LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

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-BG123019.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	5.032	326	331	341	rBV	101305	165558	2.90%	0.488%
2	5.508	405	412	425	rBV	626948	1025808	17.97%	3.022%
3	7.101	675	683	699	rBV	402455	797477	13.97%	2.349%
4	7.465	737	745	759	rBV	1303586	2268954	39.75%	6.683%
5	7.929	817	824	834	rBV	292131	498072	8.72%	1.467%
6	8.252	869	879	891	rBV	1188495	2121432	37.16%	6.249%
7	9.086	1012	1021	1035	rBV	984021	1767135	30.96%	5.205%
8	10.732	1293	1301	1312	rBV	412031	752911	13.19%	2.218%
9	13.193	1711	1720	1735	rBV	2601154	4269821	74.80%	12.577%
10	13.475	1762	1768	1774	rBV	47470	79239	1.39%	0.233%
11	14.016	1855	1860	1866	rBV	64262	100333	1.76%	0.296%
12	14.568	1943	1954	1963	rBV	717725	1143207	20.03%	3.367%
13	16.055	2200	2207	2226	rBV	2209240	3550269	62.19%	10.457%
14	17.312	2414	2421	2430	rBV	854817	1344392	23.55%	3.960%
15	19.069	2716	2720	2729	rBV	175107	326096	5.71%	0.961%
16	19.139	2729	2732	2737	rVB	52038	68024	1.19%	0.200%
17	19.386	2771	2774	2779	rVB	53948	64472	1.13%	0.190%
18	19.715	2823	2830	2833	rBV2	103193	144229	2.53%	0.425%
19	19.745	2833	2835	2841	rVB	61669	80016	1.40%	0.236%
20	19.927	2860	2866	2880	rBV	4184519	5708671	100.00%	16.815%
21	20.244	2912	2920	2925	rBV2	197013	322740	5.65%	0.951%
22	20.738	2999	3004	3008	rBV	278189	312952	5.48%	0.922%
23	21.237	3084	3089	3100	rBV	425588	671569	11.76%	1.978%
24	21.560	3137	3144	3152	rBV	818842	1401303	24.55%	4.128%
25	21.772	3174	3180	3186	rBV	327576	458844	8.04%	1.352%
26	22.318	3269	3273	3276	rBV2	44003	72038	1.26%	0.212%
27	22.365	3276	3281	3288	rVB	320425	513650	9.00%	1.513%
28	23.035	3389	3395	3408	rVB	338650	642617	11.26%	1.893%
29	23.217	3422	3426	3434	rVB	53653	96329	1.69%	0.284%
30	23.816	3521	3528	3536	rBV	284733	603639	10.57%	1.778%
31	24.668	3663	3673	3679	rBV2	494874	1401826	24.56%	4.129%
32	24.733	3680	3684	3694	rVB	226528	503273	8.82%	1.482%
33	25.820	3860	3869	3880	rBV2	149542	433943	7.60%	1.278%
34	27.130	4085	4092	4103	rVB4	73223	238690	4.18%	0.703%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

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-BG123019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 33949529

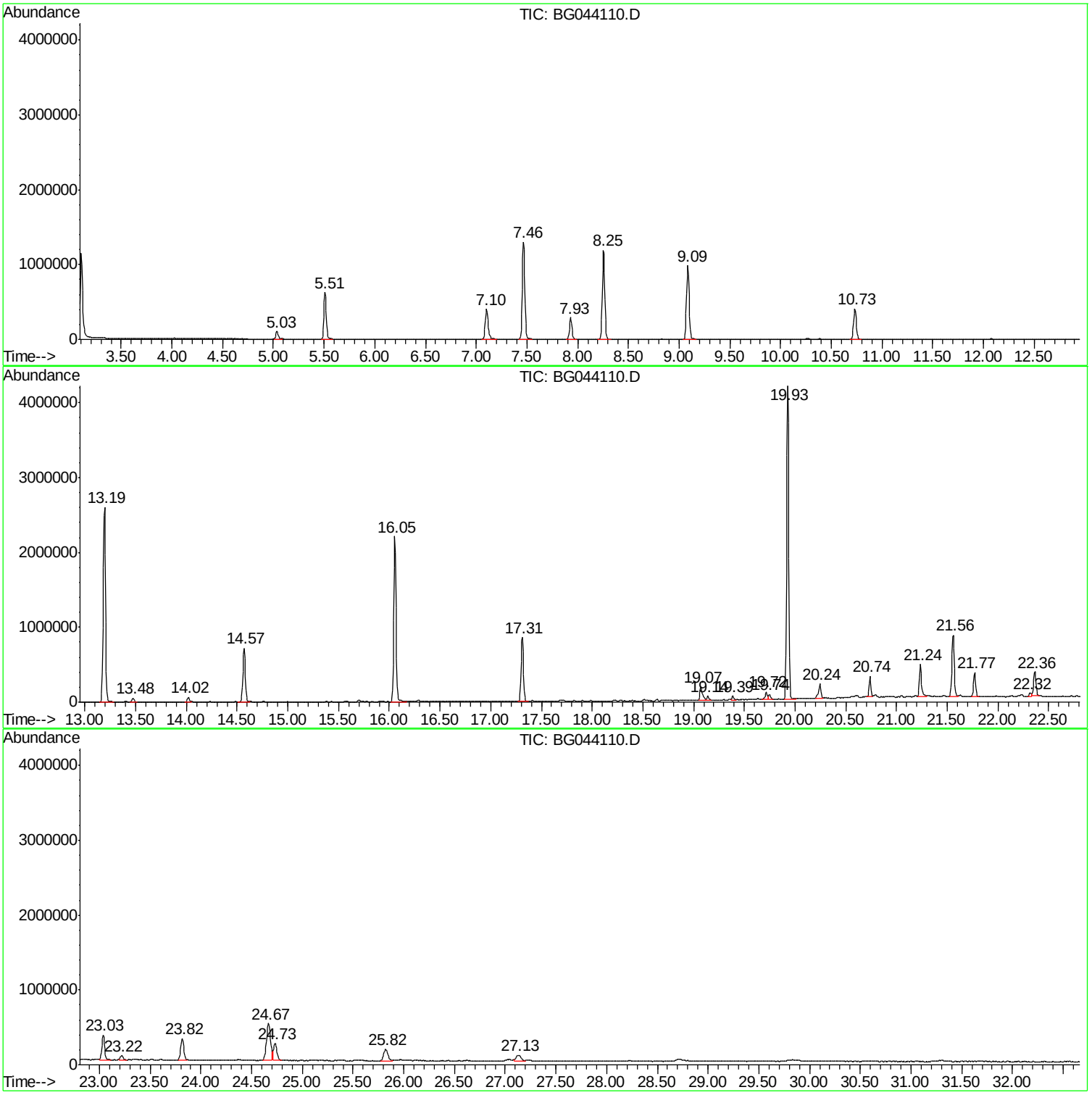
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

