LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
Data File : BG048122.D
Acq On : 9 Feb 2021 15:00
Operator : CG/JU
Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLASSIC_BH_01_2-4

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-BG012521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.671	390	397	409	rBV	1158141	1817877	39.20%	8.338%
2	7.264	660	668	679	rBV	1139483	1968262	42.44%	9.028%
3	8.110	805	812	819	rBV	204301	331961	7.16%	1.523%
4	9.273	1003	1010	1019	rVB	689355	1218799	26.28%	5.590%
5	10.924	1284	1291	1300	rVB	249487	437285	9.43%	2.006%
6	13.362	1697	1706	1713	rVB	1713458	2624265	56.59%	12.036%
7	14.173	1839	1844	1850	rBV	40030	57915	1.25%	0.266%
8	14.731	1932	1939	1947	rVB	405114	641257	13.83%	2.941%
9	16.218	2184	2192	2199	rBV	1583220	2458443	53.01%	11.276%
10	17.475	2400	2406	2412	rVB	548056	833905	17.98%	3.825%
11	18.351	2550	2555	2567	rBV	285112	472762	10.19%	2.168%
12	19.073	2666	2678	2679	rBV3	107330	289579	6.24%	1.328%
13	19.614	2766	2770	2786	rVB2	123081	262225	5.65%	1.203%
14	20.078	2842	2849	2854	rBV	3589325	4637320	100.00%	21.270%
15	20.501	2912	2921	2933	rVB3	212255	571294	12.32%	2.620%
16	21.376	3066	3070	3080	rBV	215816	362056	7.81%	1.661%
17	21.641	3107	3115	3125	rVB2	196069	557101	12.01%	2.555%
