LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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	3.118	3	5	12	rVB2	57321	88411	2.18%	0.406%
2	3.200	15	19	25	rVB	43470	66041	1.63%	0.303%
3	5.597	420	427	441	rBV	764519	1353106	33.32%	6.207%
4	7.195	691	699	710	rBV	885499	1614124	39.75%	7.404%
5	8.023	832	840	848	rBV	267840	461686	11.37%	2.118%
6	8.346	886	895	904	rBV	765458	1393490	34.32%	6.392%
7	9.181	1027	1037	1048	rBV	615973	1141107	28.10%	5.234%
8	10.831	1309	1318	1328	rBV	364347	678849	16.72%	3.114%
9	13.281	1728	1735	1744	rBV	1870448	2934375	72.26%	13.460%
10	14.103	1870	1875	1888	rVB	229192	353812	8.71%	1.623%
11	14.656	1963	1969	1976	rBV	605752	978718	24.10%	4.489%
12	16.148	2216	2223	2233	rBV	1459233	2271075	55.93%	10.418%
13	17.405	2429	2437	2446	rBV	785319	1182161	29.11%	5.423%
14	20.013	2875	2881	2887	rBV	3085188	4060722	100.00%	18.627%
15	21.323	3100	3104	3112	rBV3	107621	176806	4.35%	0.811%
16	21.664	3157	3162	3170	rVB	696212	1183088	29.13%	5.427%
17	21.881	3195	3199	3204	rVB	44250	53340	1.31%	0.245%
18	22.486	3298	3302	3309	rVB3	74694	138995	3.42%	0.638%
19	23.179	3416	3420	3426	rVB2	76829	148033	3.65%	0.679%
20	23.978	3552	3556	3563	rVB2	84712	168365	4.15%	0.772%
21	24.865	3697	3707	3715	rBV2	403741	1198962	29.53%	5.500%
22	26.058	3904	3910	3919	rVB9	56301	155080	3.82%	0.711%

Sum of corrected areas: 21800346

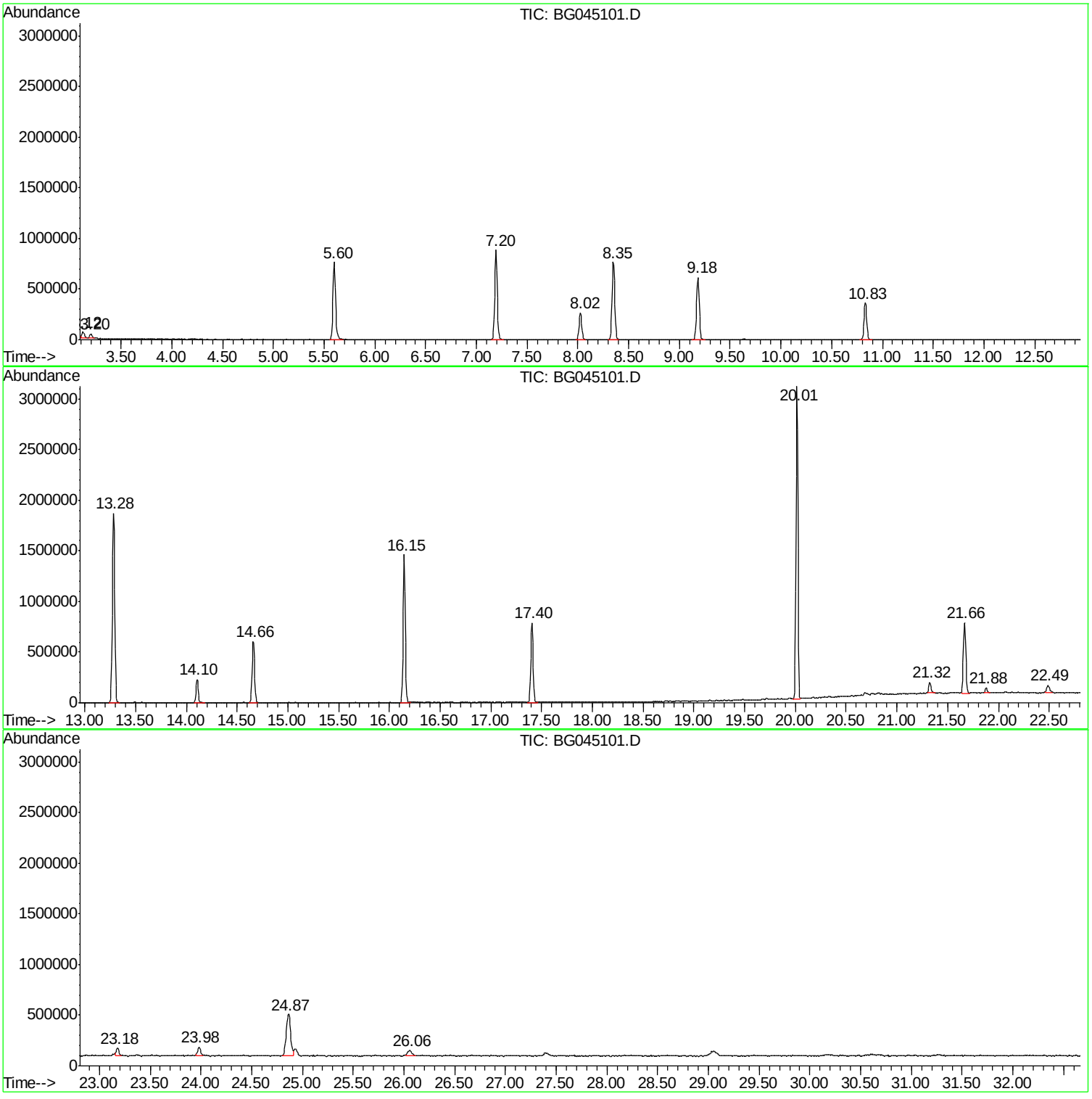
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-5