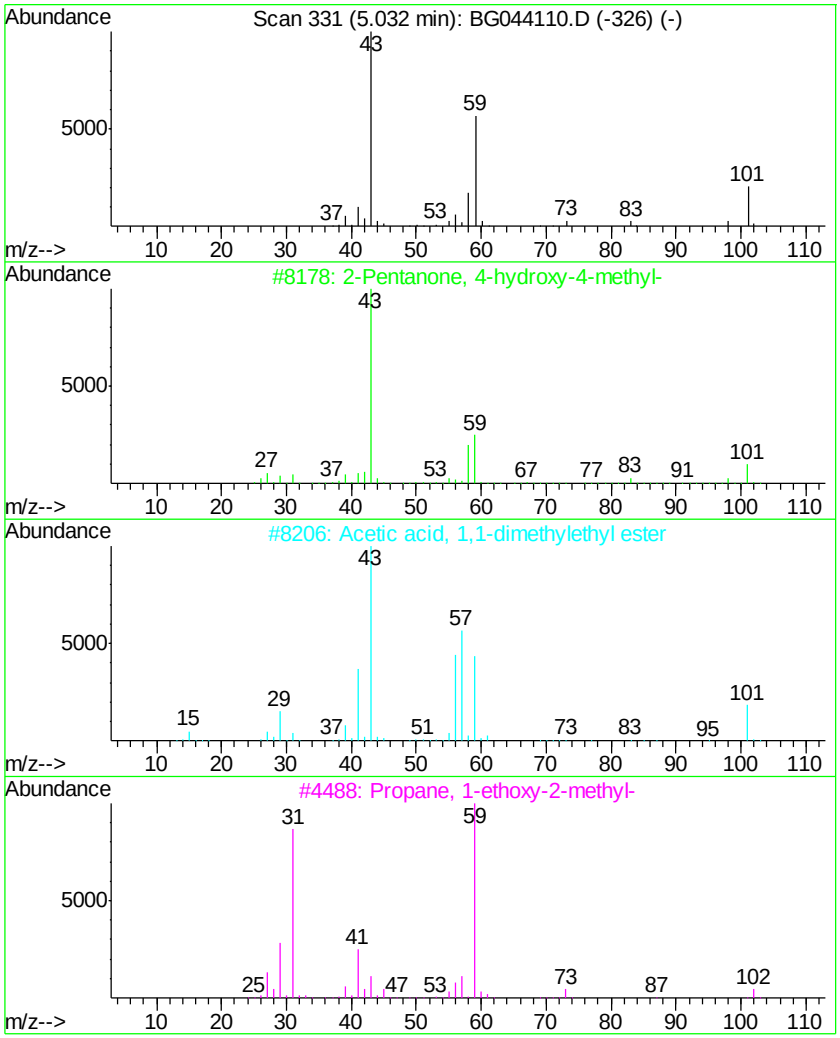
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

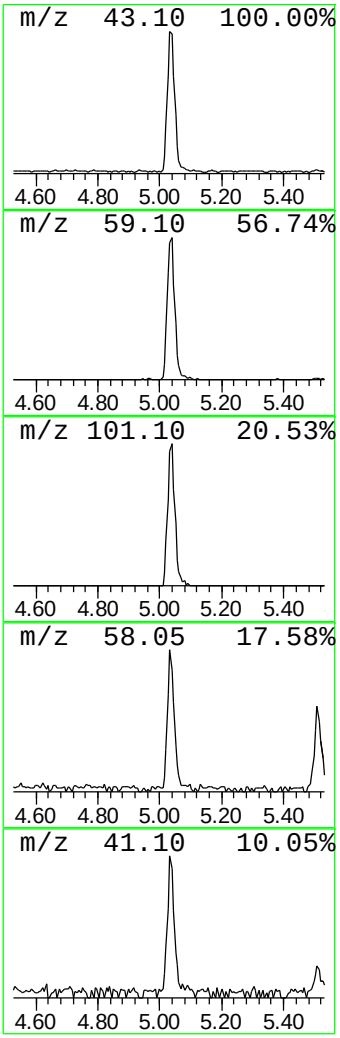
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.65 ng	165558	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

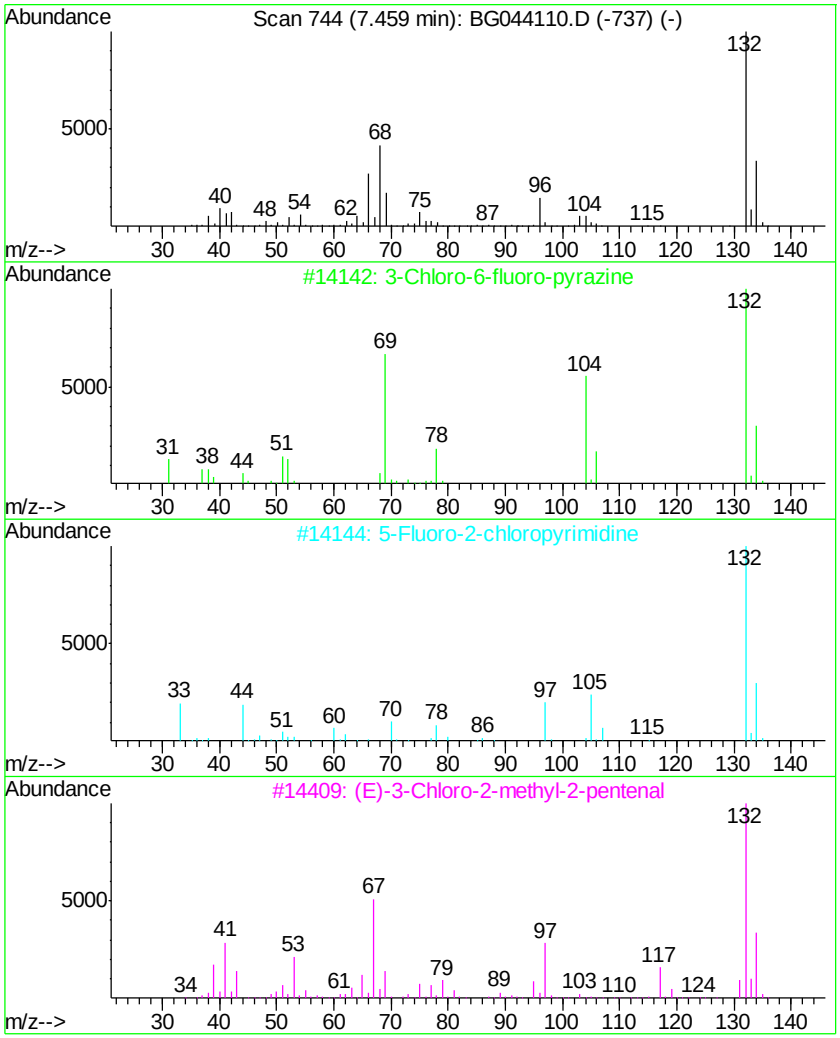
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