18	21.741	3126	3132	3140	rVB2	600287	1007340	21.72%	4.620%
19	22.980	3337	3343	3344	rBV	79275	112512	2.43%	0.516%
20	24.626	3618	3623	3624	rBV4	34649	58219	1.26%	0.267%
21	25.007	3679	3688	3701	rVB2	363860	1082187	23.34%	4.964%

Sum of corrected areas: 21802564

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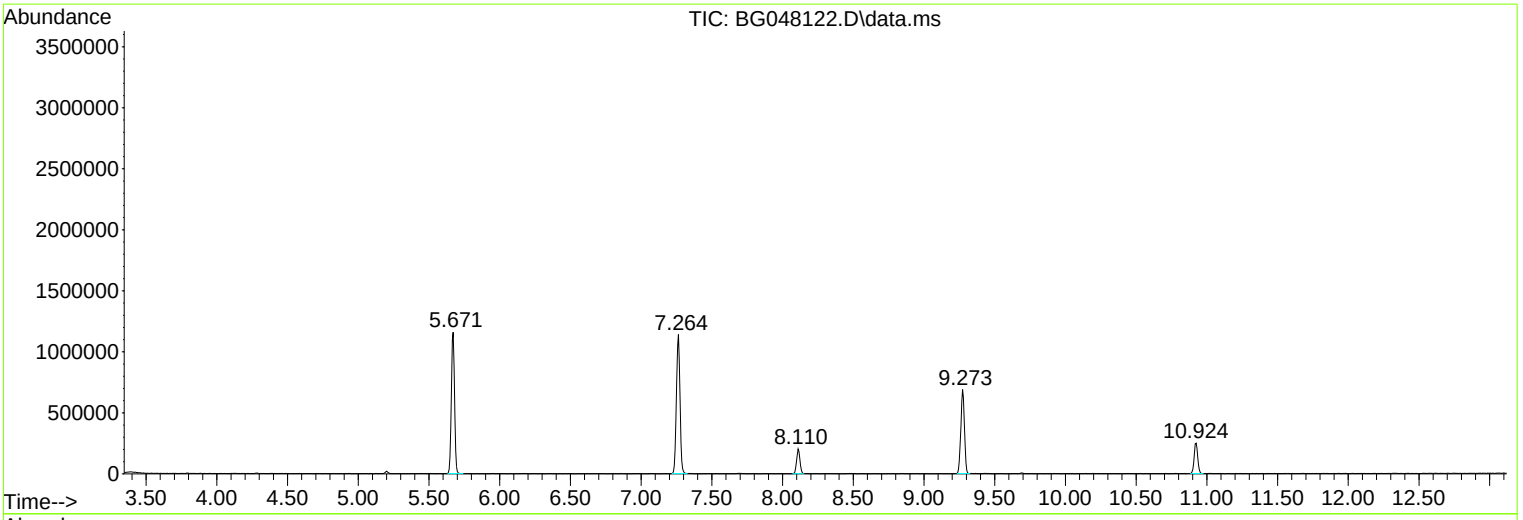
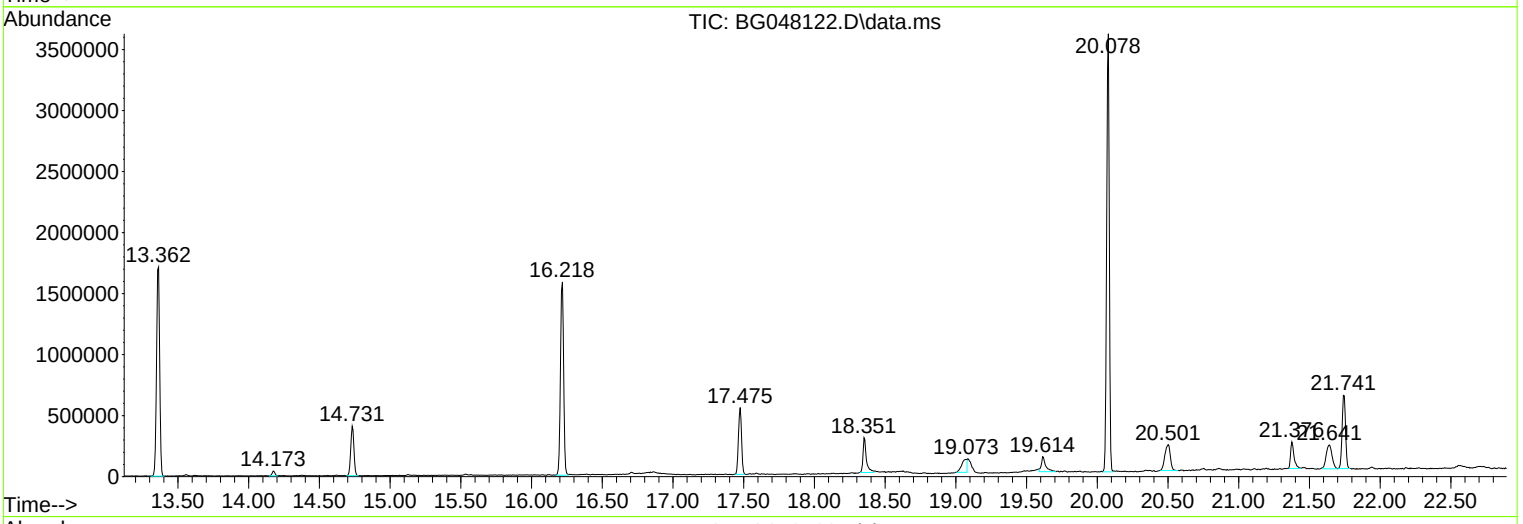
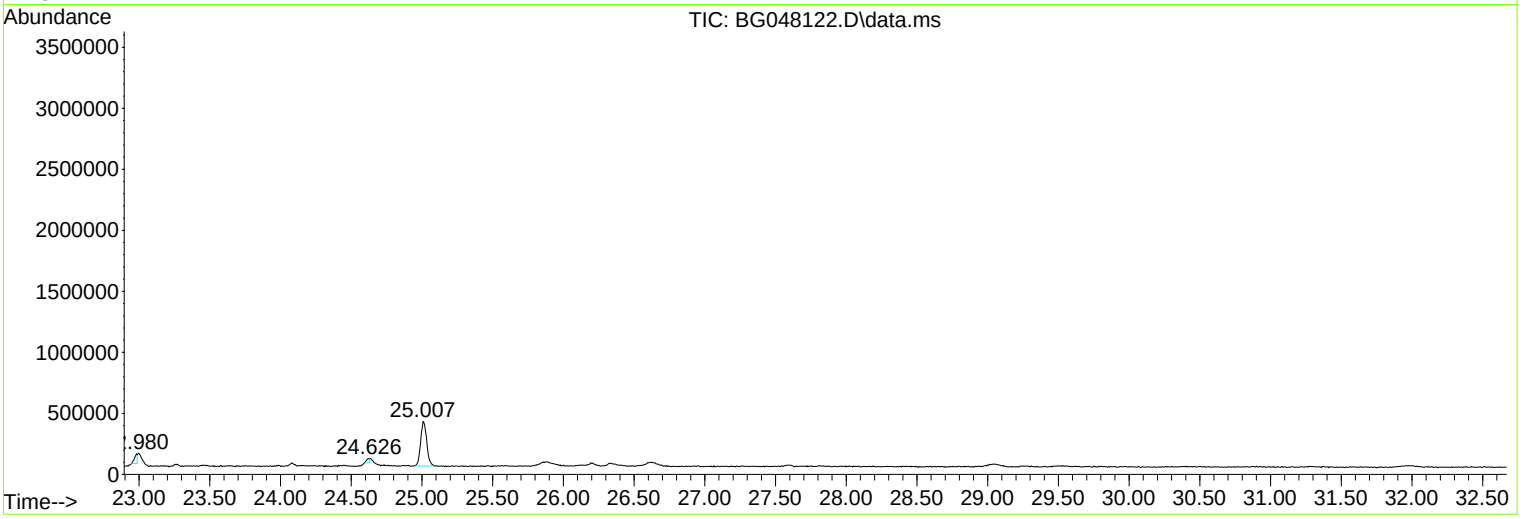
Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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Data File : BG048122.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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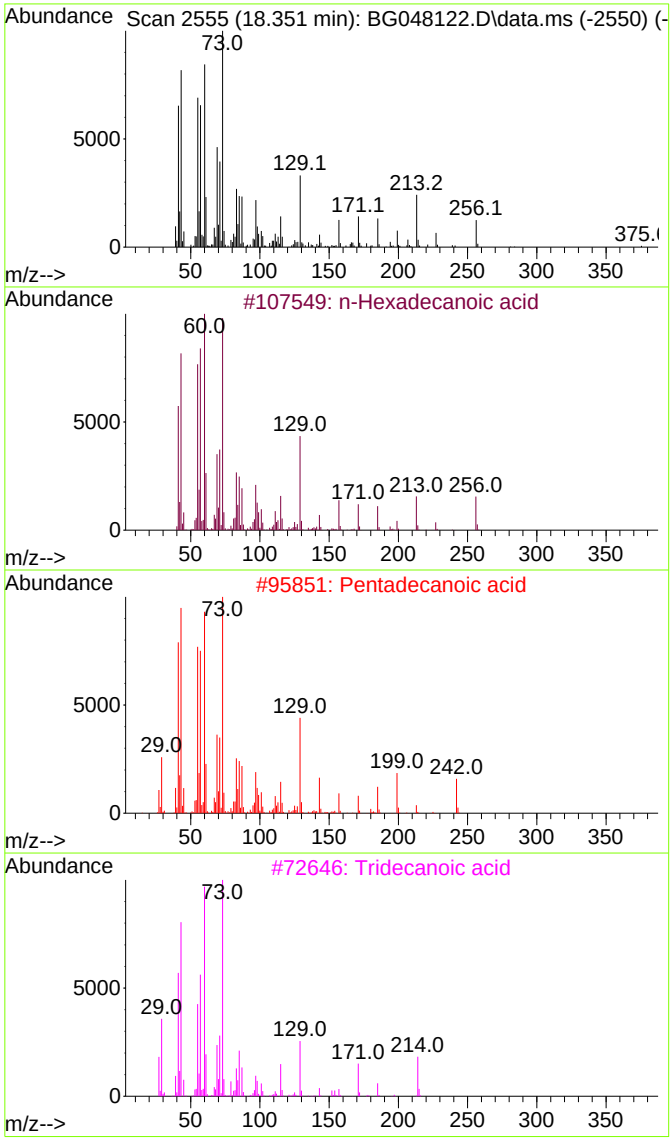