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\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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

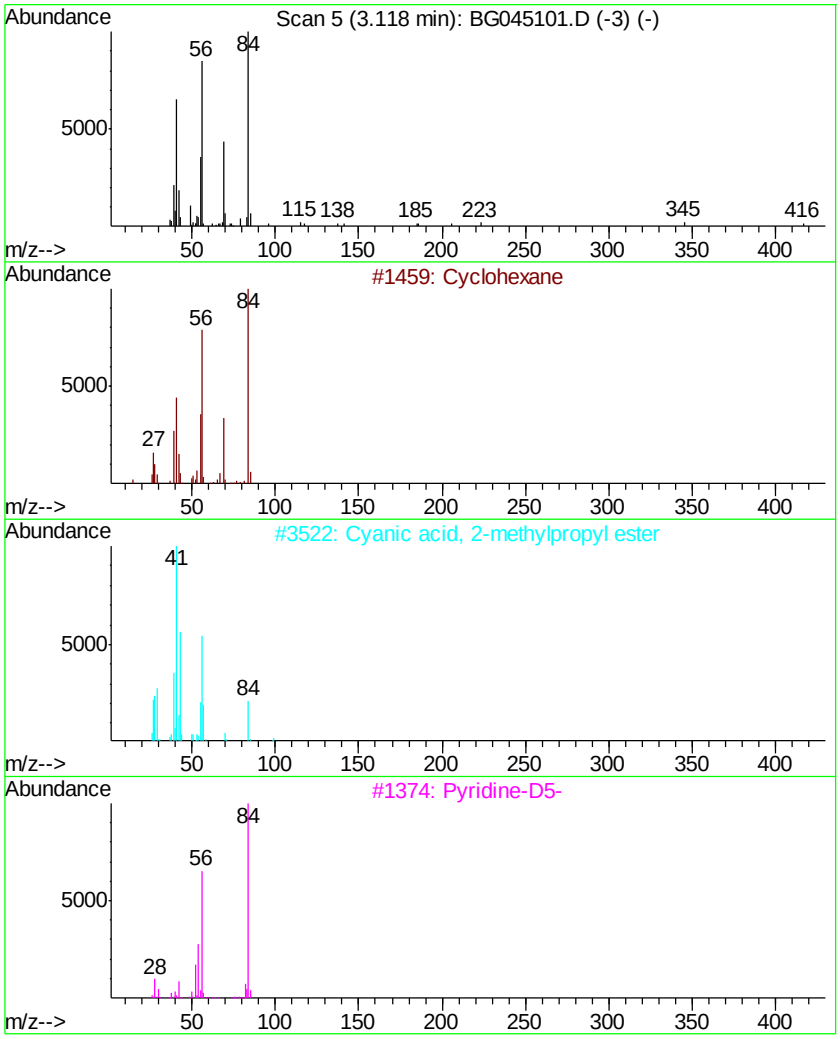
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

