LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	3	7	21	rVB	454632	737283	13.10%	3.129%
2	5.541	409	417	429	rBV	547608	943185	16.76%	4.003%
3	7.138	677	689	699	rBV	364039	664313	11.81%	2.820%
4	7.973	824	831	839	rBV	209856	359721	6.39%	1.527%
5	8.296	878	886	896	rBV	798935	1411830	25.09%	5.992%
6	9.130	1019	1028	1039	rBV	659782	1226005	21.79%	5.203%
7	10.781	1301	1309	1317	rBV	267984	497006	8.83%	2.109%
8	13.236	1719	1727	1742	rBV	1932174	3054934	54.29%	12.966%
9	14.064	1863	1868	1874	rBV	91073	136866	2.43%	0.581%
10	14.617	1952	1962	1970	rBV	454902	728521	12.95%	3.092%
11	16.103	2208	2215	2226	rBV	1736422	2808099	49.91%	11.918%
12	17.360	2421	2429	2439	rBV	598286	974471	17.32%	4.136%
13	19.680	2818	2824	2832	rBV	93635	121091	2.15%	0.514%
14	19.980	2868	2875	2888	rBV	4006913	5626686	100.00%	23.881%
15	20.661	2979	2991	2997	rBV	676861	1440290	25.60%	6.113%
16	20.767	3006	3009	3018	rVB	96478	142927	2.54%	0.607%
17	21.278	3091	3096	3104	rBV2	96699	161458	2.87%	0.685%
18	21.625	3147	3155	3164	rBV	680376	1136967	20.21%	4.826%
19	21.748	3171	3176	3180	rBV3	67904	121215	2.15%	0.514%
