	2208	rBV	877344	1310097	54.67%	10.401%
10	17.510	2406	2412	2420	rVB	531362	788268	32.90%	6.258%
11	18.391	2557	2562	2573	rBV	156362	228960	9.56%	1.818%
12	19.655	2773	2777	2789	rBV	100847	152535	6.37%	1.211%
13	20.113	2849	2855	2861	rBV	1890202	2396220	100.00%	19.024%
14	21.429	3075	3079	3086	rBV2	132763	204300	8.53%	1.622%
15	21.793	3135	3141	3148	rVB	551061	901714	37.63%	7.159%
16	25.101	3694	3704	3715	rVB2	309697	869510	36.29%	6.903%

Sum of corrected areas: 12595845

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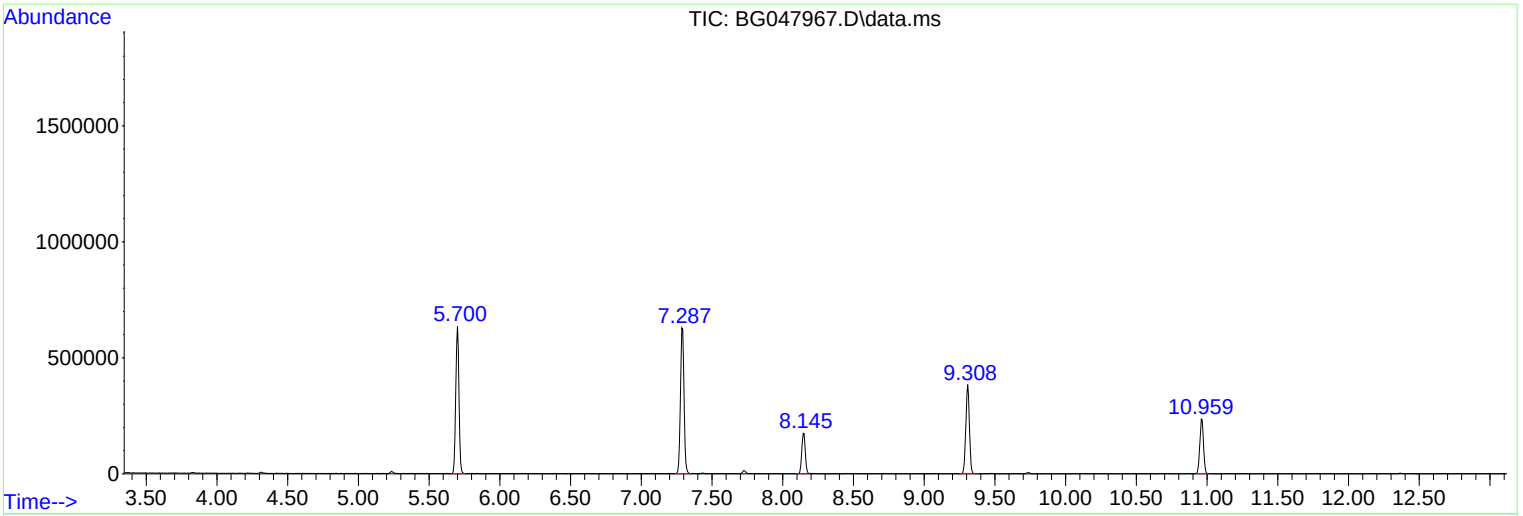
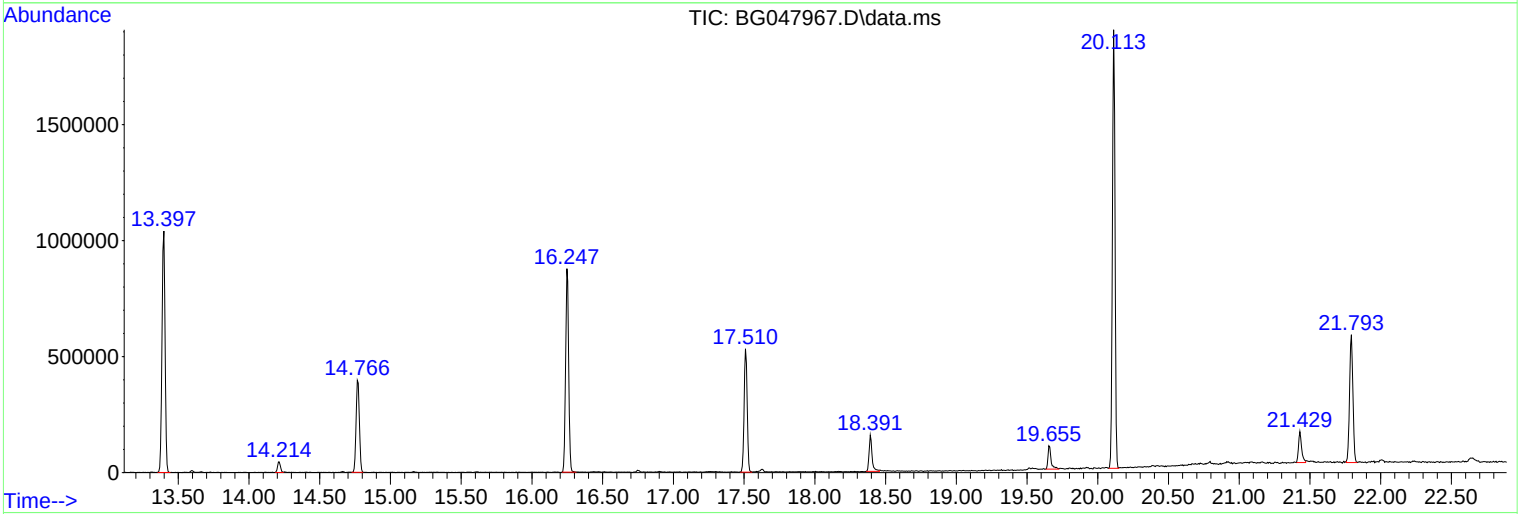
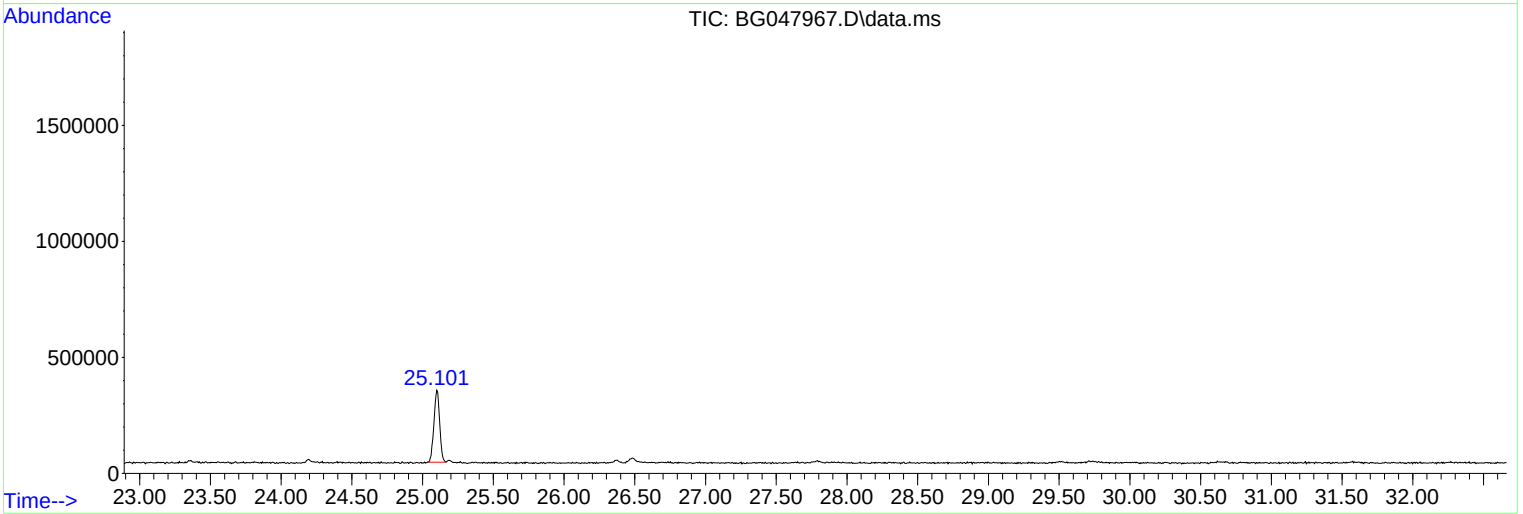
0040-042-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P







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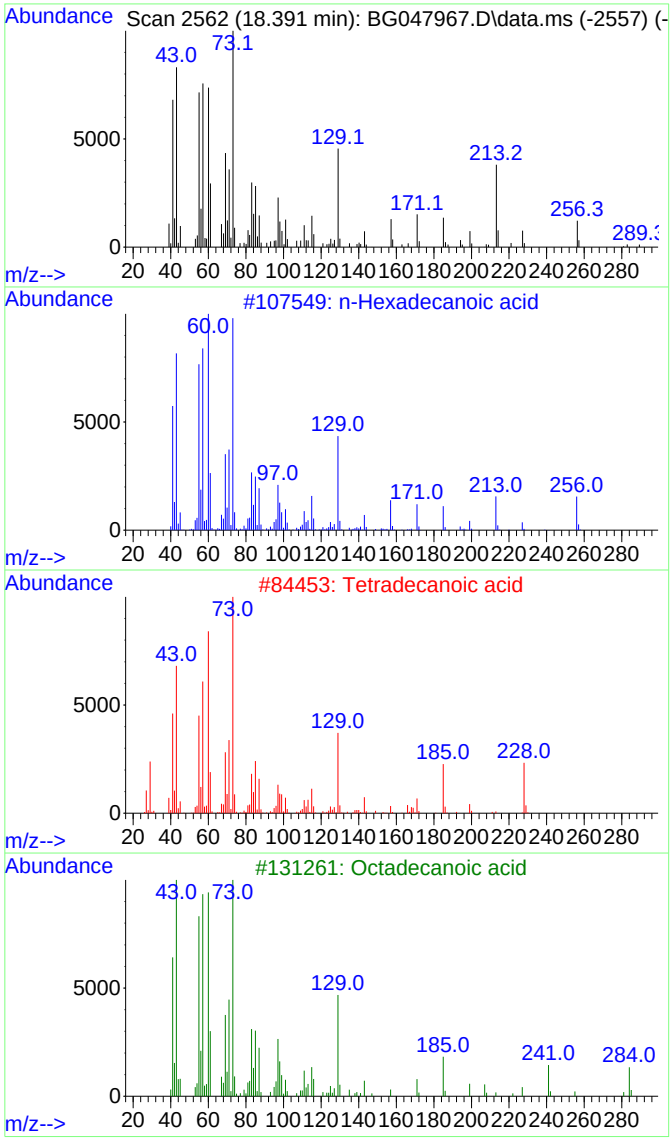
