LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
Data File : BG046823.D
Acq On : 8 Oct 2020 20:10
Operator : CG/JU
Sample : L4280-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-6-HSFRAC

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-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046823.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.697	55	61	67	rBV	31409	51426	1.04%	0.240%
2	5.671	390	397	406	rBV	797636	1302387	26.34%	6.067%
3	7.257	660	667	676	rBV	557784	983748	19.89%	4.582%
4	7.686	735	740	745	rBV2	36942	60171	1.22%	0.280%
5	8.109	804	812	818	rBV	226410	391770	7.92%	1.825%
6	9.267	1000	1009	1018	rBV	793759	1394945	28.21%	6.498%
7	10.918	1284	1290	1298	rVB	303117	516470	10.44%	2.406%
8	13.356	1698	1705	1713	rBV	1981910	3034005	61.36%	14.133%
9	13.615	1745	1749	1755	rVB2	48522	72476	1.47%	0.338%
10	14.173	1838	1844	1850	rBV	184650	275281	5.57%	1.282%
11	14.731	1931	1939	1946	rVB	458002	739188	14.95%	3.443%
12	16.212	2184	2191	2201	rBV	1685204	2555874	51.69%	11.906%
13	17.469	2399	2405	2414	rBV	609034	926281	18.73%	4.315%
14	18.356	2550	2556	2565	rBV	465110	648397	13.11%	3.020%
15	19.120	2682	2686	2690	rBV	53685	67204	1.36%	0.313%
16	19.619	2766	2771	2782	rBV	241164	351946	7.12%	1.639%
17	20.078	2842	2849	2856	rBV	3782730	4944962	100.00%	23.034%
18	21.382	3066	3071	3083	rBV	342628	599855	12.13%	2.794%
19	21.746	3126	3133	3139	rBV	718719	1197917	24.22%	5.580%
