LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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	5.629	392	398	408	rBV	278690	470881	18.95%	3.503%
2	7.233	664	671	683	rVB2	186838	372171	14.97%	2.769%
3	7.615	728	736	749	rBV	520119	942108	37.91%	7.008%
4	8.085	809	816	826	rVB	146929	259414	10.44%	1.930%
5	8.408	863	871	882	rVB	439614	781193	31.43%	5.811%
6	9.266	1008	1017	1026	rBV	437837	815714	32.82%	6.068%
7	10.905	1288	1296	1304	rBV	216524	397048	15.98%	2.954%
8	13.343	1701	1711	1723	rBV	1105235	1739210	69.98%	12.938%
9	14.724	1937	1946	1957	rBV2	339998	568361	22.87%	4.228%
10	16.210	2192	2199	2214	rBV	771430	1229069	49.45%	9.143%
11	17.468	2407	2413	2425	rVB2	409850	649055	26.12%	4.828%
12	18.114	2517	2523	2527	rBV4	23645	30741	1.24%	0.229%
13	18.326	2554	2559	2567	rBV3	31695	52848	2.13%	0.393%
14	20.071	2850	2856	2868	rBV	1843803	2485349	100.00%	18.489%
15	21.346	3069	3073	3077	rBV	24323	38226	1.54%	0.284%
16	21.757	3135	3143	3151	rBV	408674	700344	28.18%	5.210%
17	21.904	3161	3168	3176	rVB	56841	88819	3.57%	0.661%
18	22.515	3266	3272	3281	rBV	89357	153553	6.18%	1.142%
19	23.226	3386	3393	3402	rVB	125405	239864	9.65%	1.784%
20	24.048	3525	3533	3543	rBV3	113029	261681	10.53%	1.947%
21	25.024	3690	3699	3702	rBV3	99654	260095	10.47%	1.935%
22	25.082	3703	3709	3723	rVB3	187978	583748	23.49%	4.343%
23	26.181	3886	3896	3906	rVB2	62589	201632	8.11%	1.500%
24	27.568	4122	4132	4146	rVB3	33806	121372	4.88%	0.903%

Sum of corrected areas: 13442496

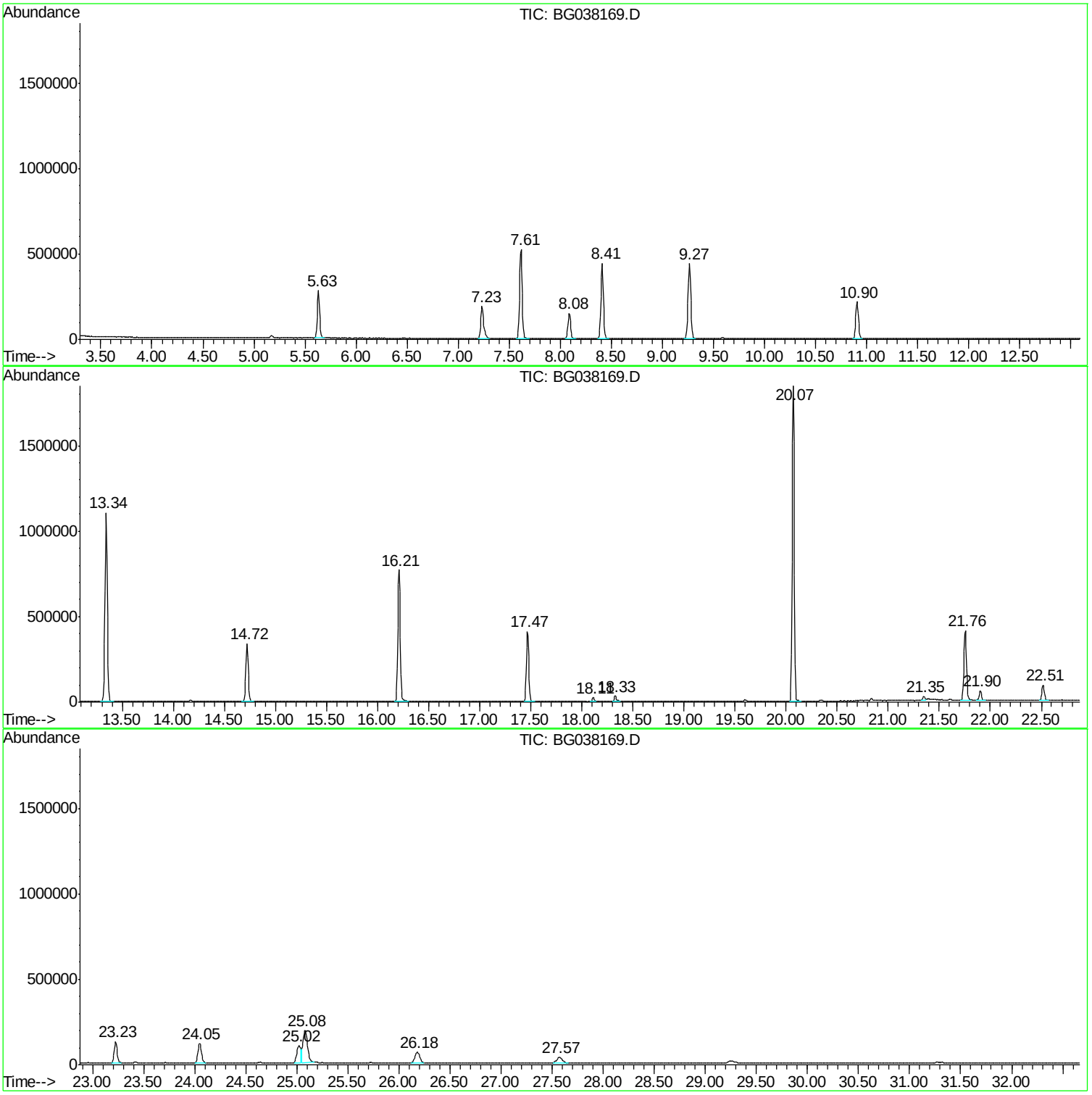
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