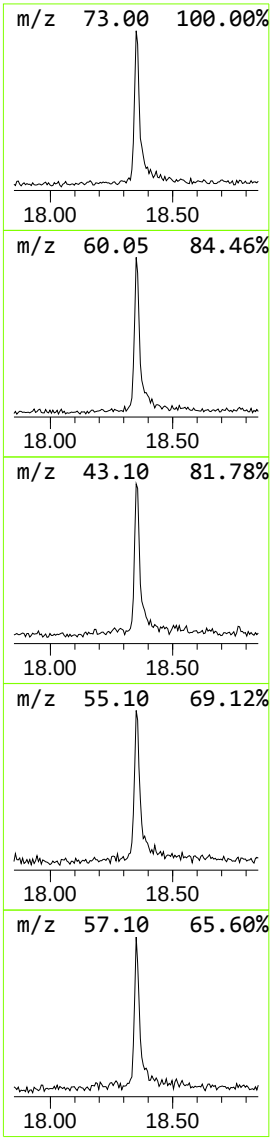
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	11.34 ng	472762	Phenanthrene-d10	17.475

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	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
Data File : BG048122.D
Acq On : 9 Feb 2021 15:00
Operator : CG/JU
Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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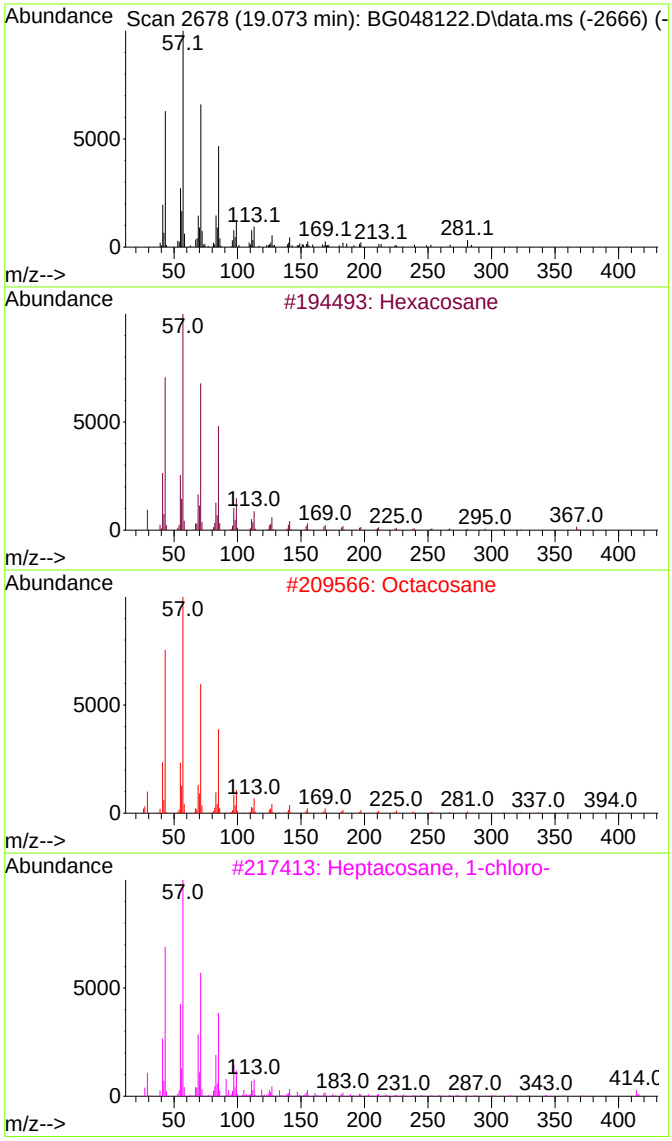
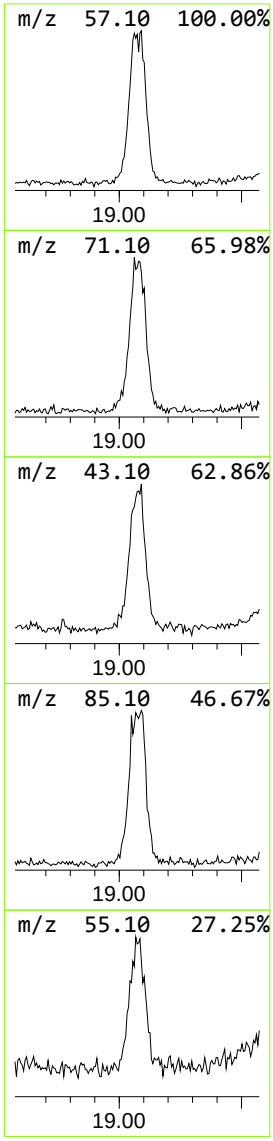
