LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

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-BG082520.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	3.124	3	6	18	rVB	208800	291738	8.27%	1.636%
2	5.039	326	332	342	rVB	38237	59864	1.70%	0.336%
3	5.515	406	413	433	rBV	630565	1021838	28.98%	5.729%
4	7.102	675	683	700	rBV	622166	1102369	31.26%	6.180%
5	7.924	817	823	831	rVB	220279	371102	10.52%	2.081%
6	9.082	1012	1020	1036	rBV	408509	764937	21.69%	4.289%
7	10.727	1292	1300	1311	rBV	296959	549660	15.59%	3.082%
8	13.183	1711	1718	1729	rBV	1251384	2028195	57.52%	11.371%
9	14.011	1852	1859	1869	rBV	46584	86255	2.45%	0.484%
10	14.558	1945	1952	1967	rBV	555478	880259	24.96%	4.935%
11	16.044	2198	2205	2234	rBV	961381	1635543	46.38%	9.170%
12	17.301	2412	2419	2432	rBV	764460	1186344	33.64%	6.651%
13	19.352	2764	2768	2774	rBV	25901	38893	1.10%	0.218%
14	19.710	2826	2829	2838	rVB2	23850	46160	1.31%	0.259%
15	19.916	2858	2864	2875	rBV	2592232	3526266	100.00%	19.770%
16	21.215	3080	3085	3099	rVB	268618	454467	12.89%	2.548%
17	21.549	3135	3142	3153	rBV	773086	1265723	35.89%	7.096%
18	21.749	3174	3176	3182	rVB2	31974	42806	1.21%	0.240%
19	22.354	3273	3279	3287	rBV3	71627	189138	5.36%	1.060%
20	23.341	3441	3447	3455	rBV2	113720	216869	6.15%	1.216%
21	23.782	3517	3522	3526	rBV	75858	138562	3.93%	0.777%
22	23.835	3527	3531	3547	rVB3	89393	243851	6.92%	1.367%
23	24.652	3660	3670	3683	rBV2	448843	1290831	36.61%	7.237%
24	25.186	3756	3761	3770	rVB4	43839	106066	3.01%	0.595%
25	25.768	3854	3860	3870	rVB	106036	298691	8.47%	1.675%