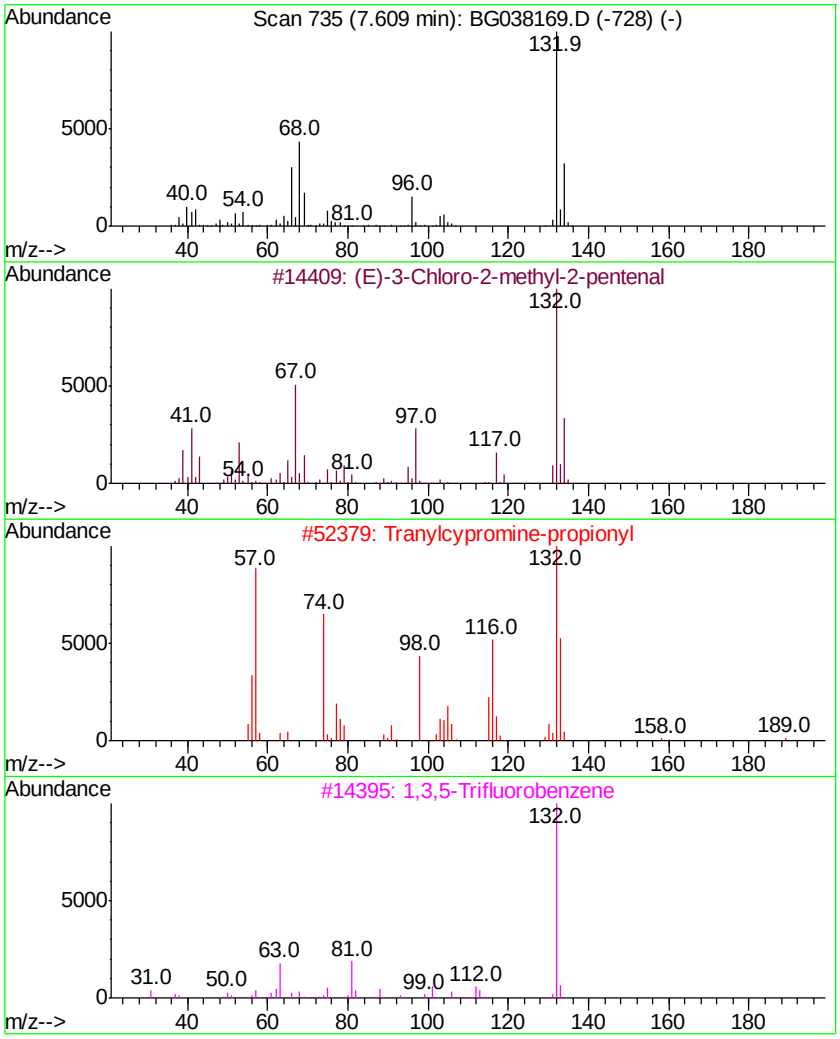
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