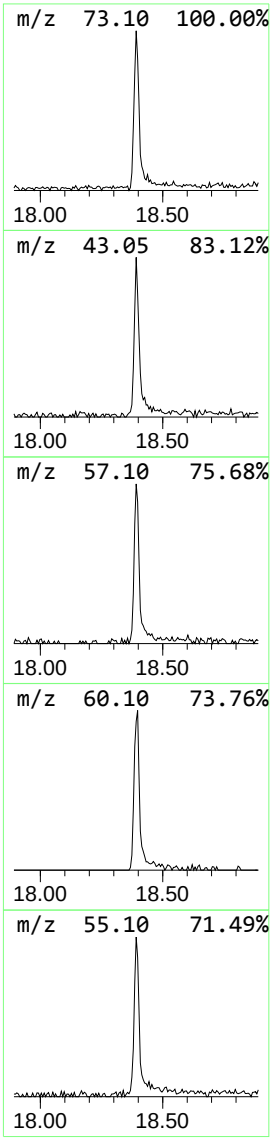
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.391	5.81 ng	228960	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Misc :
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Instrument : BNA_G
ClientSampleId : 0040-042-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
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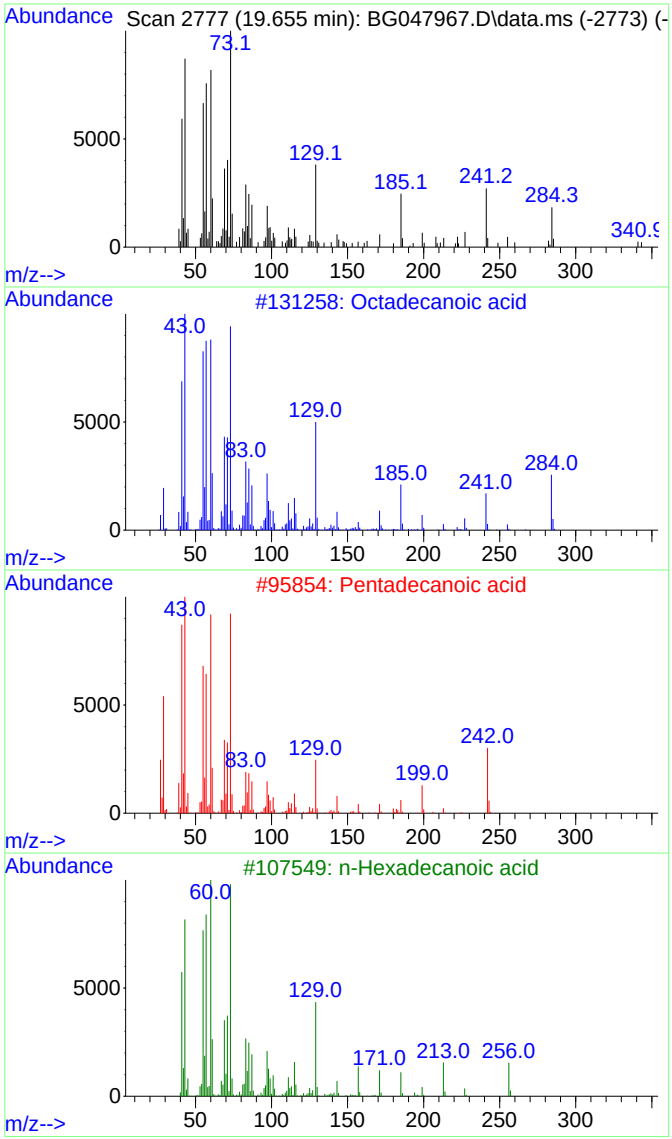
