LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

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-BG073020.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	3.158	7	12	22	rVB	228412	347103	9.67%	1.301%
2	5.068	332	337	345	rBV	35882	55468	1.54%	0.208%
3	5.532	408	416	426	rBV	813257	1318458	36.72%	4.941%
4	7.112	676	685	698	rBV	816233	1433097	39.91%	5.370%
5	7.547	754	759	767	rBV	40602	75543	2.10%	0.283%
6	7.947	820	827	836	rBV	336397	569228	15.85%	2.133%
7	9.104	1013	1024	1037	rBV	565088	1034563	28.81%	3.877%
8	10.744	1294	1303	1312	rBV	470910	852974	23.75%	3.196%
9	13.199	1714	1721	1732	rBV	1727335	2632813	73.32%	9.866%
10	13.481	1763	1769	1779	rBV	622363	1000930	27.88%	3.751%
11	14.028	1855	1862	1868	rBV	350325	555228	15.46%	2.081%
12	14.422	1925	1929	1935	rVB6	37841	64375	1.79%	0.241%
13	14.486	1936	1940	1946	rBV8	21398	37304	1.04%	0.140%
14	14.574	1946	1955	1962	rBV	794972	1325752	36.92%	4.968%
15	15.379	2088	2092	2097	rVB2	57397	82939	2.31%	0.311%
16	15.708	2144	2148	2158	rVB	202635	304072	8.47%	1.139%
17	16.061	2203	2208	2217	rBV	1202144	1822287	50.75%	6.829%
18	17.318	2417	2422	2426	rBV	883306	1337376	37.25%	5.011%
19	19.369	2767	2771	2779	rVB	374513	593968	16.54%	2.226%
20	19.727	2828	2832	2840	rVB	360157	526228	14.66%	1.972%
21	19.933	2862	2867	2872	rVB	2787140	3590717	100.00%	13.455%
22	21.231	3084	3088	3096	rVB4	329635	522460	14.55%	1.958%
23	21.560	3137	3144	3149	rBV2	972649	1811265	50.44%	6.787%
24	21.607	3149	3152	3160	rVB	169258	272642	7.59%	1.022%
25	21.778	3178	3181	3186	rVB	96780	119736	3.33%	0.449%
26	22.371	3278	3282	3288	rVB3	165051	277585	7.73%	1.040%
27	23.041	3391	3396	3402	rVB	188745	332838	9.27%	1.247%
28	23.687	3500	3506	3514	rBV	151129	454906	12.67%	1.705%
29	23.822	3523	3529	3534	rBV	247392	507454	14.13%	1.902%
30	24.380	3619	3624	3633	rVB2	97935	256949	7.16%	0.963%
31	24.674	3665	3674	3680	rBV2	592772	1609670	44.83%	6.032%
32	24.733	3681	3684	3693	rVB2	198378	440522	12.27%	1.651%
33	25.832	3863	3871	3880	rBV3	183111	519831	14.48%	1.948%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-53

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-BG073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 26686281

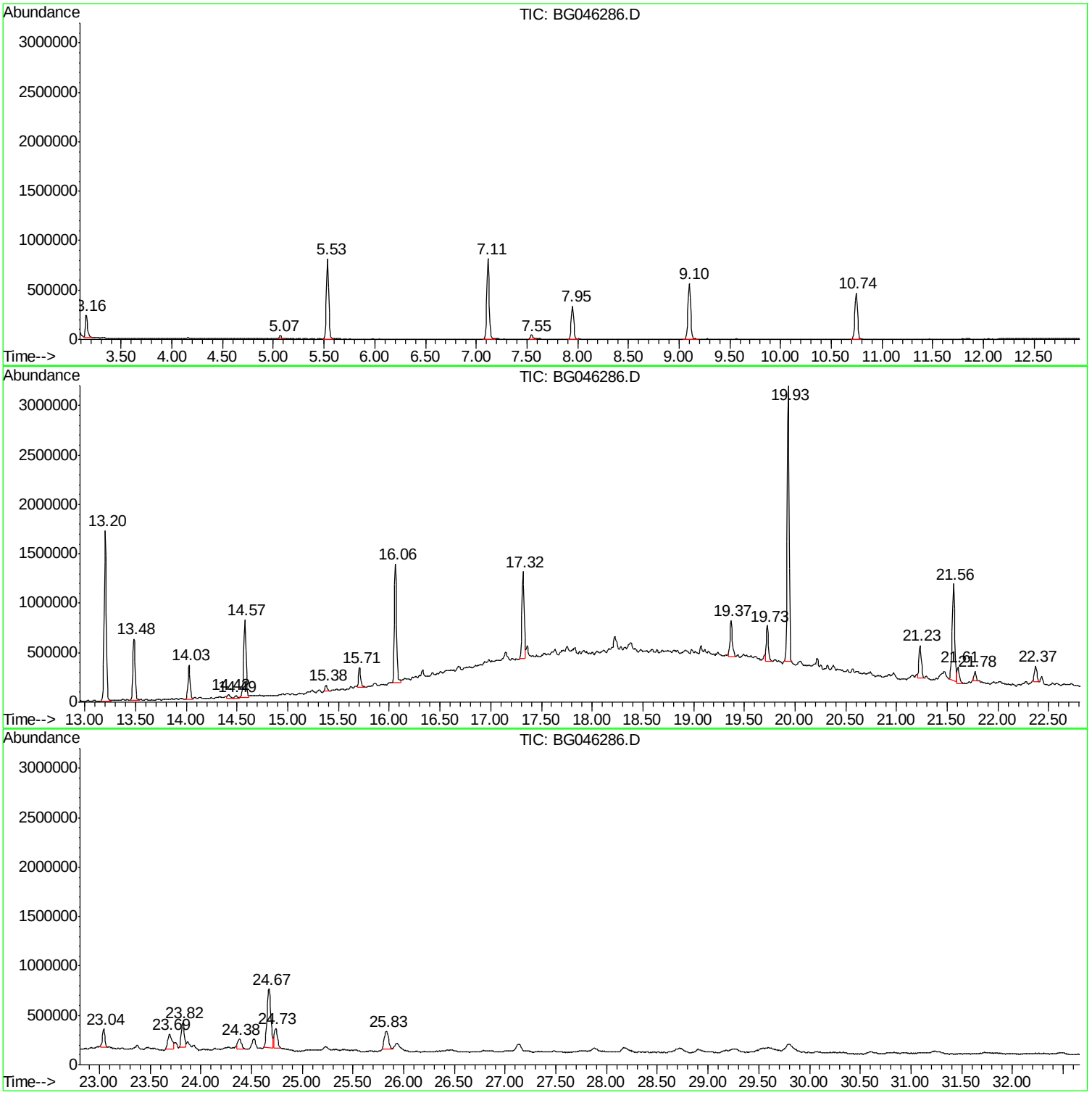
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