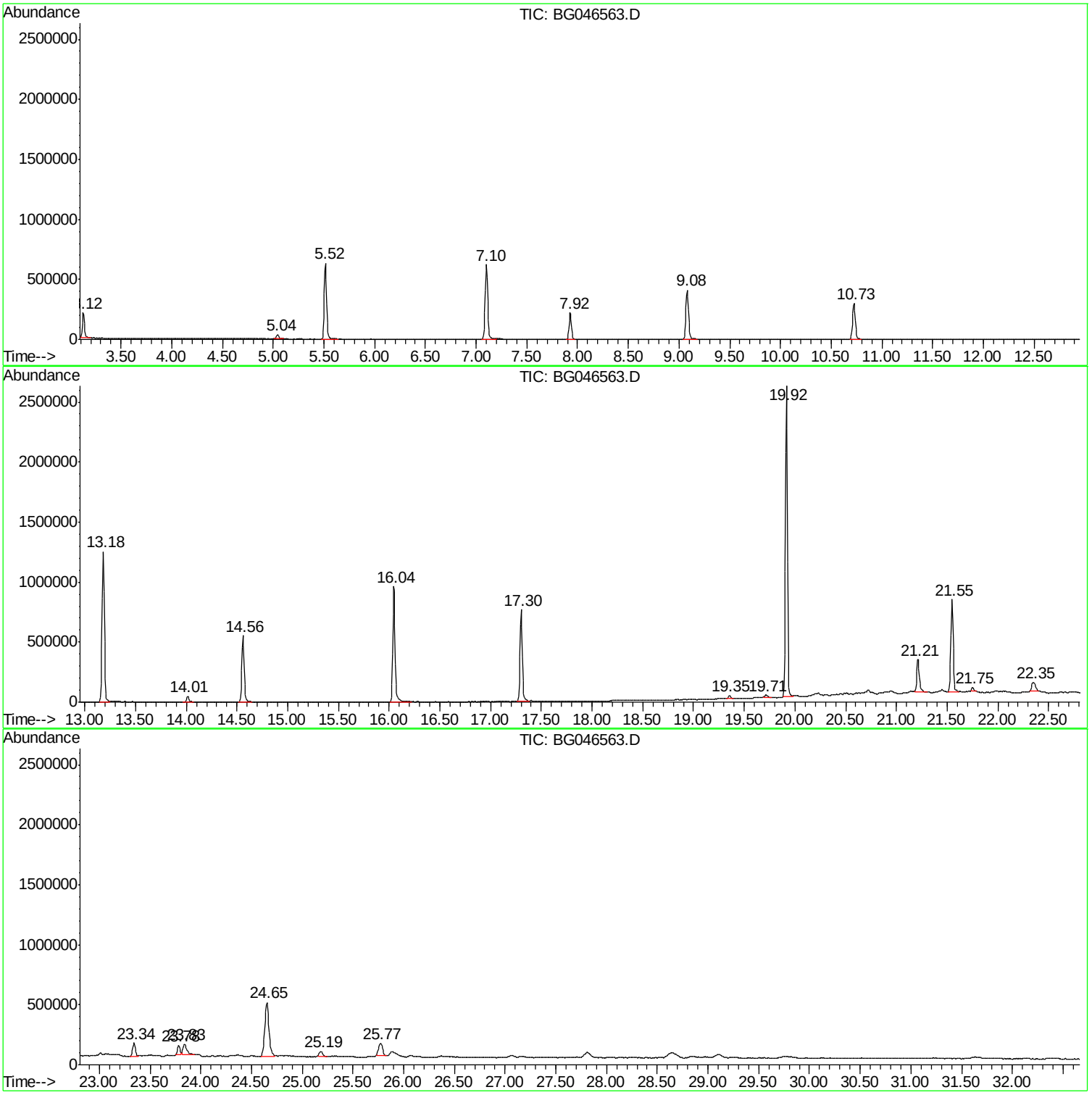
Sum of corrected areas: 17836427

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

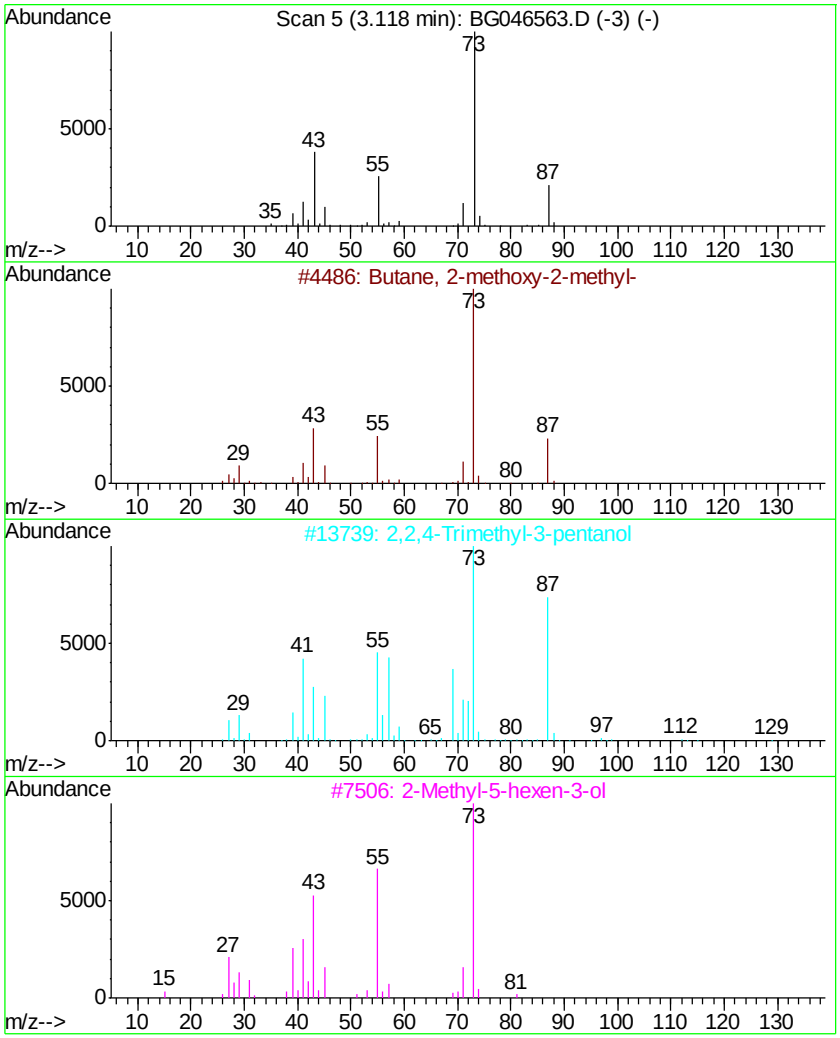
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