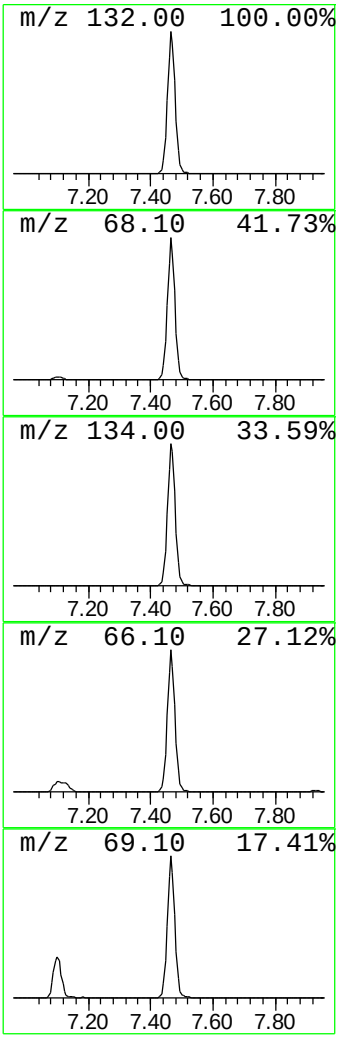
****

Peak Number 2 unknown7.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	91.11 ng	2268950	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Amphetaminil	250	C17H18N2	017590-01-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

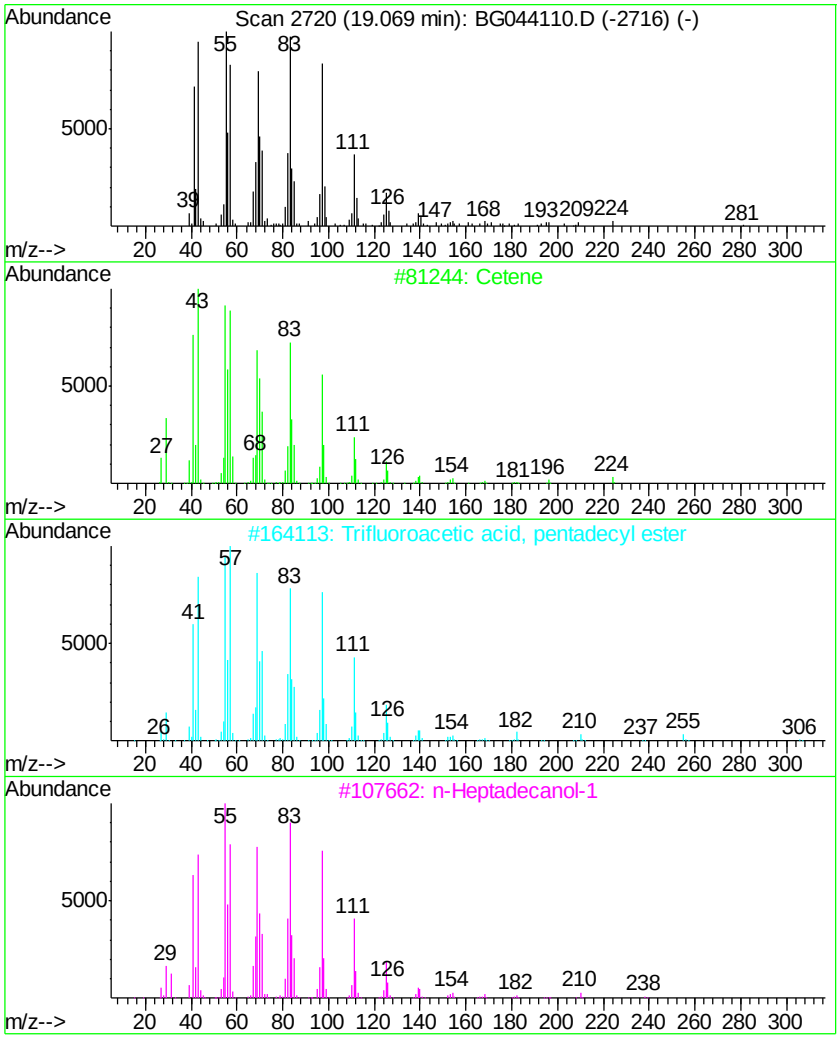
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

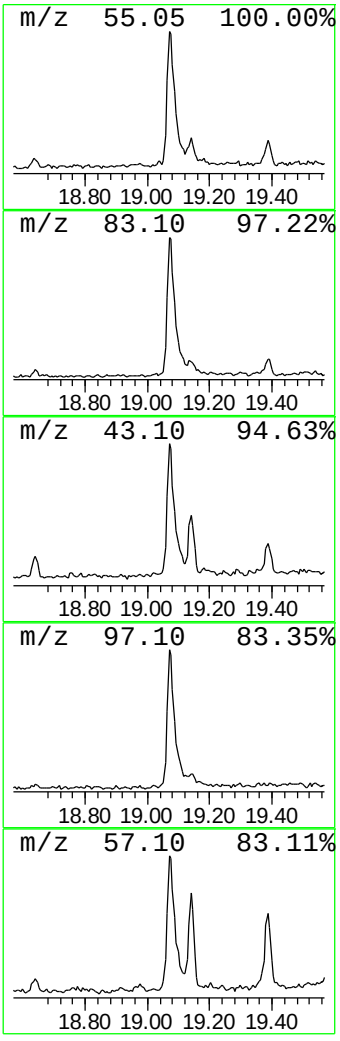
****

Peak Number 4 Cetene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.85 ng	326096	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

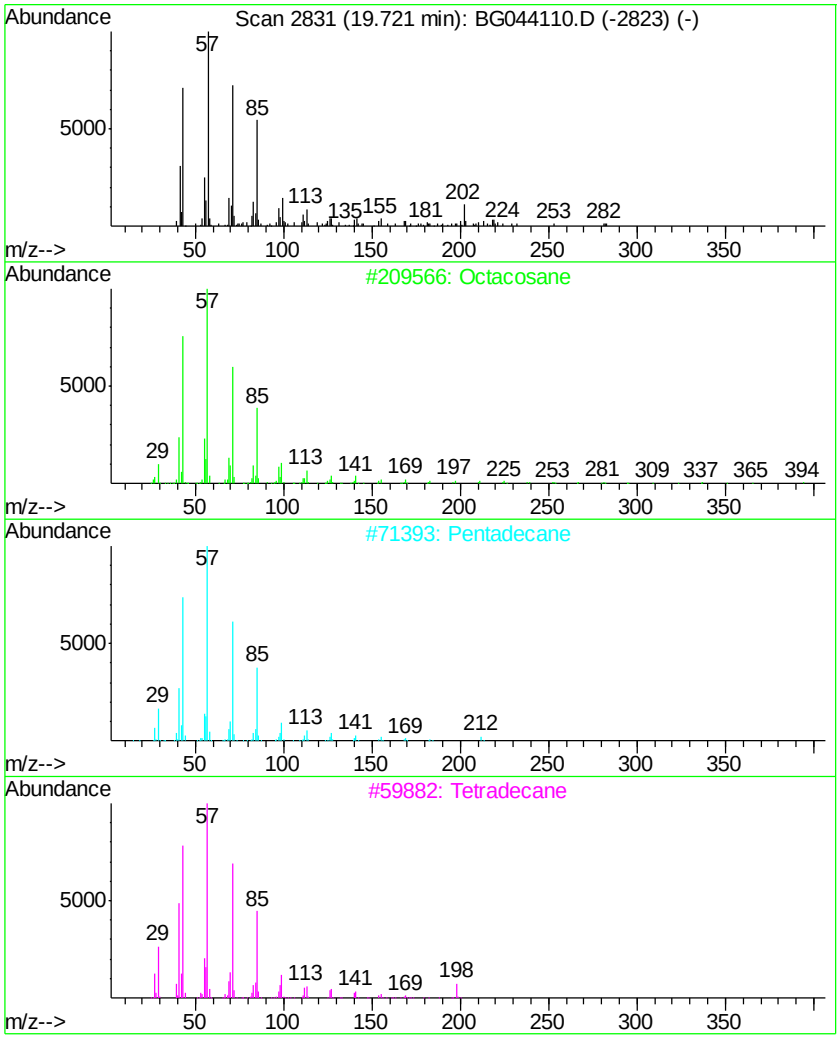
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

