LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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	3.123	3	6	14	rVB	48549	88202	2.36%	0.414%
2	3.200	14	19	30	rVB	34663	62162	1.66%	0.292%
3	5.597	420	427	442	rVB	636176	1122741	30.05%	5.268%
4	7.194	691	699	713	rVB	809849	1431518	38.32%	6.717%
5	8.023	833	840	849	rBV	283537	507240	13.58%	2.380%
6	8.346	887	895	905	rBV	677236	1230722	32.94%	5.775%
7	9.180	1029	1037	1050	rBV	557844	1032035	27.62%	4.842%
8	10.831	1309	1318	1326	rBV	424351	776493	20.78%	3.643%
9	13.280	1728	1735	1743	rBV	1708903	2759330	73.86%	12.947%
10	14.103	1867	1875	1882	rBV	237201	363206	9.72%	1.704%
11	14.661	1962	1970	1979	rVB	700598	1146669	30.69%	5.380%
12	16.147	2217	2223	2235	rVB	1410593	2186565	58.53%	10.260%
13	17.404	2428	2437	2444	rVB	832241	1336107	35.76%	6.269%
14	18.291	2582	2588	2593	rBV7	27369	48685	1.30%	0.228%
15	20.012	2876	2881	2887	rVB	2815649	3735973	100.00%	17.530%
16	21.322	3100	3104	3111	rBV5	91136	139606	3.74%	0.655%
17	21.669	3157	3163	3171	rVB2	781777	1290332	34.54%	6.054%
18	21.880	3196	3199	3205	rVB4	62350	92006	2.46%	0.432%
19	22.485	3299	3302	3311	rVB2	104334	183301	4.91%	0.860%
20	23.179	3416	3420	3429	rVB3	106176	214391	5.74%	1.006%
21	23.983	3553	3557	3563	rVB3	104181	208779	5.59%	0.980%
22	24.865	3698	3707	3716	rBV2	460591	1356317	36.30%	6.364%