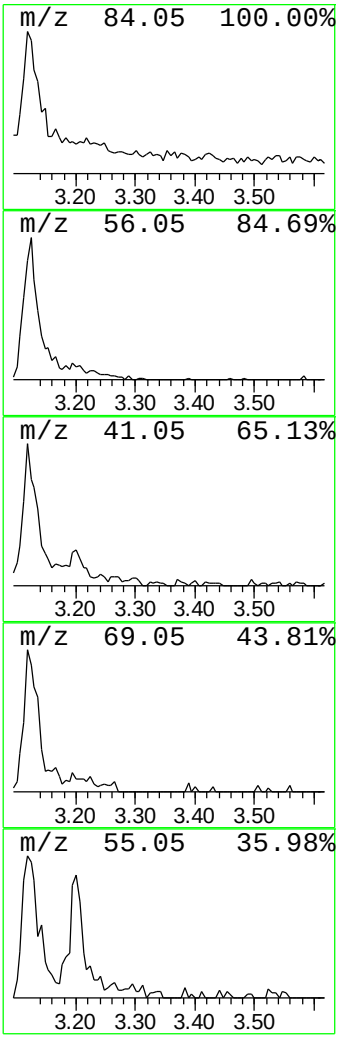
****

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	3.83 ng	88411	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
3	Pyridine-D5-	84	C5D5N	007291-22-7	64
4	1,3a-Epoxy(3aH)indene, 1,4,5,6,7...	206	C14H22O	125257-62-7	56
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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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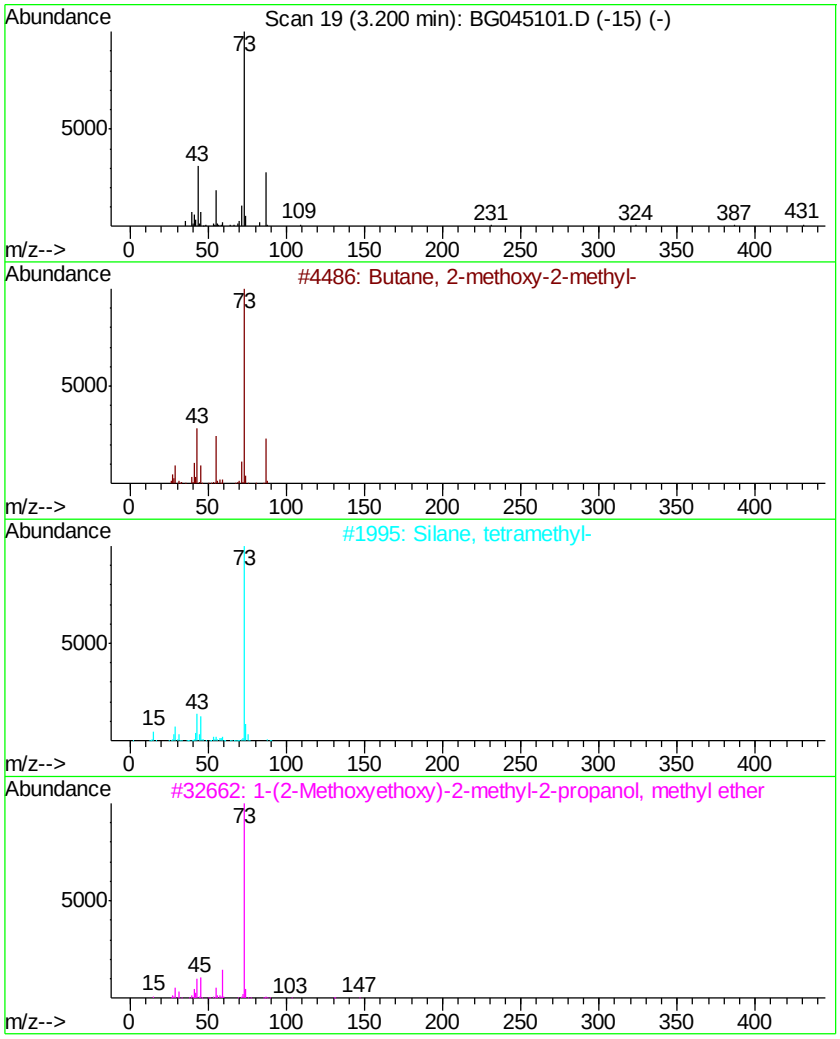
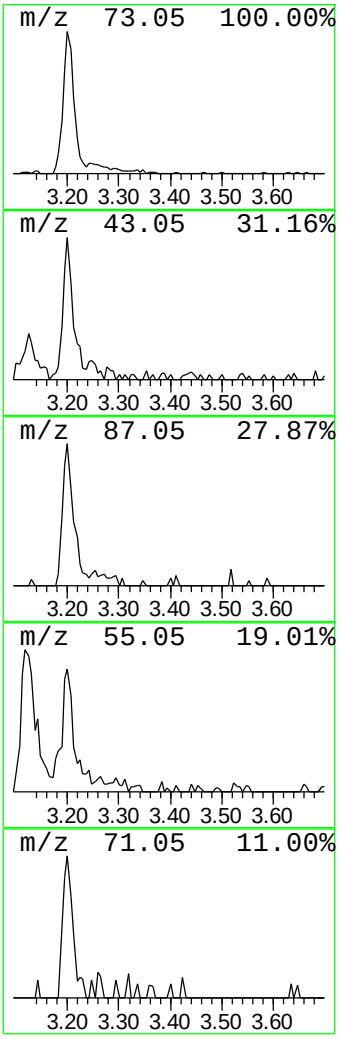
Peak Number 2 unknown3.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.86 ng	66041	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	10
4	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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