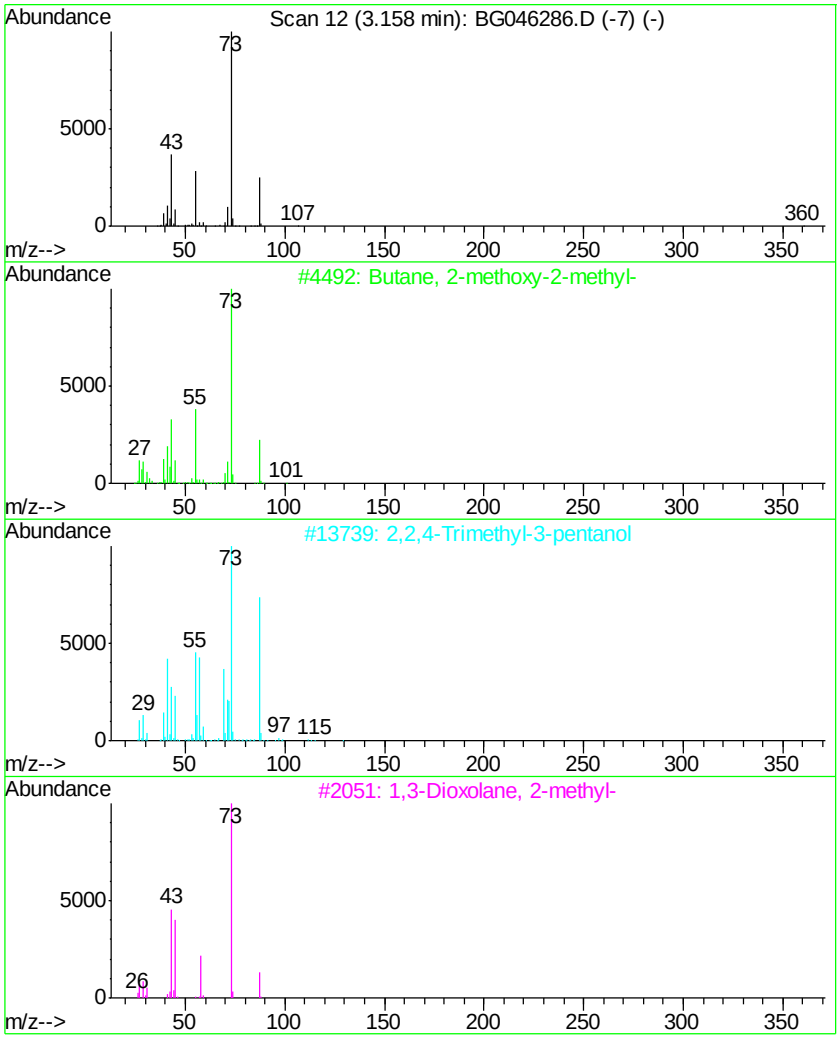
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

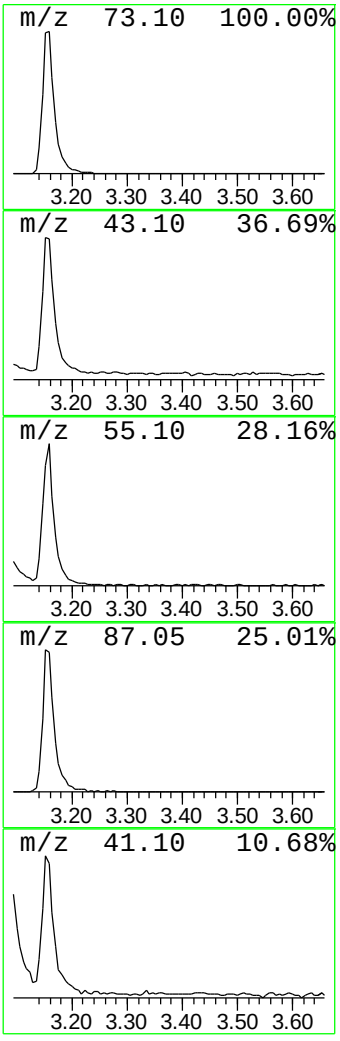
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	12.20 ng	347103	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