20	25.013	3679	3689	3704	rVB2	430241	1236304	25.00%	5.759%
21	26.358	3911	3918	3930	rBV2	31445	117263	2.37%	0.546%

Sum of corrected areas: 21467870

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Misc :
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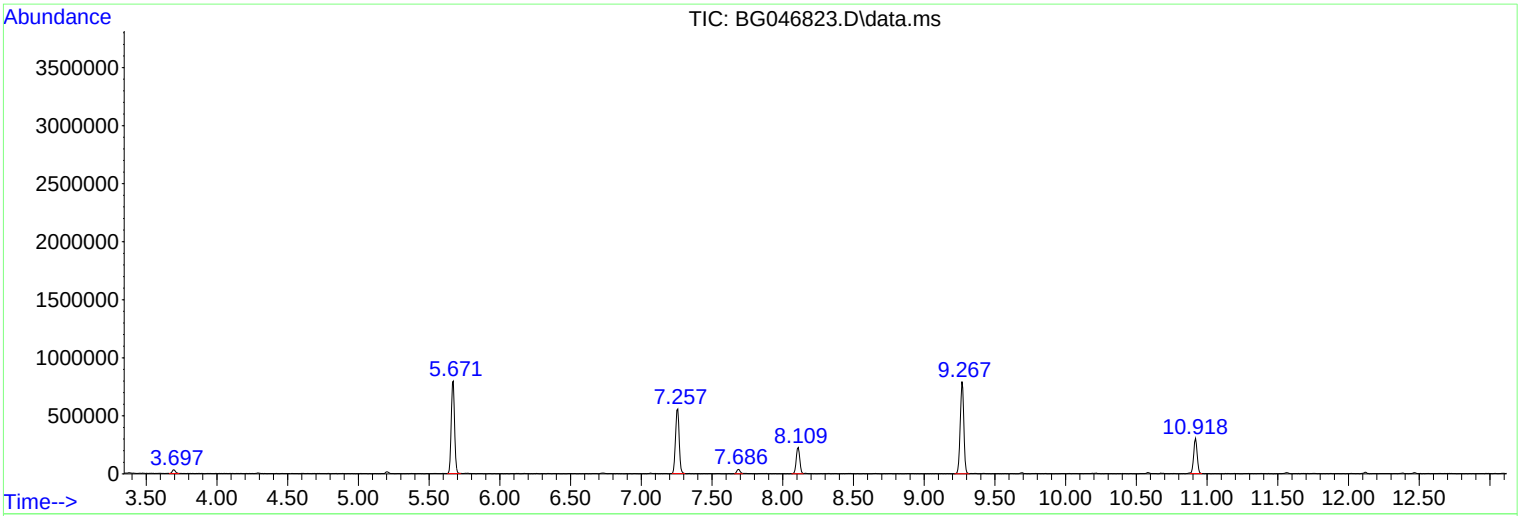
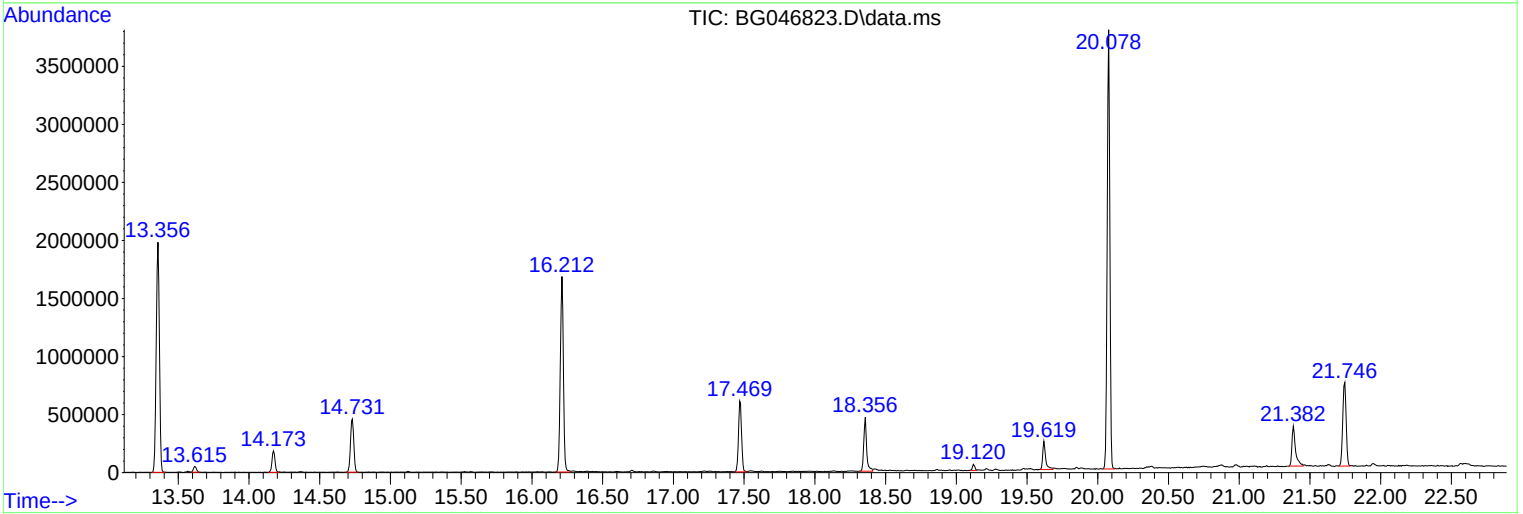
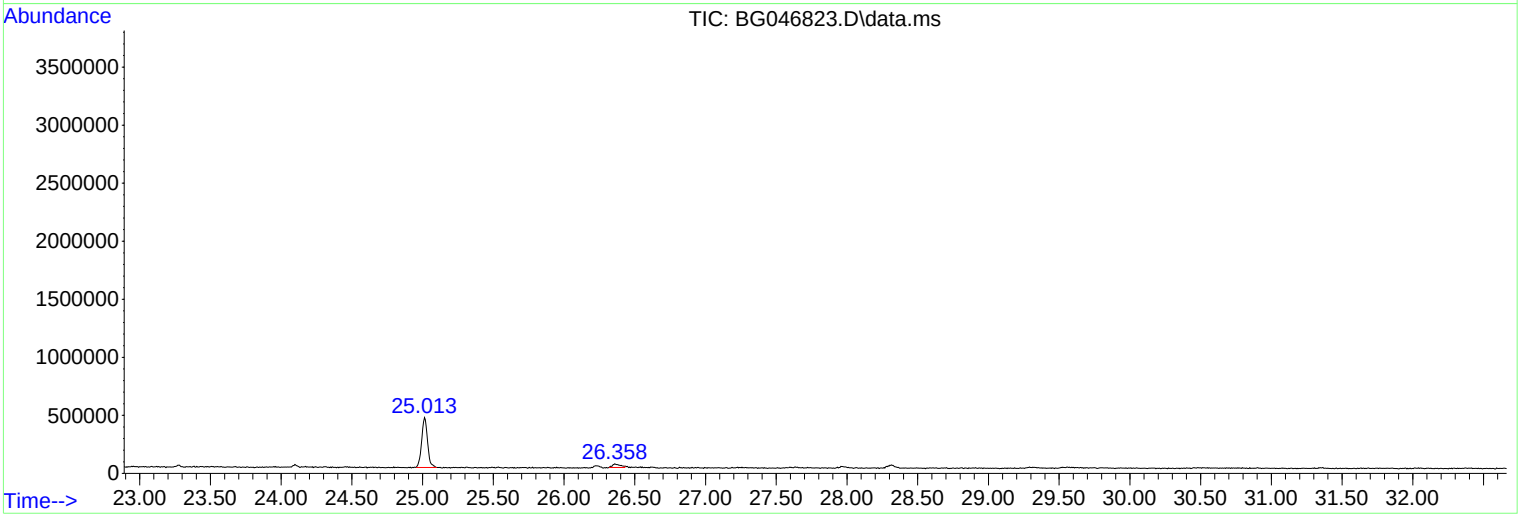
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.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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Acq On : 8 Oct 2020 20:10
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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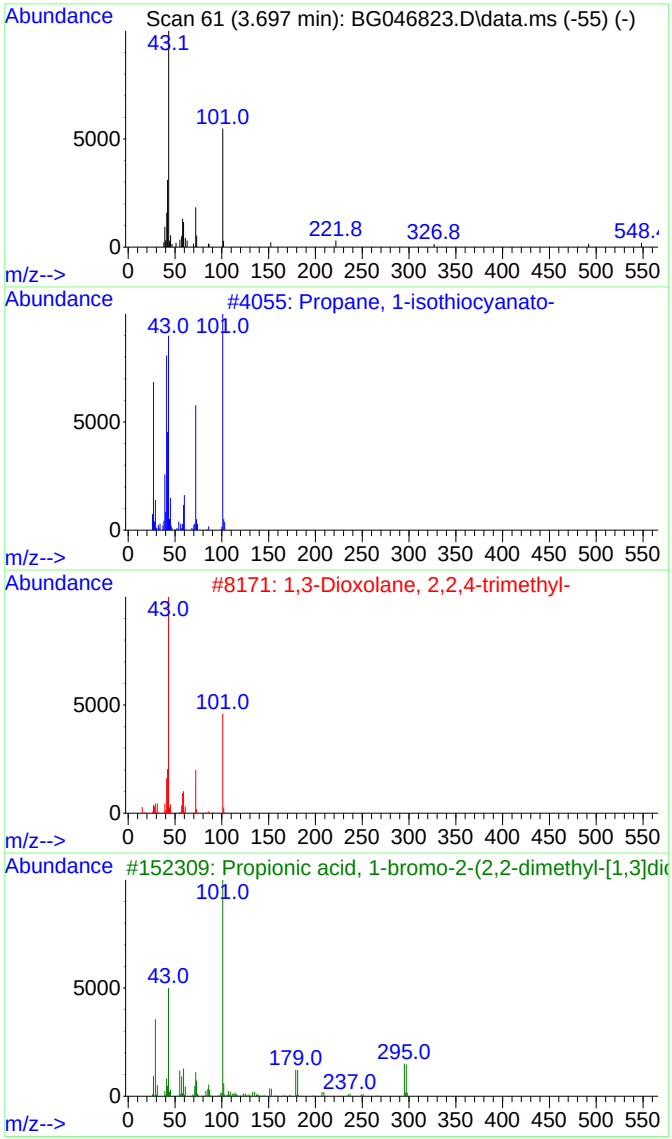