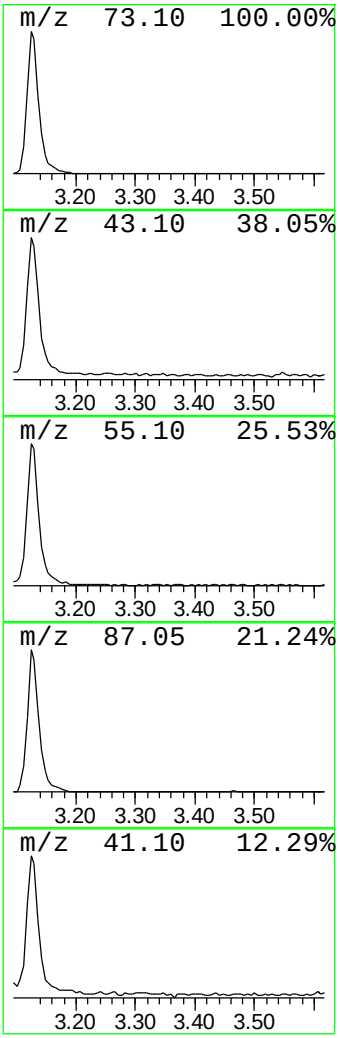
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	15.72 ng	291738	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

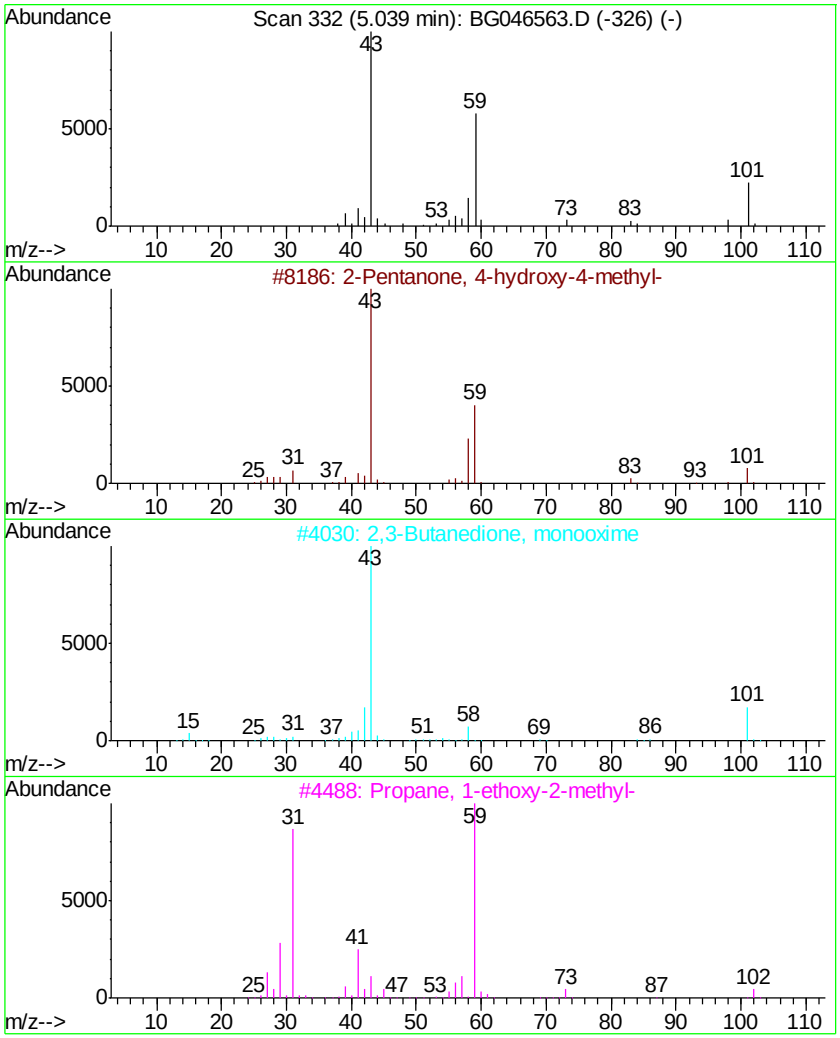
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

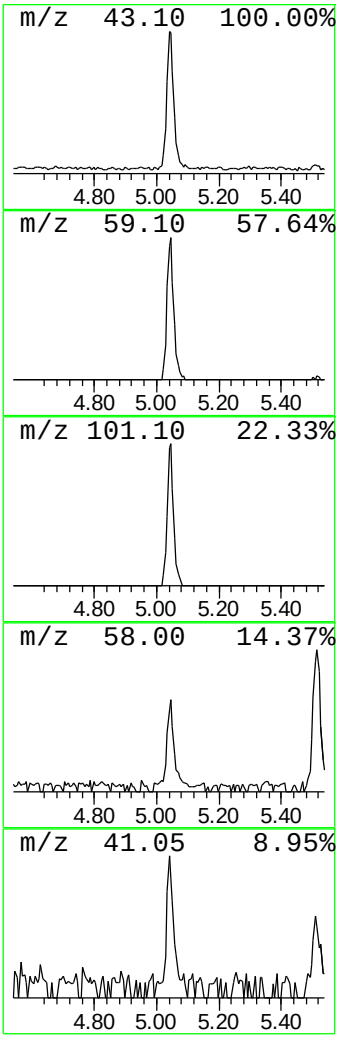
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	3.23 ng	59864	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	1,2-Butanediol	90	C4H10O2	000584-03-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