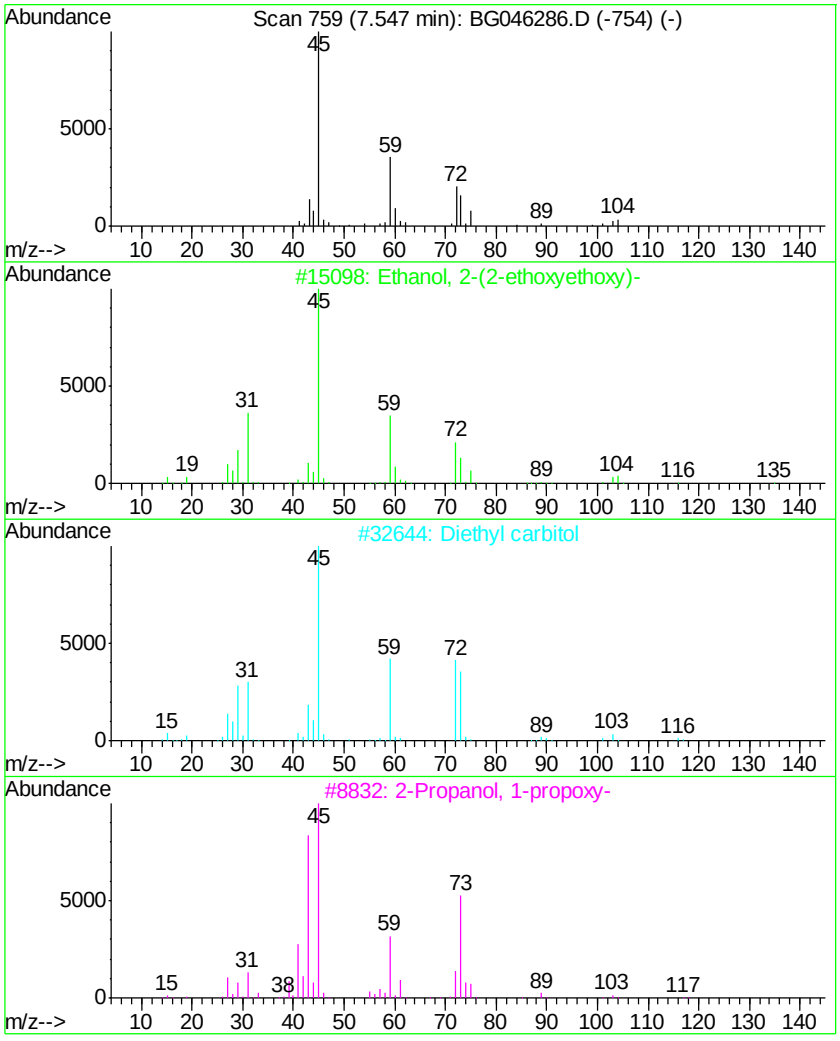
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

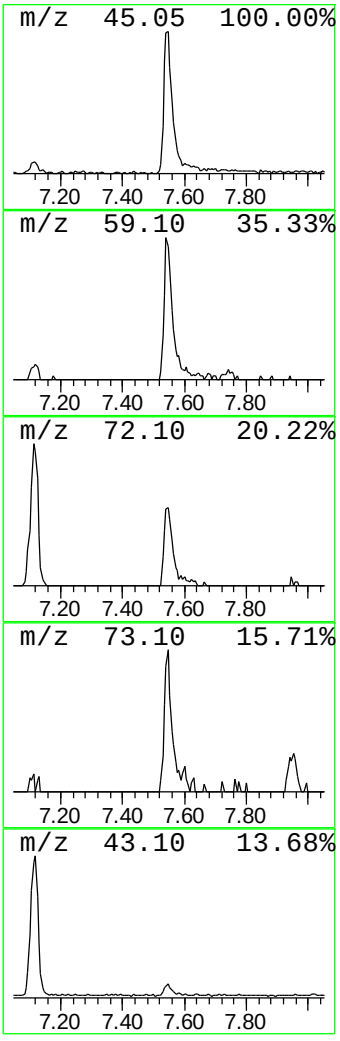
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.65 ng	75543	1,4-Dichlorobenzene-d4	7.95

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	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	50
4	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	47
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

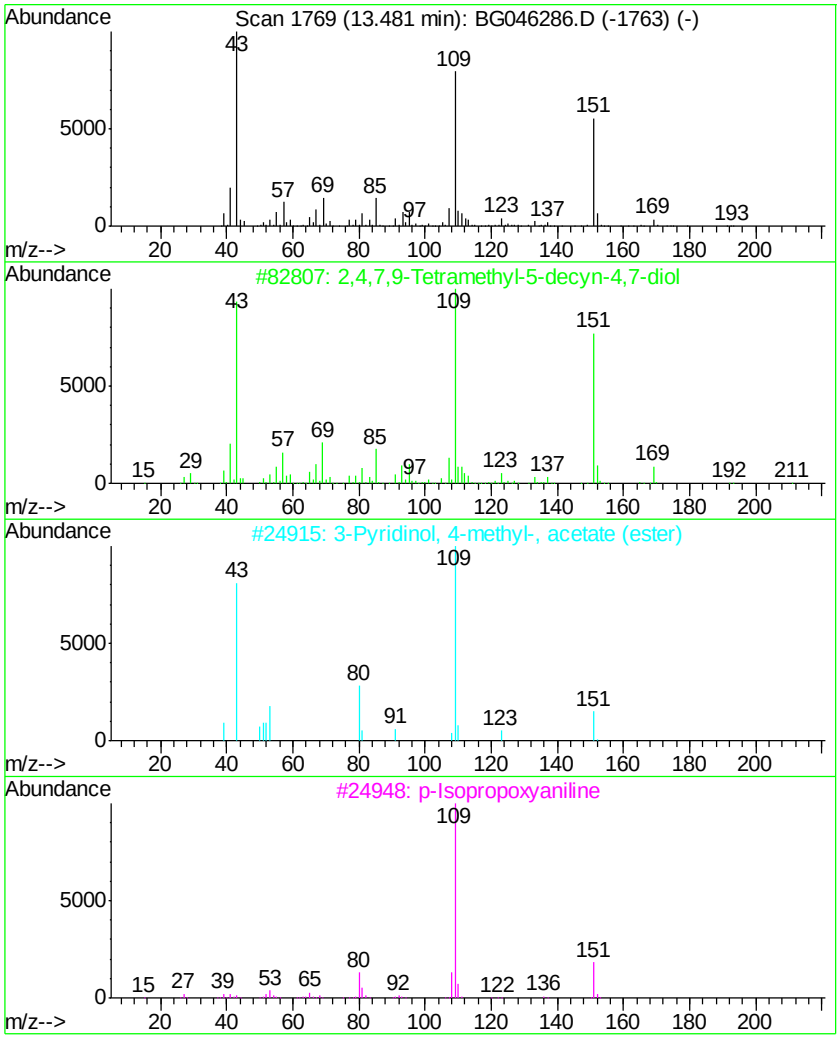
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

