LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

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-BG111318.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	5.173	314	321	329	rBV	13926	25259	1.07%	0.200%
2	5.632	392	399	410	rVB	271529	460676	19.48%	3.654%
3	7.236	662	672	684	rBV	178811	346830	14.67%	2.751%
4	7.612	729	736	749	rBV	520938	931754	39.40%	7.390%
5	8.088	810	817	824	rBV	146937	250765	10.60%	1.989%
6	8.411	863	872	880	rBV	421095	757854	32.05%	6.011%
7	9.263	1009	1017	1028	rBV	449680	815978	34.50%	6.472%
8	10.908	1289	1297	1306	rBV	205537	385914	16.32%	3.061%
9	13.340	1703	1711	1723	rBV	1052007	1714170	72.48%	13.595%
10	14.721	1937	1946	1957	rVB2	327237	549111	23.22%	4.355%
11	16.207	2192	2199	2213	rBV	779113	1271117	53.75%	10.081%
12	17.471	2408	2414	2423	rBV	390728	629535	26.62%	4.993%
13	18.328	2554	2560	2567	rBV4	45879	91508	3.87%	0.726%
14	19.598	2771	2776	2782	rBV6	29367	55014	2.33%	0.436%
15	20.073	2850	2857	2868	rBV	1695320	2364942	100.00%	18.756%
16	21.754	3136	3143	3151	rVB2	369730	651642	27.55%	5.168%
17	21.901	3164	3168	3173	rVB2	30765	42623	1.80%	0.338%
18	22.518	3267	3273	3281	rVB2	47162	86076	3.64%	0.683%
19	23.223	3387	3393	3400	rBV	57093	116785	4.94%	0.926%
20	24.045	3527	3533	3545	rVB2	57162	136630	5.78%	1.084%
21	25.026	3689	3700	3701	rBV3	54793	124705	5.27%	0.989%
22	25.079	3702	3709	3723	rVB2	197827	619578	26.20%	4.914%
23	26.184	3888	3897	3910	rVB4	35586	115778	4.90%	0.918%
24	27.571	4125	4133	4144	rVB4	18785	64476	2.73%	0.511%

Sum of corrected areas: 12608720

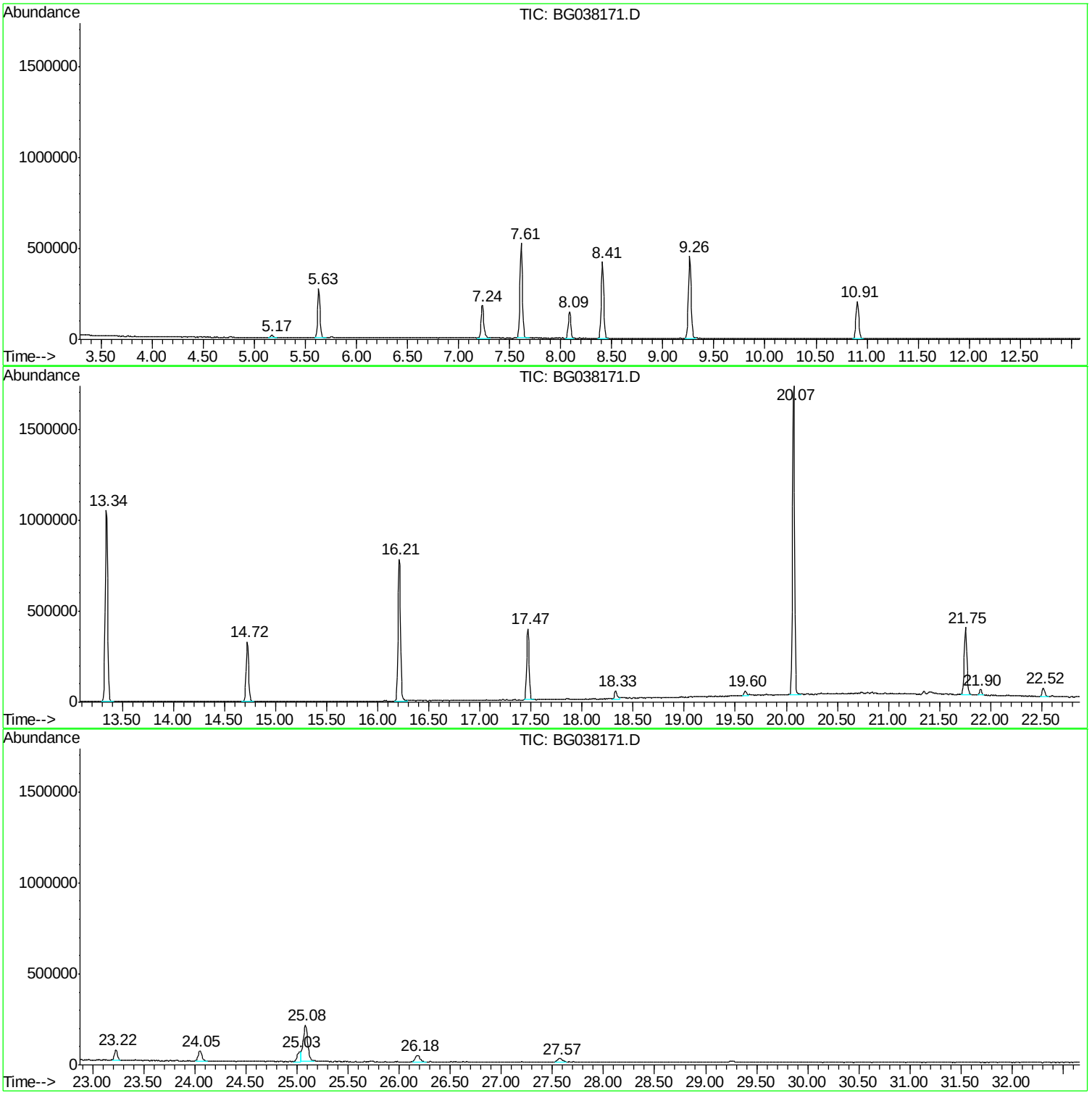
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