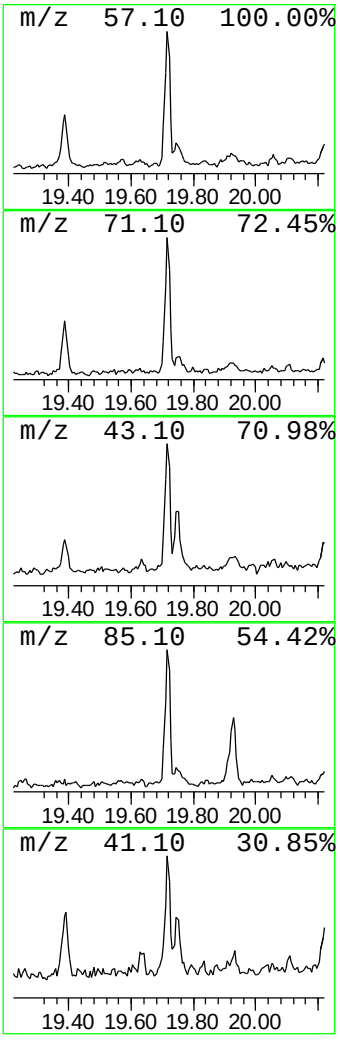
****

Peak Number 5 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.06 ng	144229	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

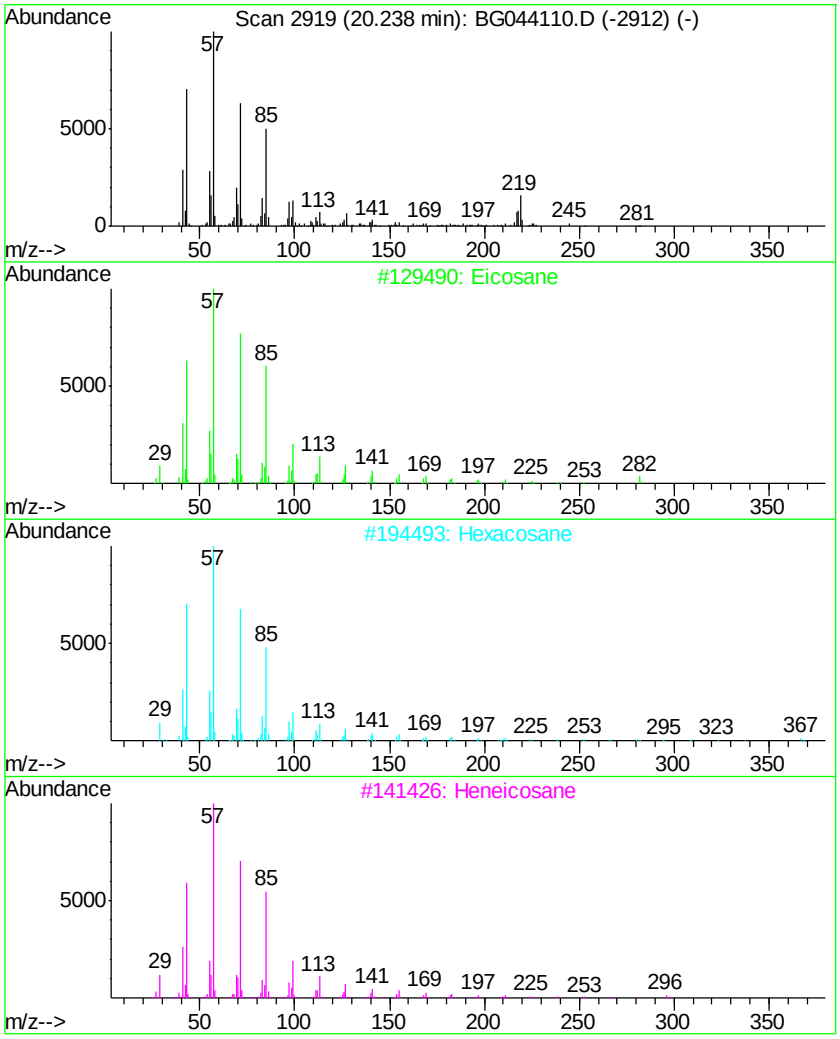
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

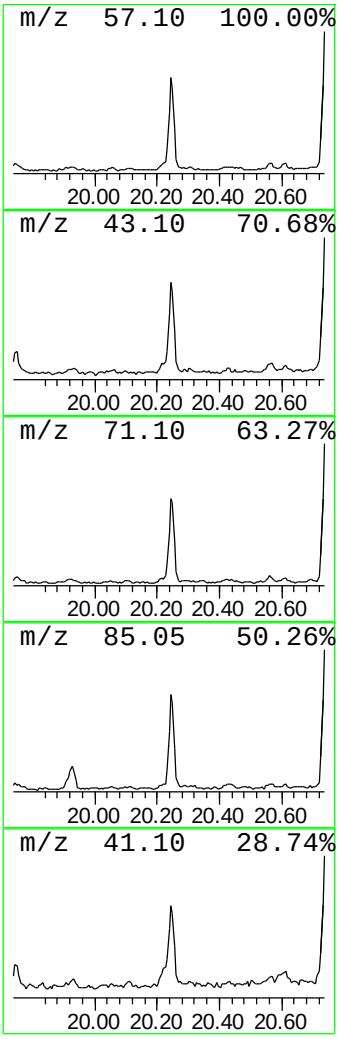
****

Peak Number 6 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	4.61 ng	322740	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