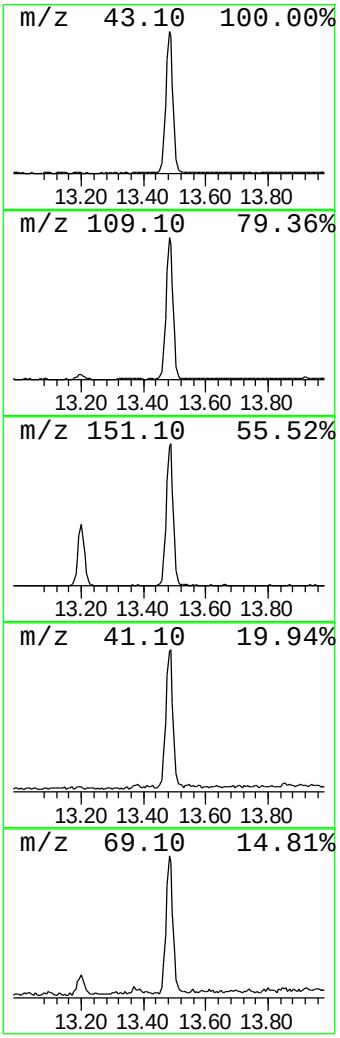
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	15.10 ng	1000930	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	59
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
5	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

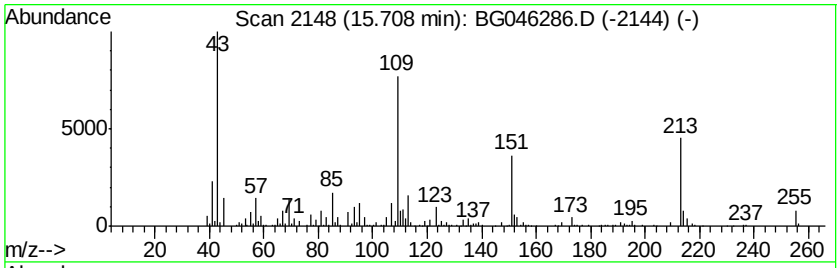
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

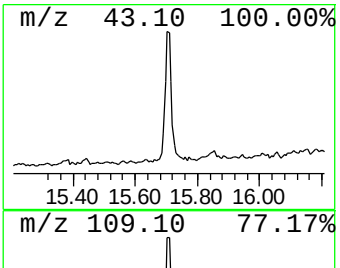
****

Peak Number 4 Cyclopentanol, 1-(methylene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	4.59 ng	304072	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	52
2	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	50
3	Metacetamol	151	C8H9NO2	000621-42-1	43
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	43
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

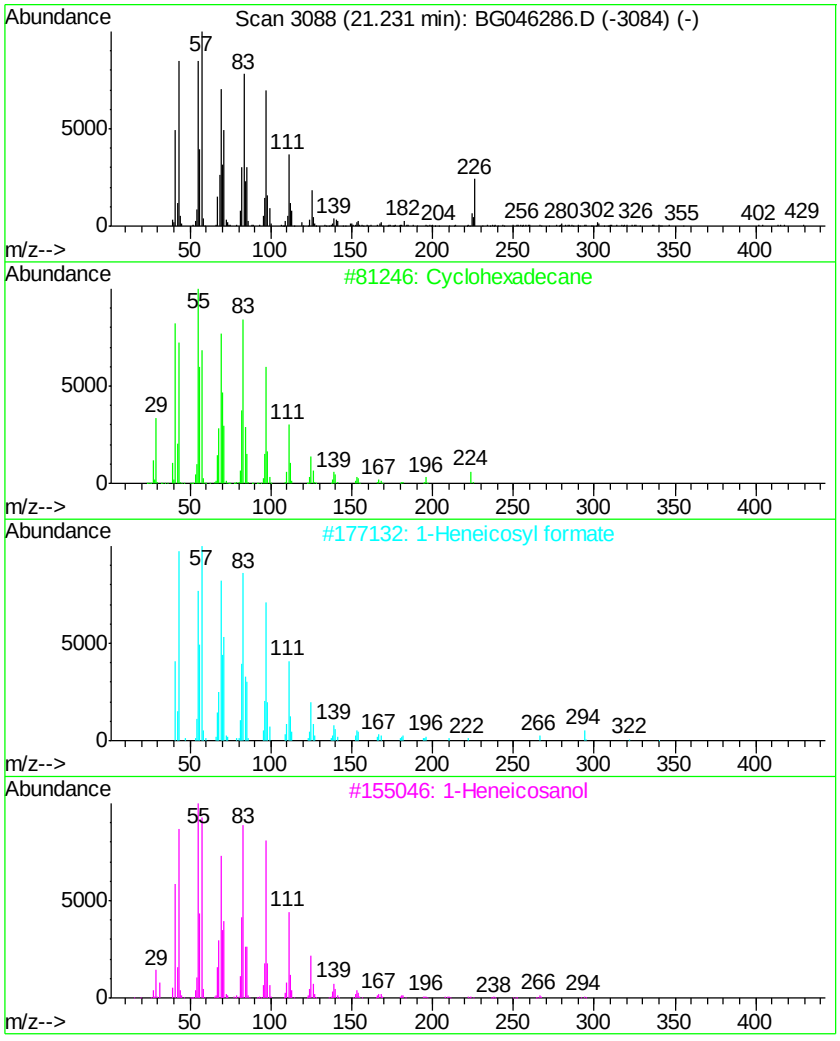
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