Sum of corrected areas: 21312380

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
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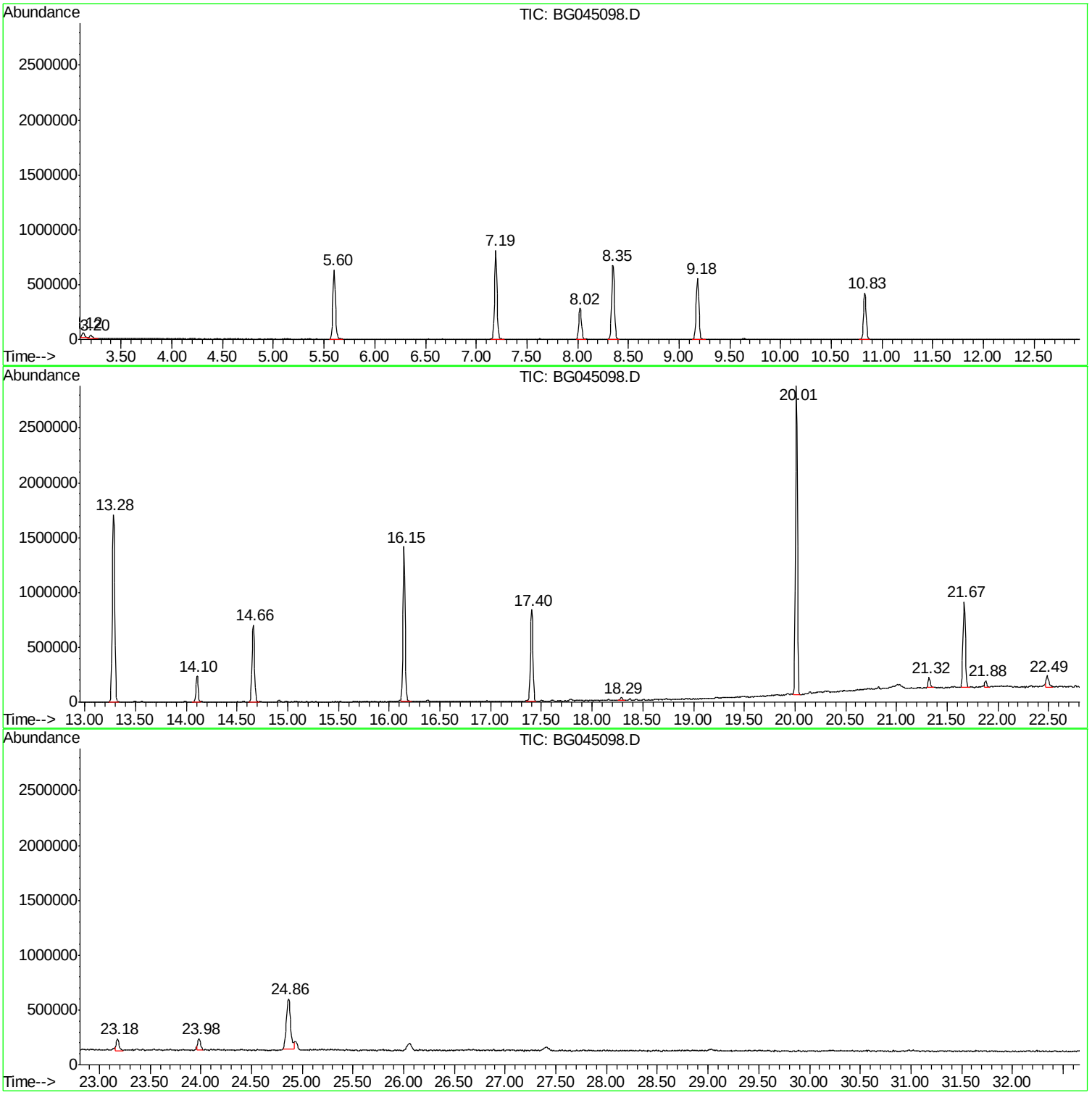
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
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Instrument : BNA_G
ClientSampleId : S-2

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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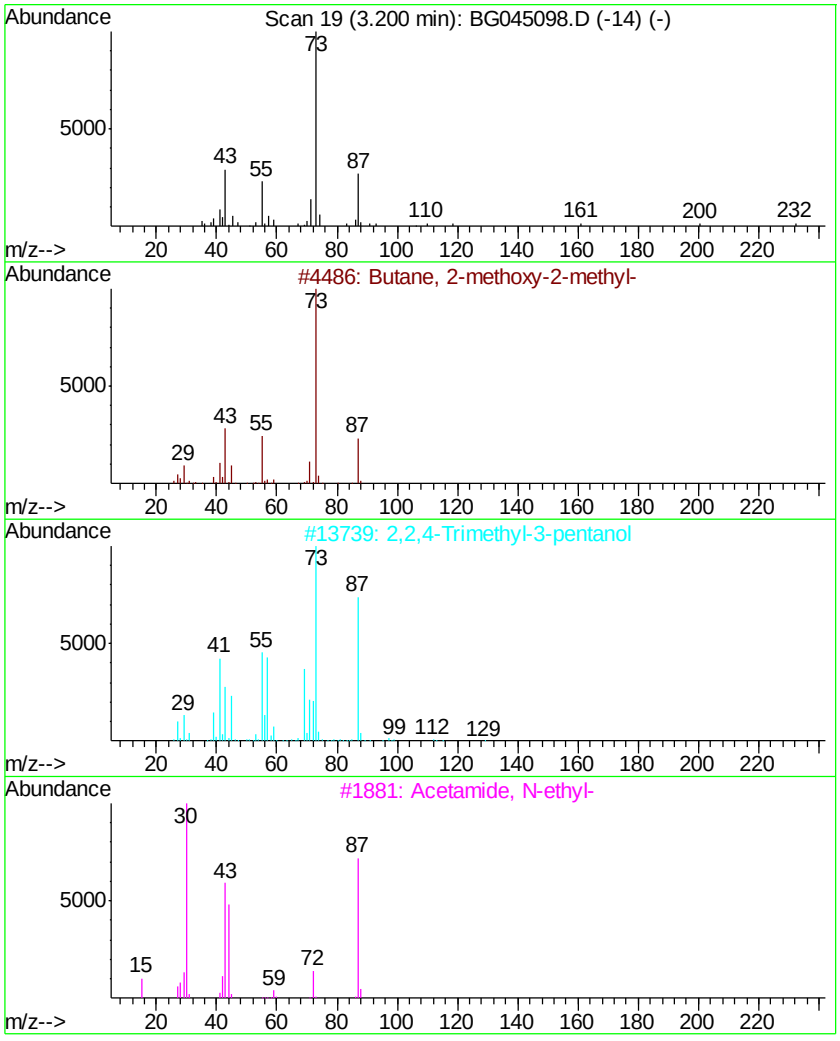
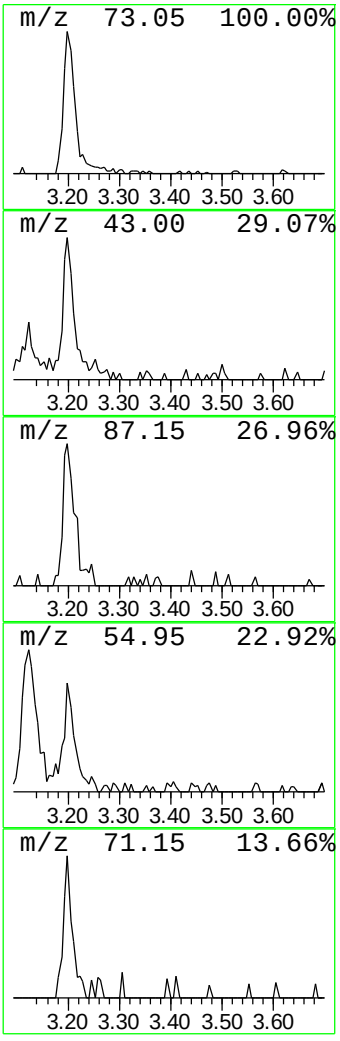
Peak Number 2 unknown3.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.45 ng	62162	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	25