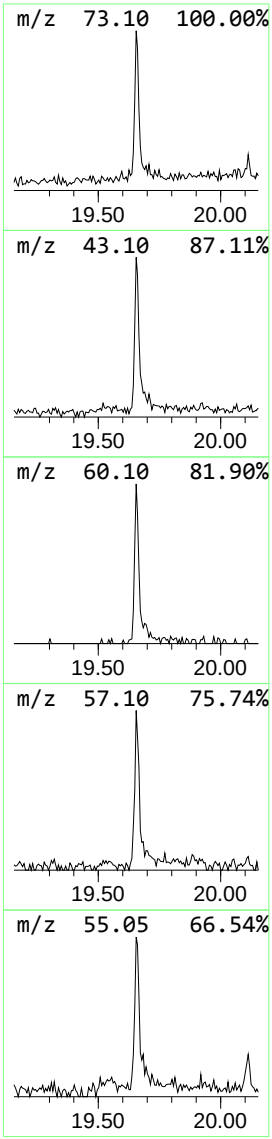
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.654	3.38 ng	152535	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Data File : BG047967.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0040-042-COMP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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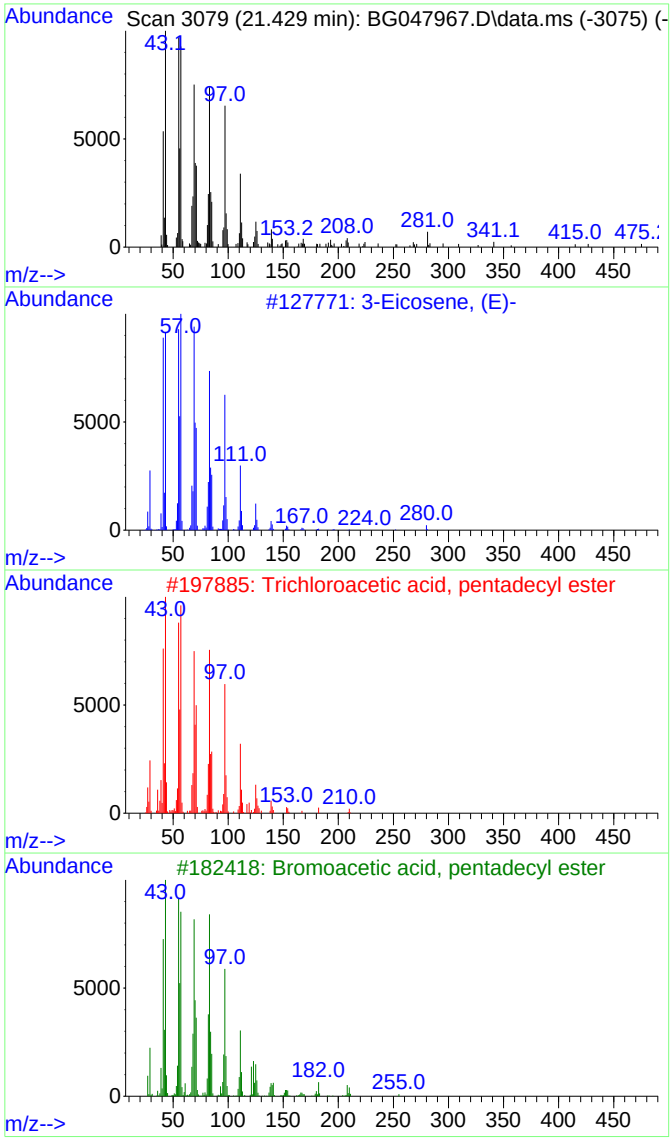