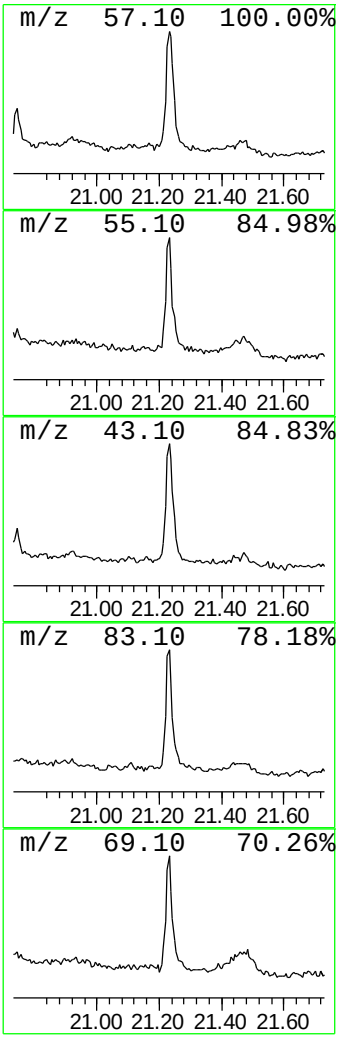
****

Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.77 ng	522460	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

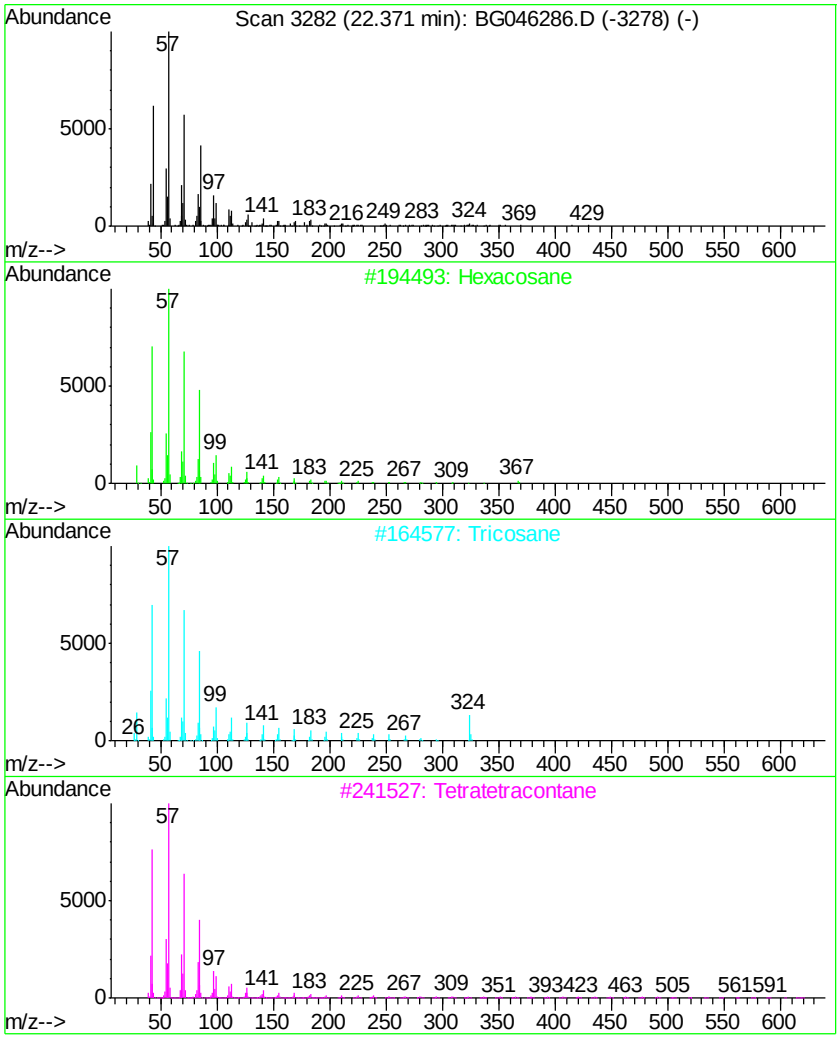
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

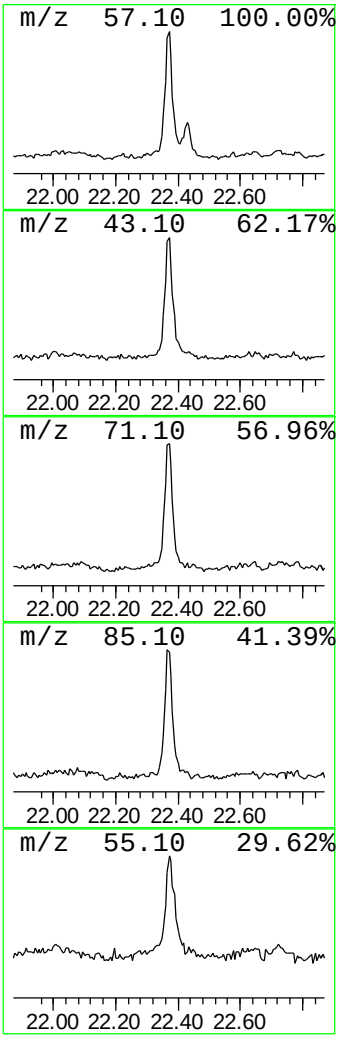
****

Peak Number 6 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.07 ng	277585	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tricosane	324	C23H48	000638-67-5	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