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Hydantoic acid	118	C3H6N2O3	000462-60-2	9





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Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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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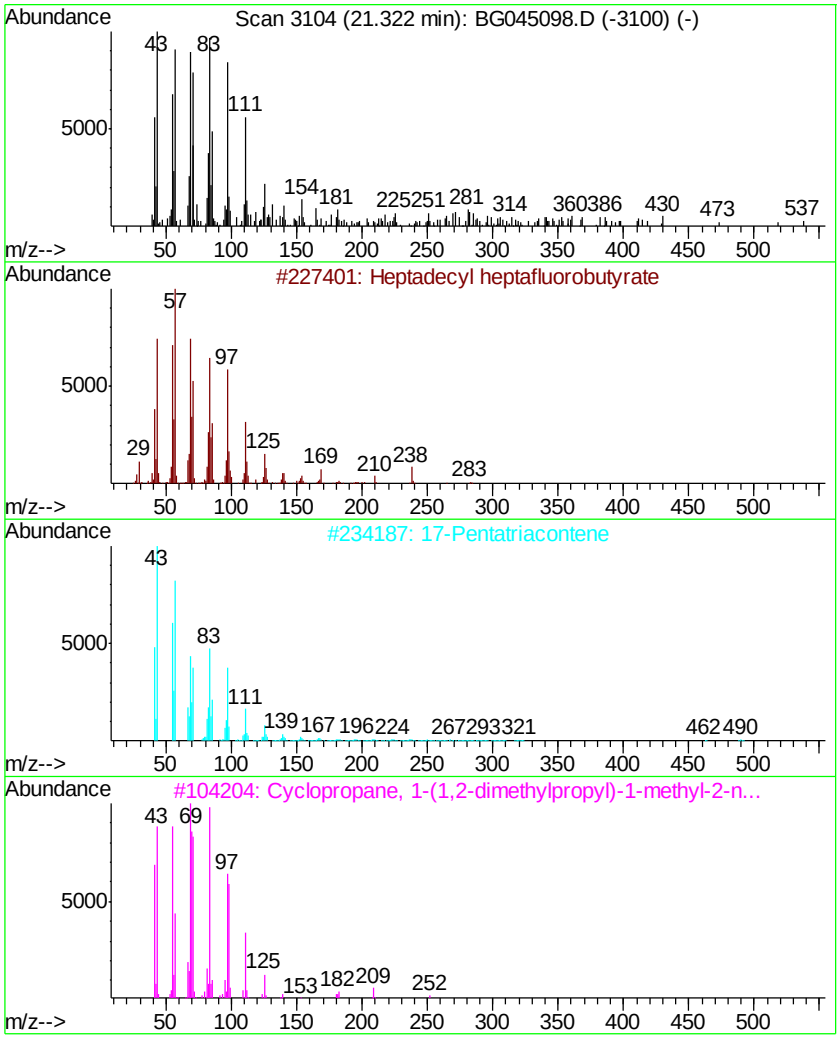
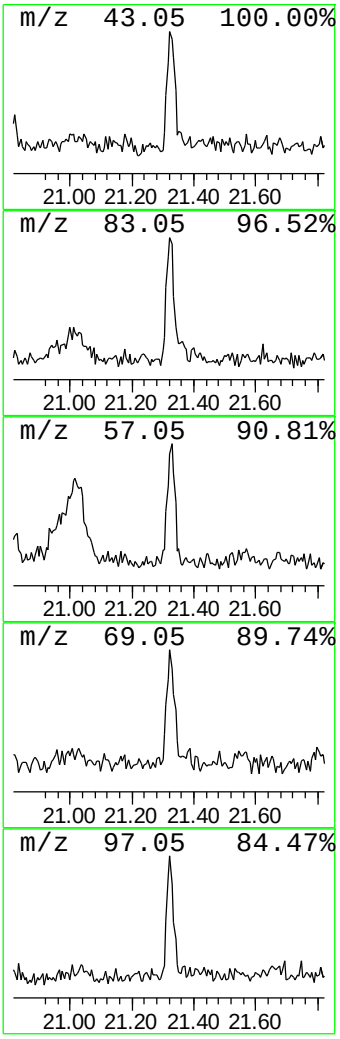
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.16 ng	139606	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	87
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	83
