LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044111.D
Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(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	5.033	326	331	342	rVB	88468	137286	2.39%	0.461%
2	5.509	405	412	423	rBV	538030	877187	15.30%	2.943%
3	7.101	675	683	697	rBV	356585	693498	12.09%	2.327%
4	7.465	737	745	756	rBV	1154759	1995269	34.79%	6.695%
5	7.930	815	824	832	rBV	252651	429607	7.49%	1.441%
6	8.253	871	879	889	rBV	1068213	1854788	32.34%	6.223%
7	9.087	1013	1021	1034	rBV	862792	1578992	27.53%	5.298%
8	10.380	1236	1241	1251	rBV	65121	108639	1.89%	0.365%
9	10.732	1294	1301	1314	rBV	361583	669905	11.68%	2.248%
10	13.194	1712	1720	1735	rBV	2432804	3998482	69.72%	13.416%
11	13.470	1762	1767	1774	rBV	65438	102520	1.79%	0.344%
12	14.022	1855	1861	1871	rBV	67049	119660	2.09%	0.401%
13	14.569	1943	1954	1970	rBV	674622	1079278	18.82%	3.621%
14	16.055	2200	2207	2222	rBV	2172040	3434642	59.89%	11.524%
15	17.313	2413	2421	2430	rBV	807660	1284235	22.39%	4.309%
16	17.983	2531	2535	2545	rVB2	55540	86643	1.51%	0.291%
17	19.075	2716	2721	2728	rBV3	30999	60608	1.06%	0.203%
18	19.716	2827	2830	2833	rBV	62663	65902	1.15%	0.221%
19	19.927	2860	2866	2881	rBV	4328866	5734800	100.00%	19.242%
20	20.245	2916	2920	2925	rVB	104443	118337	2.06%	0.397%
21	20.738	3000	3004	3008	rVB	107119	117257	2.04%	0.393%
22	21.232	3083	3088	3107	rBV	247747	434331	7.57%	1.457%
23	21.561	3137	3144	3152	rBV	778785	1316865	22.96%	4.418%
24	21.766	3175	3179	3186	rBV	156752	227036	3.96%	0.762%
25	22.360	3275	3280	3286	rBV	187863	307122	5.36%	1.030%
26	23.035	3389	3395	3404	rVB2	233291	431735	7.53%	1.449%
27	23.817	3521	3528	3540	rVB	194163	404438	7.05%	1.357%
28	24.669	3662	3673	3680	rBV2	497834	1385160	24.15%	4.648%
29	24.728	3680	3683	3692	rVB3	150094	341958	5.96%	1.147%
30	25.826	3862	3870	3878	rBV2	101655	281875	4.92%	0.946%
31	27.131	4088	4092	4102	rVB5	46978	125917	2.20%	0.422%