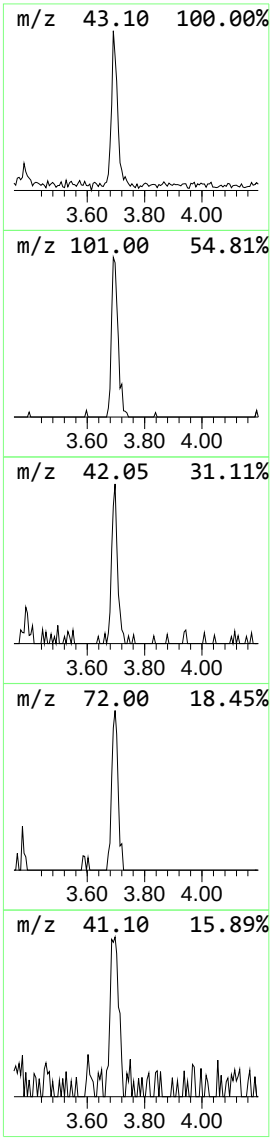
Peak Number 1 Propane, 1-isothiocyanato- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	2.63 ng	51426	1,4-Dichlorobenzene-d4	8.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	59
2	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	59
3	Propionic acid, 1-bromo-2-(2,2-d...	310	C11H19BrO5	1000189-29-9	40
4	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	38
5	Furazan-3-ol, 4-amino-	101	C2H3N3O2	159013-90-8	38





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Sample : L4280-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-6-HSFRAC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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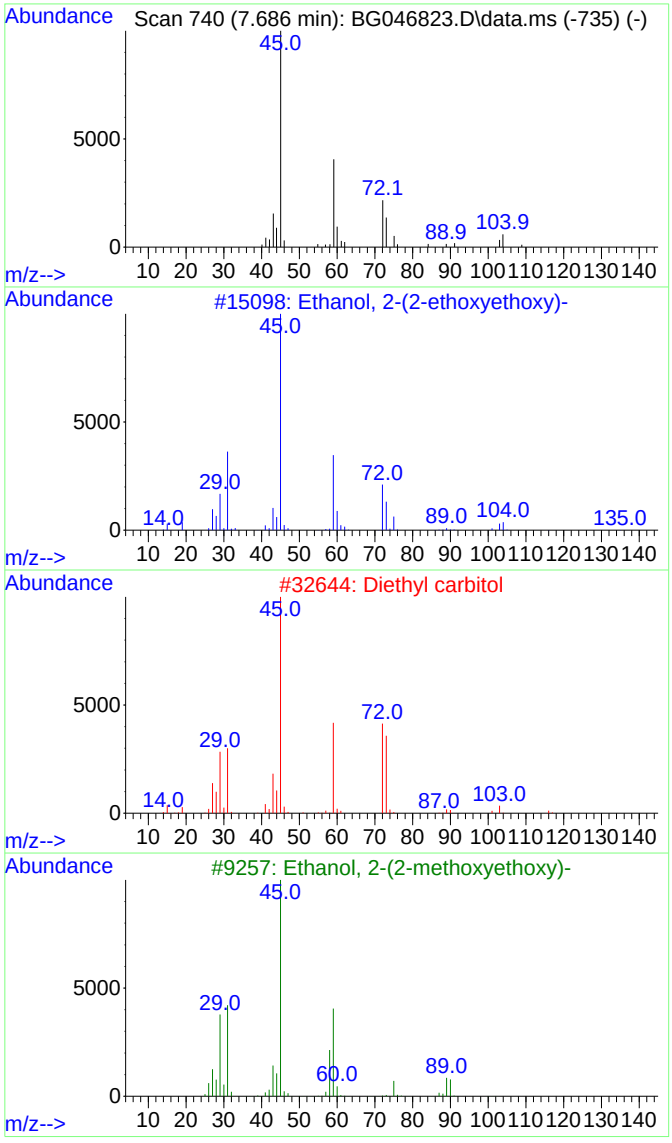