20	23.076	3397	3402	3405	rBV5	31458	59791	1.06%	0.254%
21	24.779	3682	3692	3711	rVB2	415097	1208612	21.48%	5.130%

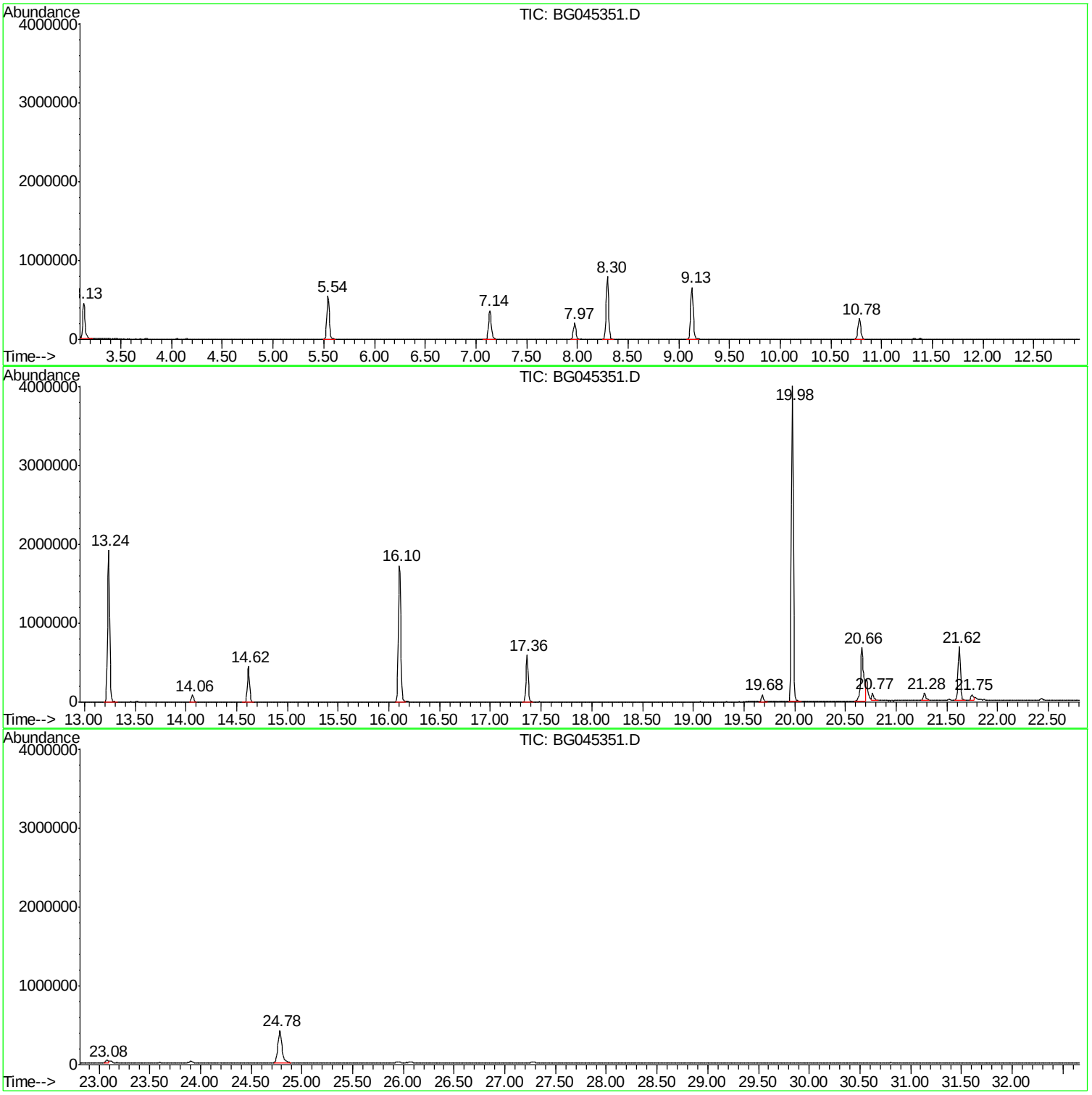
Sum of corrected areas: 23561271

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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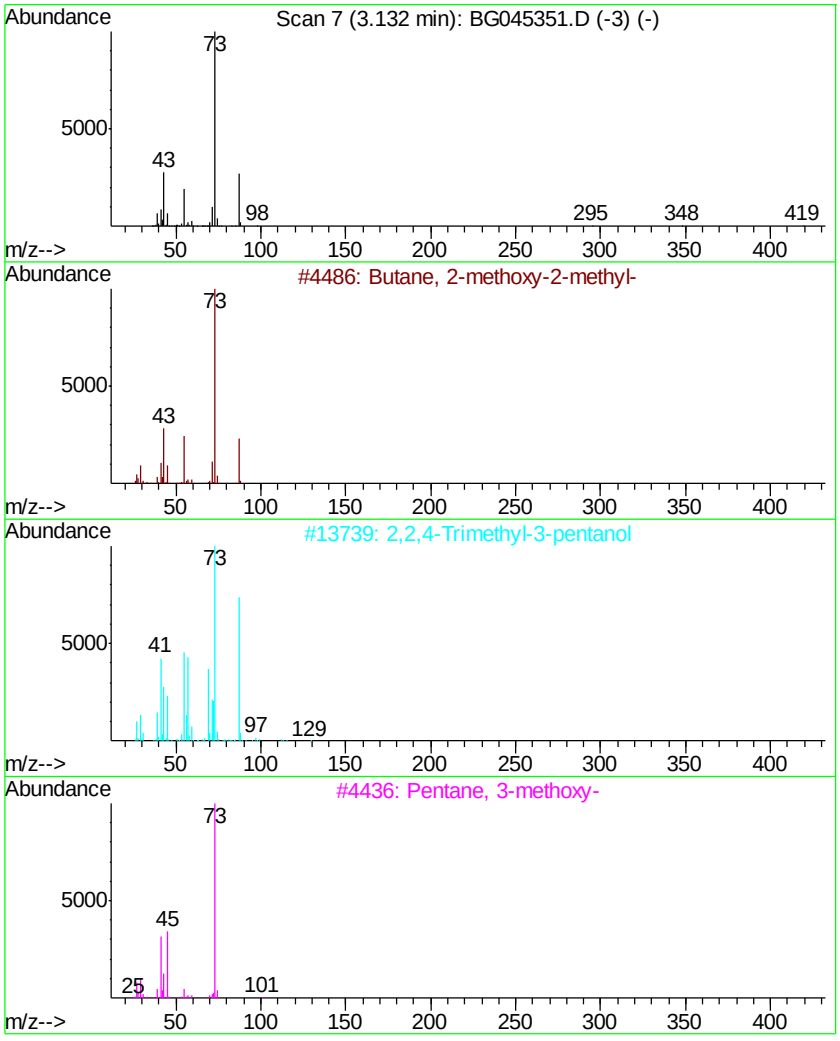
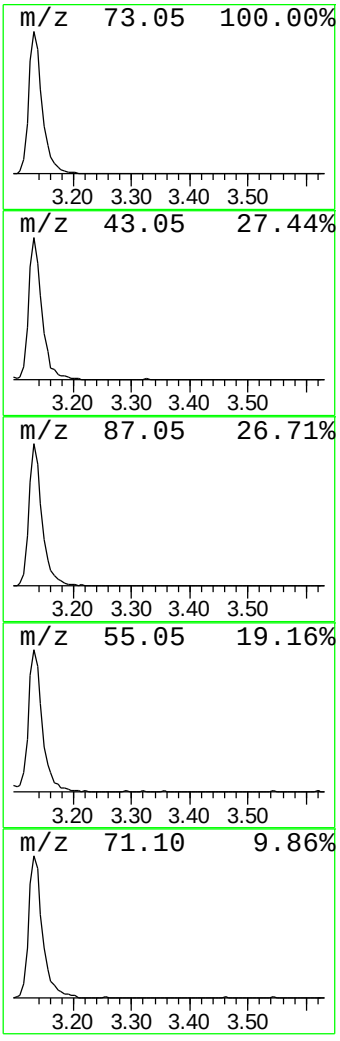
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	40.99 ng	737283	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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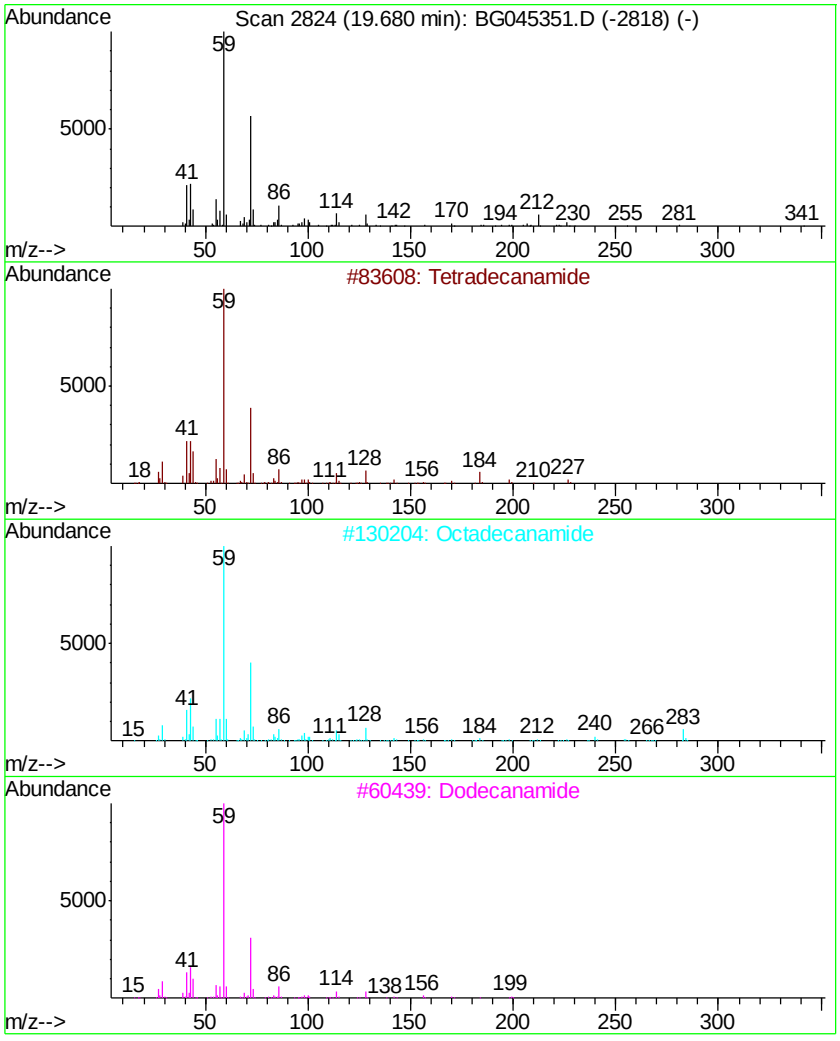