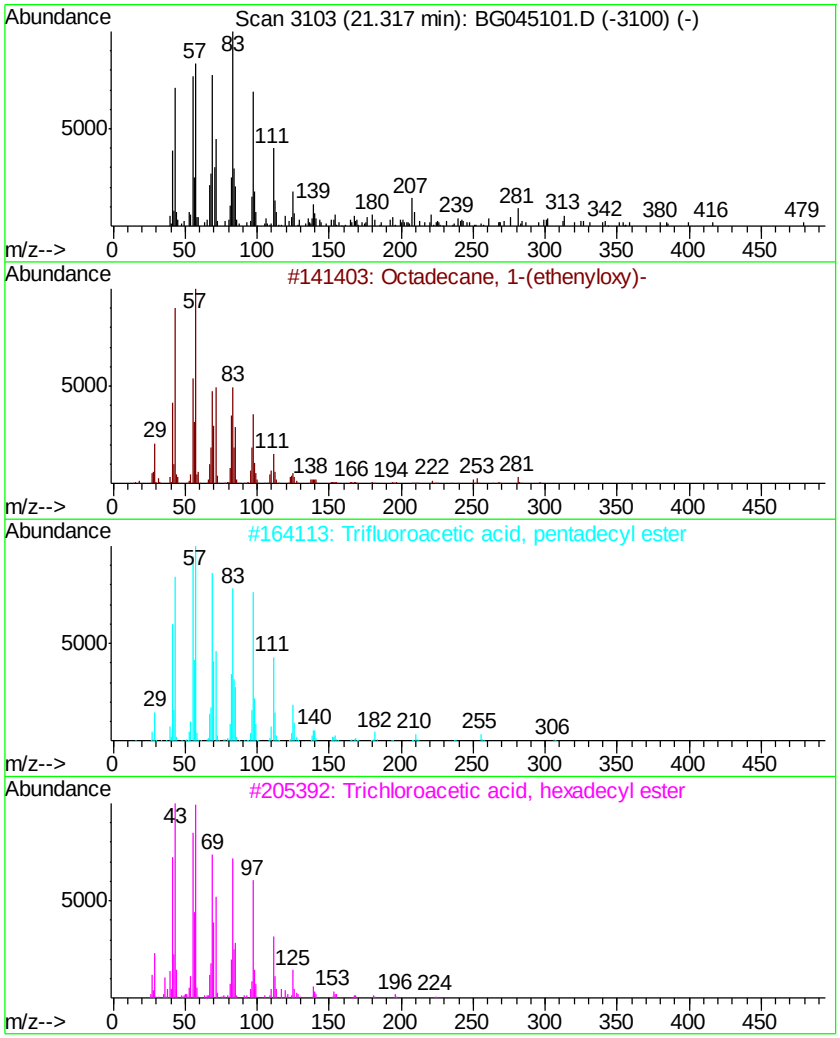
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

