LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(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	5.030	325	330	343	rVB	87542	138144	2.51%	0.454%
2	5.506	404	411	425	rBV	555141	918763	16.66%	3.023%
3	7.098	675	682	698	rBV	373267	711428	12.90%	2.341%
4	7.463	737	744	758	rBV	1101473	1988242	36.06%	6.541%
5	7.933	817	824	833	rVB	244076	423505	7.68%	1.393%
6	8.256	870	879	887	rBV	1036579	1811728	32.86%	5.961%
7	9.084	1012	1020	1033	rBV	833470	1533043	27.81%	5.044%
8	10.735	1292	1301	1310	rBV	356227	657337	11.92%	2.163%
9	13.191	1711	1719	1733	rBV	2366772	3895078	70.65%	12.815%
10	14.020	1854	1860	1871	rBV	157716	247352	4.49%	0.814%
11	14.566	1944	1953	1960	rBV	665297	1042899	18.92%	3.431%
12	16.052	2199	2206	2222	rBV	2083288	3342012	60.62%	10.995%
13	17.310	2413	2420	2430	rBV	842615	1277982	23.18%	4.205%
14	19.924	2859	2865	2876	rBV	4029436	5513137	100.00%	18.138%
15	20.735	2997	3003	3007	rBV2	50526	68091	1.24%	0.224%
16	21.235	3082	3088	3100	rBV	344581	660897	11.99%	2.174%
17	21.558	3136	3143	3153	rBV	816782	1326872	24.07%	4.365%
18	21.769	3174	3179	3191	rBV	172060	261909	4.75%	0.862%
19	22.363	3274	3280	3285	rBV	261620	431027	7.82%	1.418%
20	23.033	3388	3394	3406	rVB	330066	612403	11.11%	2.015%
21	23.814	3520	3527	3536	rBV	322434	669793	12.15%	2.204%
22	24.666	3661	3672	3678	rBV	478892	1385521	25.13%	4.558%
23	24.736	3679	3684	3692	rVB	258925	625002	11.34%	2.056%
24	25.823	3860	3869	3881	rVB	188323	546195	9.91%	1.797%
25	27.134	4082	4092	4102	rBV4	89699	306737	5.56%	1.009%

Sum of corrected areas: 30395097

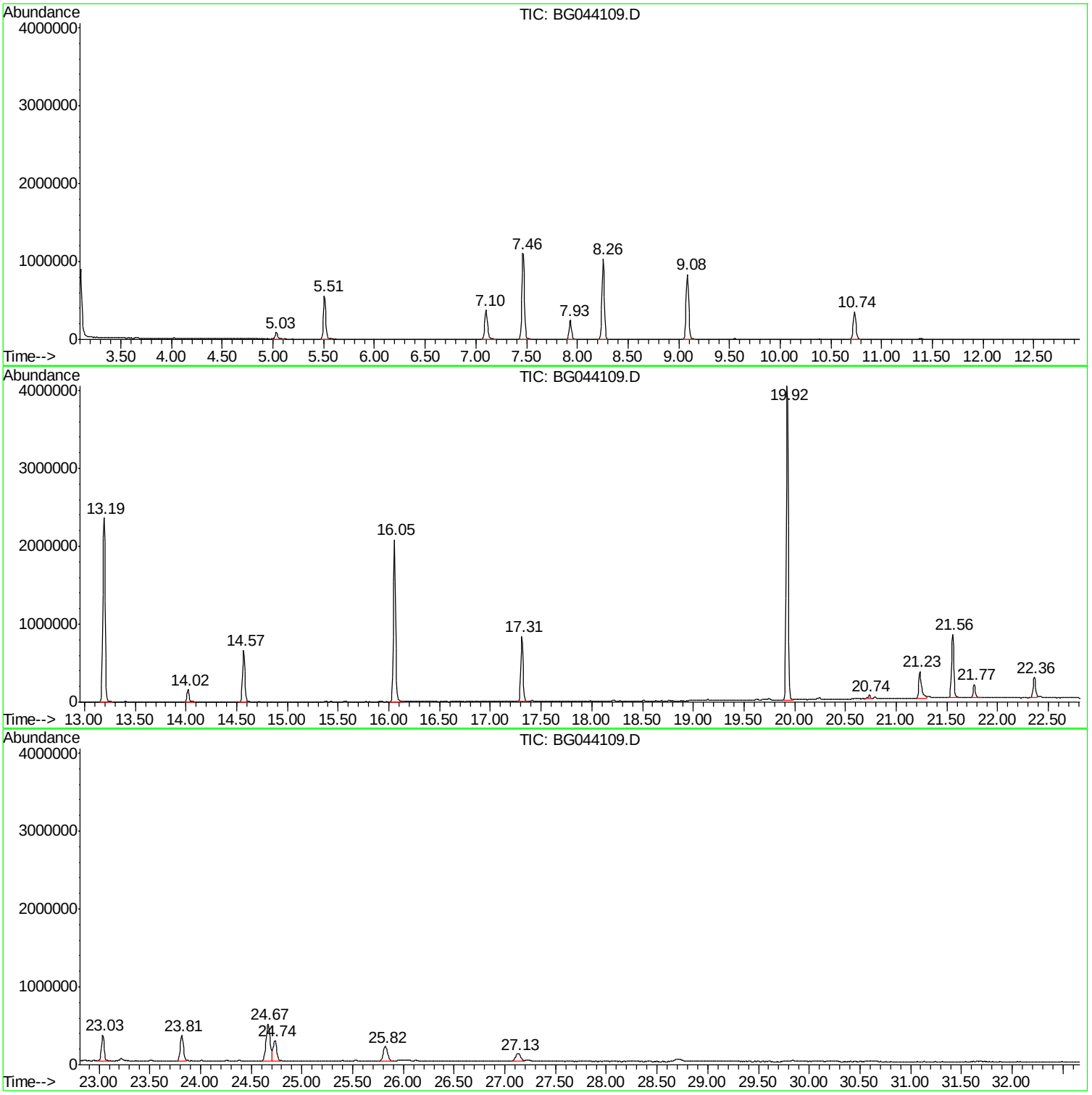
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBH-594-(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 : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