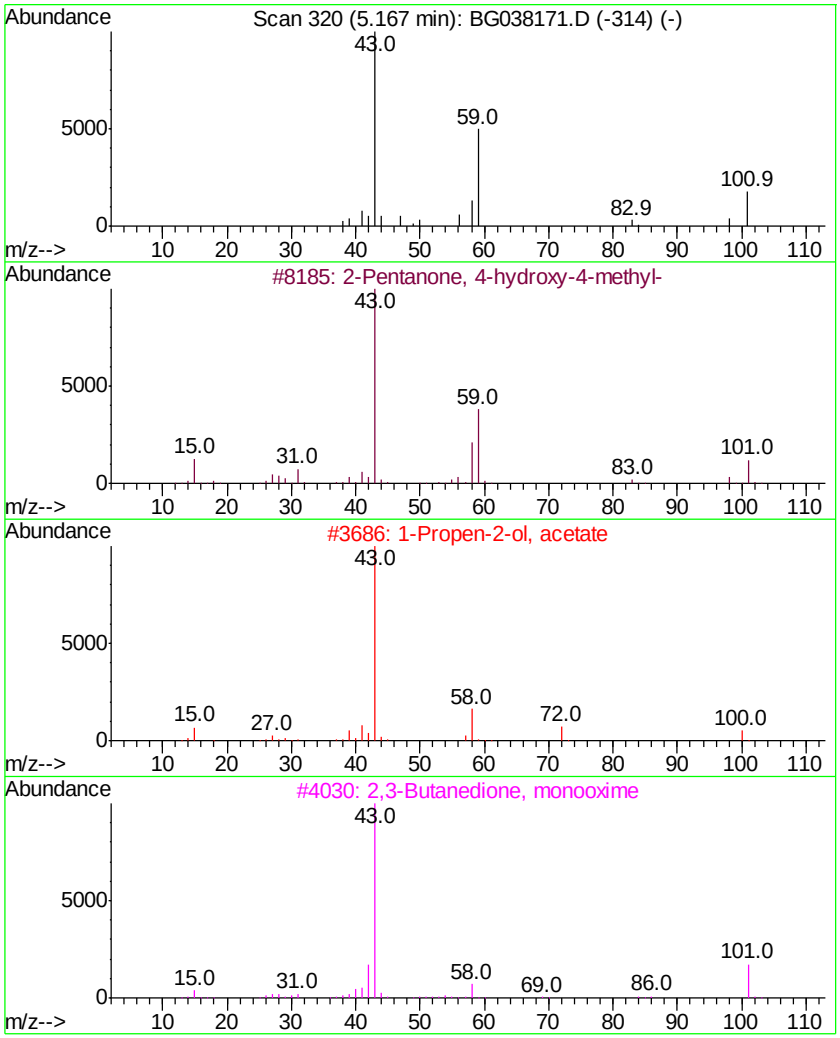
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

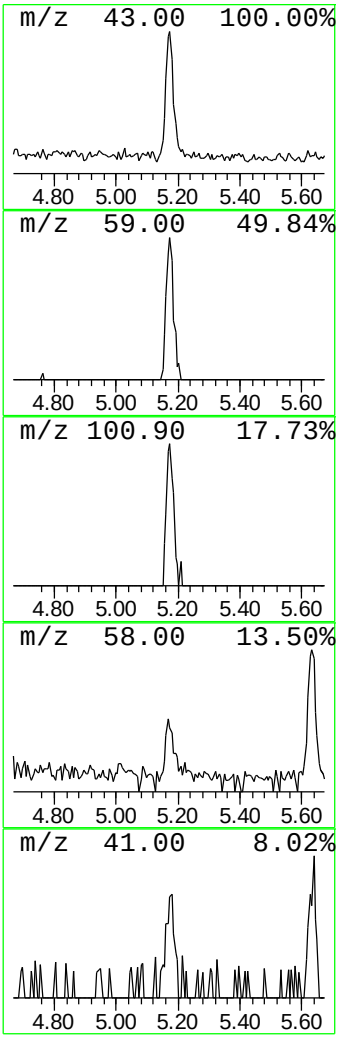
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	2.01 ng	25259	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
4	Diacetamide	101	C4H7NO2	000625-77-4	7
5	3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