Sum of corrected areas: 29803972

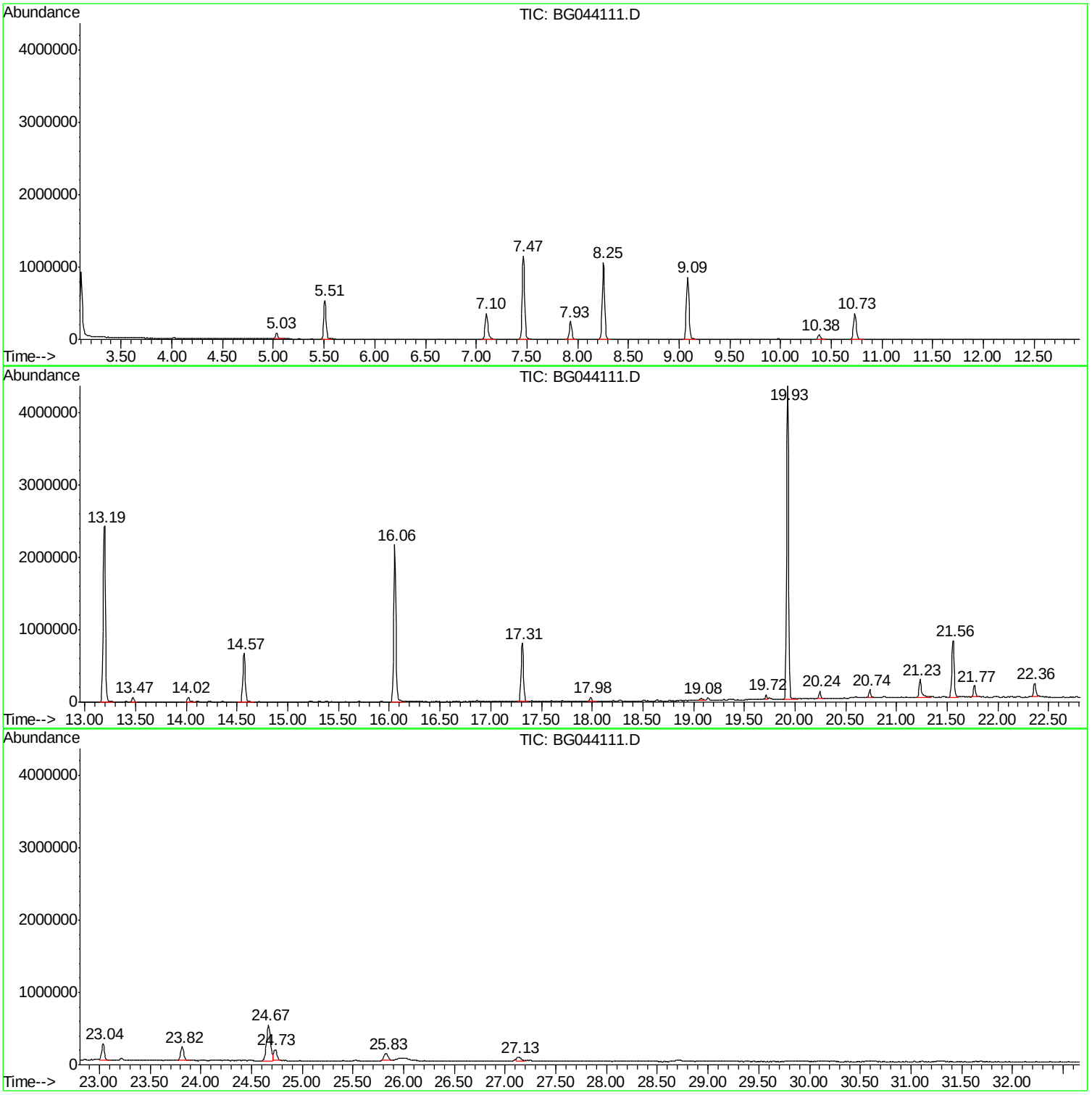
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044111.D
Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CBH-591-(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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

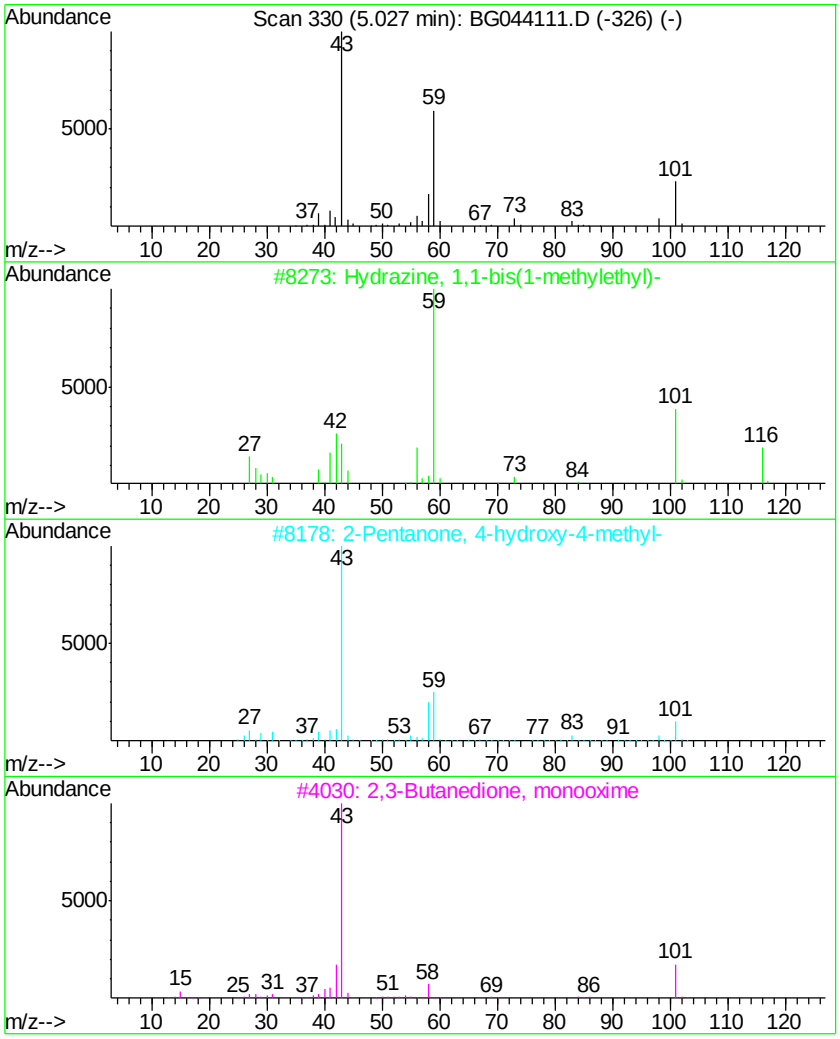
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