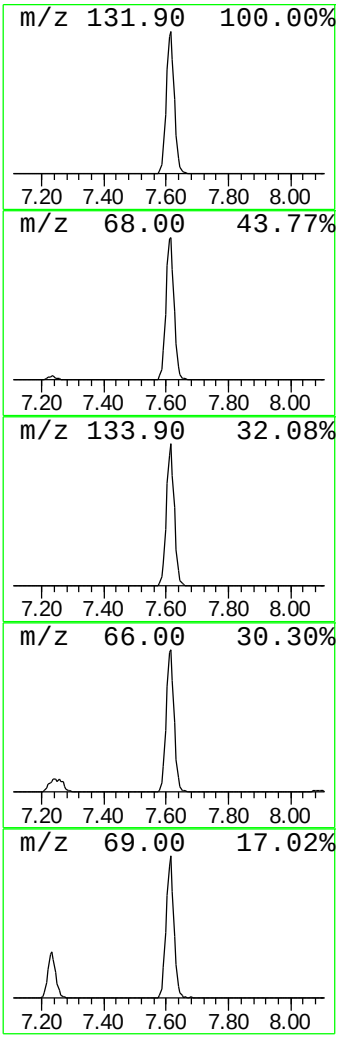
****

Peak Number 1 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	72.63 ng	942108	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
4	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

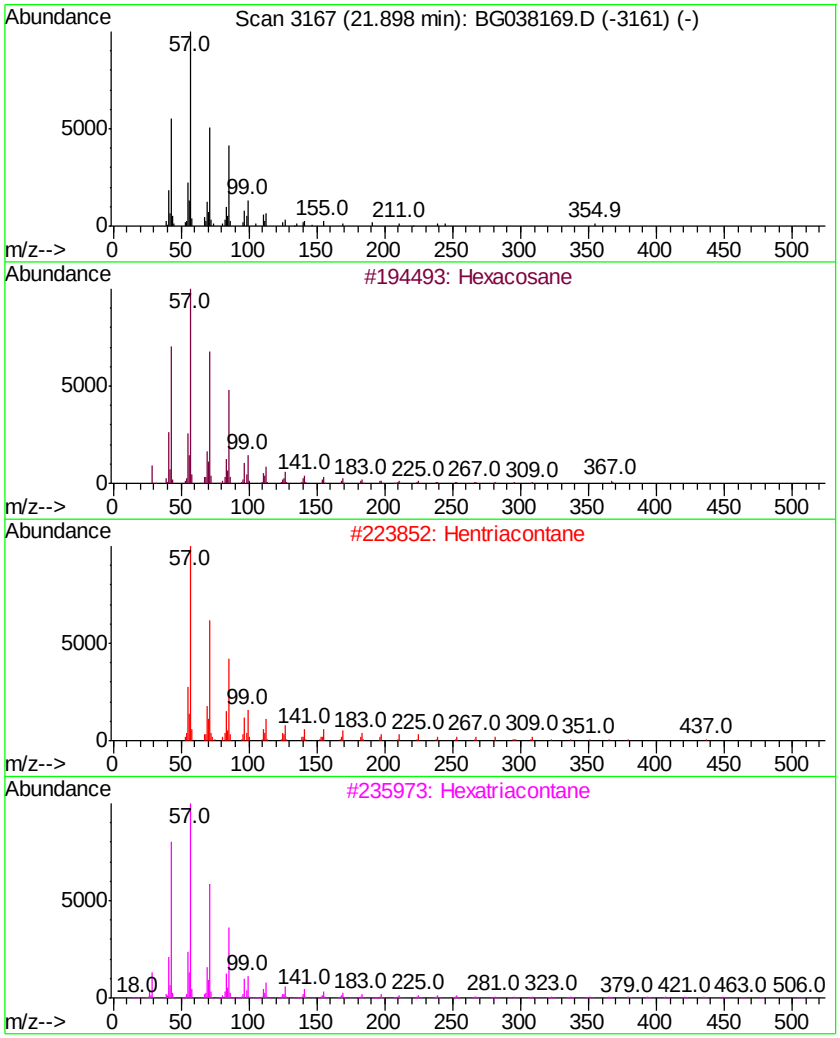
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