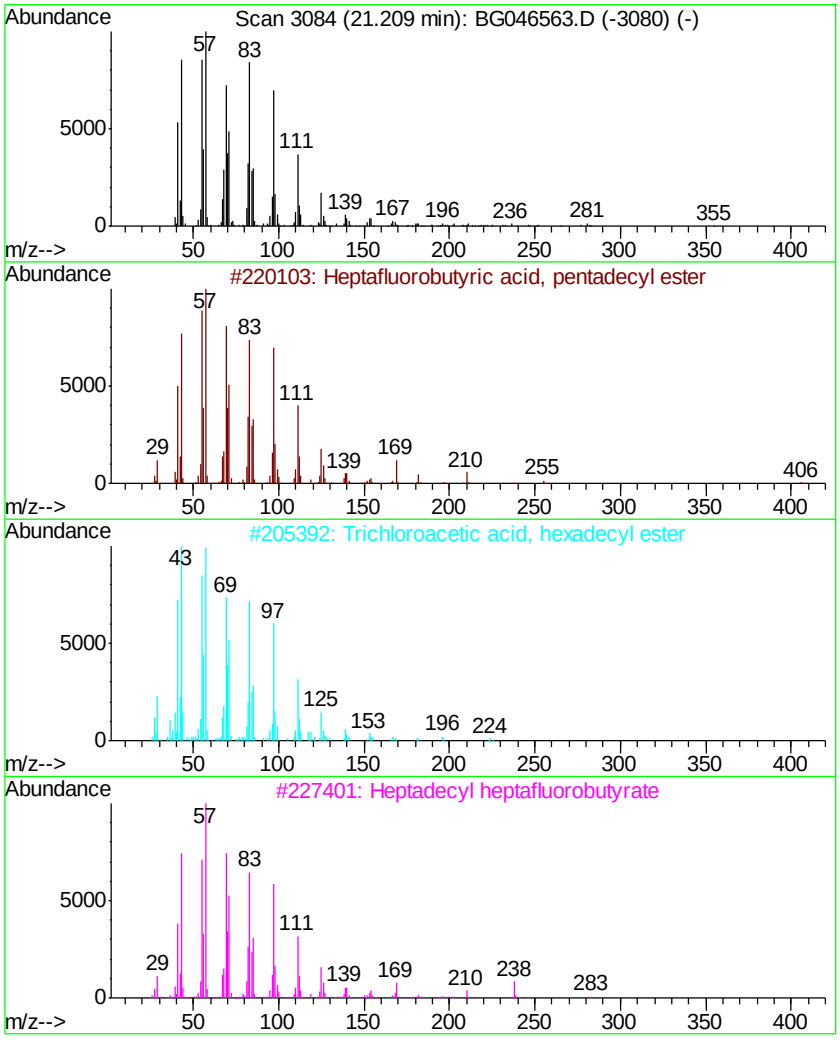
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