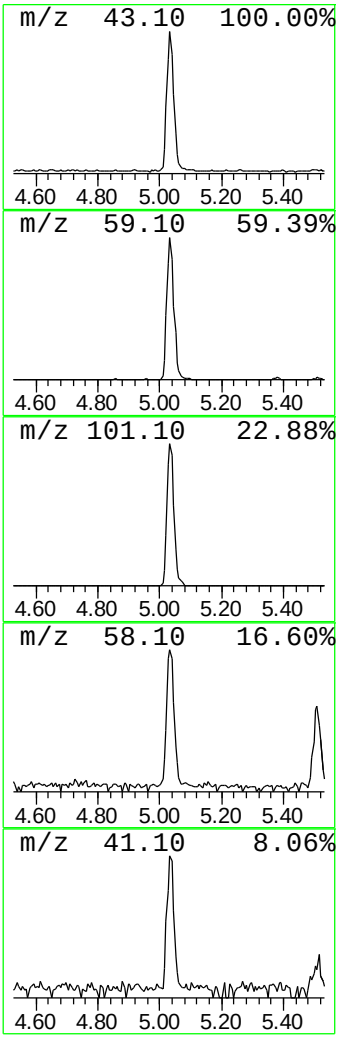
****

Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.39 ng	137286	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





Library Search Compound Report

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Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
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Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

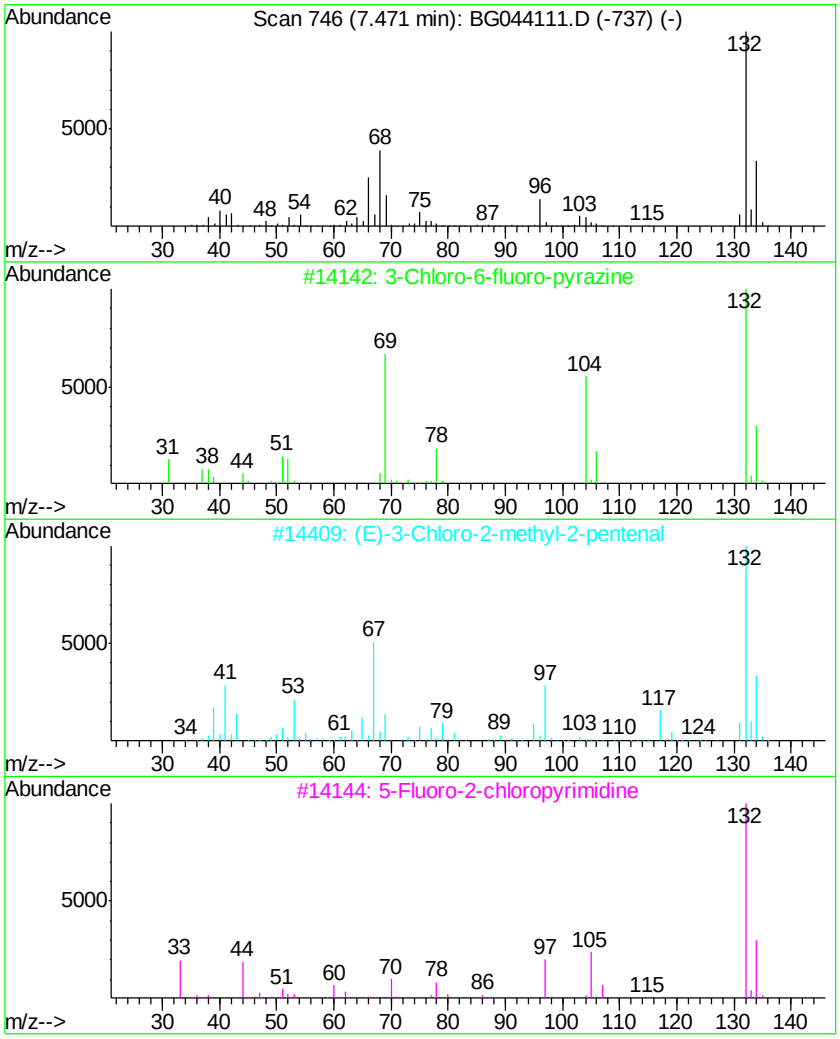
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