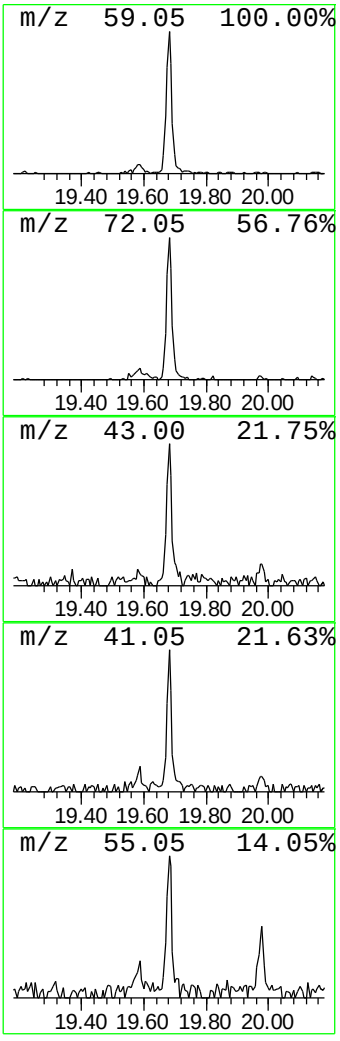
Peak Number 3 Tetradecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.13 ng	121091	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	83
2	Octadecanamide	283	C18H37NO	000124-26-5	83
3	Dodecanamide	199	C12H25NO	001120-16-7	64
4	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	59
5	Nonanamide	157	C9H19NO	001120-07-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

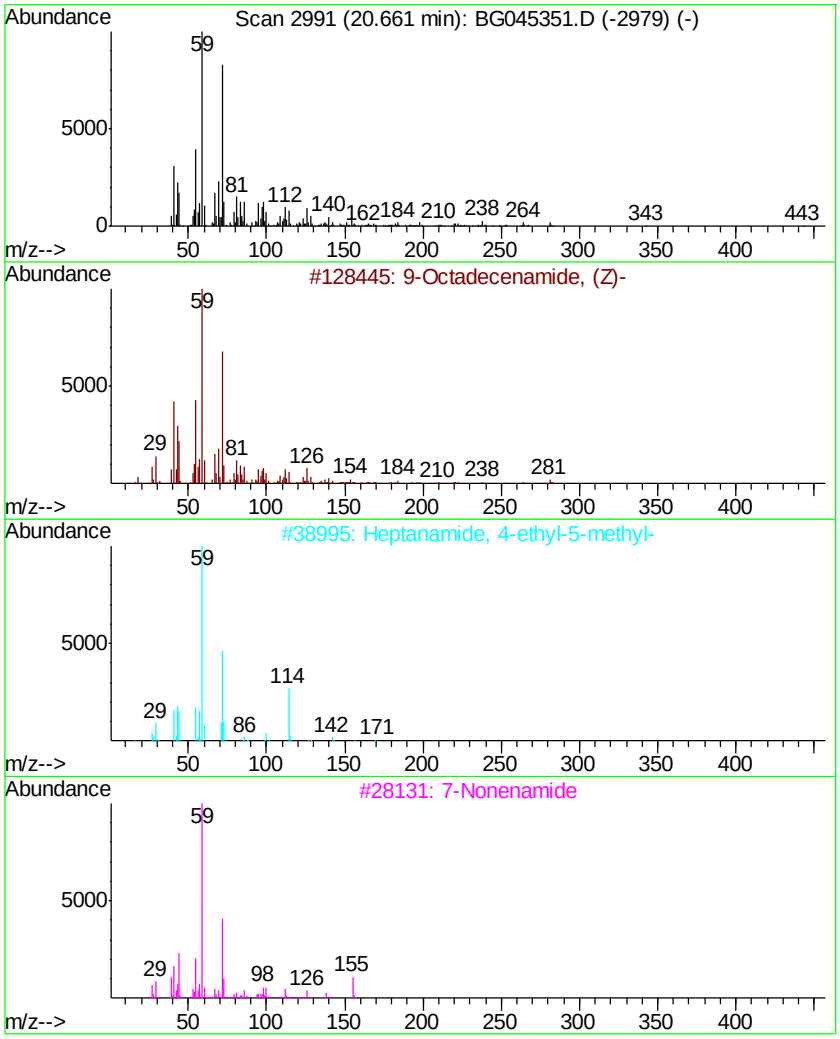
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