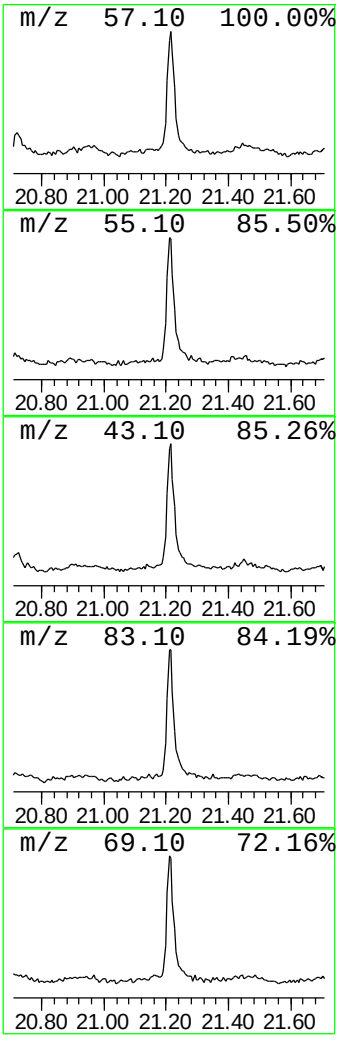
****

Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	7.18 ng	454467	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Tricosene	322	C23H46	018835-32-0	94
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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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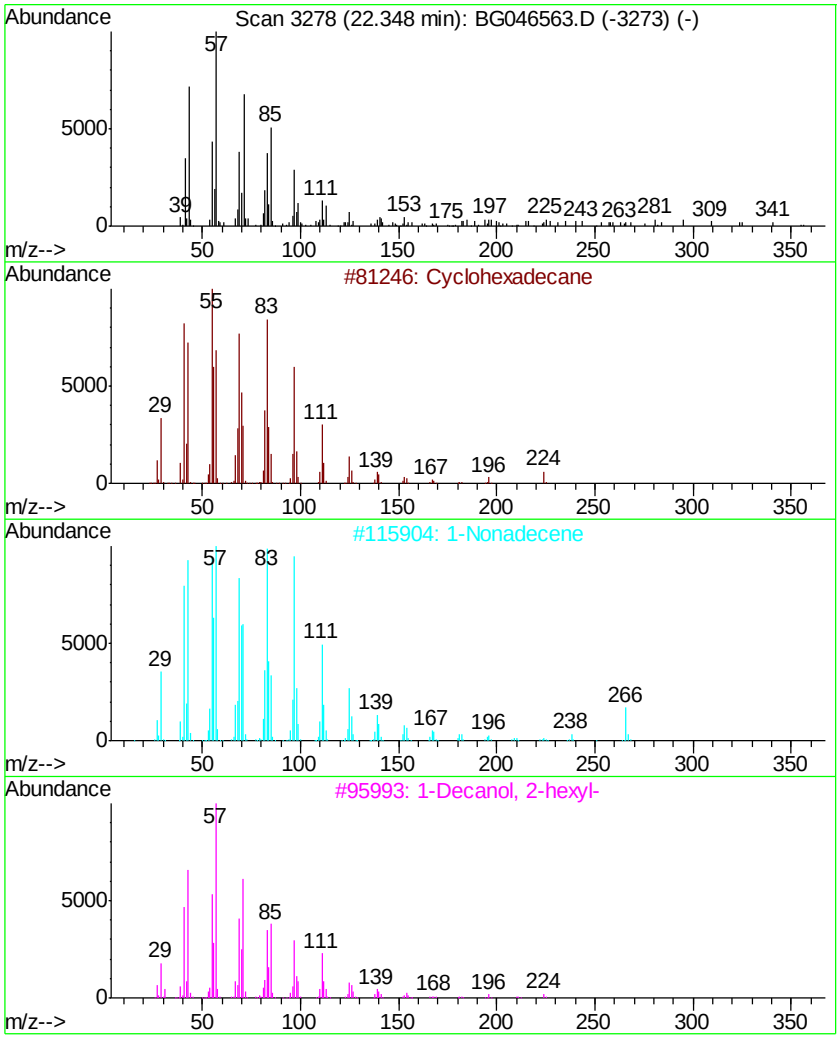
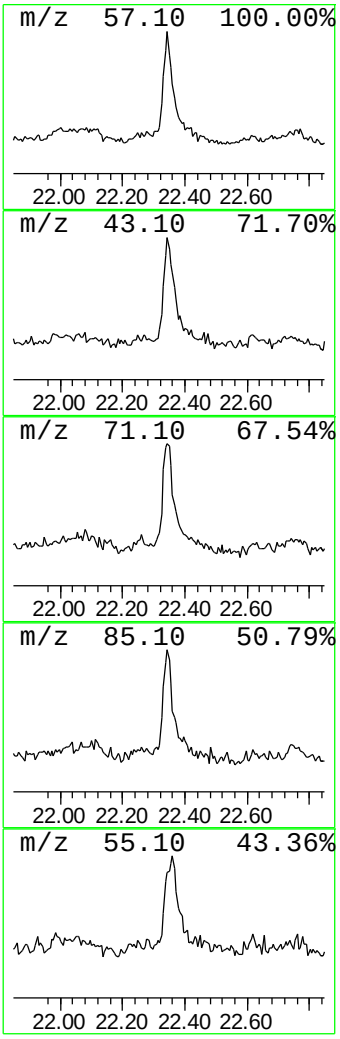
Peak Number 4 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.99 ng	189138	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

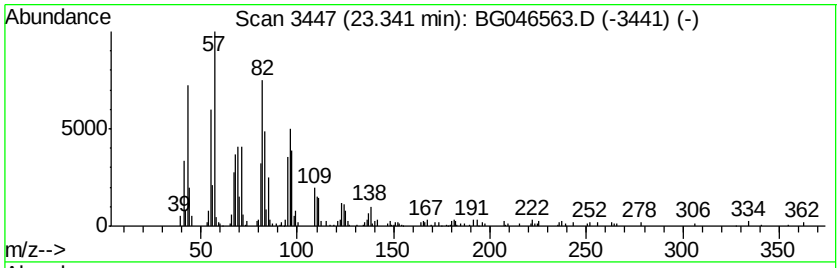
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