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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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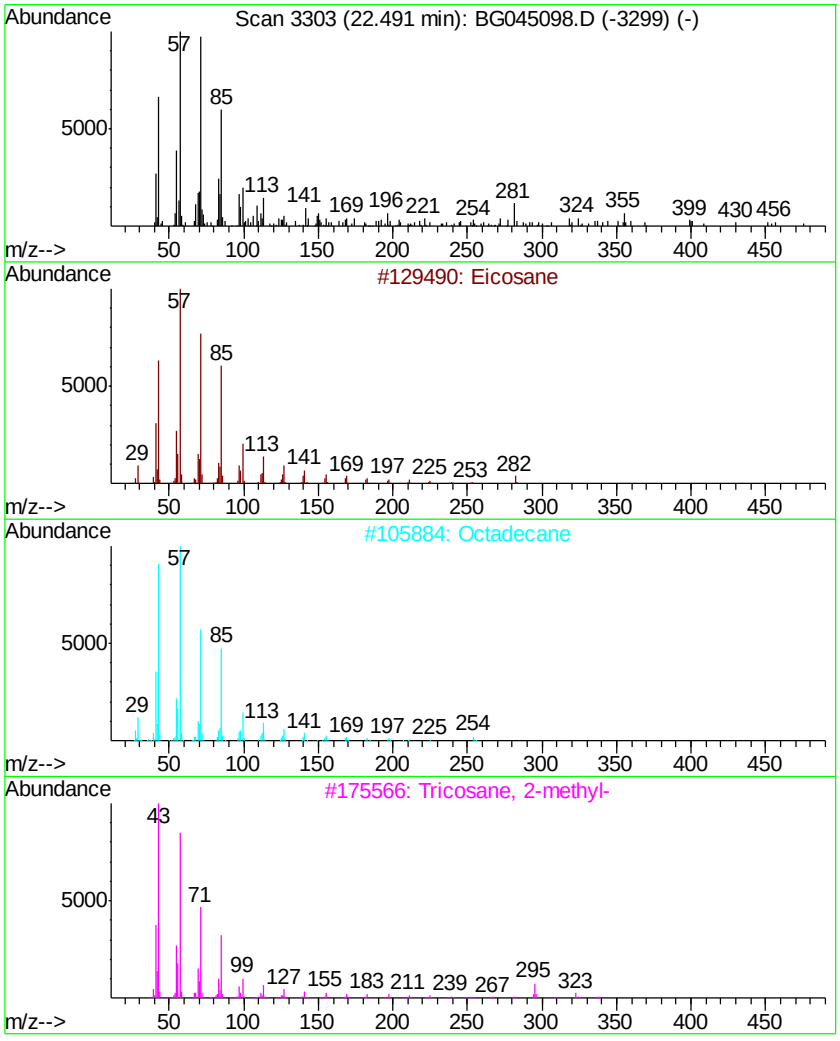
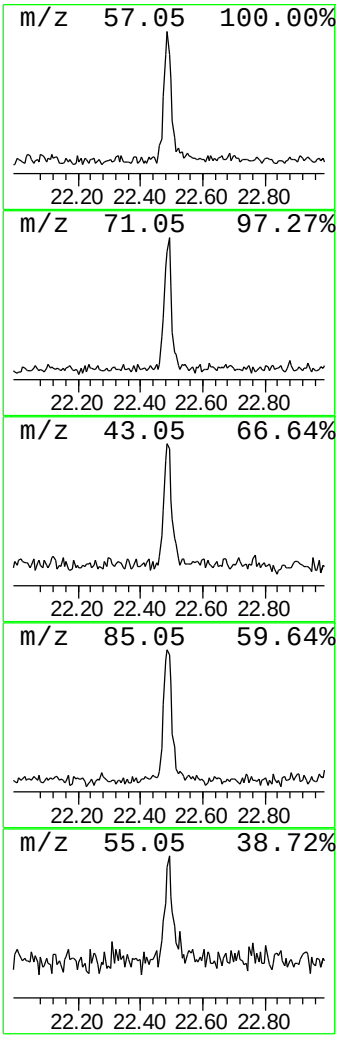
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.84 ng	183301	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Octadecane	254	C18H38	000593-45-3	89
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	76
4	Tricosane	324	C23H48	000638-67-5	68
5	Heptadecane	240	C17H36	000629-78-7	68





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Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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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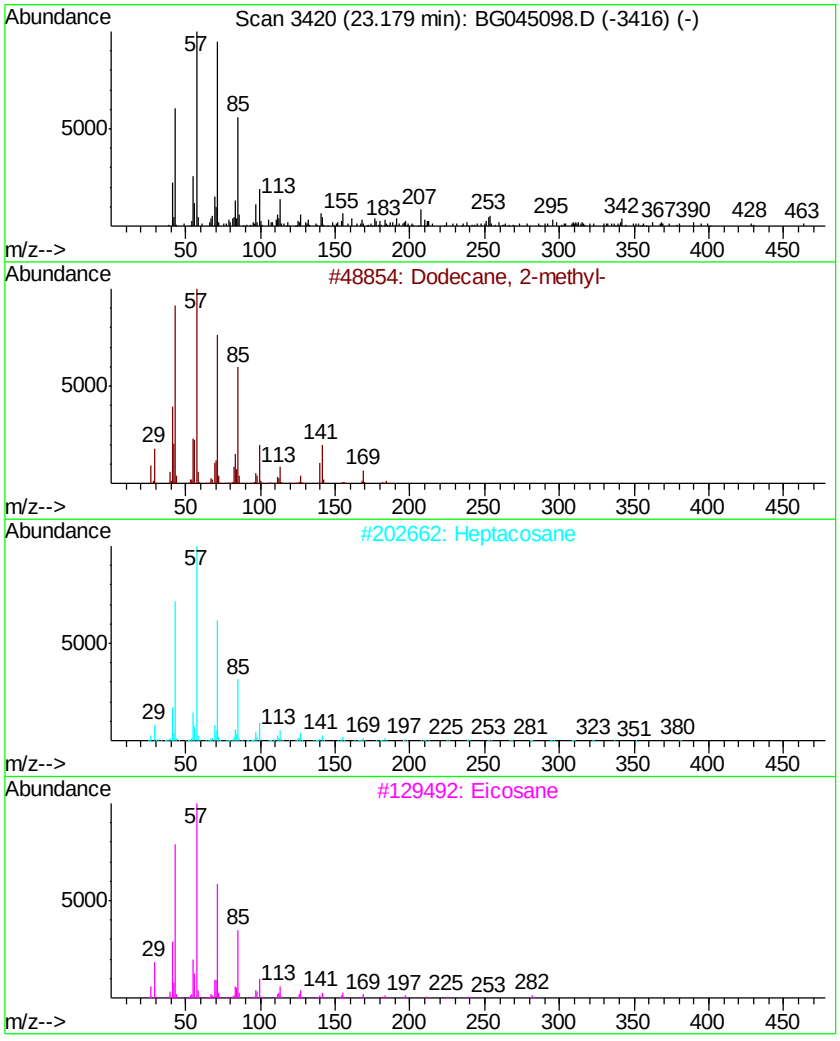