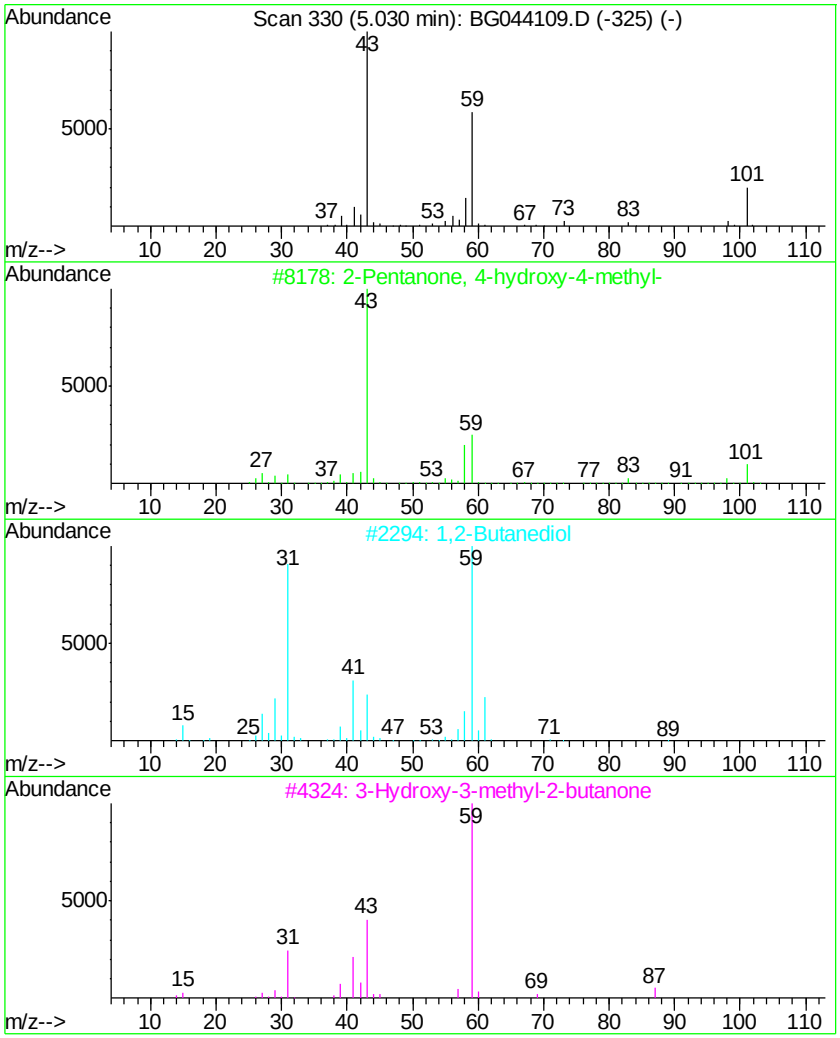
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

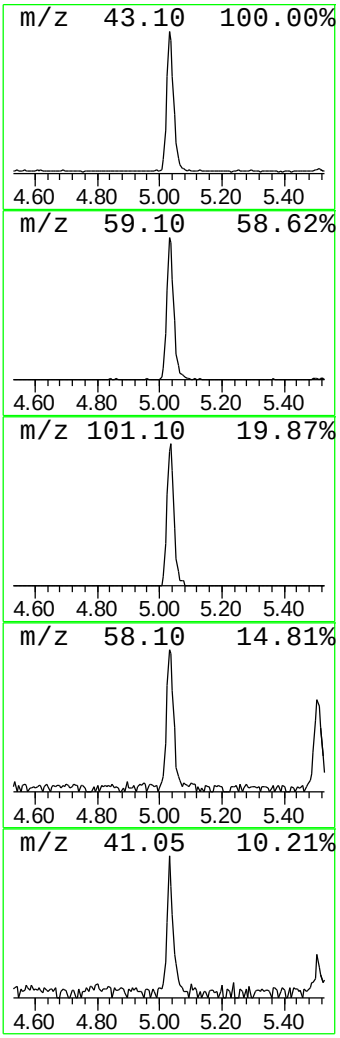
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.52 ng	138144	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	1,2-Butanediol	90	C4H10O2	000584-03-2	17
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