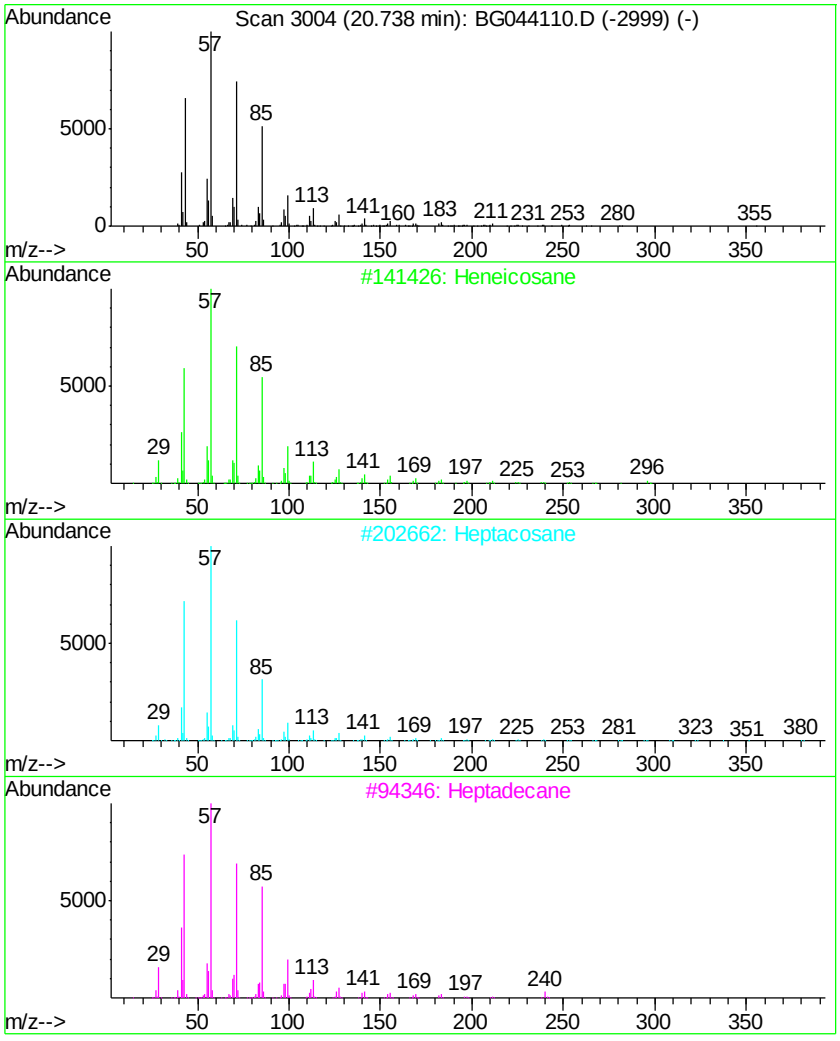
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

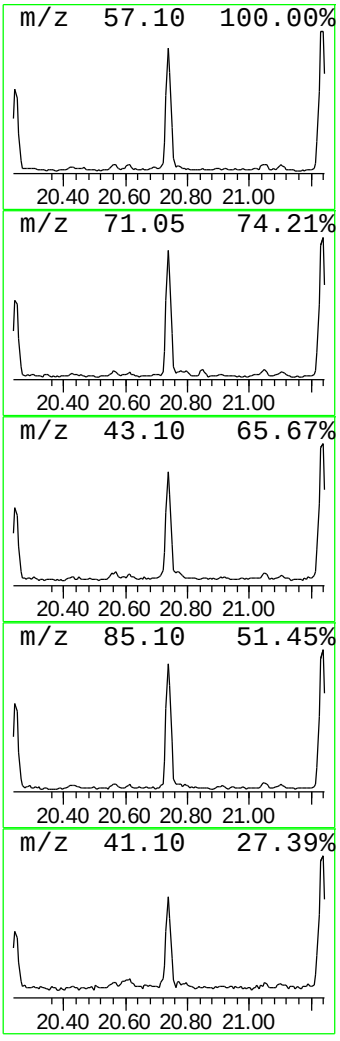
****

Peak Number 7 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	4.47 ng	312952	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

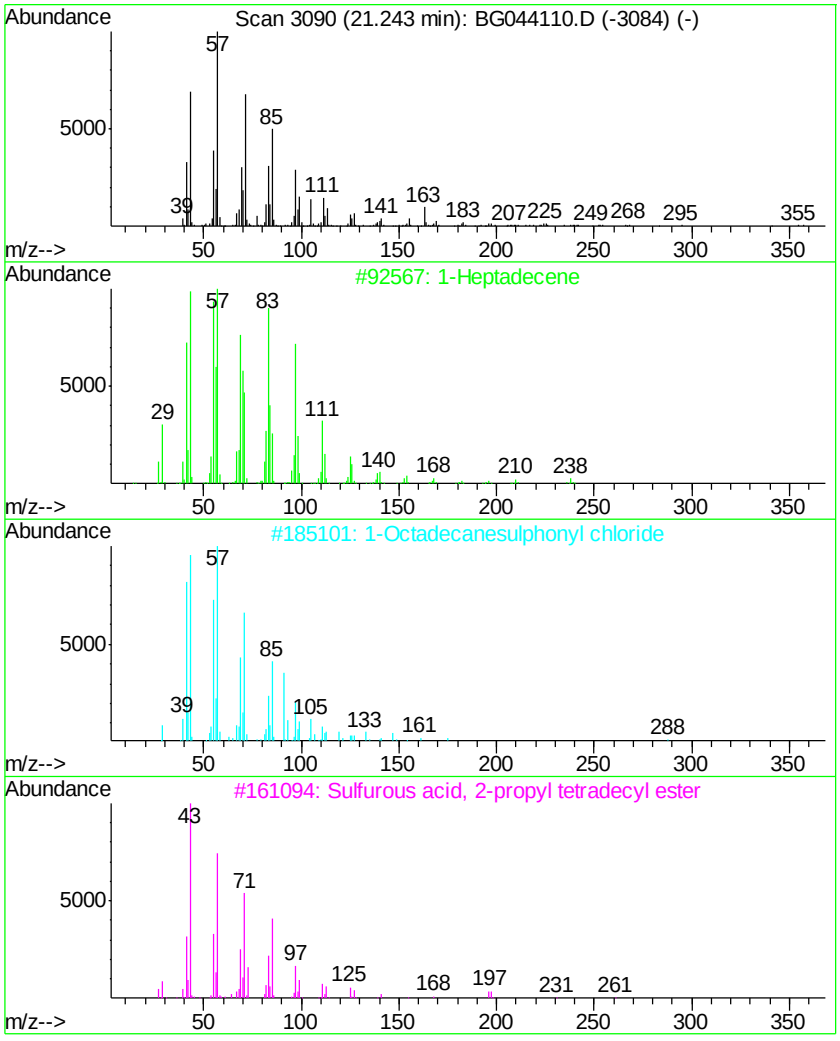
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

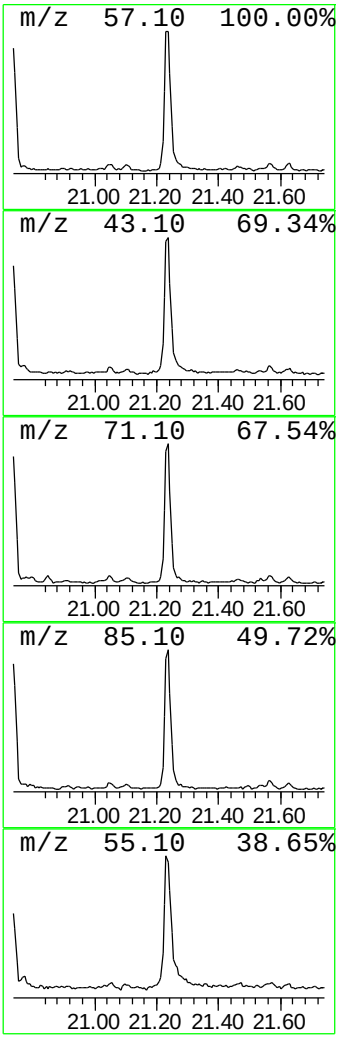
****

Peak Number 8 1-Heptadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	9.58 ng	671569	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	96
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
5	1-Pentadecene	210	C15H30	013360-61-7	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