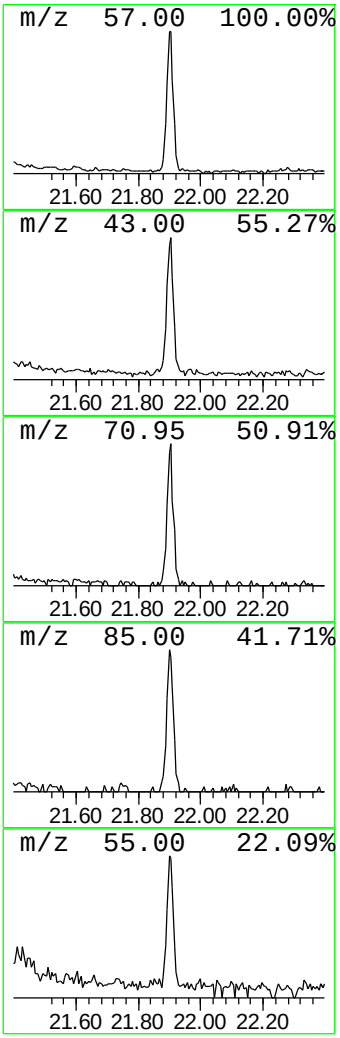
****

Peak Number 3 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	2.54 ng	88819	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	10-Methylnonadecane	282	C20H42	056862-62-5	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

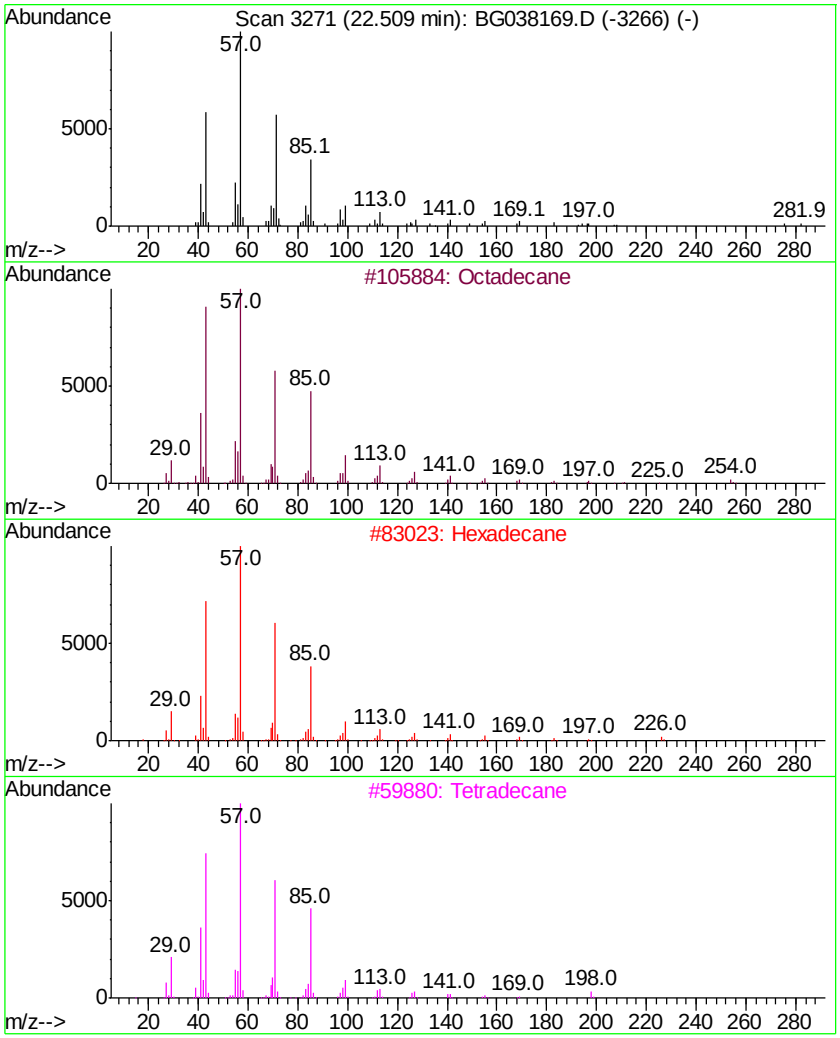
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

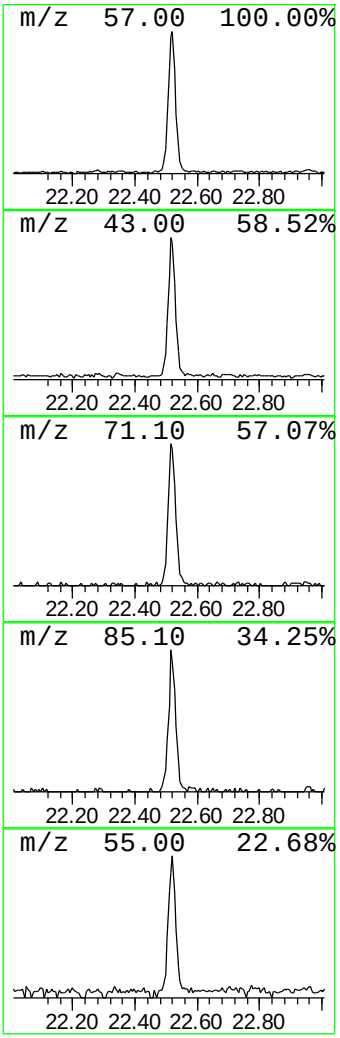
****

Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	4.39 ng	153553	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