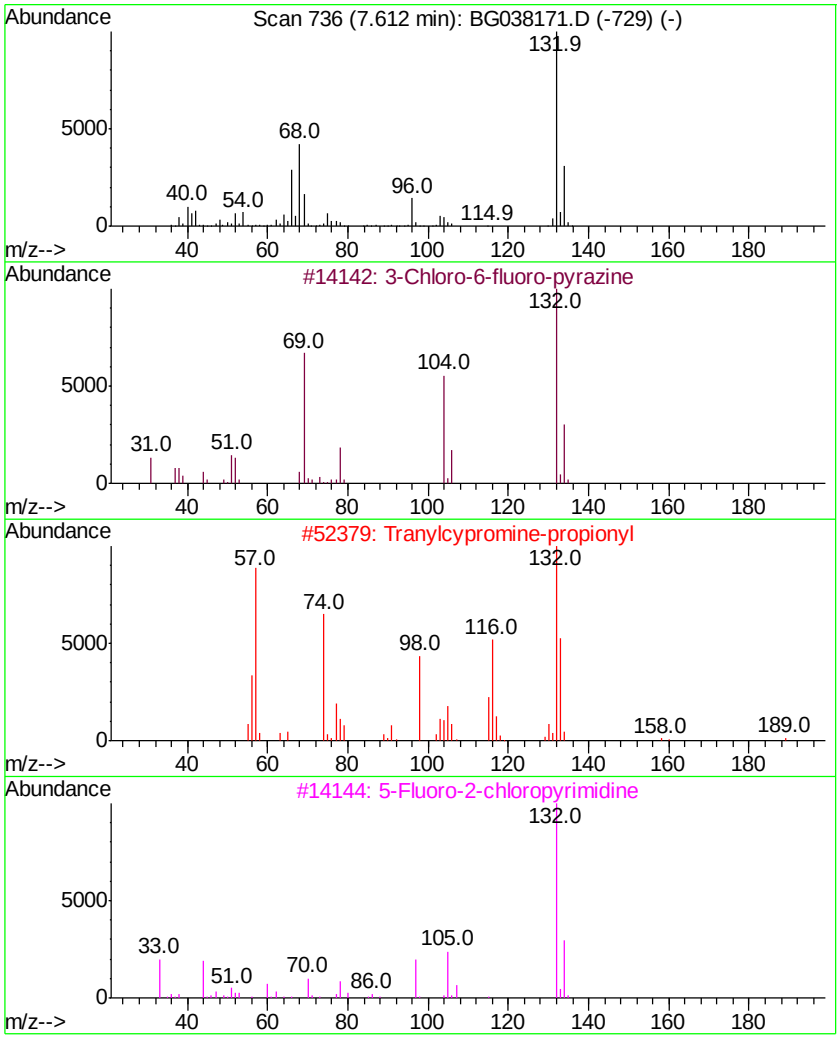
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

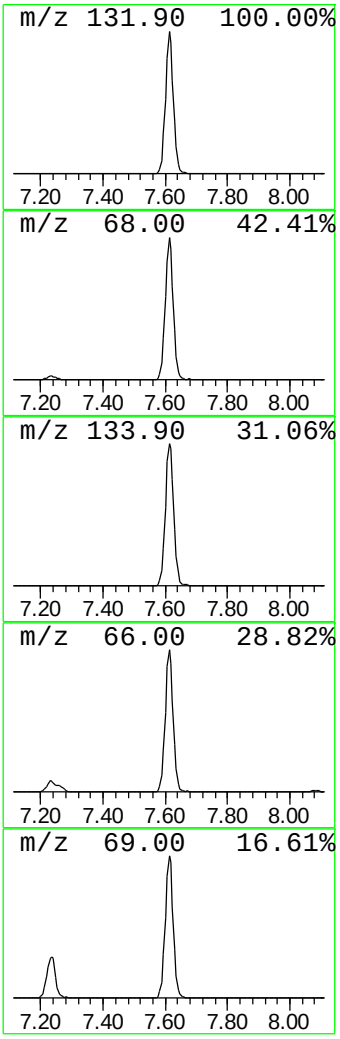
****

Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	74.31 ng	931754	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Xenon	132	Xe	007440-63-3	9
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