Peak Number 2 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.073	6.95 ng	289579	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Data File : BG048122.D
Acq On : 9 Feb 2021 15:00
Operator : CG/JU
Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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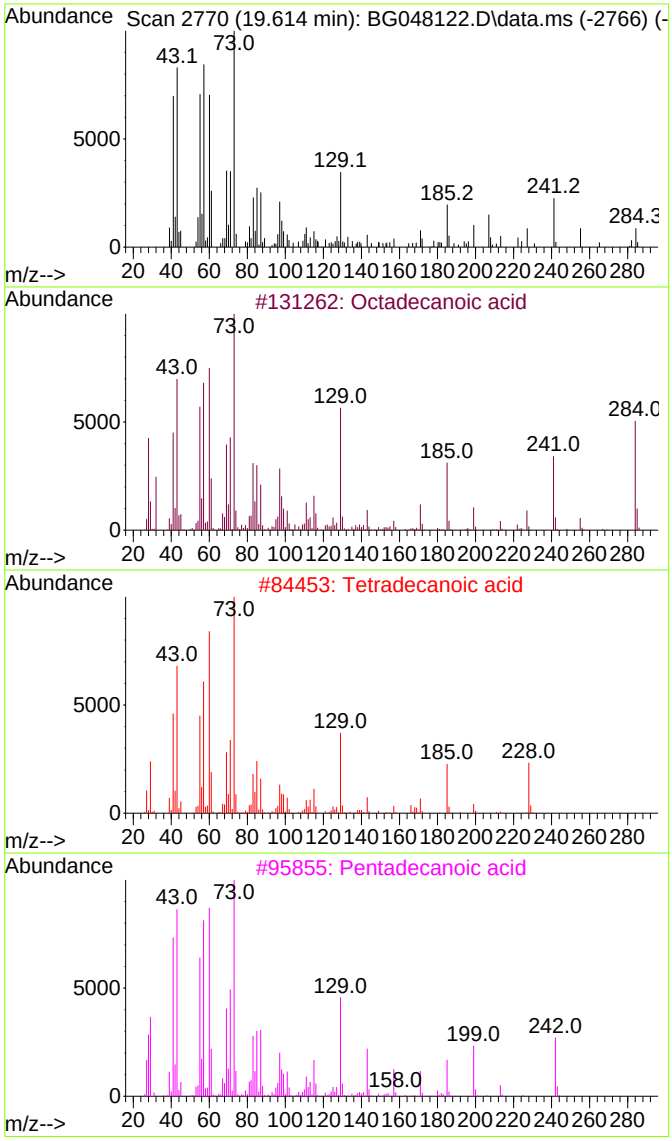
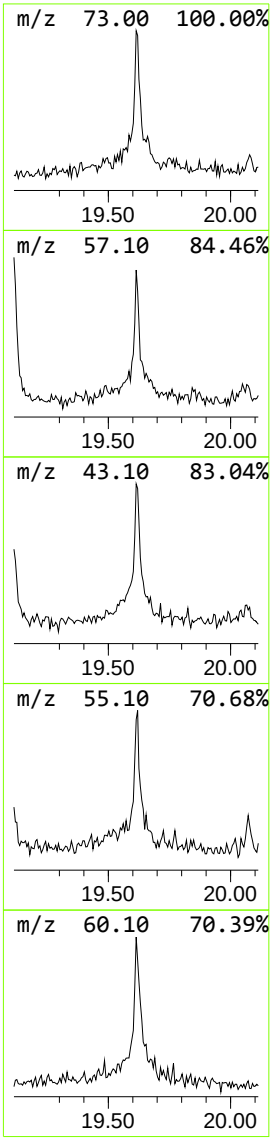
Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.614	5.21 ng	262225	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Data File : BG048122.D
Acq On : 9 Feb 2021 15:00
Operator : CG/JU
Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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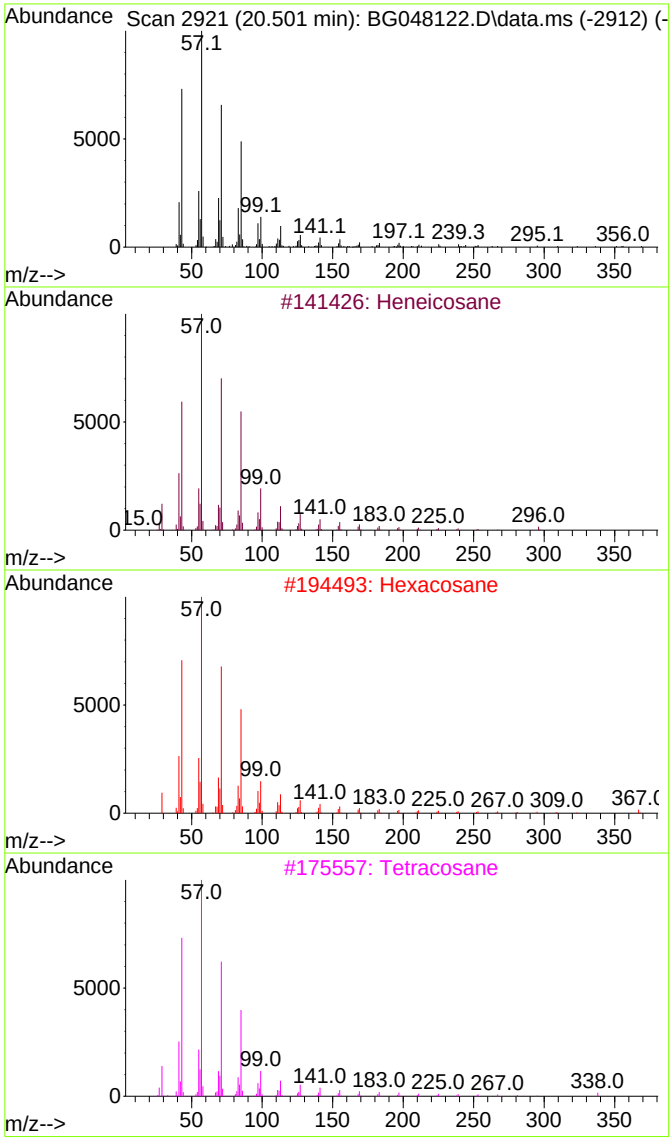