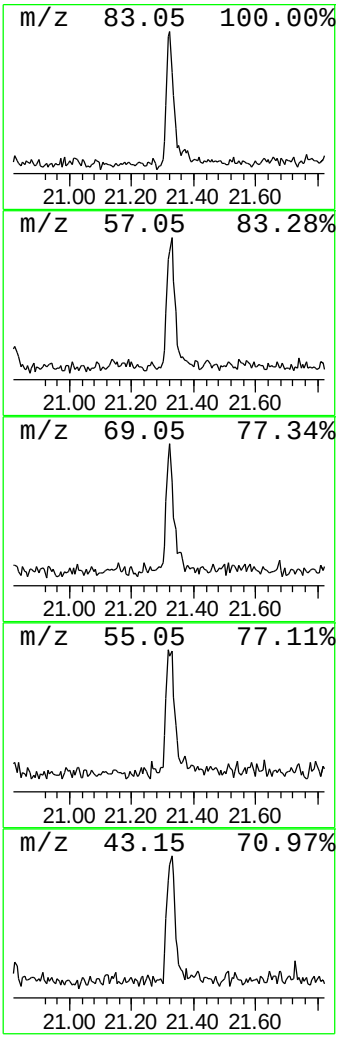
****

Peak Number 4 Octadecane, 1-(ethenyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.99 ng	176806	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	86
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
4	1-Tricosene	322	C23H46	018835-32-0	70
5	Behenic alcohol	326	C22H46O	000661-19-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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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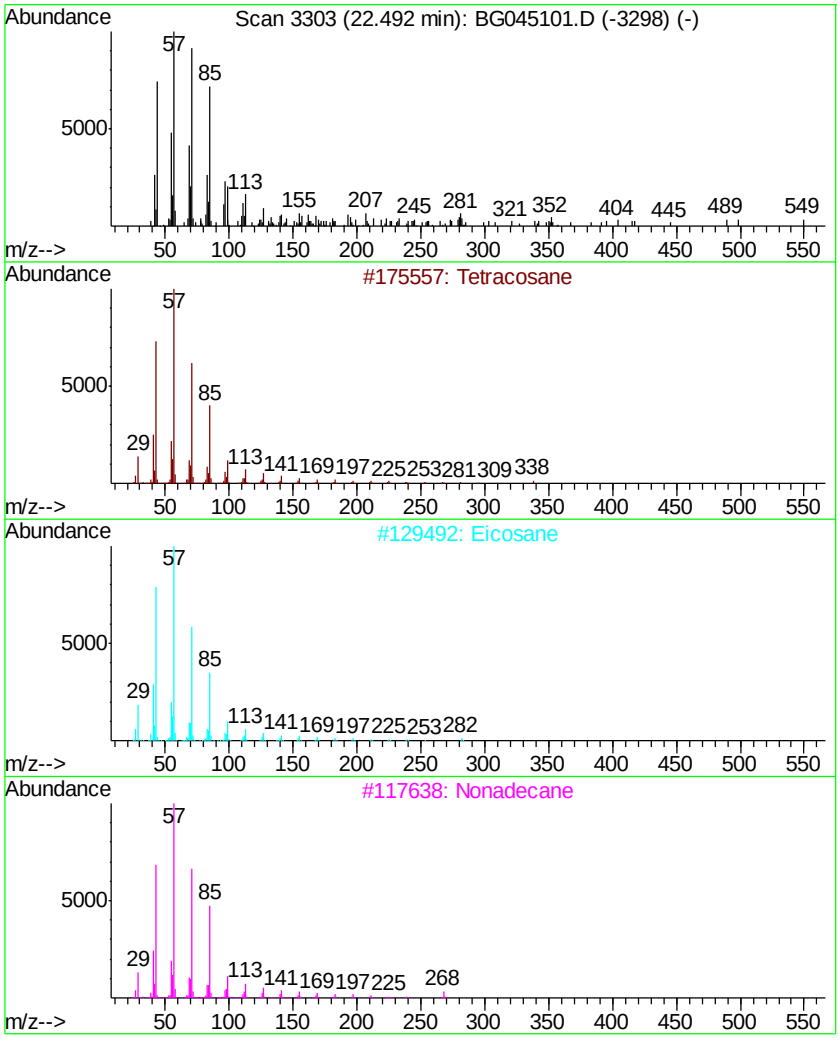
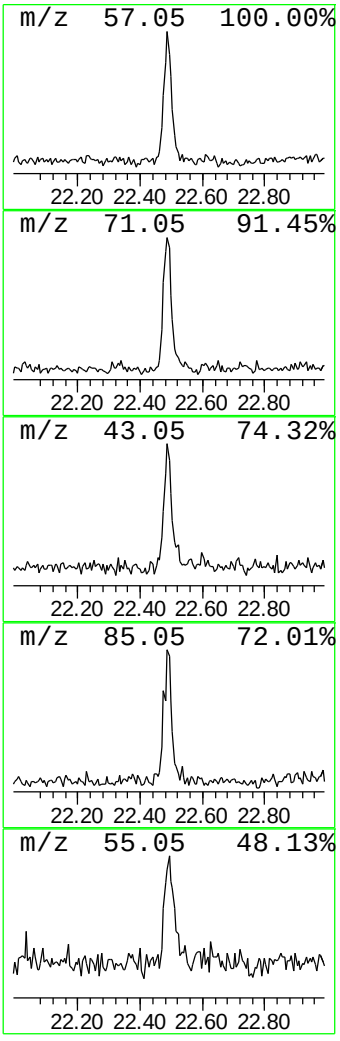
Peak Number 5 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.35 ng	138995	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Eicosane	282	C20H42	000112-95-8	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
5	Heneicosane	296	C21H44	000629-94-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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