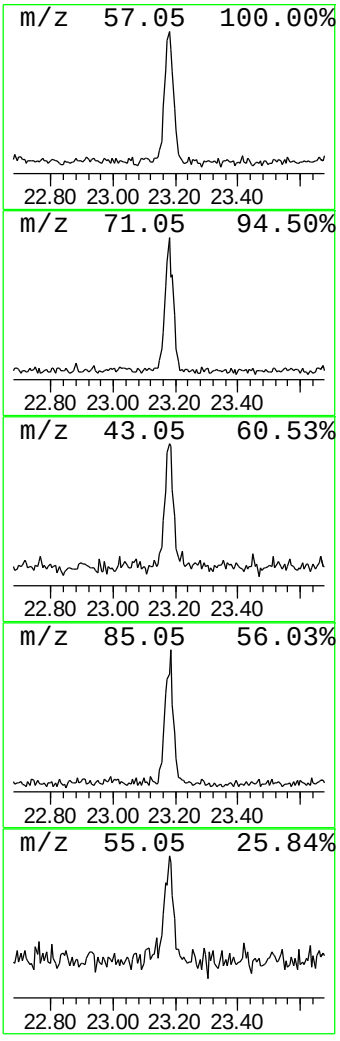
Peak Number 6 Dodecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.32 ng	214391	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Octadecane	254	C18H38	000593-45-3	80





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Data File : BG045098.D
Acq On : 20 Apr 2020 16:24
Operator : CG/JU
Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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

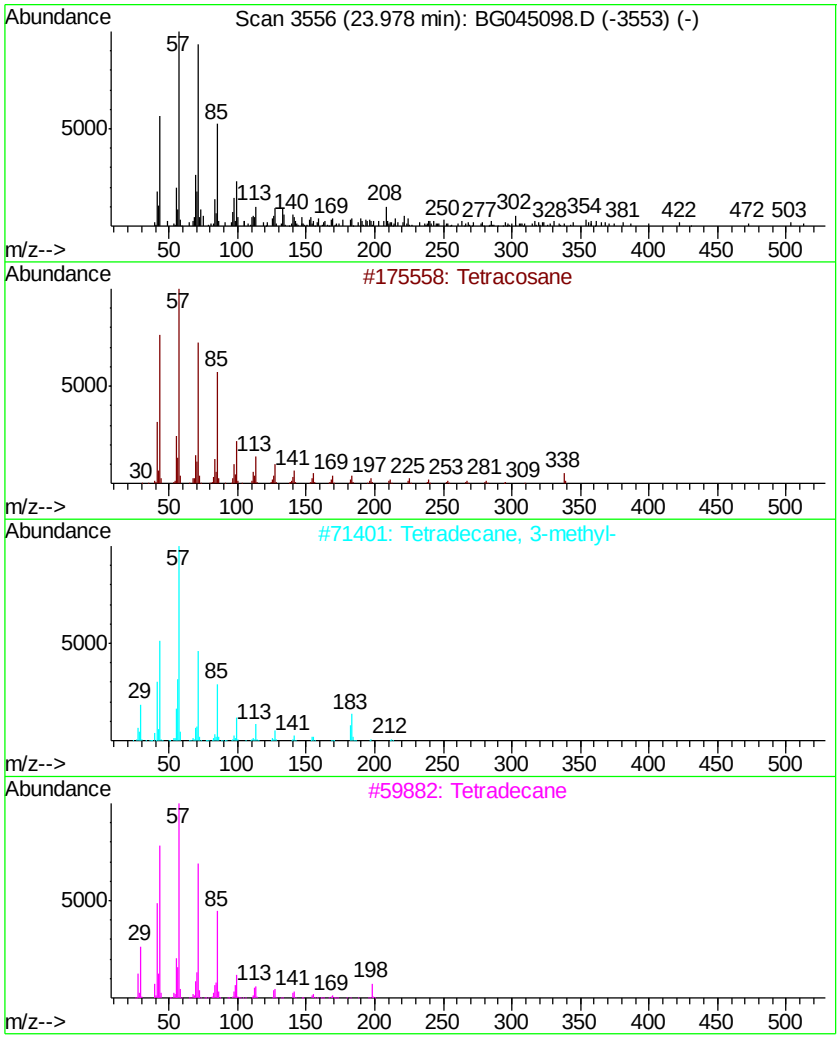
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