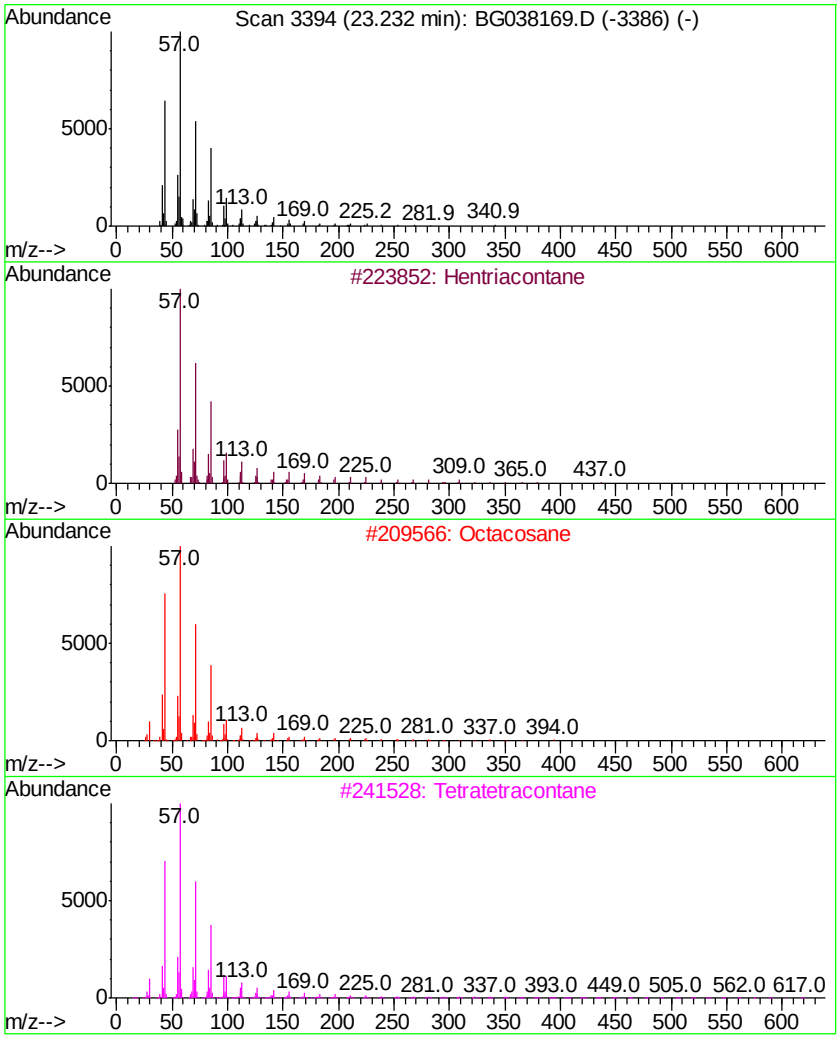
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

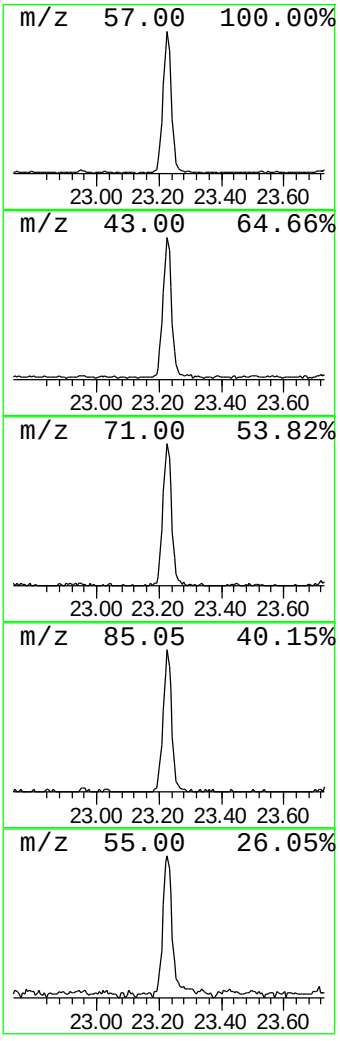
****

Peak Number 5 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	6.85 ng	239864	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