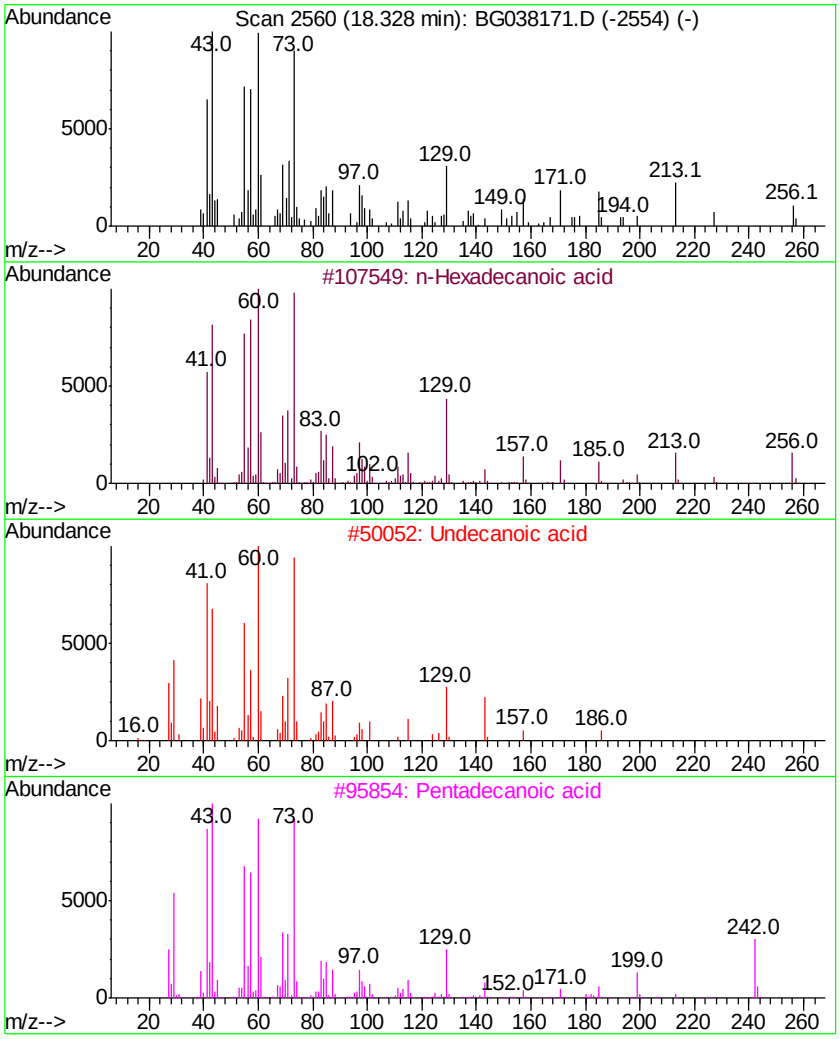
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

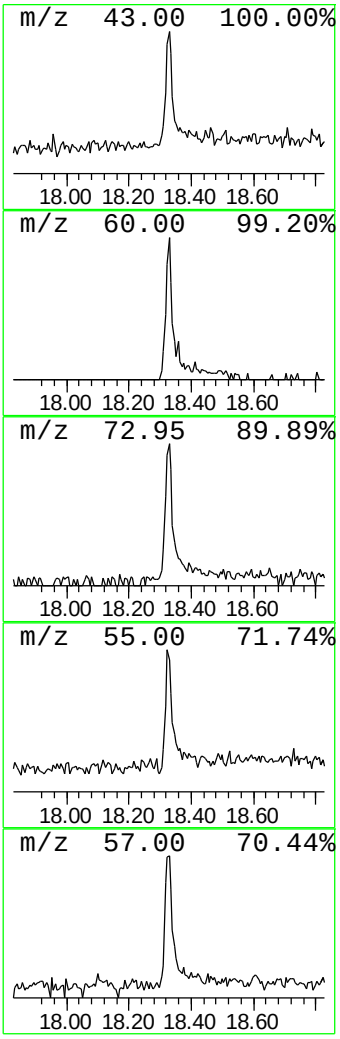
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.91 ng	91508	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Undecanoic acid	186	C11H22O2	000112-37-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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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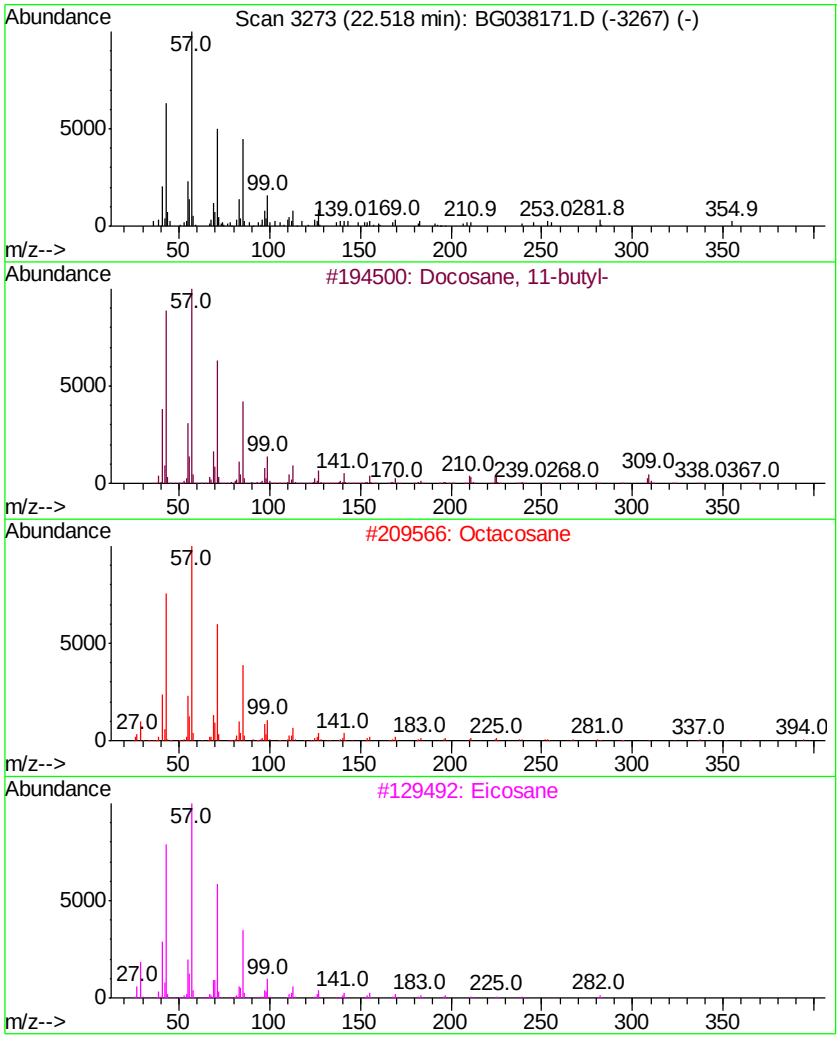
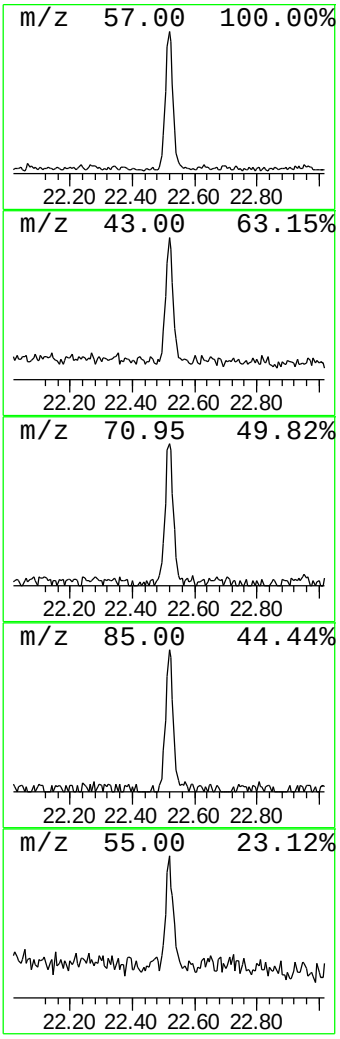
Peak Number 5 Docosane, 11-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.64 ng	86076	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Eicosane	282	C20H42	000112-95-8	78
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Hexatriacontane	507	C36H74	000630-06-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