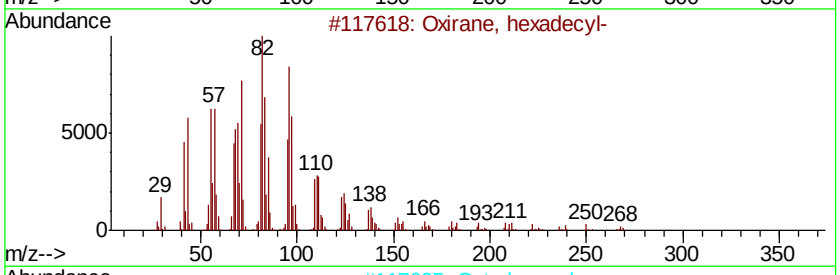
****

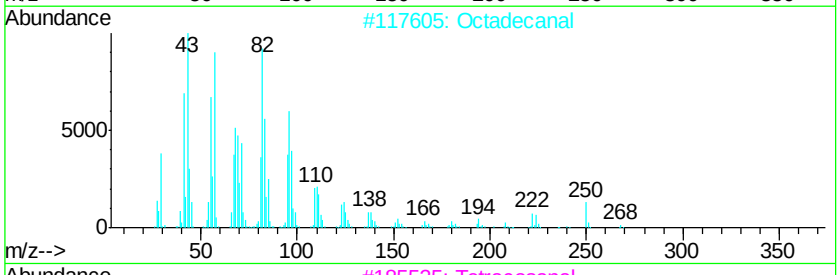
Peak Number 5 Oxirane, hexadecyl- Concentration Rank 5

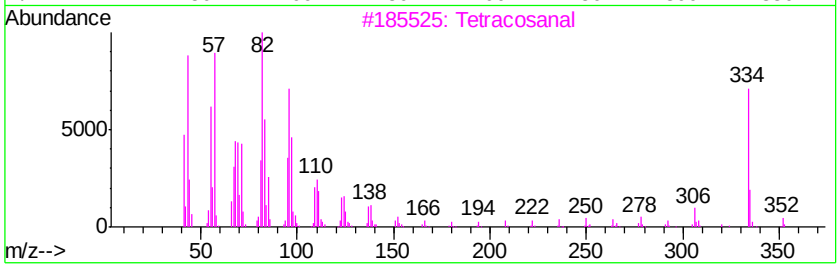
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	3.36 ng	216869	Perylene-d12	24.65

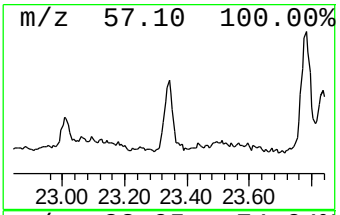
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Tetracosanal	352	C24H48O	057866-08-7	91
4	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	86
5	16-Heptadecenal	252	C17H32O	1000144-57-9	86