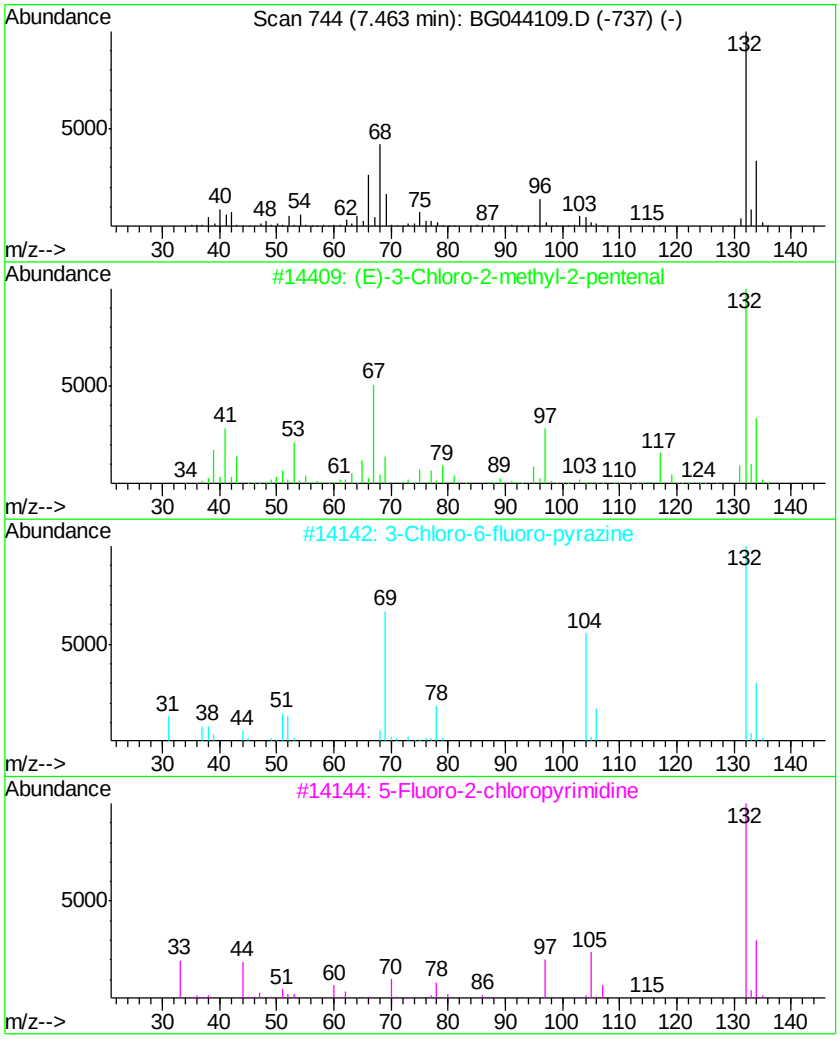
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

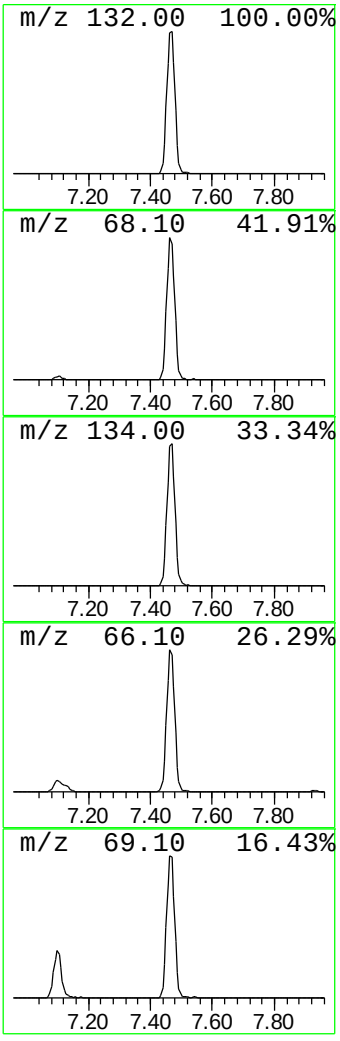
****

Peak Number 2 unknown7.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	93.89 ng	1988240	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	30
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