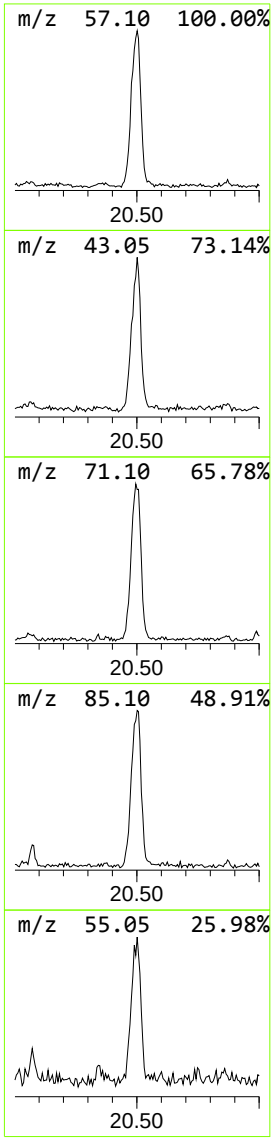
Peak Number 4 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.501	11.34 ng	571294	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





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Operator : CG/JU
Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
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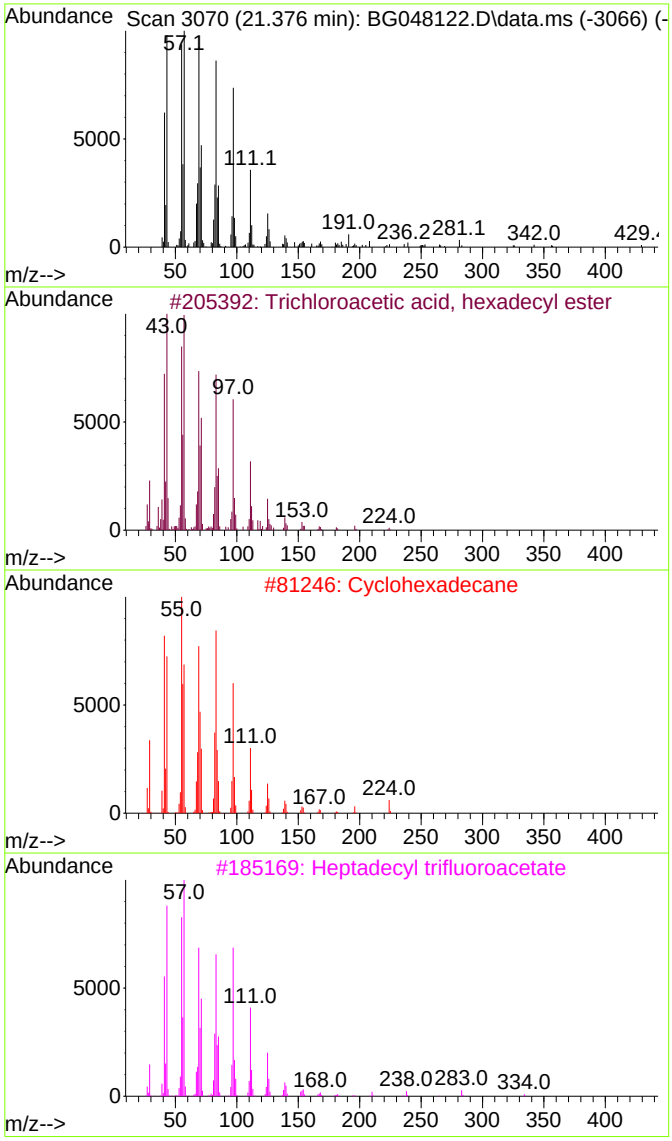
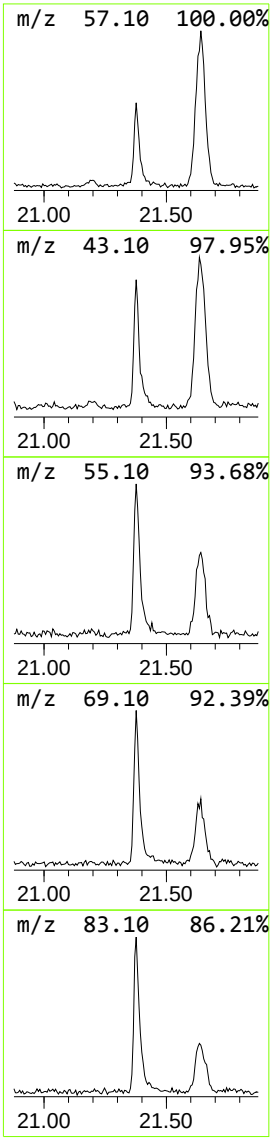
Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.376	7.19 ng	362056	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92
4	1-Docosene	308	C22H44	001599-67-3	92