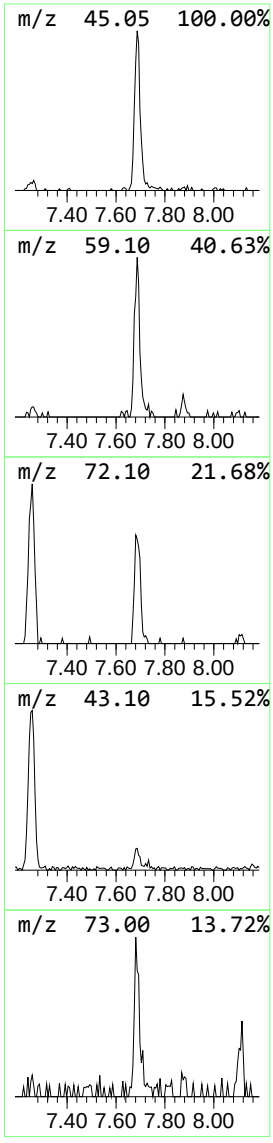
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	3.07 ng	60171	1,4-Dichlorobenzene-d4	8.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
5	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
Data File : BG046823.D
Acq On : 8 Oct 2020 20:10
Operator : CG/JU
Sample : L4280-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-6-HSFRAC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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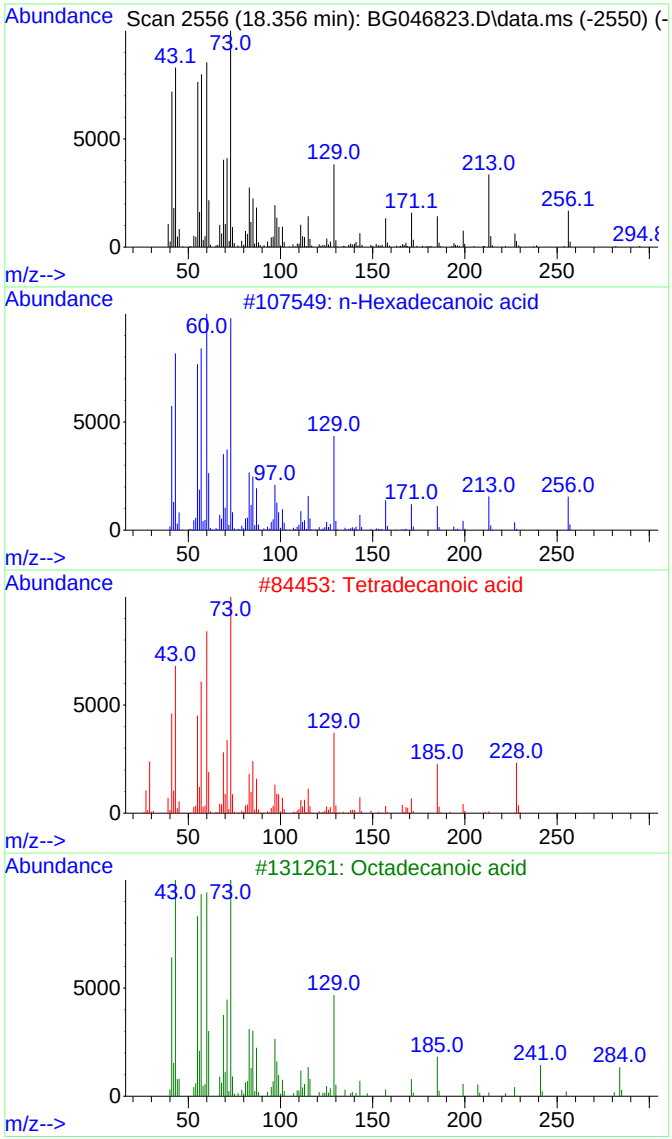
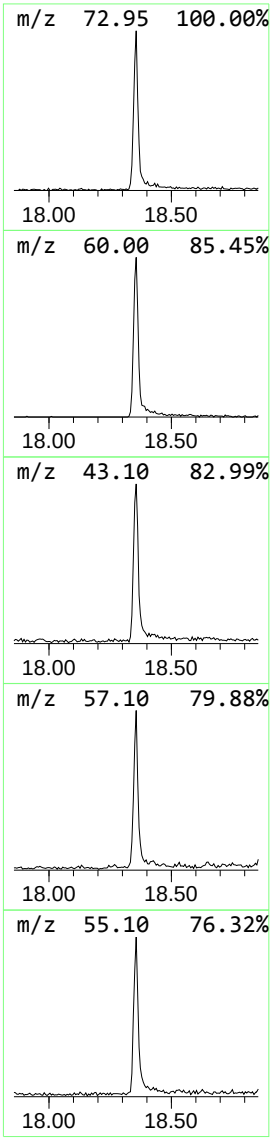