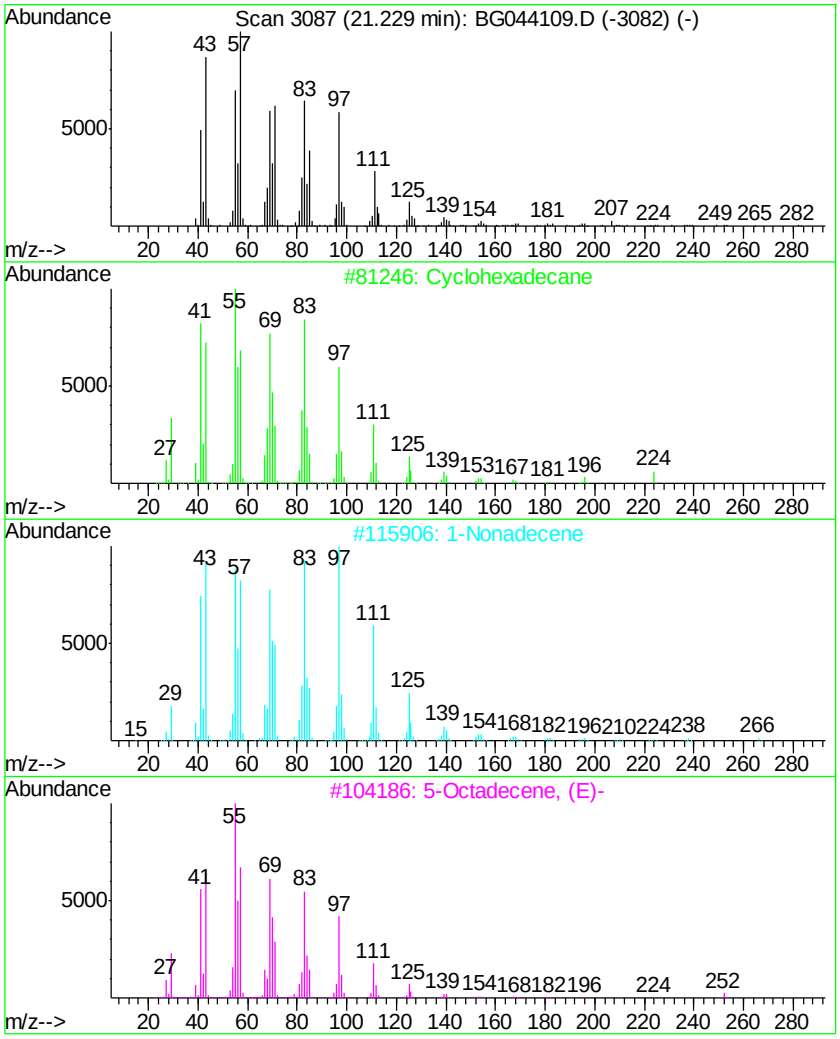
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

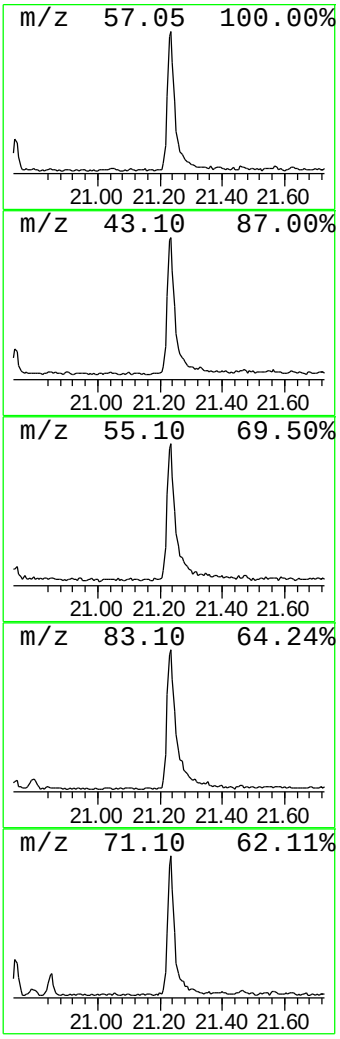
****

Peak Number 4 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	9.96 ng	660897	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

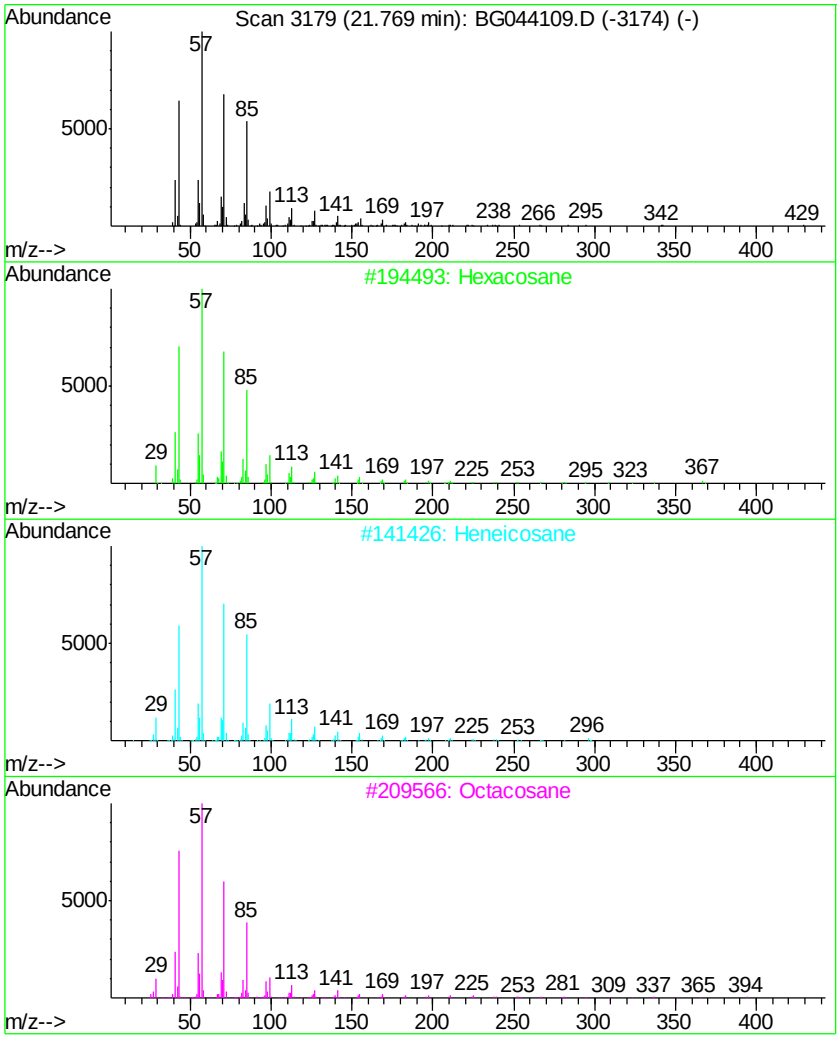
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