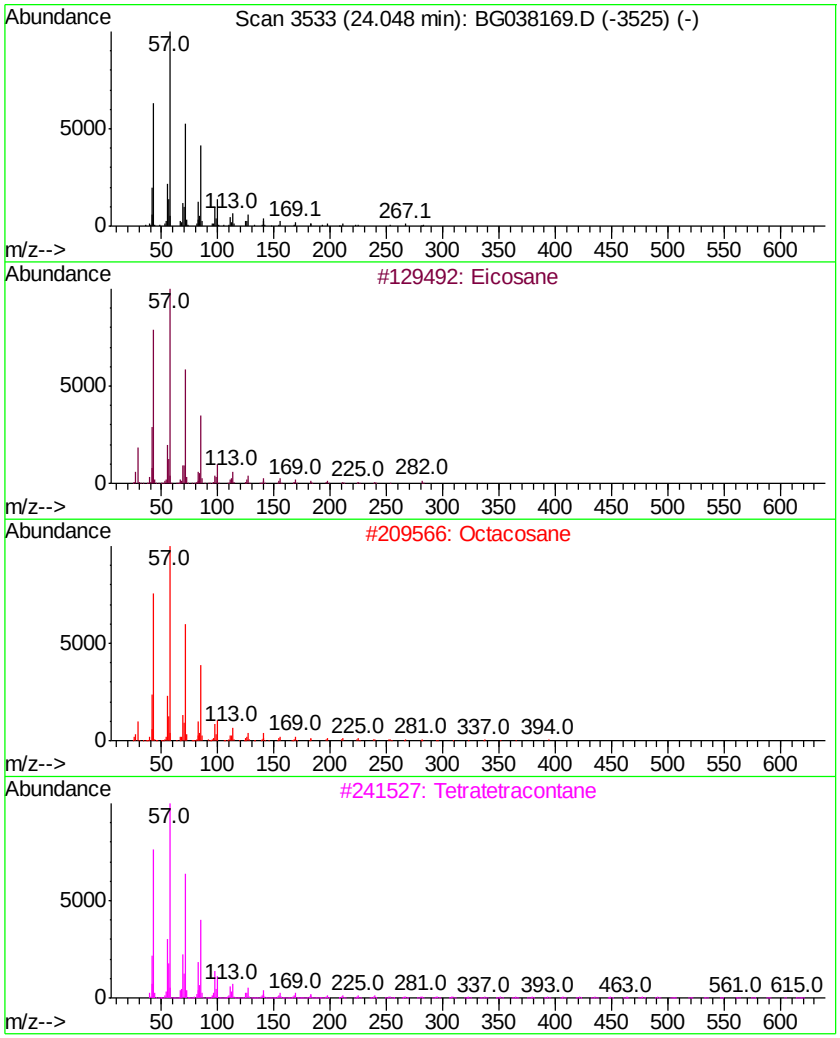
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

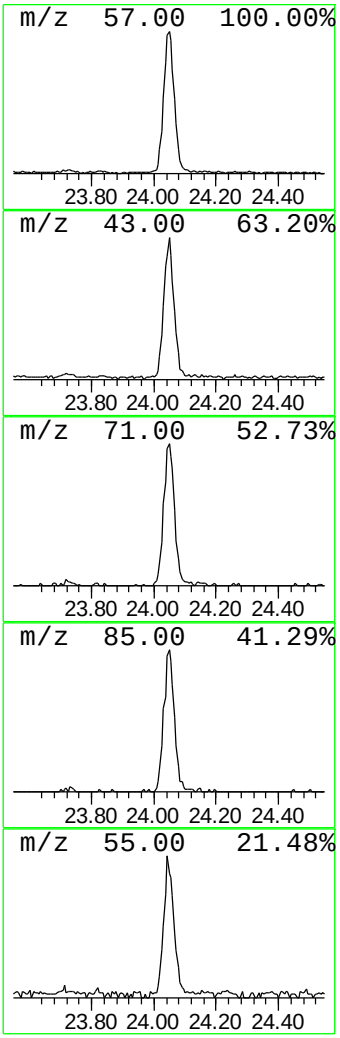
****

Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	8.97 ng	261681	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	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\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