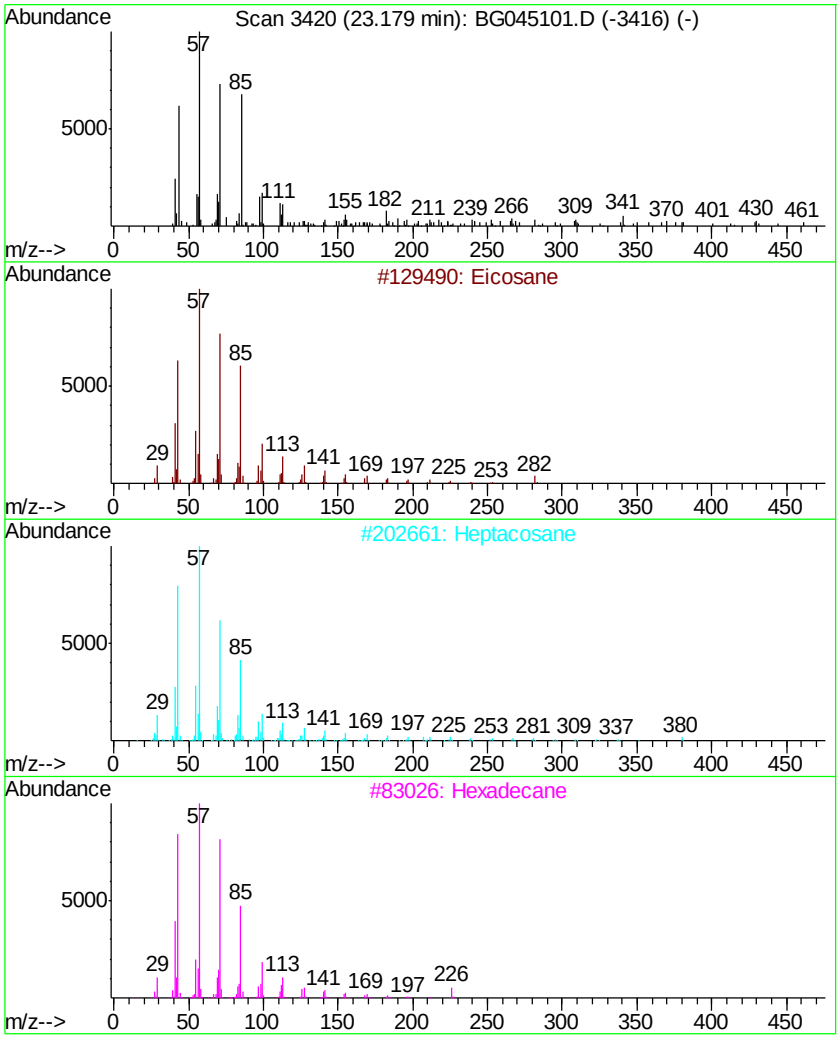
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