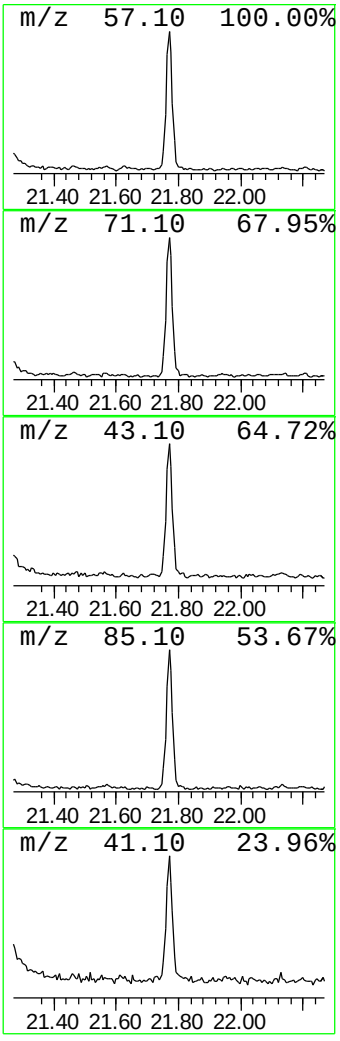
****

Peak Number 5 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.95 ng	261909	Chrysene-d12	21.56

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	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

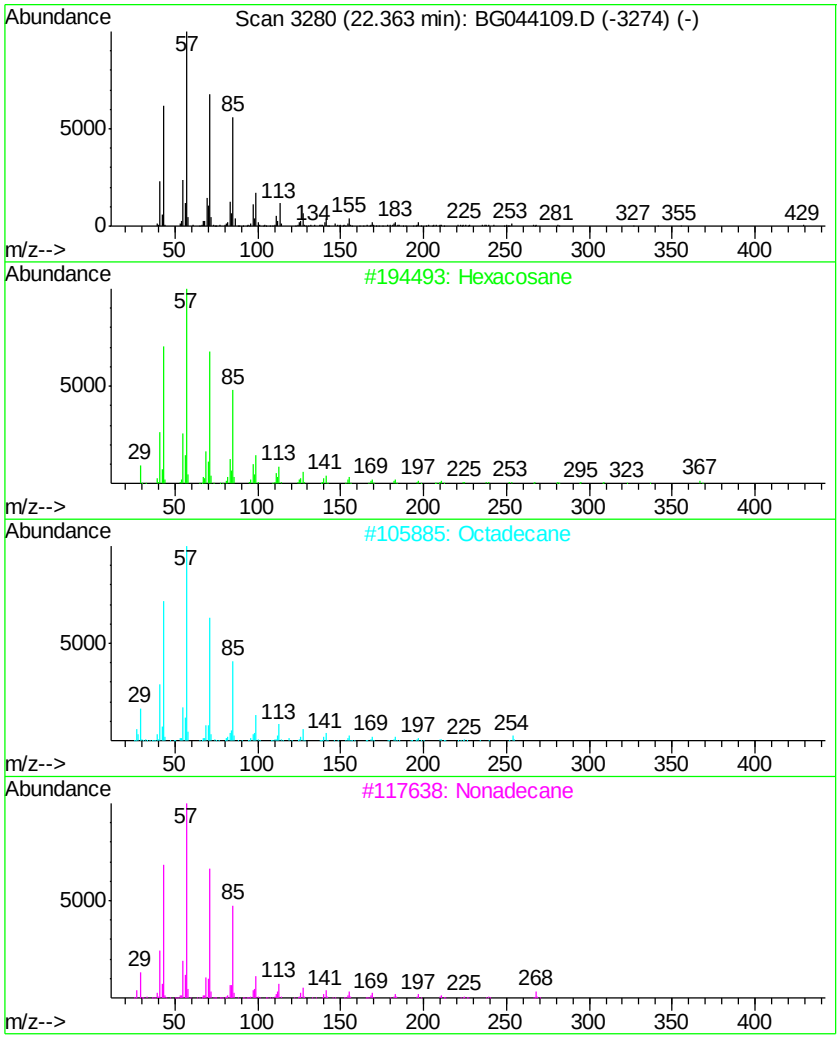
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