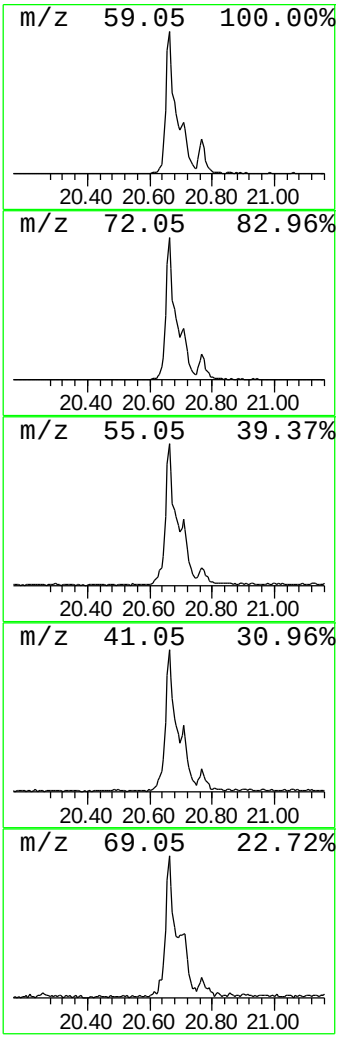
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	25.34 ng	1440290	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
3	7-Nonenamide	155	C9H17NO	090949-53-4	53
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	38
5	Octanamide	143	C8H17NO	000629-01-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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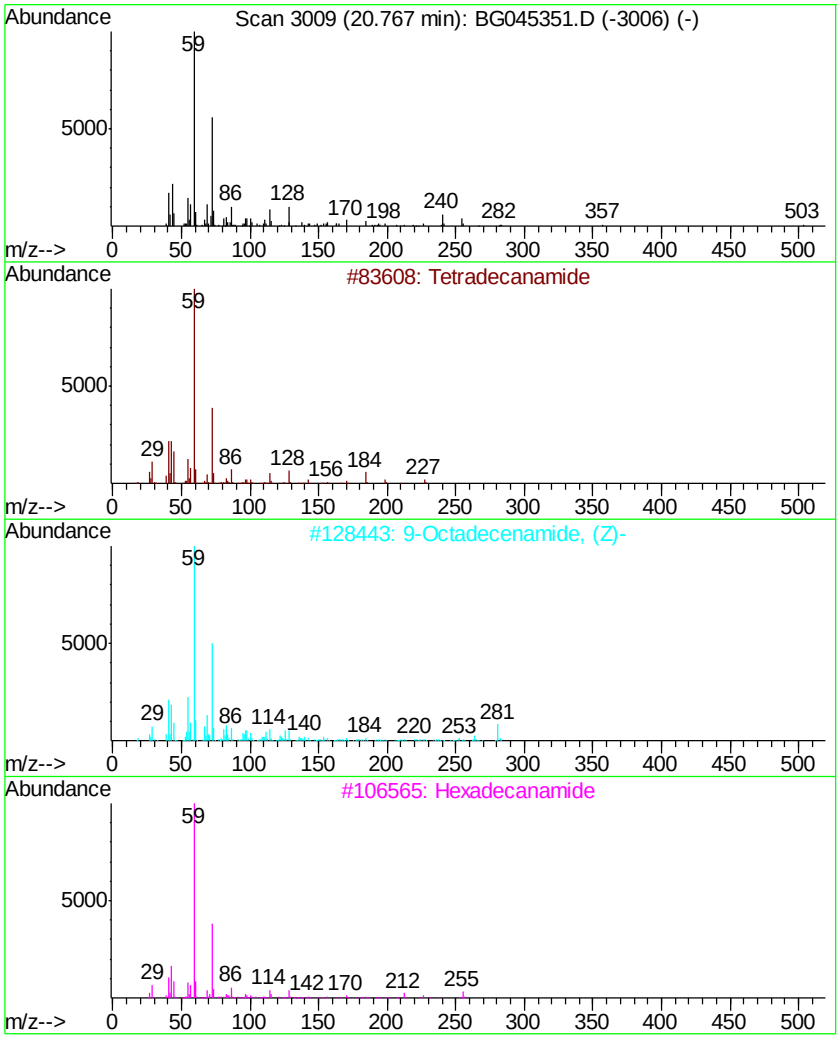
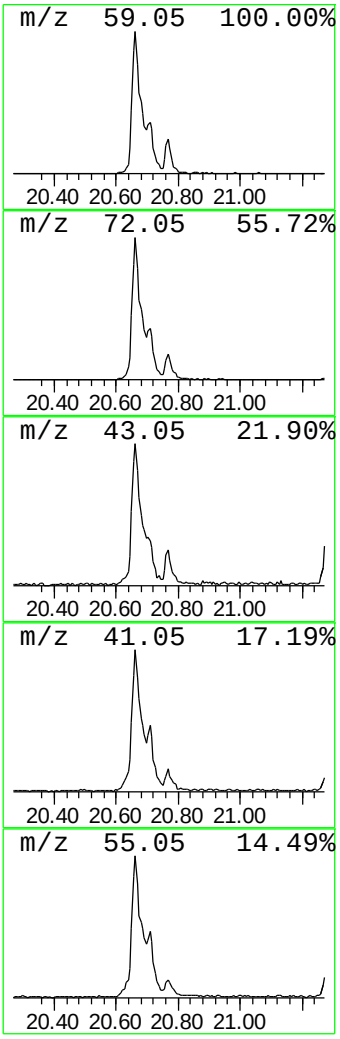