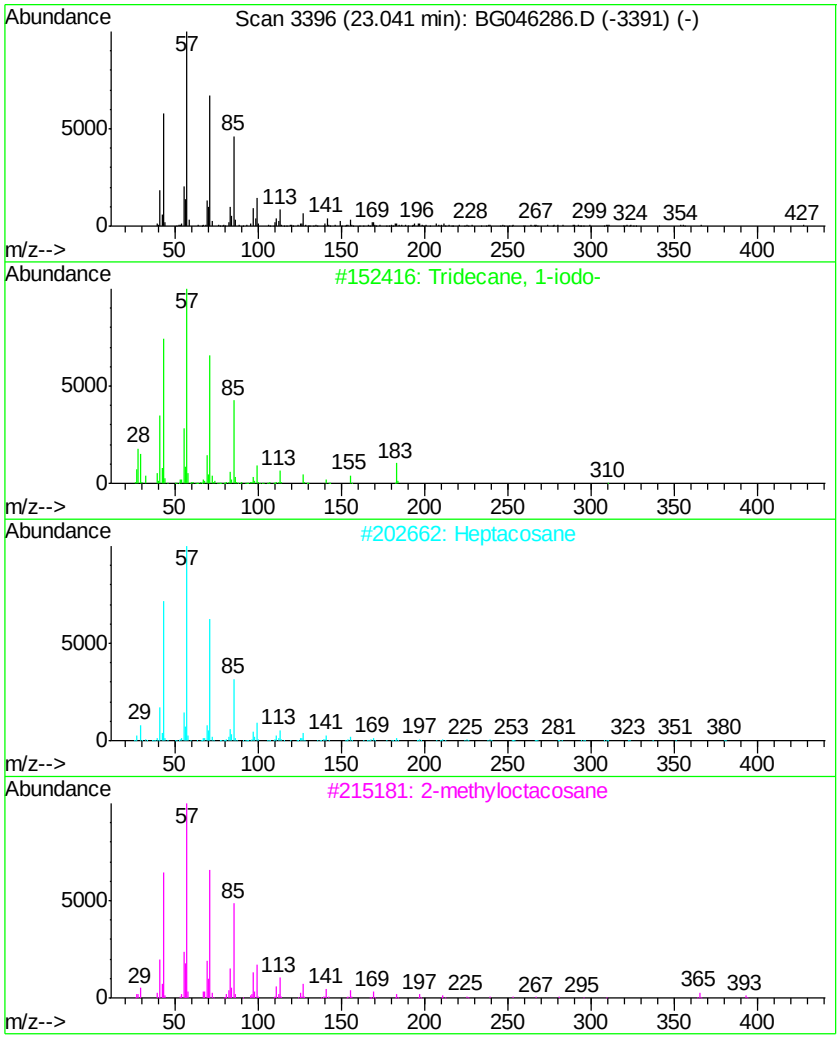
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

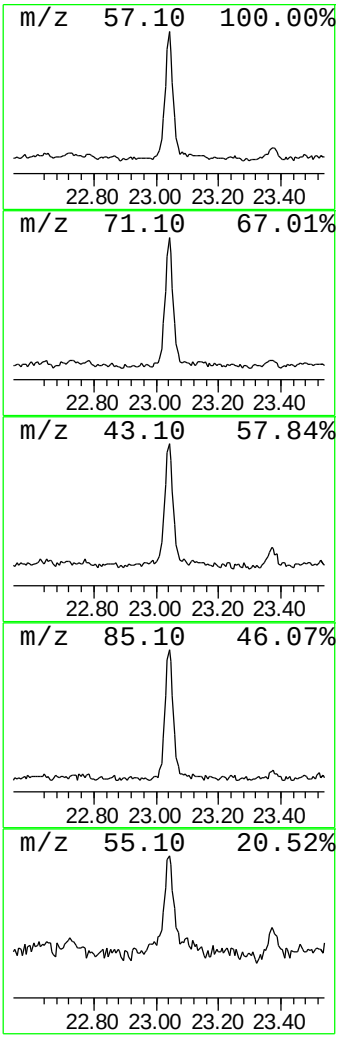
****

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	3.68 ng	332838	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

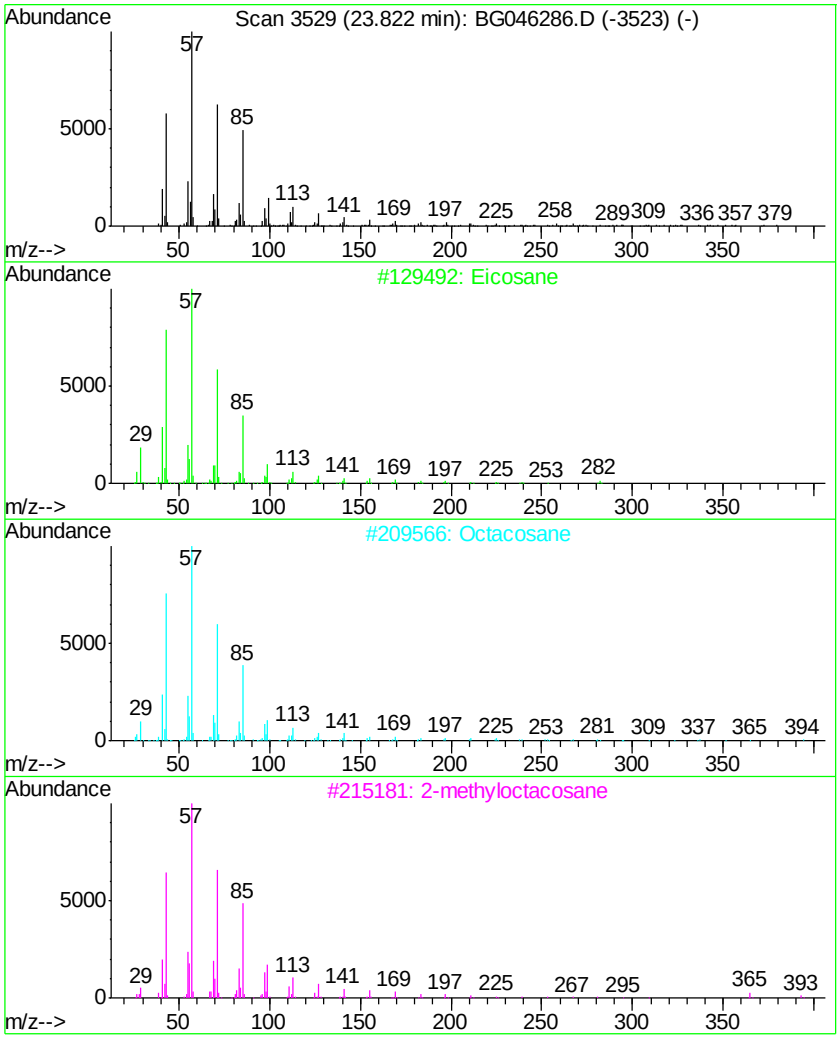
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