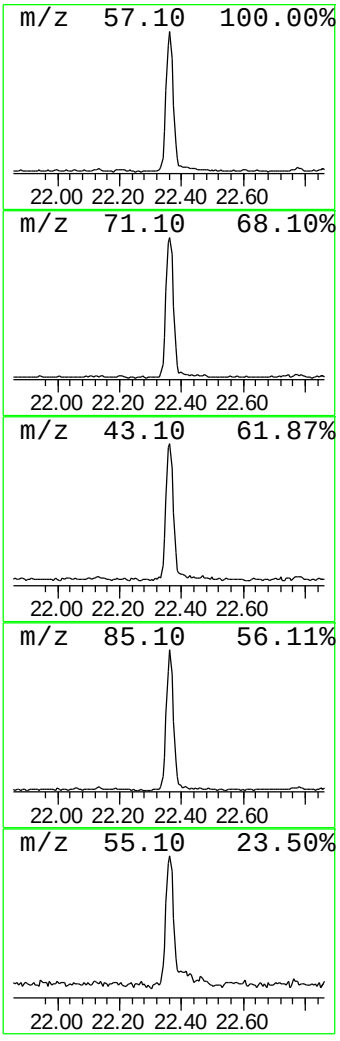
****

Peak Number 6 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	6.50 ng	431027	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentacosane	352	C25H52	000629-99-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

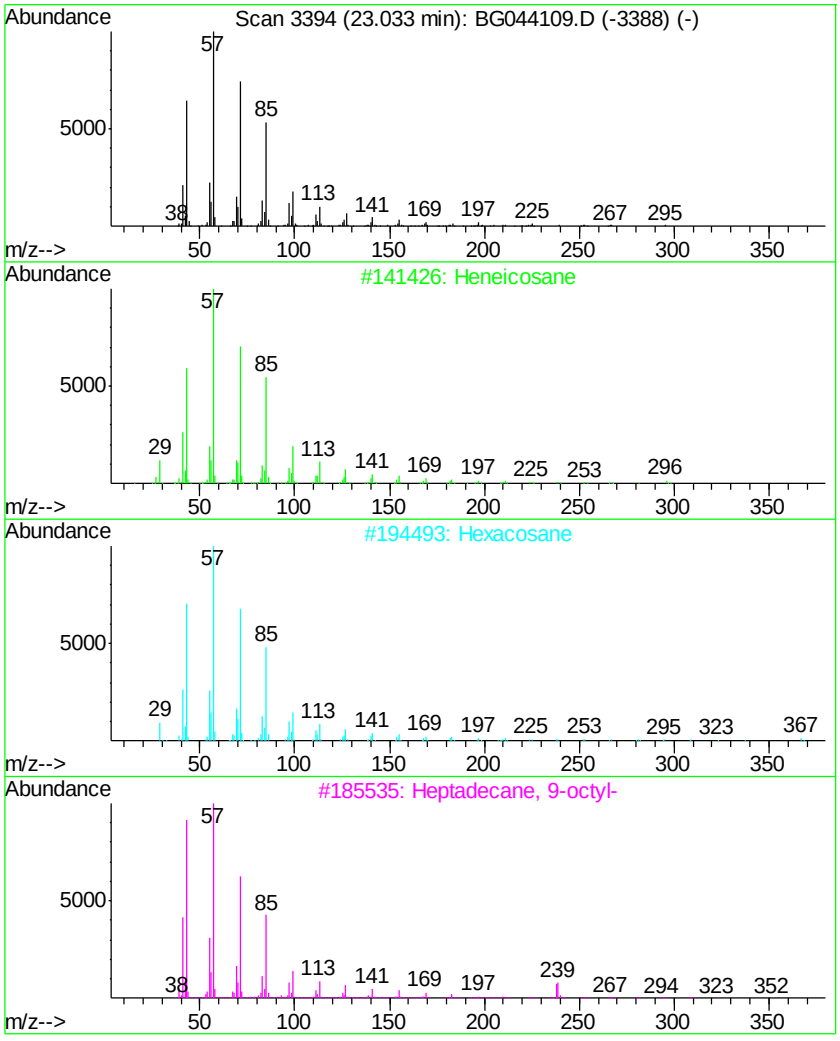
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