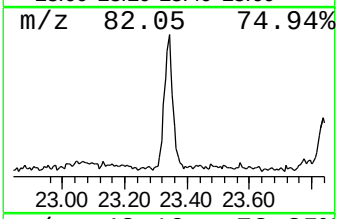


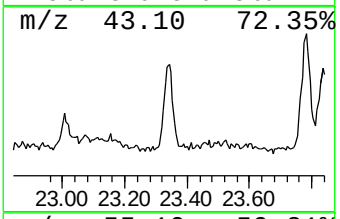


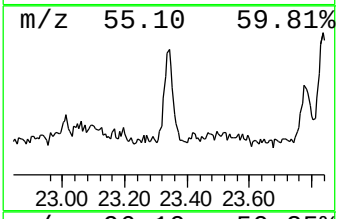


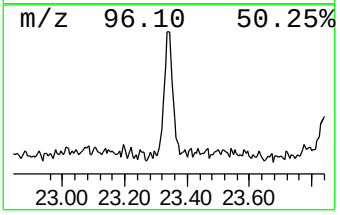












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

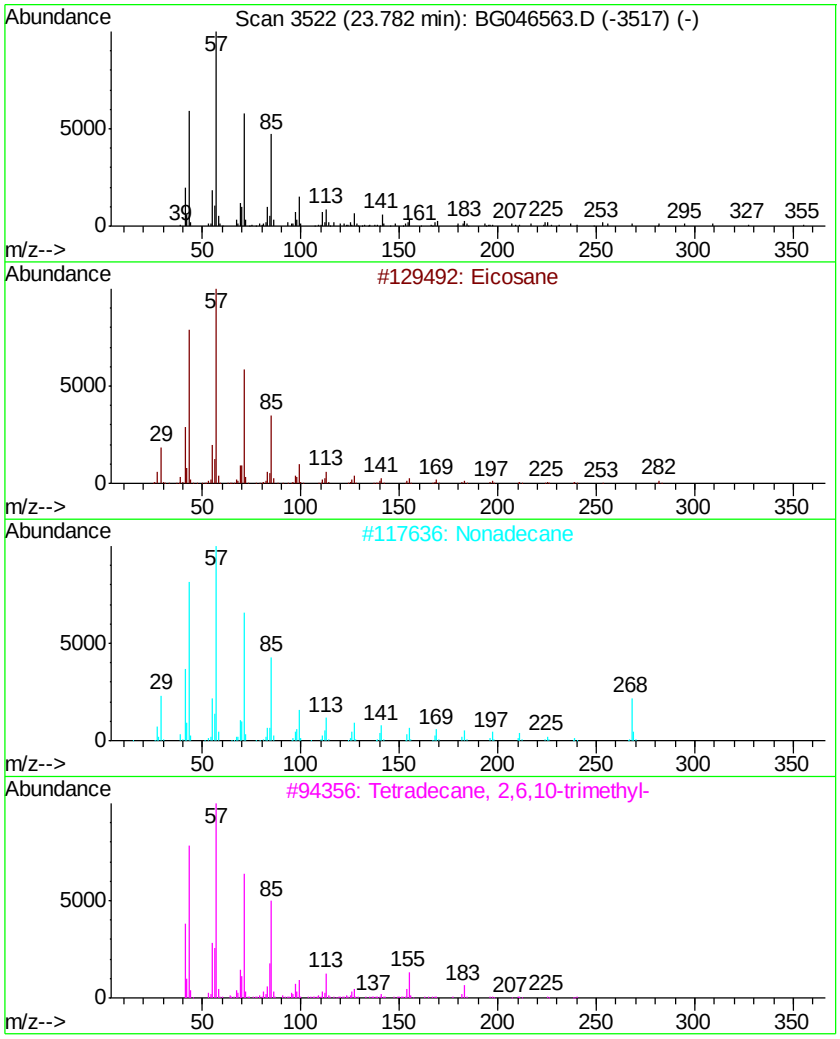
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

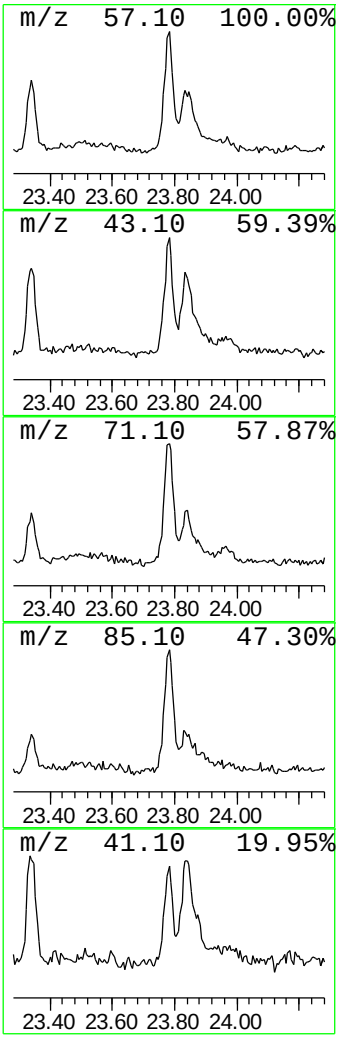
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	2.15 ng	138562	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Hexadecane	226	C16H34	000544-76-3	83
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

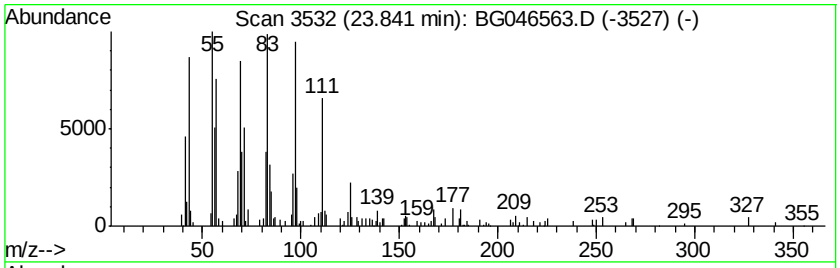
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

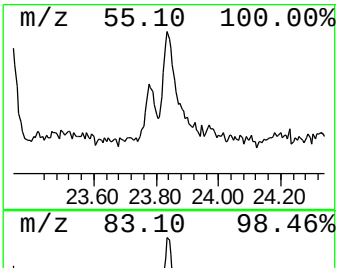
****

Peak Number 7 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	3.78 ng	243851	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