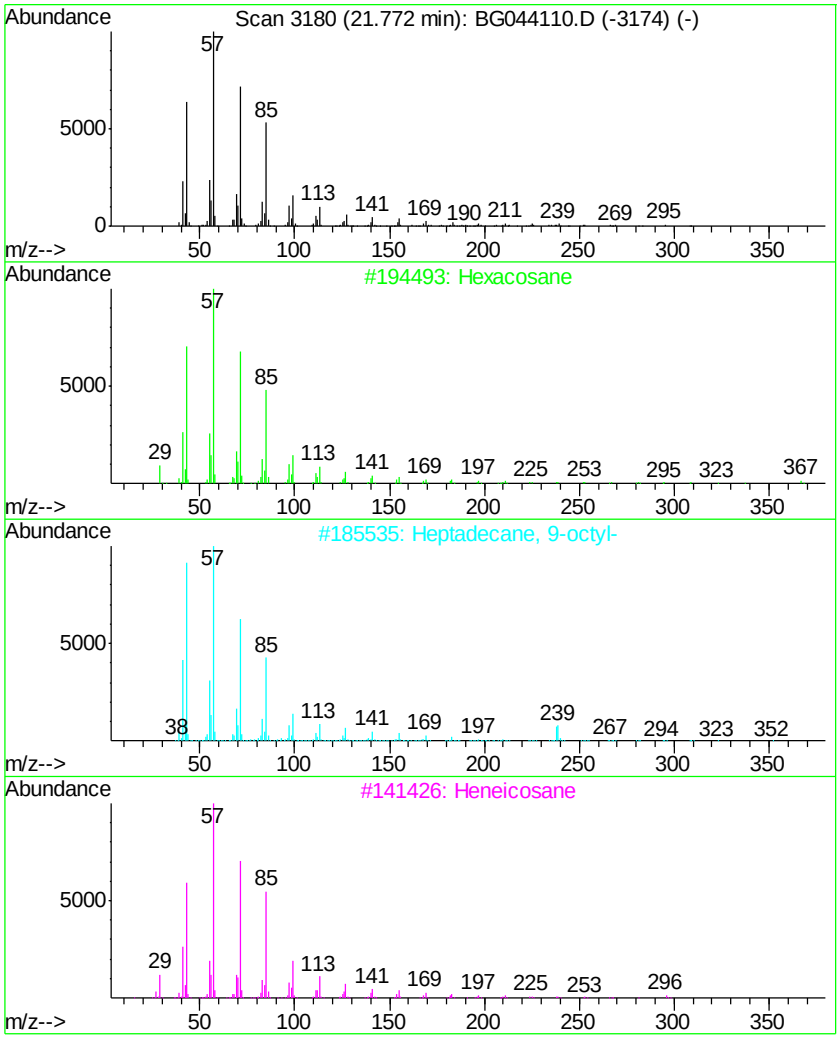
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

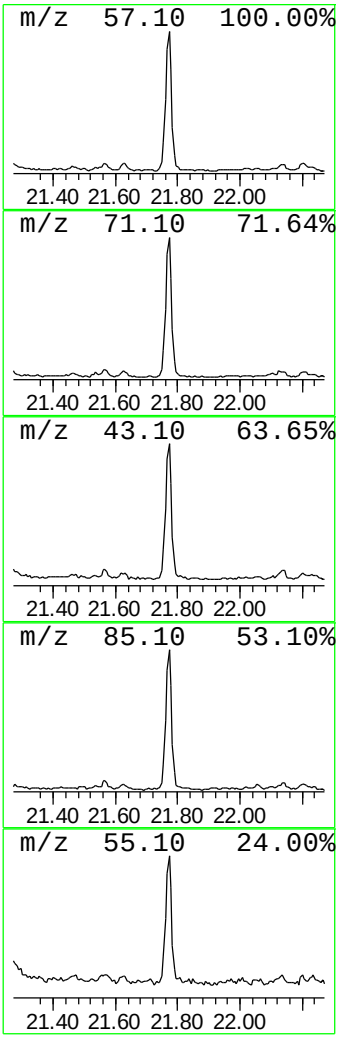
****

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	6.55 ng	458844	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

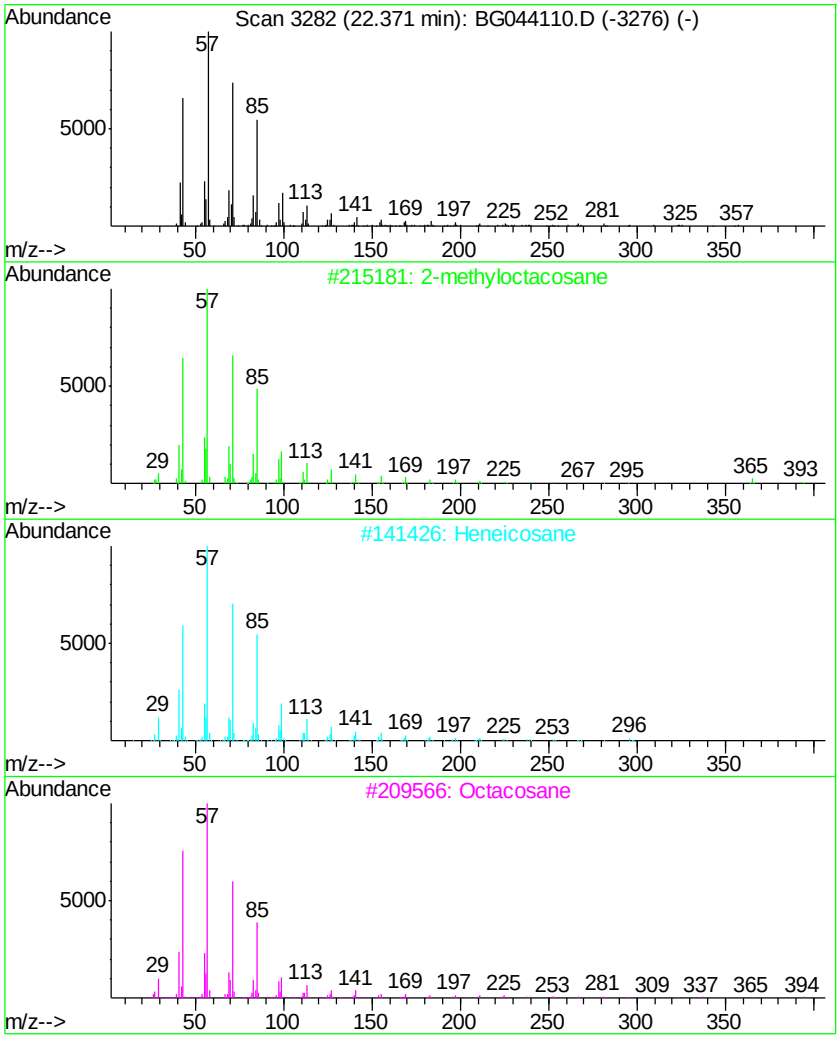
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