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.356	14.00 ng	648397	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Data File : BG046823.D
Acq On : 8 Oct 2020 20:10
Operator : CG/JU
Sample : L4280-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-6-HSFRAC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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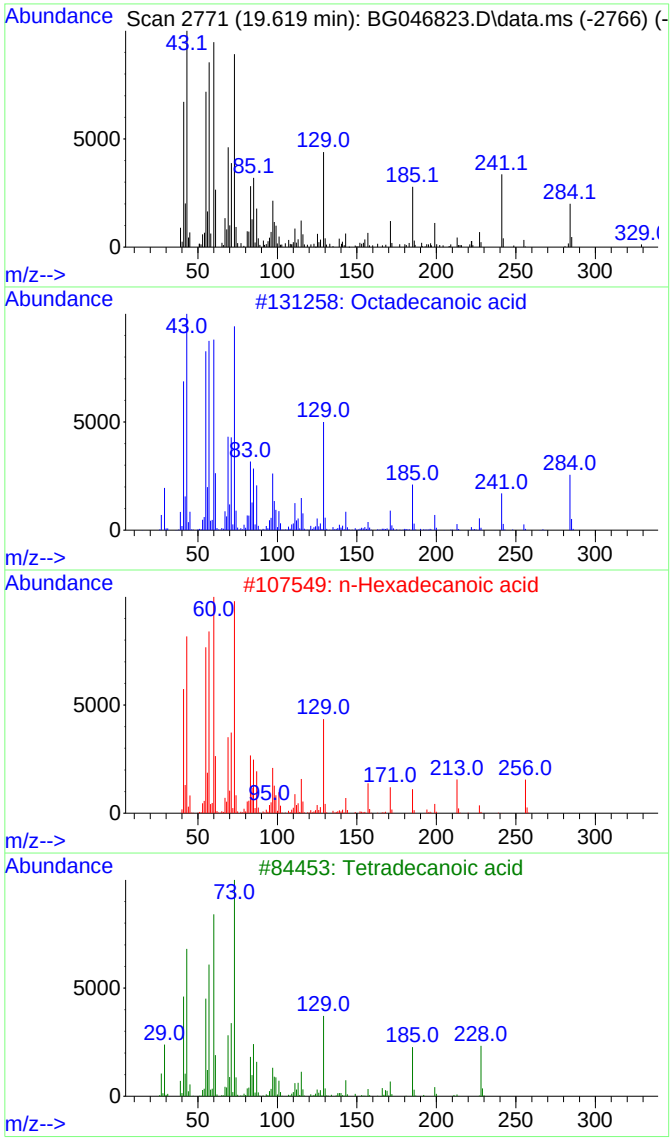
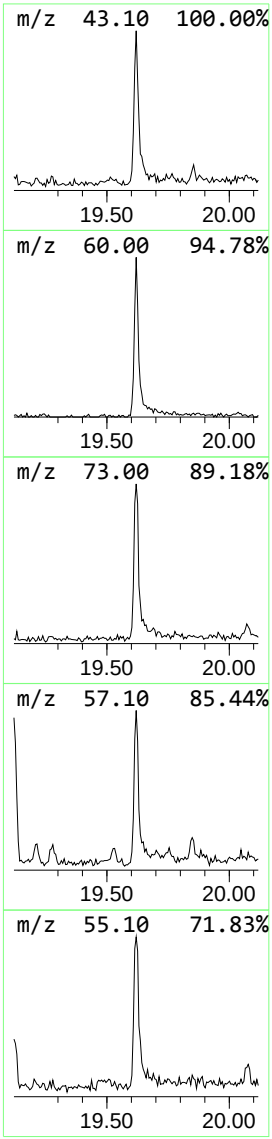
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.619	5.88 ng	351946	Chrysene-d12	21.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Data File : BG046823.D
Acq On : 8 Oct 2020 20:10
Operator : CG/JU
Sample : L4280-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-6-HSFRAC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