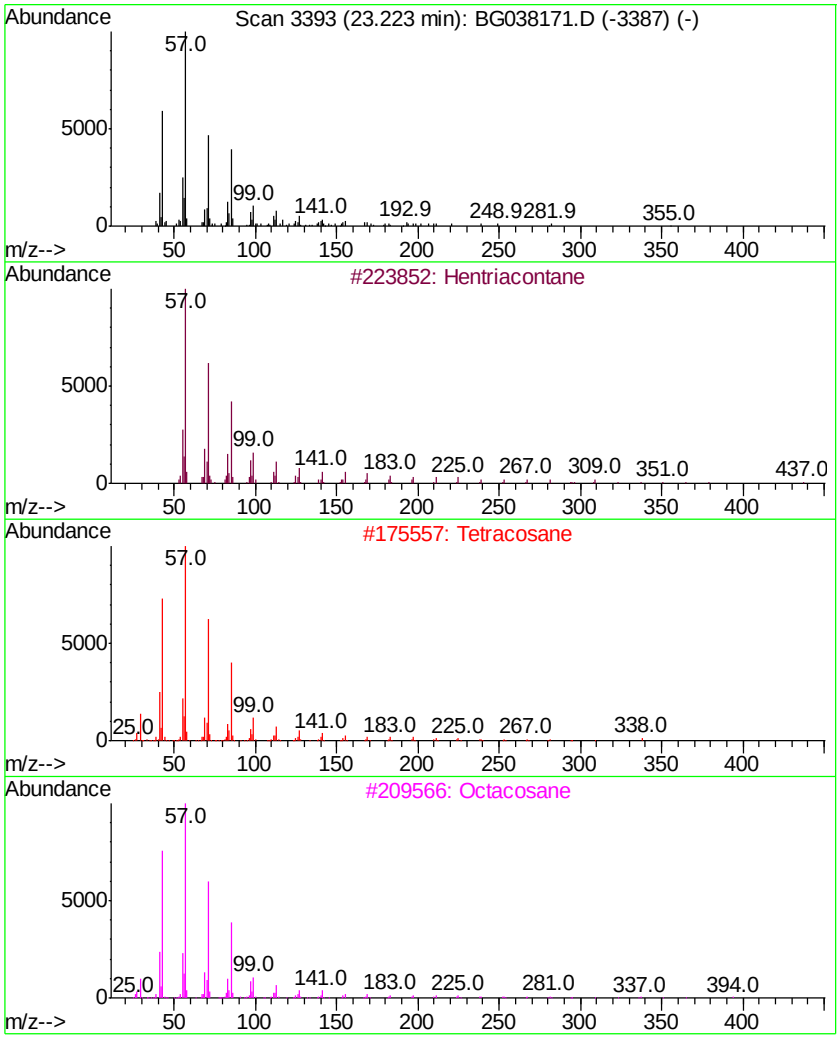
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