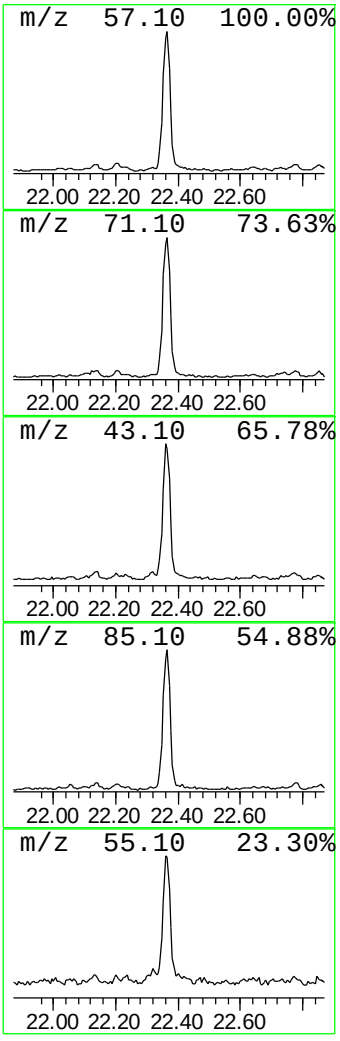
****

Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	7.33 ng	513650	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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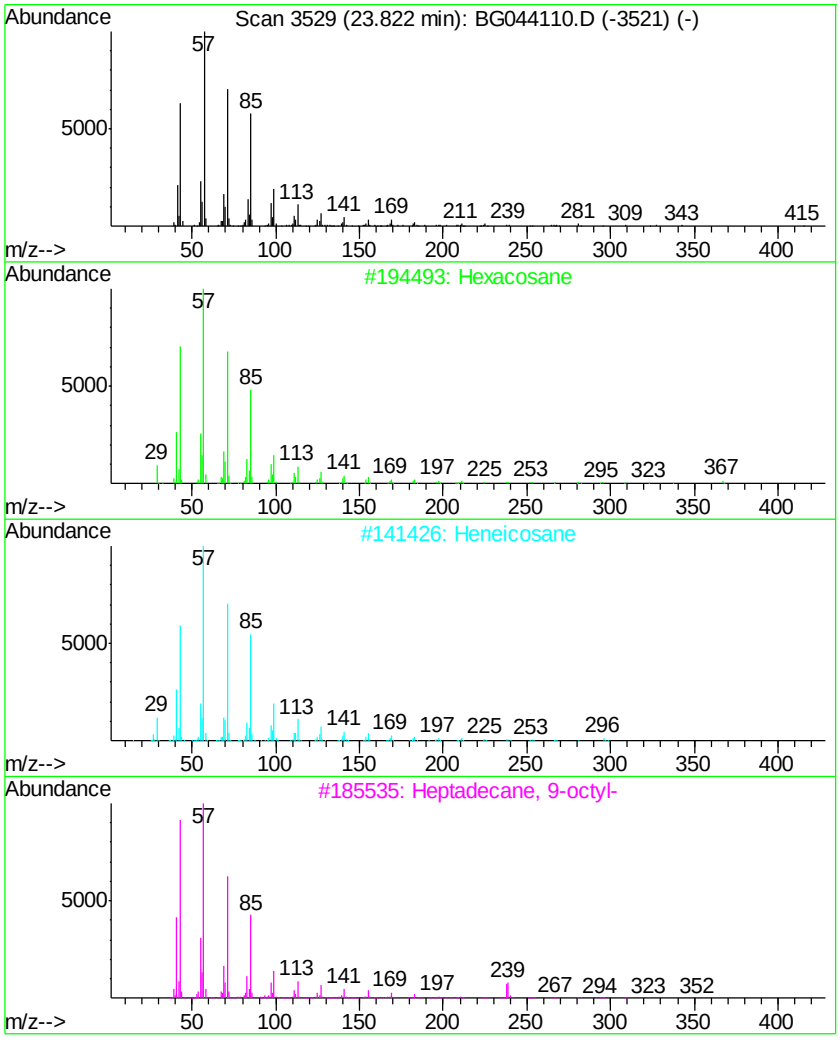
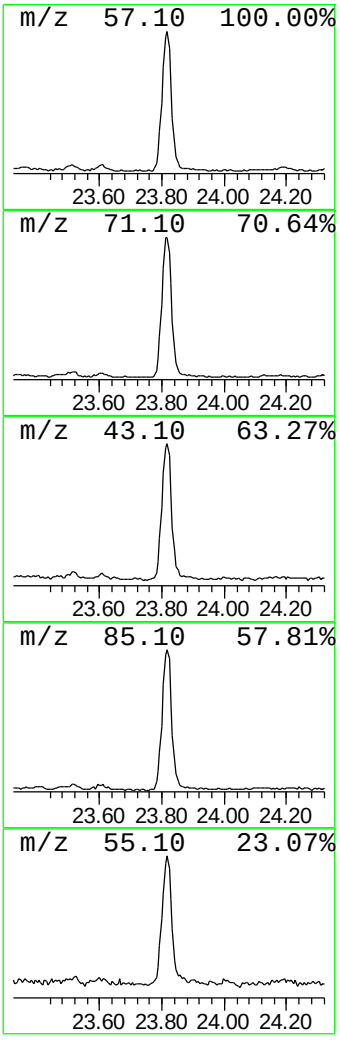
Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	8.61 ng	603639	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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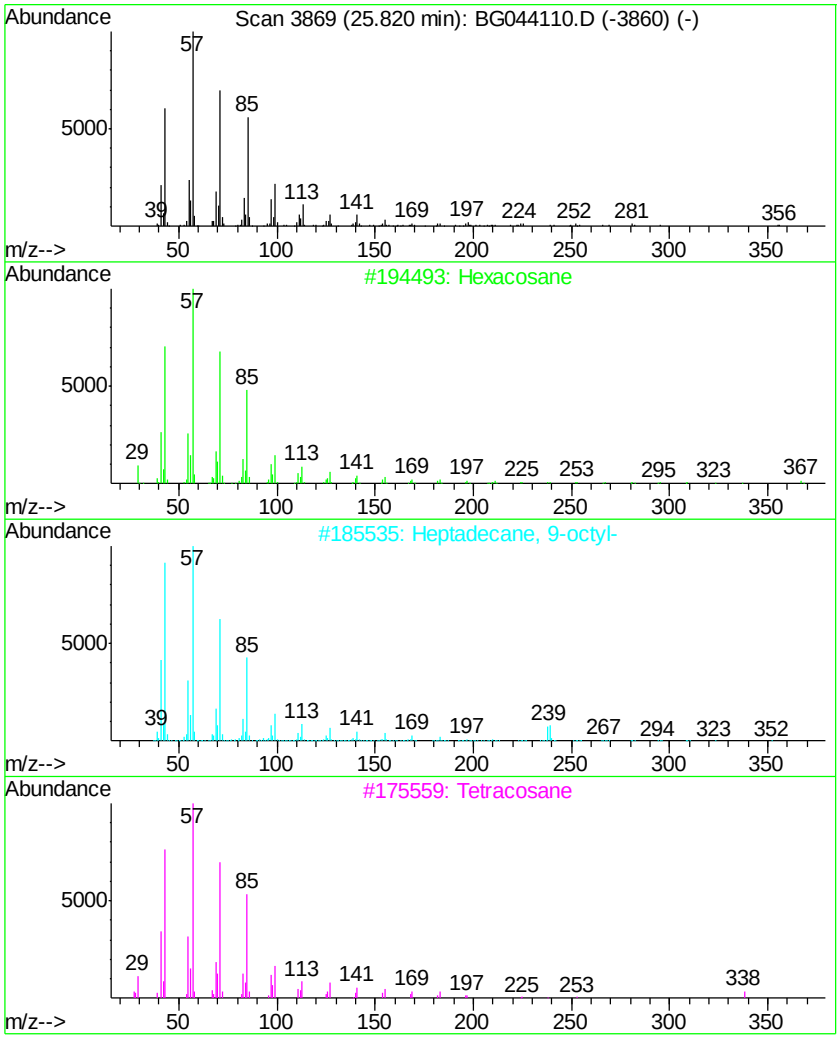
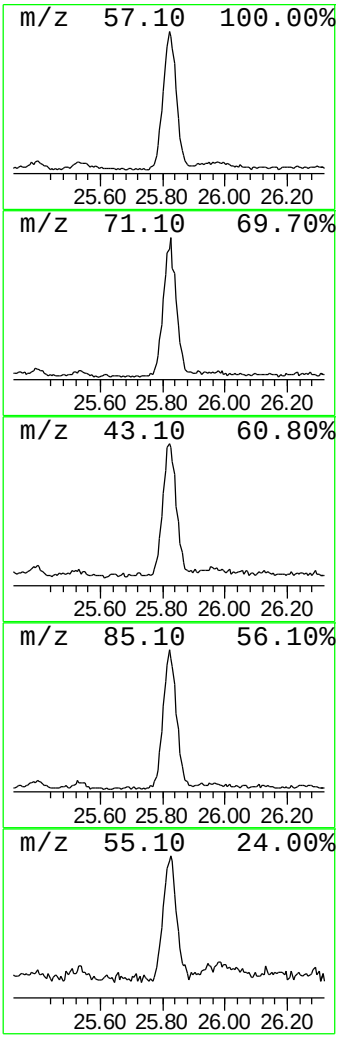
Peak Number 14 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	6.19 ng	433943	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
3	Tetracosane	338	C24H50	000646-31-1	76
4	Heptacosane	380	C27H56	000593-49-7	76
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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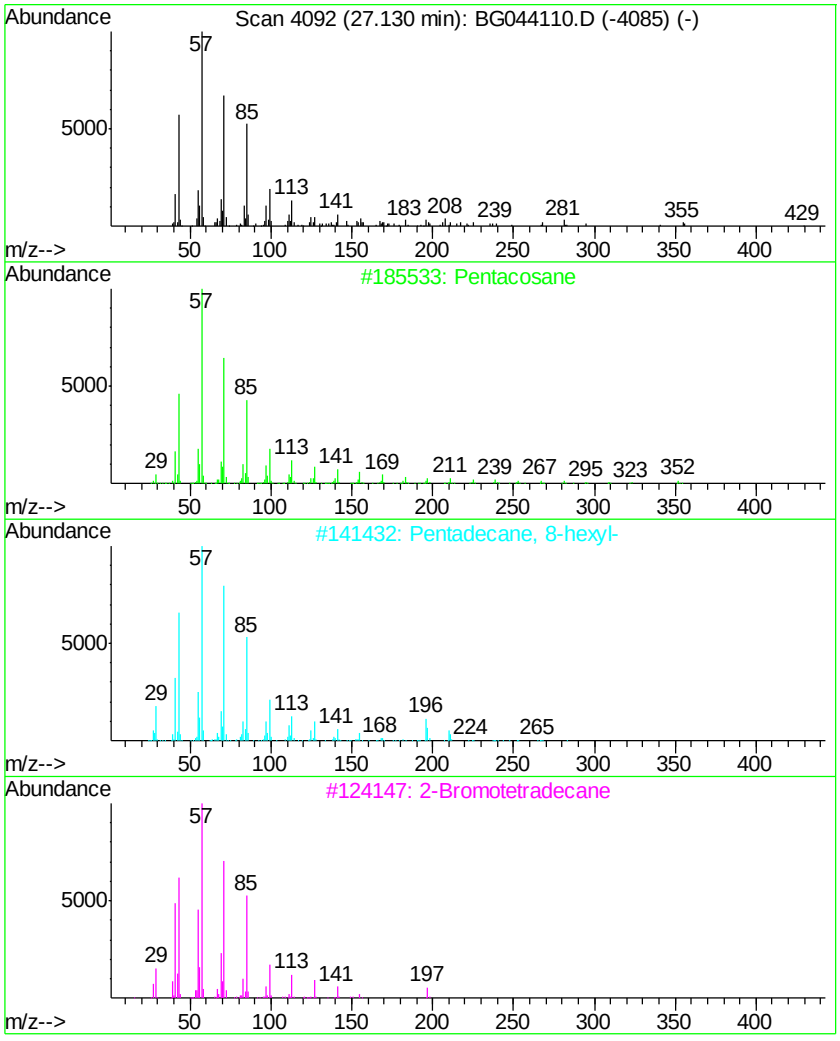