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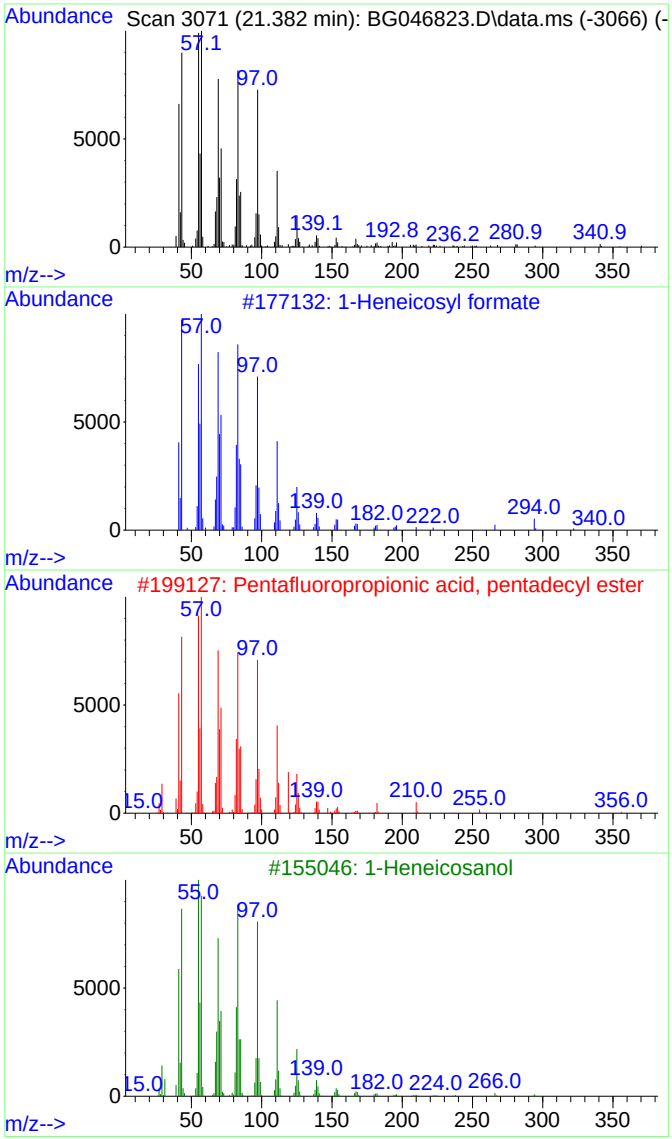
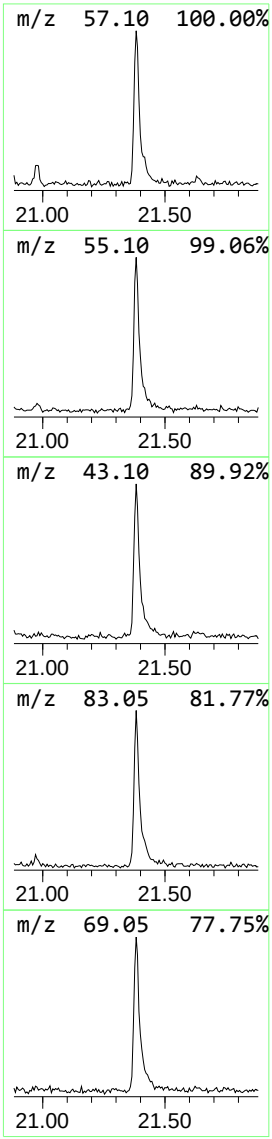
Peak Number 5 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.382	10.02 ng	599855	Chrysene-d12	21.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





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
Propane, 1-isot...	3.697	2.6	ng	51426	1	8.109	391770	20.0
Ethanol, 2-(2-e...	7.686	3.1	ng	60171	1	8.109	391770	20.0
n-Hexadecanoic ...	18.356	14.0	ng	648397	4	17.469	926281	20.0
Octadecanoic acid	19.619	5.9	ng	351946	5	21.746	1197920	20.0
1-Heneicosyl fo...	21.382	10.0	ng	599855	5	21.746	1197920	20.0