Peak Number 5 Hexadecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.51 ng	142927	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	86
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Dodecanamide	199	C12H25NO	001120-16-7	64
5	Decanamide-	171	C10H21NO	002319-29-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

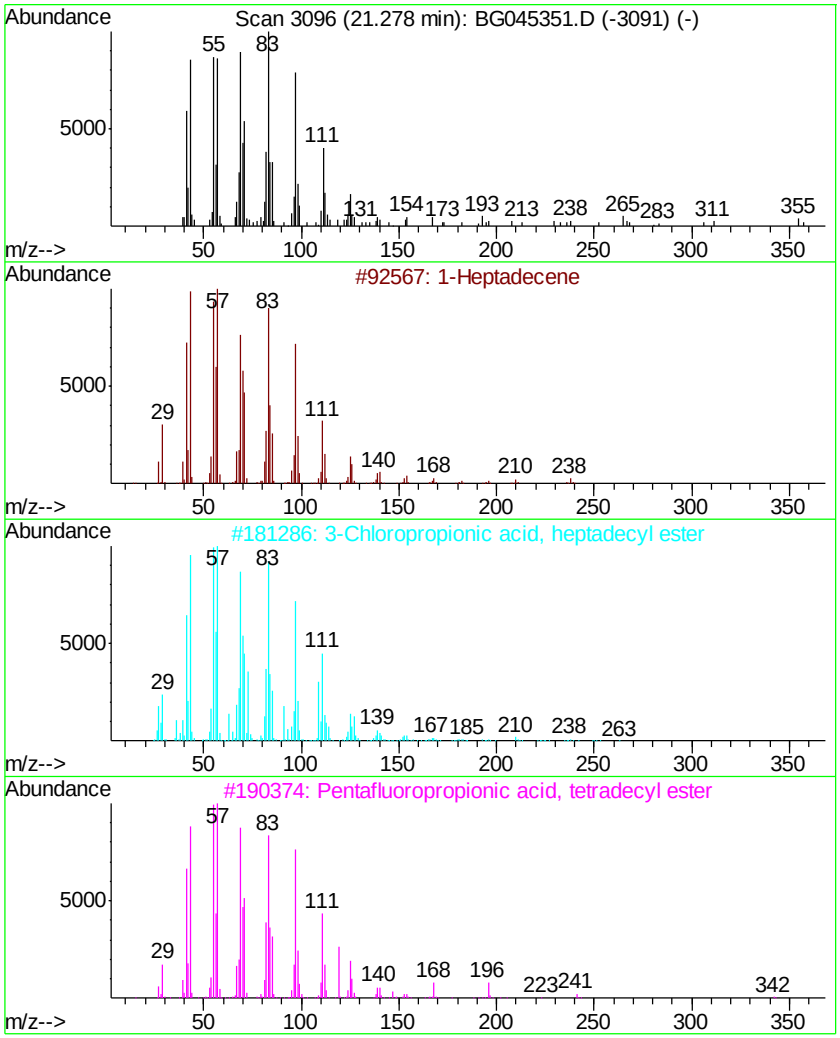
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

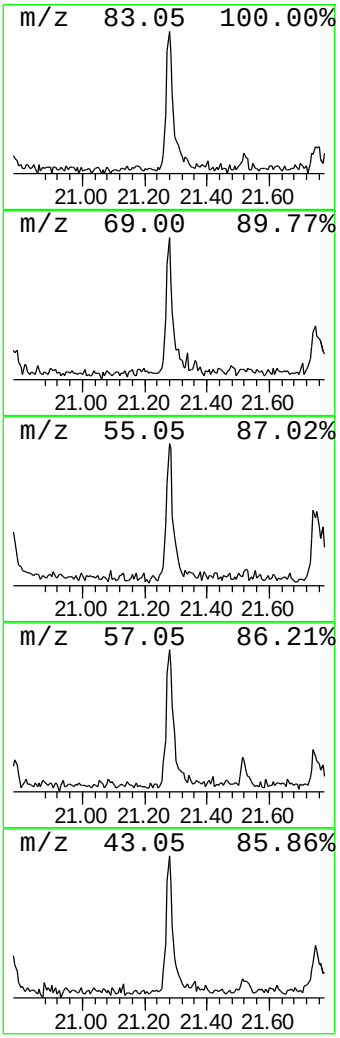
****

Peak Number 6 1-Heptadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.84 ng	161458	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	91