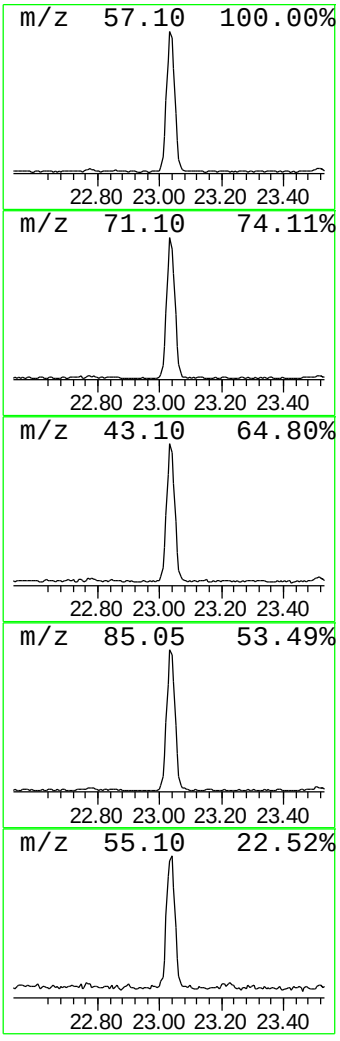
****

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	9.23 ng	612403	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

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

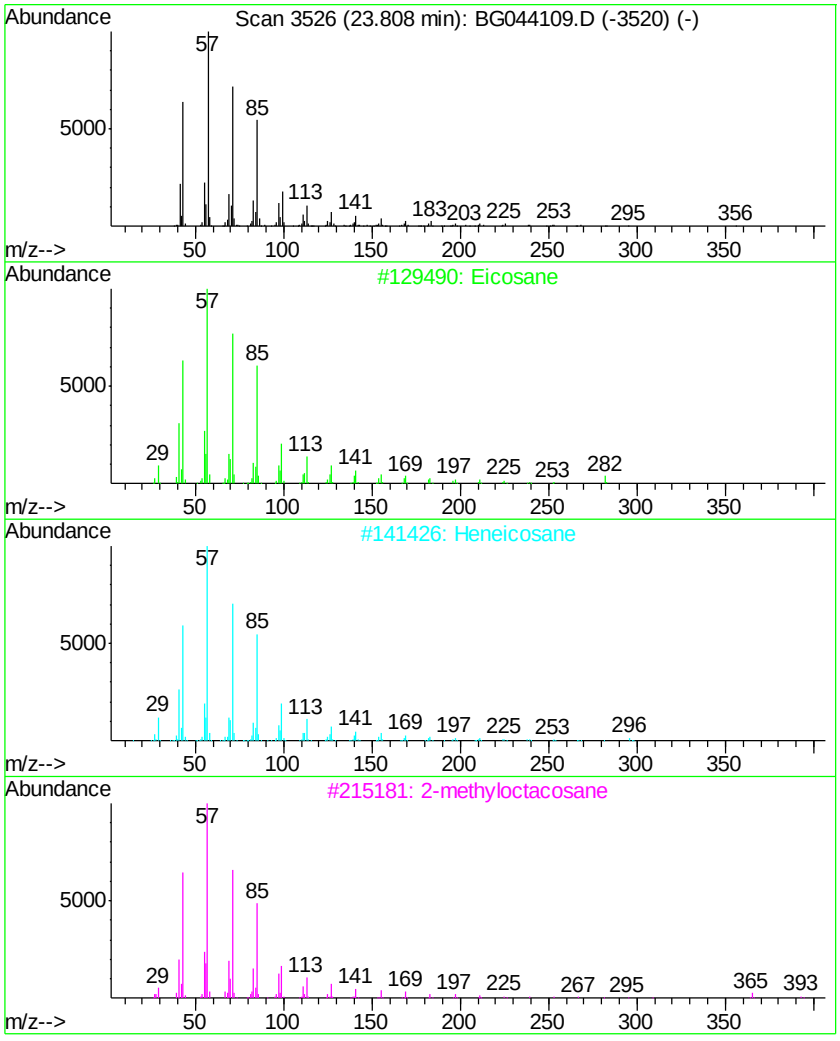
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