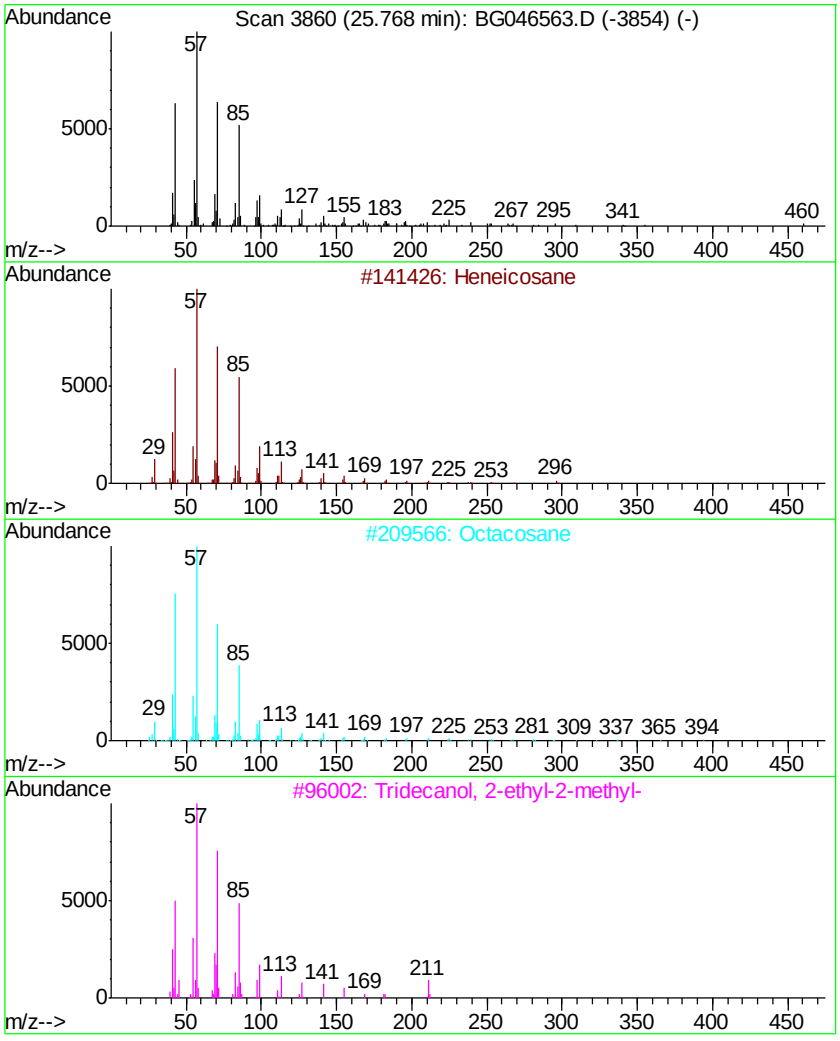
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

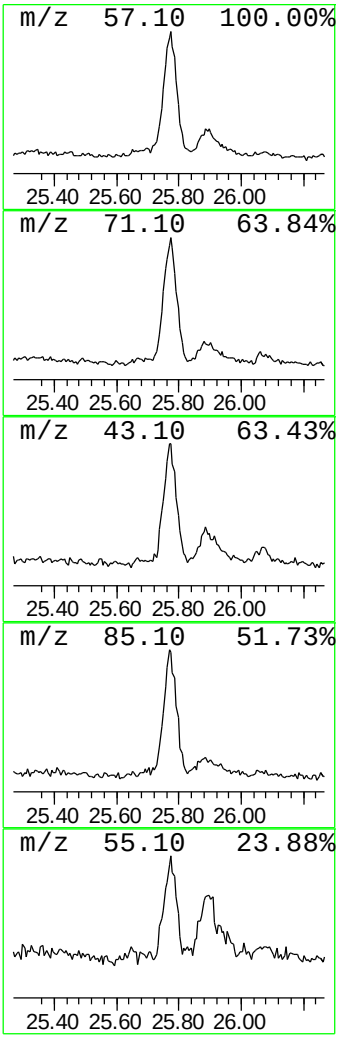
****

Peak Number 8 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	4.63 ng	298691	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Triacontane	422	C30H62	000638-68-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090820\
Data File : BG046563.D
Acq On : 8 Sep 2020 18:36
Operator : CG/JU
Sample : L3919-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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...	3.12	15.7	ng	291738	1	7.93	371102	20.0
2-Pentanone, 4-hy...	5.04	3.2	ng	59864	1	7.93	371102	20.0
Heptafluorobutyri...	21.21	7.2	ng	454467	5	21.55	1265720	20.0
Cyclohexadecane	22.35	3.0	ng	189138	5	21.55	1265720	20.0
Oxirane, hexadecyl-	23.34	3.4	ng	216869	6	24.65	1290830	20.0
Eicosane	23.78	2.1	ng	138562	6	24.65	1290830	20.0
Behenic alcohol	23.84	3.8	ng	243851	6	24.65	1290830	20.0
Heneicosane	25.77	4.6	ng	298691	6	24.65	1290830	20.0