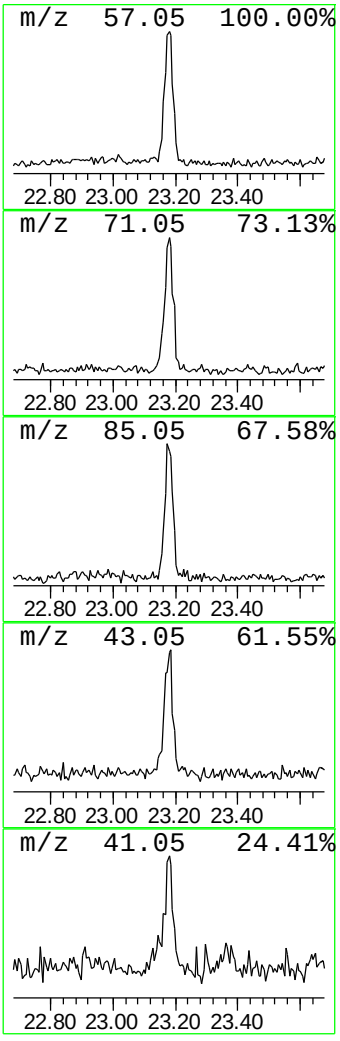
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.50 ng	148033	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane	226	C16H34	000544-76-3	83
4	Hexacosane	366	C26H54	000630-01-3	80
5	Hentriacontane	437	C31H64	000630-04-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
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Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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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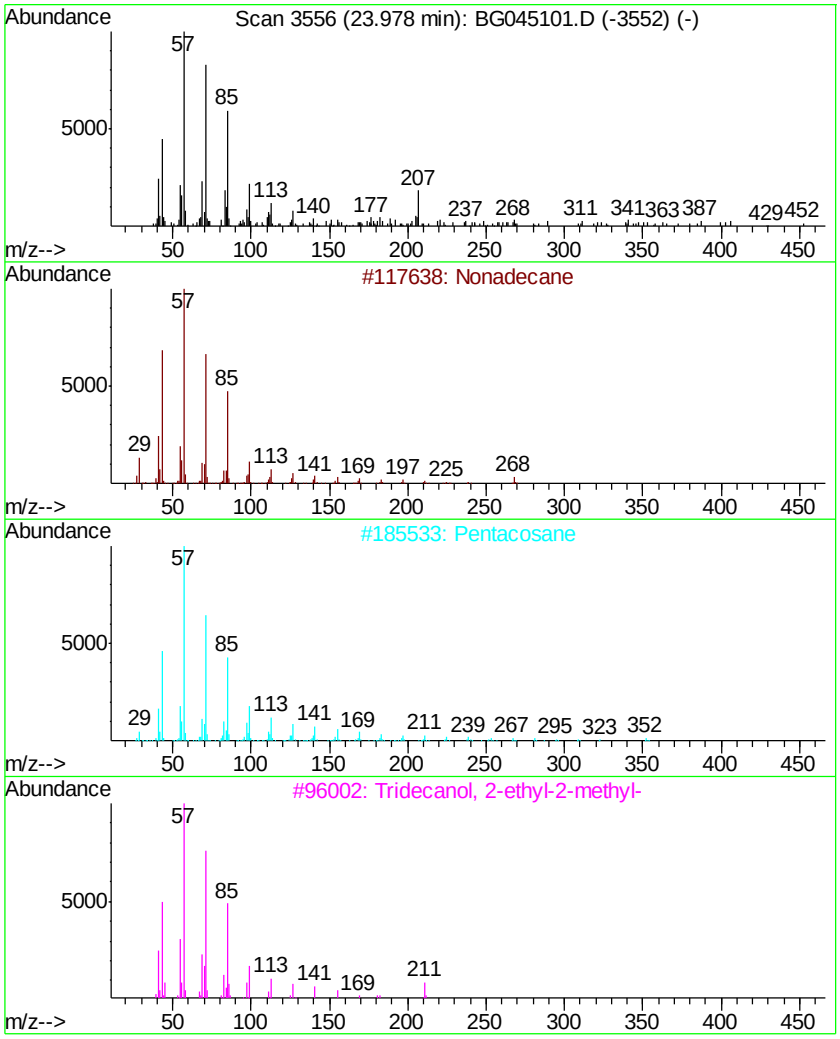
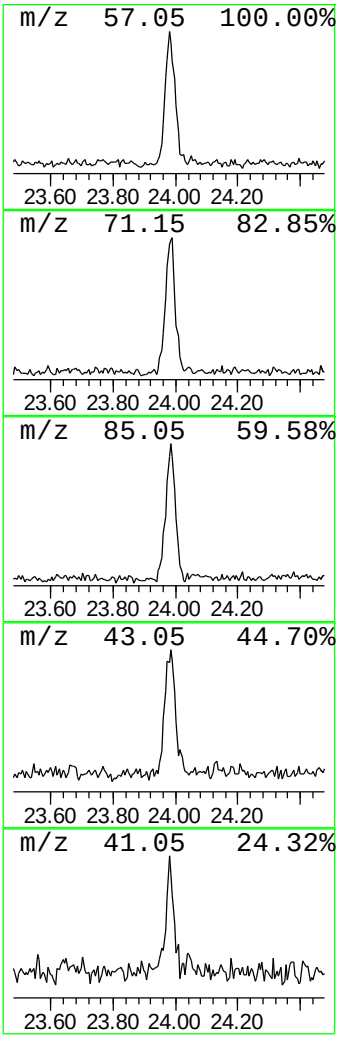
Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.81 ng	168365	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Pentacosane	352	C25H52	000629-99-2	72
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





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Data File : BG045101.D
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Operator : CG/JU
Sample : L2346-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-5