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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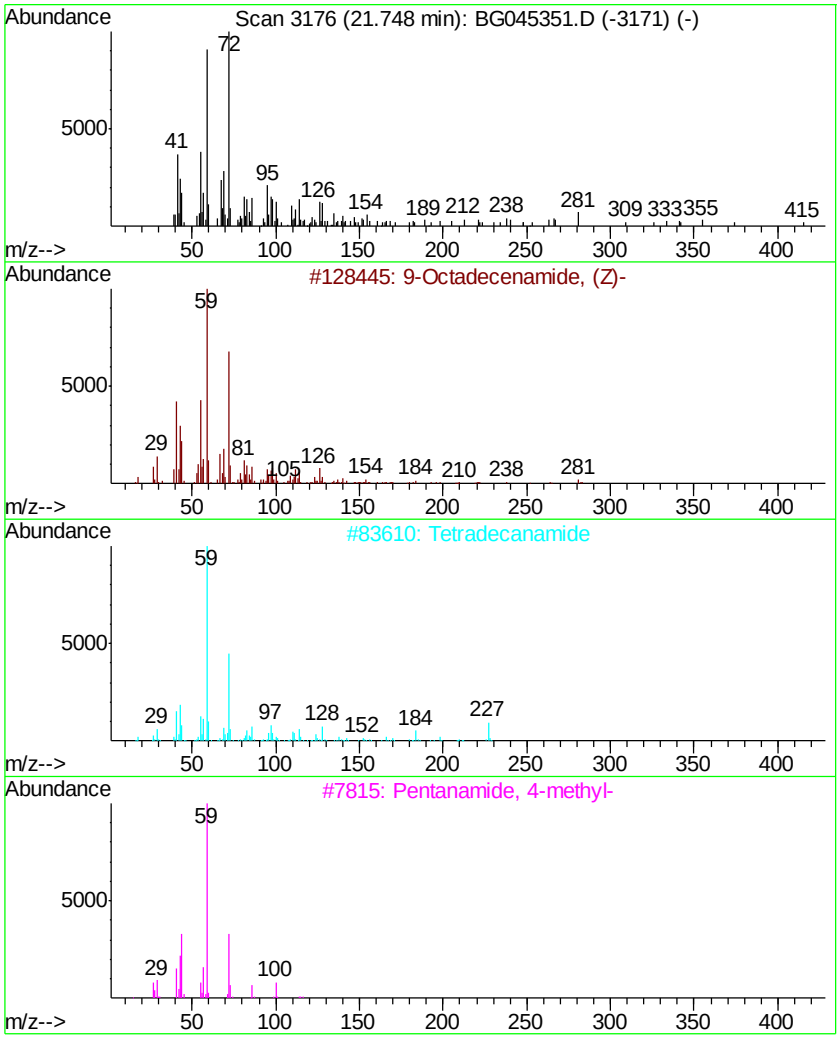
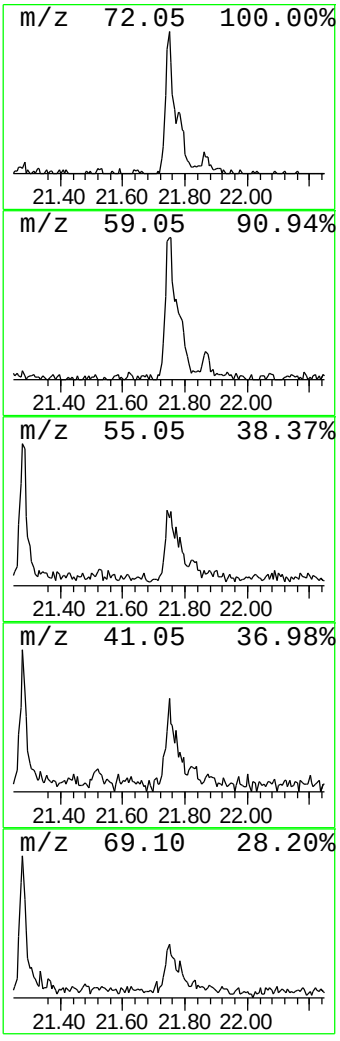
Peak Number 7 unknown21.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.13 ng	121215	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Tetradecanamide	227	C14H29NO	000638-58-4	43
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43
4	Octadecanamide	283	C18H37NO	000124-26-5	35
5	Decanamide-	171	C10H21NO	002319-29-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051220\
Data File : BG045351.D
Acq On : 13 May 2020 7:03
Operator : CG/JU
Sample : L2592-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0361-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
Butane, 2-methoxy...	3.13	41.0	ng	737283	1	7.97	359721	20.0
Tetradecanamide	19.68	2.1	ng	121091	5	21.62	1136970	20.0
9-Octadecenamide,...	20.66	25.3	ng	1440290	5	21.62	1136970	20.0
Hexadecanamide	20.77	2.5	ng	142927	5	21.62	1136970	20.0
1-Heptadecene	21.28	2.8	ng	161458	5	21.62	1136970	20.0
unknown21.75	21.75	2.1	ng	121215	5	21.62	1136970	20.0