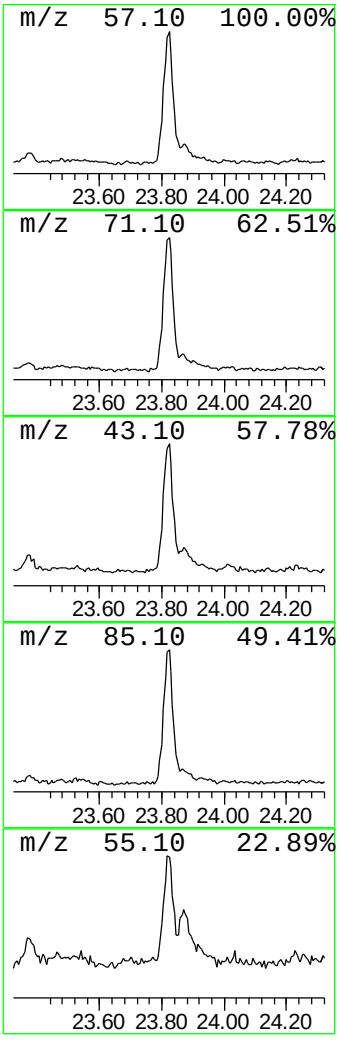
****

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	6.31 ng	507454	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

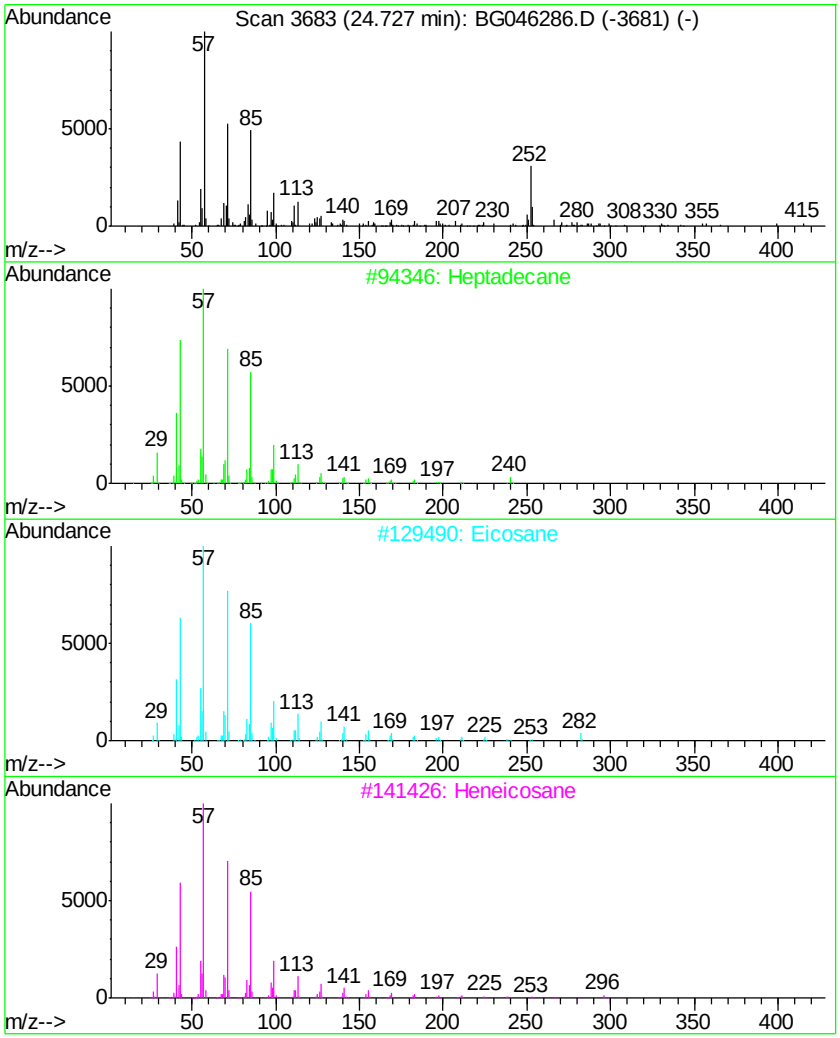
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