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Operator : CG/JU
Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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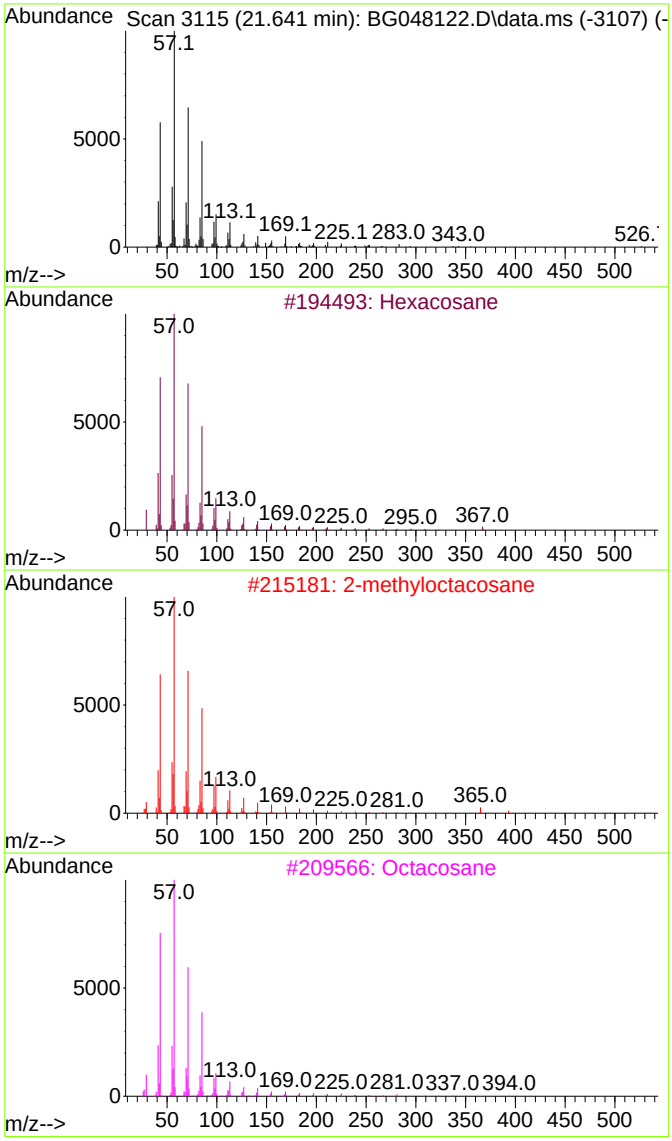
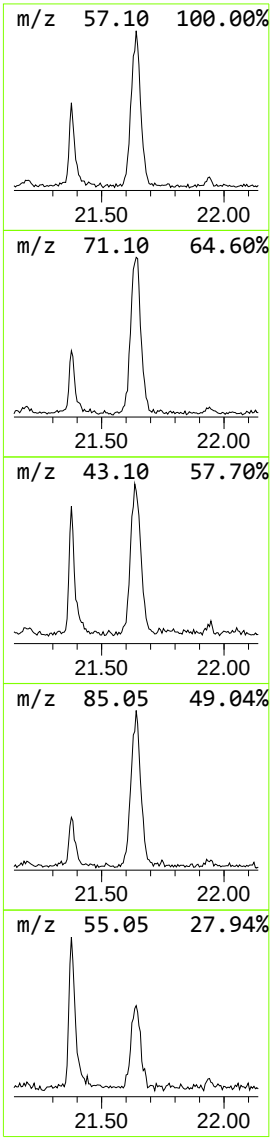
Peak Number 6 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.641	11.06 ng	557101	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Sample : M1337-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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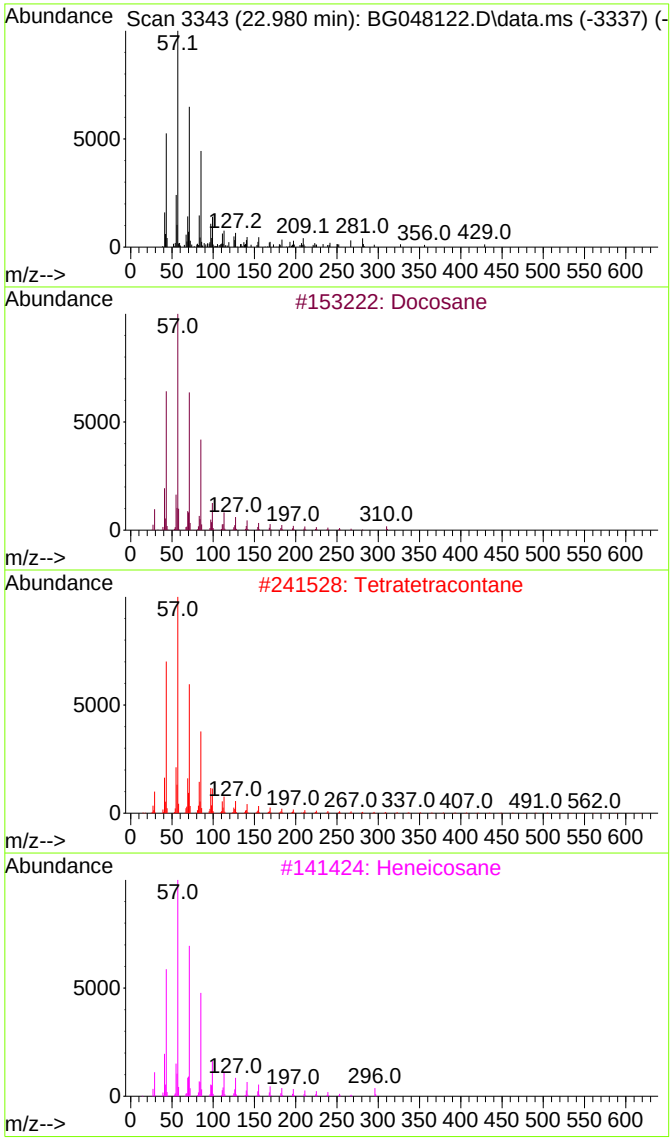
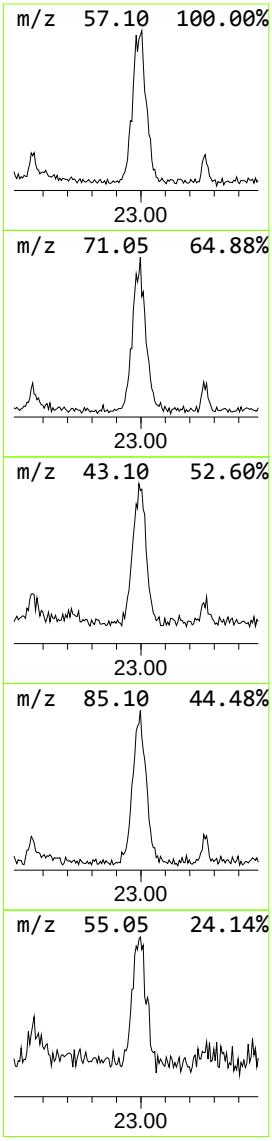
Peak Number 7 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.980	2.23 ng	112512	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Eicosane	282	C20H42	000112-95-8	81
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLASSIC_BH_01_2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.351	11.3	ng	472762	4	17.475	833905	20.0
Hexacosane	19.073	7.0	ng	289579	4	17.475	833905	20.0
Octadecanoic acid	19.614	5.2	ng	262225	5	21.747	1007340	20.0
Heneicosane	20.501	11.3	ng	571294	5	21.747	1007340	20.0
Trichloroacetic...	21.376	7.2	ng	362056	5	21.747	1007340	20.0
2-methyloctacosane	21.641	11.1	ng	557101	5	21.747	1007340	20.0
Docosane	22.980	2.2	ng	112512	5	21.747	1007340	20.0