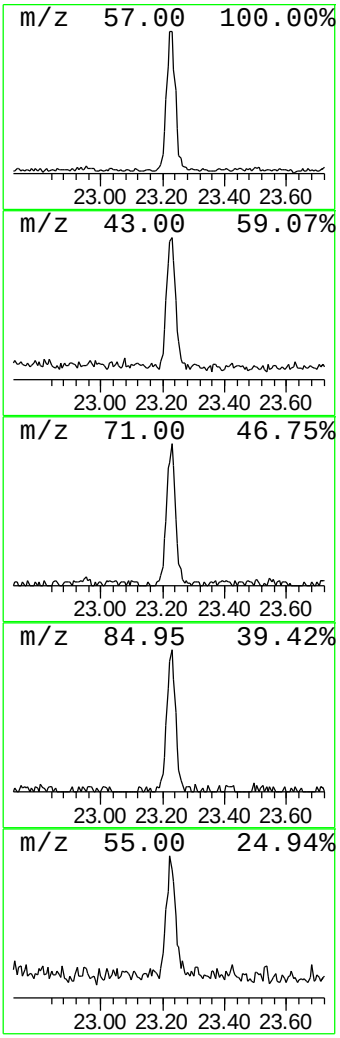
****

Peak Number 6 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	3.58 ng	116785	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

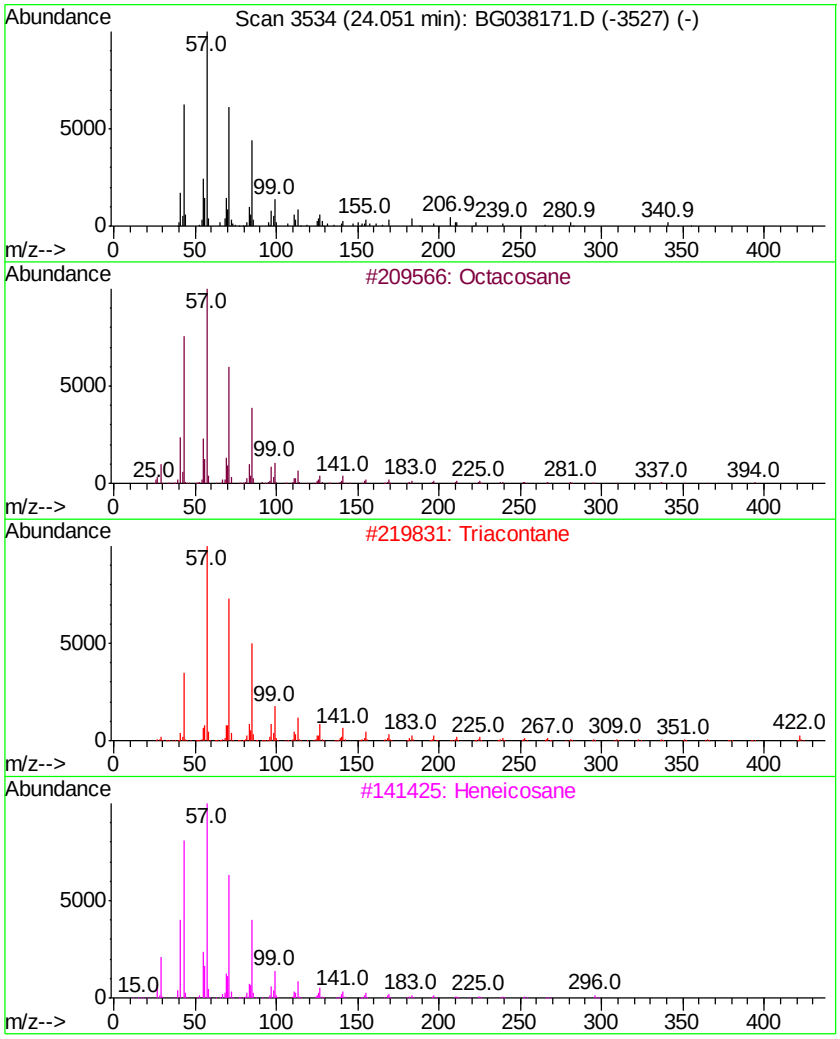
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