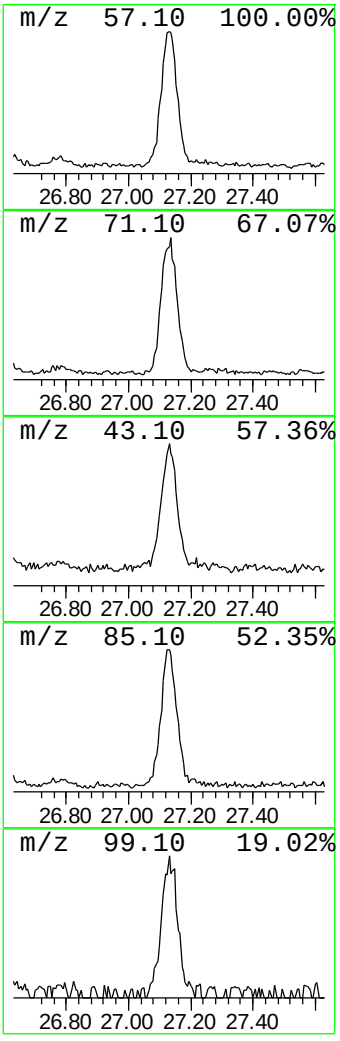
Peak Number 15 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.13	3.41 ng	238690	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	5.03	6.7	ng	165558	1	7.93	498072	20.0
unknown7.46	7.46	91.1	ng	2268950	1	7.93	498072	20.0
Cetene	19.07	4.8	ng	326096	4	17.31	1344390	20.0
Octacosane	19.72	2.1	ng	144229	5	21.56	1401300	20.0
Eicosane	20.24	4.6	ng	322740	5	21.56	1401300	20.0
Heneicosane	20.74	4.5	ng	312952	5	21.56	1401300	20.0
1-Heptadecene	21.24	9.6	ng	671569	5	21.56	1401300	20.0
Hexacosane	21.77	6.5	ng	458844	5	21.56	1401300	20.0
2-methyloctacosane	22.37	7.3	ng	513650	5	21.56	1401300	20.0
Heptadecane, 9-oc...	23.82	8.6	ng	603639	6	24.67	1401830	20.0
Tetracosane	25.82	6.2	ng	433943	6	24.67	1401830	20.0
Pentacosane	27.13	3.4	ng	238690	6	24.67	1401830	20.0