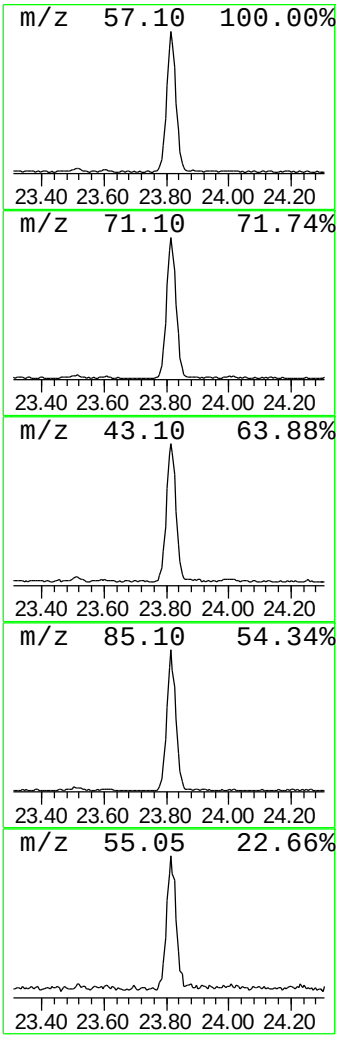
****

Peak Number 8 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	9.67 ng	669793	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
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Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-594-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
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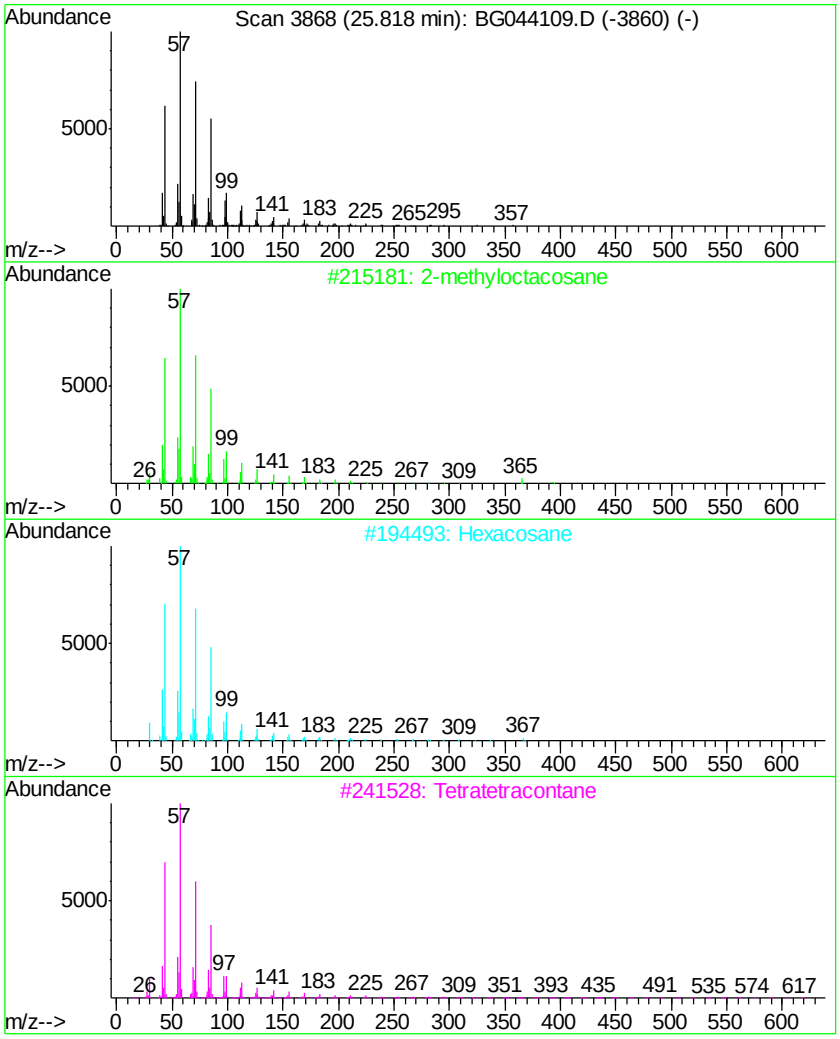
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

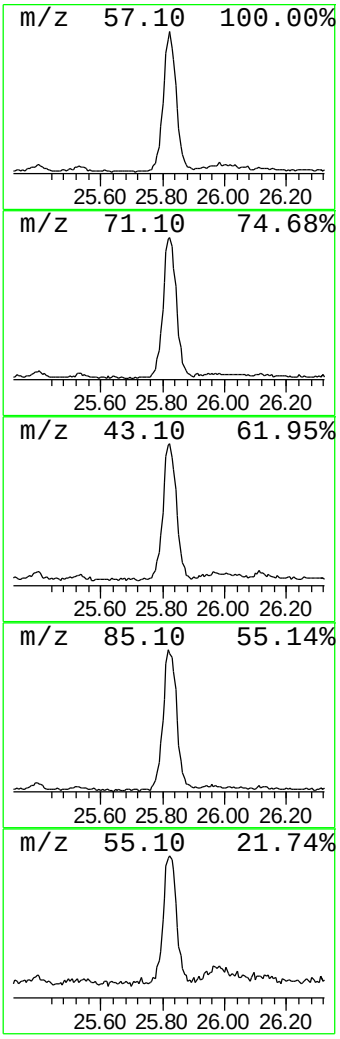
****

Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	7.88 ng	546195	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044109.D
Acq On : 20 Jan 2020 22:17
Operator : JU
Sample : L1184-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBH-594-(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	6.5	ng	138144	1	7.93	423505	20.0
unknown7.46	7.46	93.9	ng	1988240	1	7.93	423505	20.0
Cyclohexadecane	21.23	10.0	ng	660897	5	21.56	1326870	20.0
Hexacosane	21.77	4.0	ng	261909	5	21.56	1326870	20.0
Octadecane	22.36	6.5	ng	431027	5	21.56	1326870	20.0
Heneicosane	23.03	9.2	ng	612403	5	21.56	1326870	20.0
2-methyloctacosane	23.81	9.7	ng	669793	6	24.67	1385520	20.0
Heneicosane, 11-(...	25.82	7.9	ng	546195	6	24.67	1385520	20.0