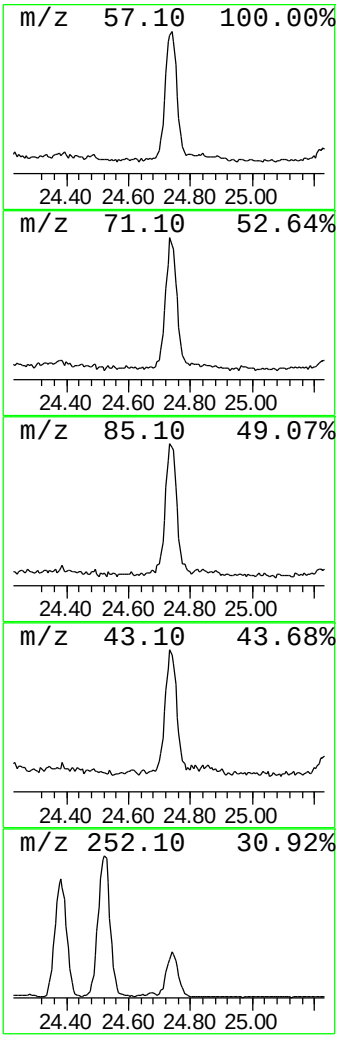
****

Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	5.47 ng	440522	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Heneicosane	296	C21H44	000629-94-7	70
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	68
5	Tetracosane	338	C24H50	000646-31-1	62





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Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

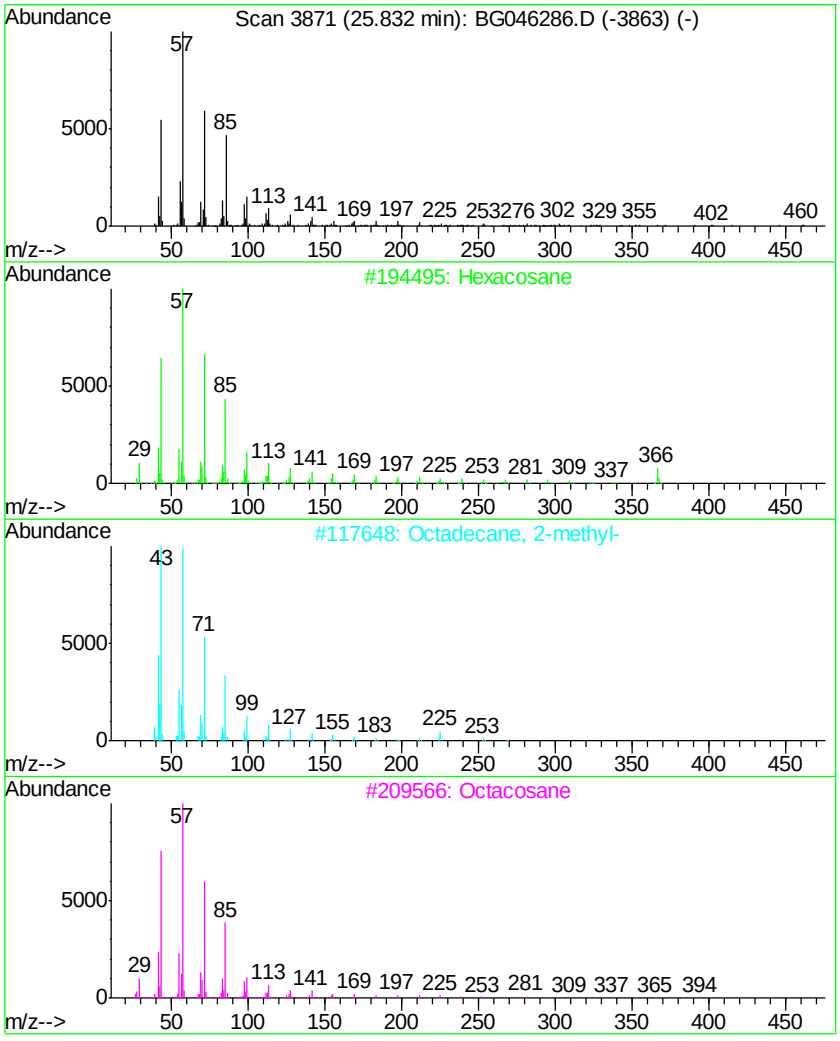
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

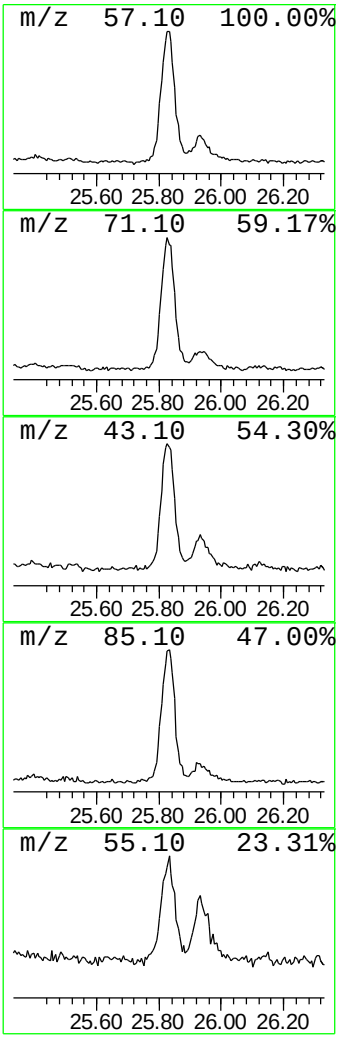
****

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	6.46 ng	519831	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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...	3.16	12.2	ng	347103	1	7.95	569228	20.0
Ethanol, 2-(2-eth...	7.55	2.6	ng	75543	1	7.95	569228	20.0
2,4,7,9-Tetrameth...	13.48	15.1	ng	1000930	3	14.57	1325750	20.0
Cyclopentanol, 1-...	15.71	4.6	ng	304072	3	14.57	1325750	20.0
Cyclohexadecane	21.23	5.8	ng	522460	5	21.57	1811270	20.0
Hexacosane	22.37	3.1	ng	277585	5	21.57	1811270	20.0
Tridecane, 1-iodo-	23.04	3.7	ng	332838	5	21.57	1811270	20.0
Eicosane	23.82	6.3	ng	507454	6	24.67	1609670	20.0
Heptadecane	24.73	5.5	ng	440522	6	24.67	1609670	20.0
Octadecane, 2-met...	25.83	6.5	ng	519831	6	24.67	1609670	20.0