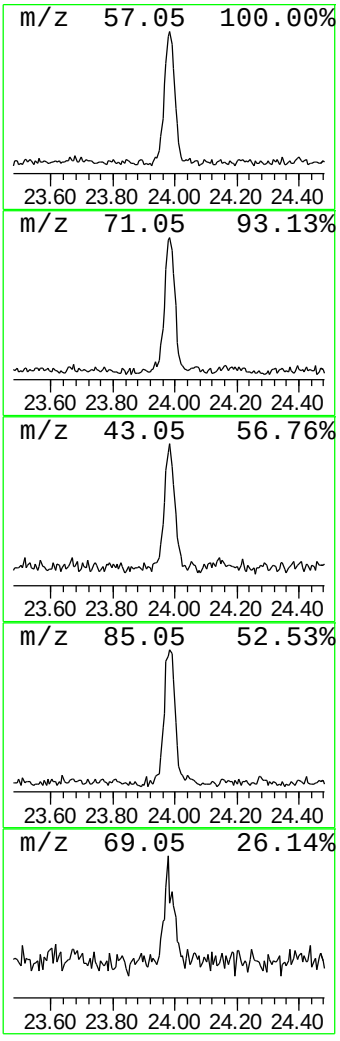
****

Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.08 ng	208779	Perylene-d12	24.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042020\
Data File : BG045098.D
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Sample : L2346-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2

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
unknown3.20	3.20	2.5	ng	62162	1	8.03	507240	20.0
Heptadecyl heptaf...	21.32	2.2	ng	139606	5	21.67	1290330	20.0
Eicosane	22.49	2.8	ng	183301	5	21.67	1290330	20.0
Dodecane, 2-methyl-	23.18	3.3	ng	214391	5	21.67	1290330	20.0
Tetracosane	23.98	3.1	ng	208779	6	24.87	1356320	20.0