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

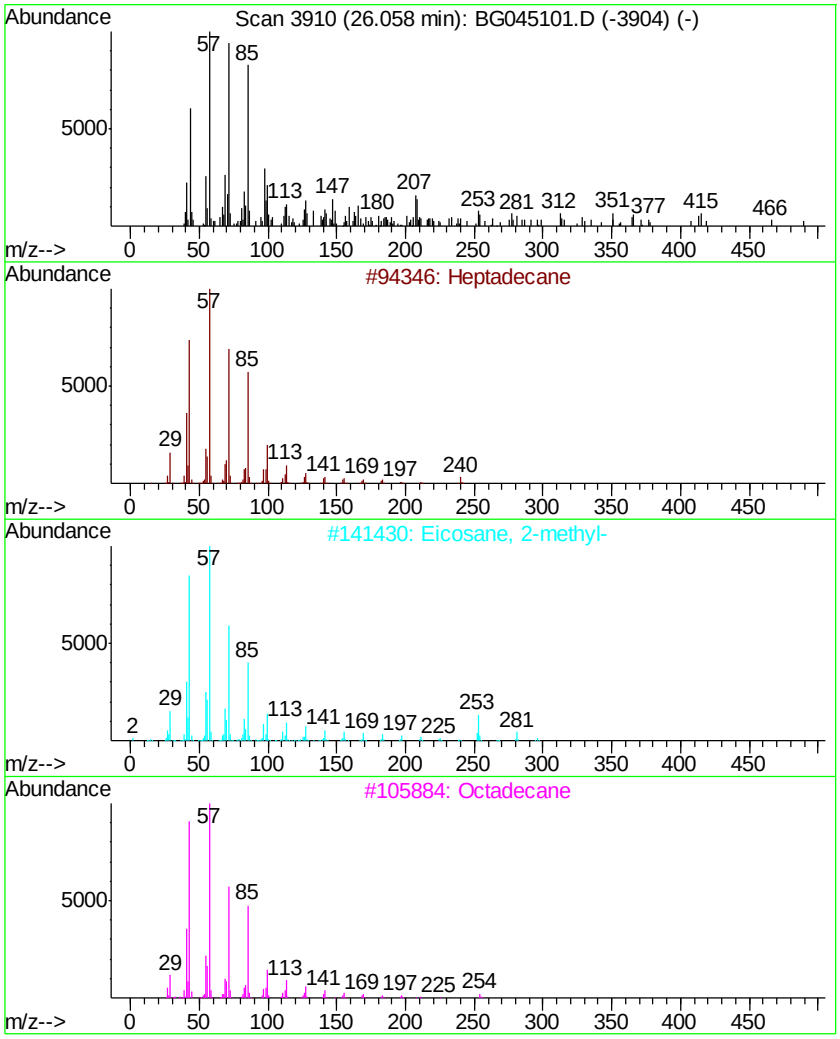
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

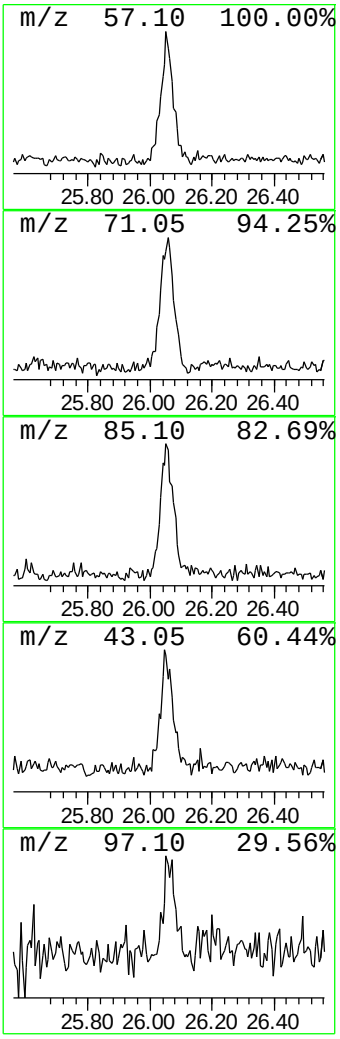
****

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.59 ng	155080	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
3	Octadecane	254	C18H38	000593-45-3	81
4	Heneicosane	296	C21H44	000629-94-7	76
5	Eicosane	282	C20H42	000112-95-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042020\
Data File : BG045101.D
Acq On : 20 Apr 2020 18:23
Operator : CG/JU
Sample : L2346-07
Misc :
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Instrument : BNA_G
ClientSampleId : S-5

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
Cyclohexane	3.12	3.8	ng	88411	1	8.02	461686	20.0
unknown3.20	3.20	2.9	ng	66041	1	8.02	461686	20.0
Octadecane, 1-(et...	21.32	3.0	ng	176806	5	21.67	1183090	20.0
Tetracosane	22.49	2.4	ng	138995	5	21.67	1183090	20.0
Eicosane	23.18	2.5	ng	148033	5	21.67	1183090	20.0
Nonadecane	23.98	2.8	ng	168365	6	24.86	1198960	20.0
Heptadecane	26.06	2.6	ng	155080	6	24.86	1198960	20.0