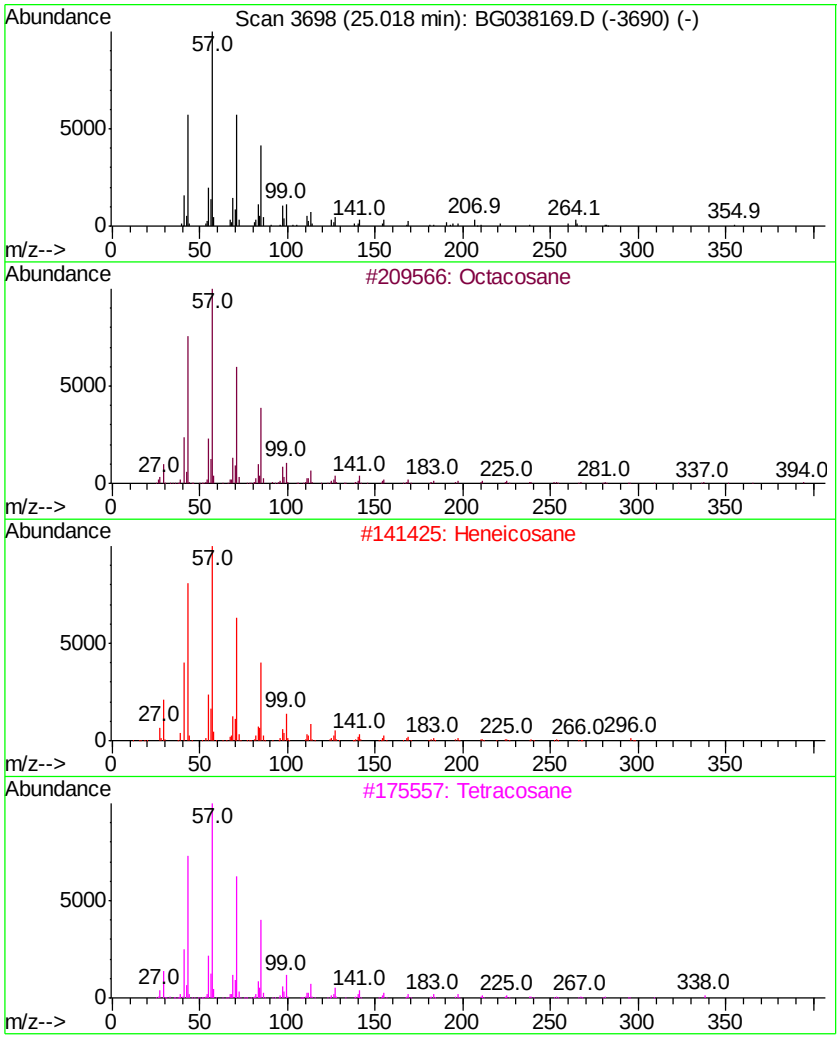
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

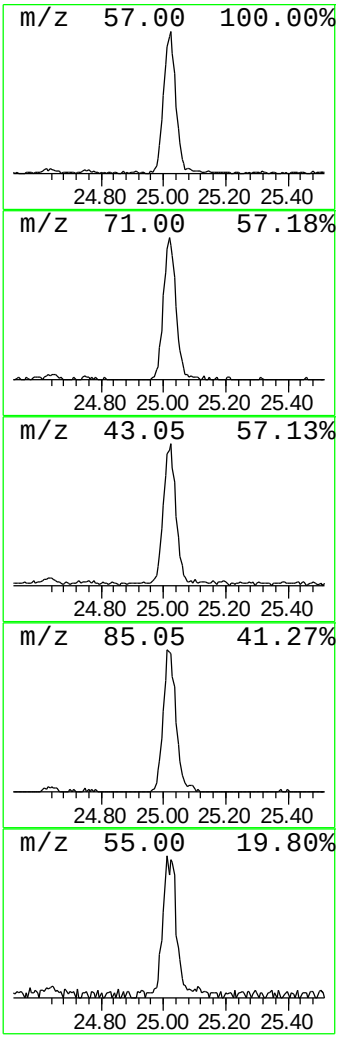
****

Peak Number 7 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	8.91 ng	260095	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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

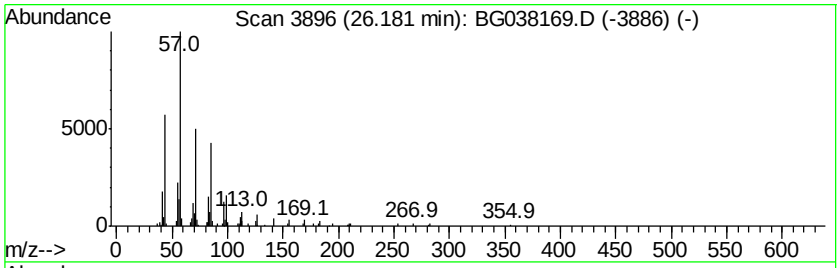
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