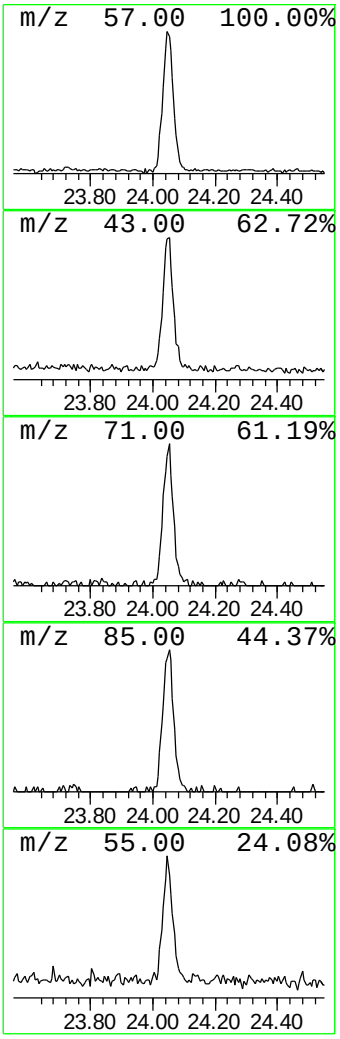
****

Peak Number 7 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	4.41 ng	136630	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Triacontane	422	C30H62	000638-68-6	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	Pentacosane	352	C25H52	000629-99-2	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

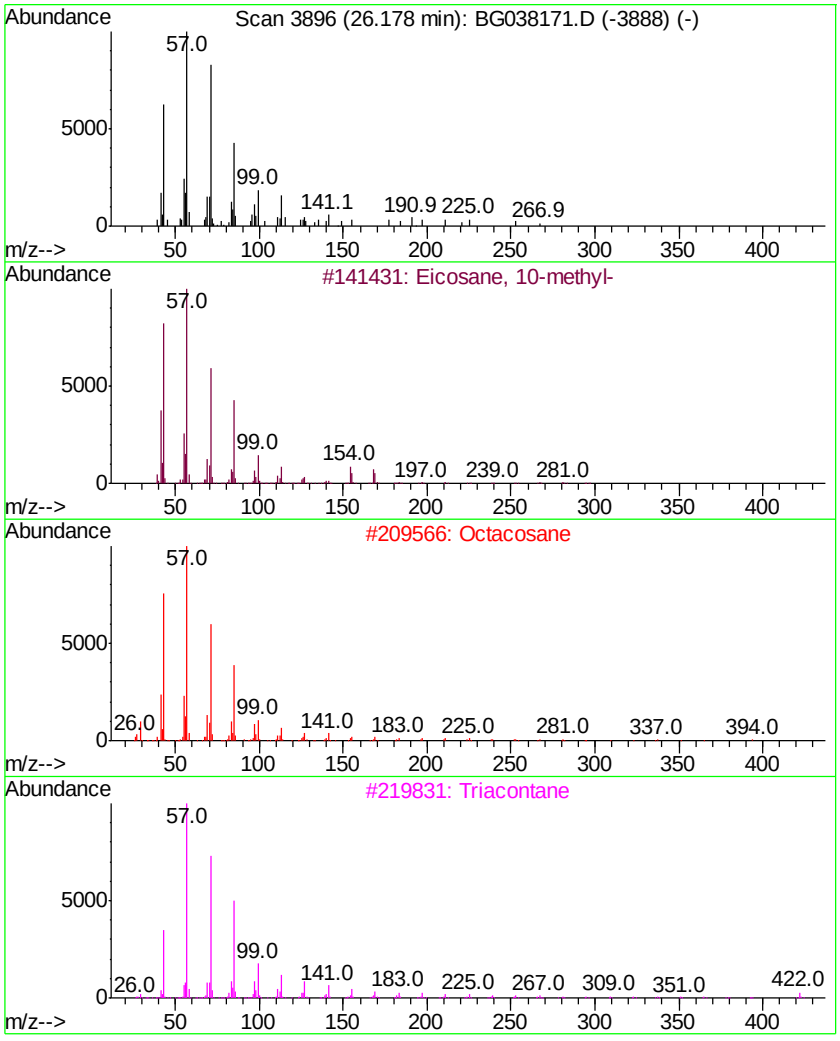
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

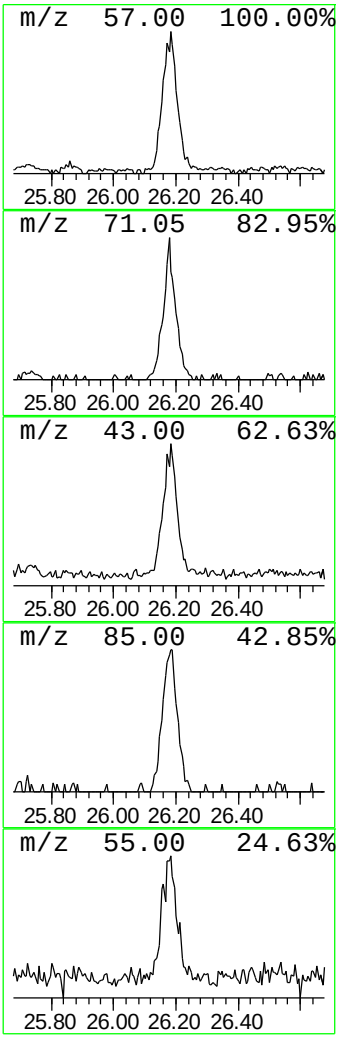
****

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	3.74 ng	115778	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Triacontane	422	C30H62	000638-68-6	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86





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Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