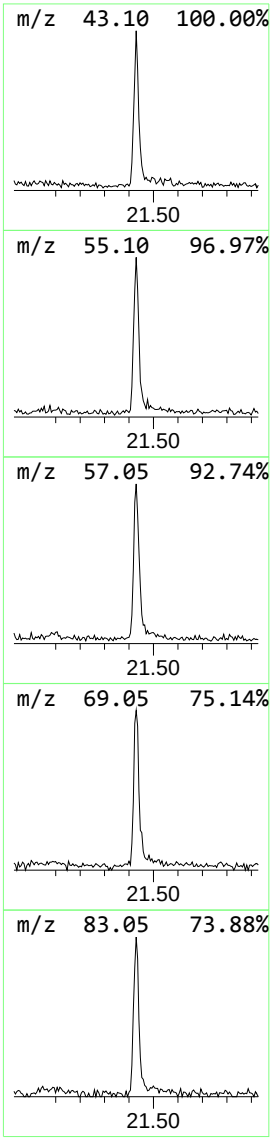
Peak Number 3 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.429	4.53 ng	204300	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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 ...	18.391	5.8	ng	228960	4	17.510	788268	20.0
Octadecanoic acid	19.654	3.4	ng	152535	5	21.793	901714	20.0
3-Eicosene, (E)-	21.429	4.5	ng	204300	5	21.793	901714	20.0