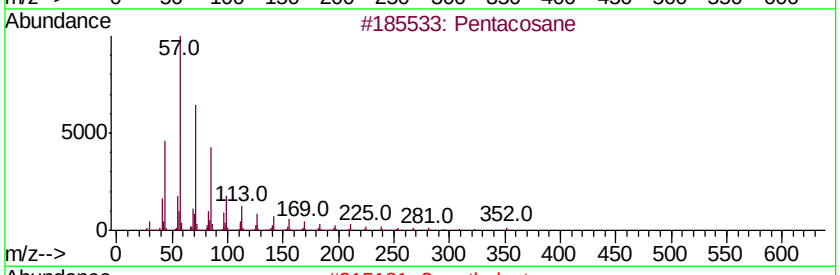
****

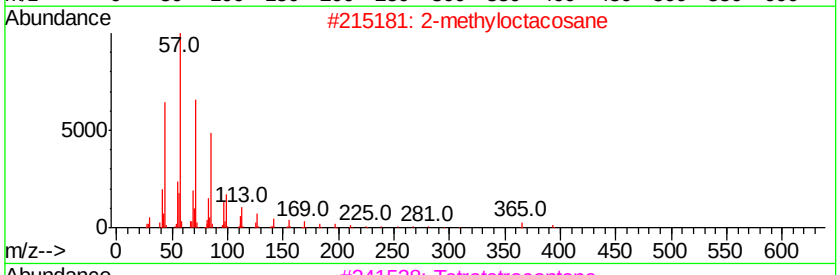
Peak Number 8 Pentacosane Concentration Rank 5

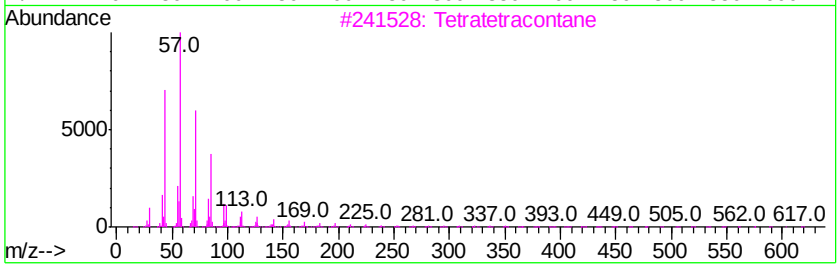
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	6.91 ng	201632	Perylene-d12	25.08

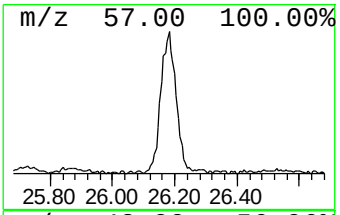
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86
5	Docosane	310	C22H46	000629-97-0	86

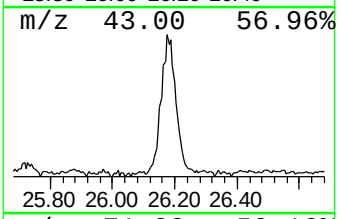


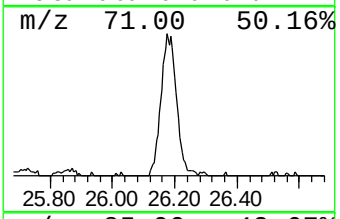


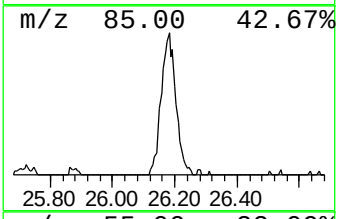


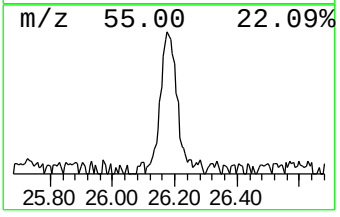












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
Data File : BG038169.D
Acq On : 27 Nov 2018 16:20
Operator : JU/SJ
Sample : J6060-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180948-SITE-WATER

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
unknown7.61	7.61	72.6	ng	942108	1	8.08	259414	20.0
Hexacosane	21.90	2.5	ng	88819	5	21.76	700344	20.0
Octadecane	22.51	4.4	ng	153553	5	21.76	700344	20.0
Hentriacontane	23.23	6.8	ng	239864	5	21.76	700344	20.0
Eicosane	24.05	9.0	ng	261681	6	25.08	583748	20.0
Octacosane	25.02	8.9	ng	260095	6	25.08	583748	20.0
Pentacosane	26.18	6.9	ng	201632	6	25.08	583748	20.0