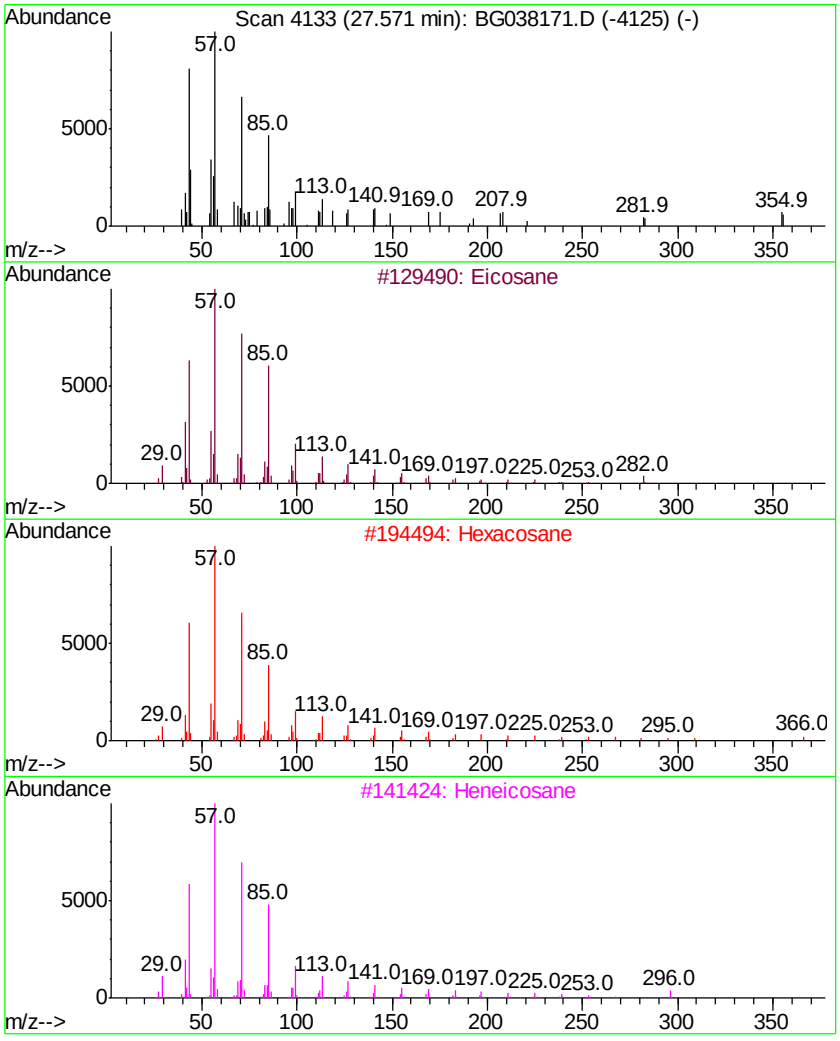
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

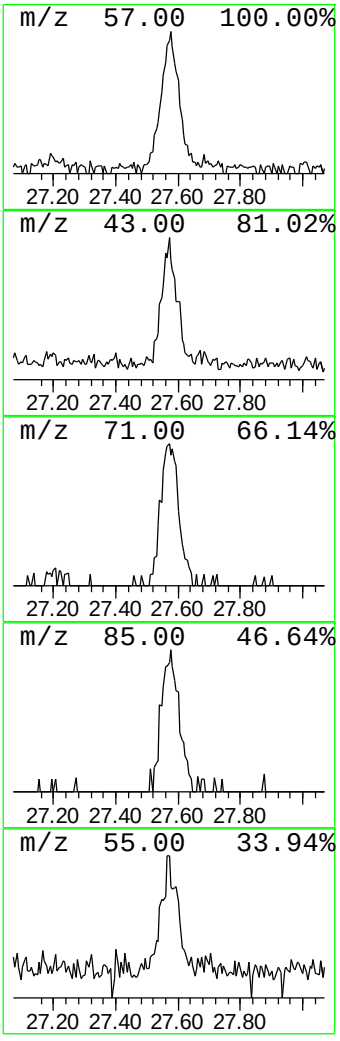
****

Peak Number 10 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.57	2.08 ng	64476	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Pentacosane	352	C25H52	000629-99-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
Data File : BG038171.D
Acq On : 27 Nov 2018 17:39
Operator : JU/SJ
Sample : J6047-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-FD-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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
2-Pentanone, 4-hy...	5.17	2.0	ng	25259	1	8.09	250765	20.0
unknown7.61	7.61	74.3	ng	931754	1	8.09	250765	20.0
n-Hexadecanoic acid	18.33	2.9	ng	91508	4	17.47	629535	20.0
Docosane, 11-butyl-	22.52	2.6	ng	86076	5	21.75	651642	20.0
Hentriacontane	23.22	3.6	ng	116785	5	21.75	651642	20.0
Octacosane	24.05	4.4	ng	136630	6	25.08	619578	20.0
Eicosane, 10-methyl-	26.18	3.7	ng	115778	6	25.08	619578	20.0
Eicosane	27.57	2.1	ng	64476	6	25.08	619578	20.0