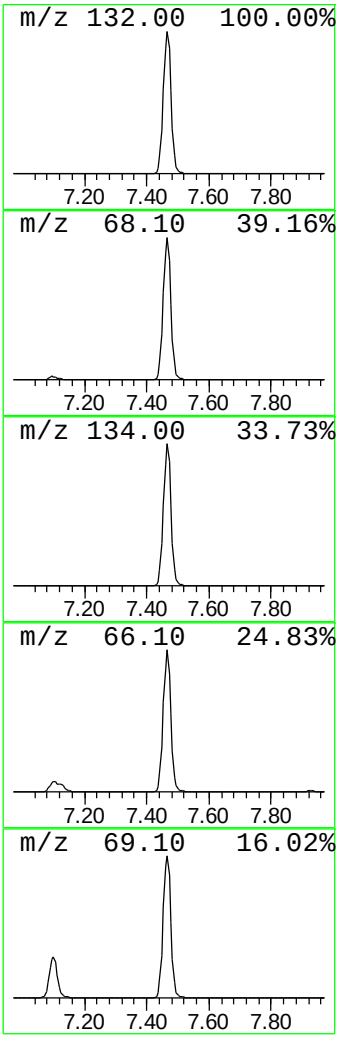
****

Peak Number 2 unknown7.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	92.89 ng	1995270	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	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BG044111.D
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Operator : JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(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
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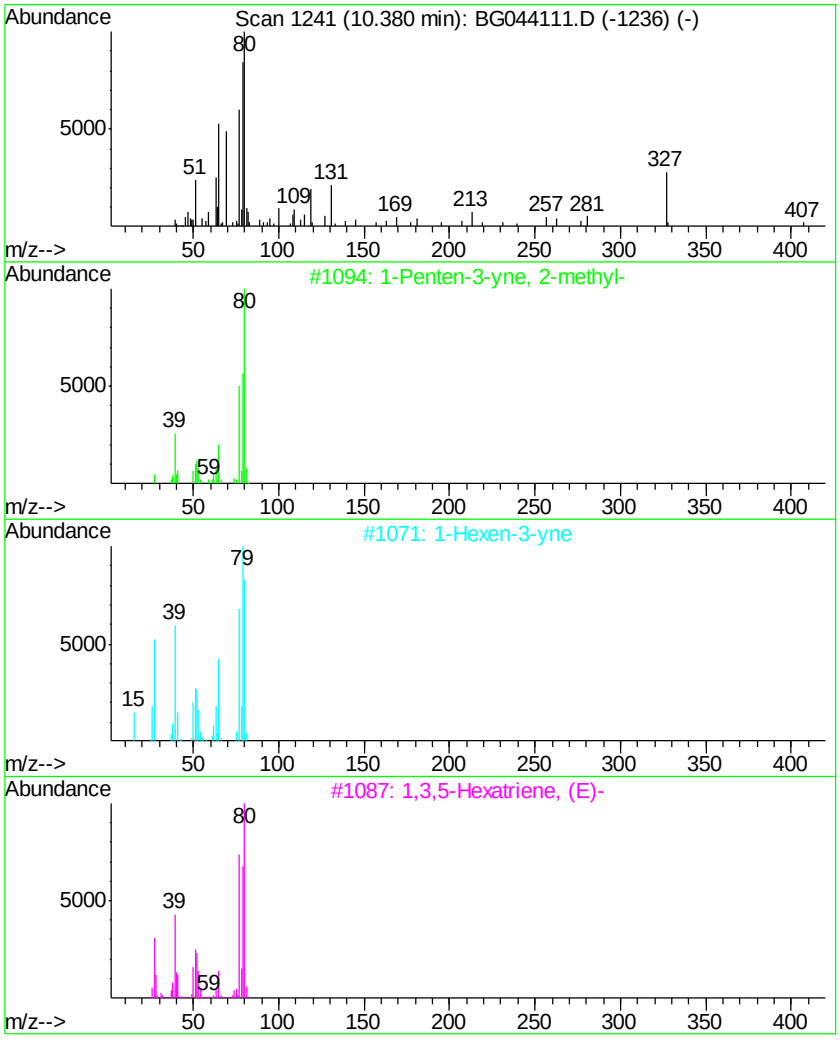
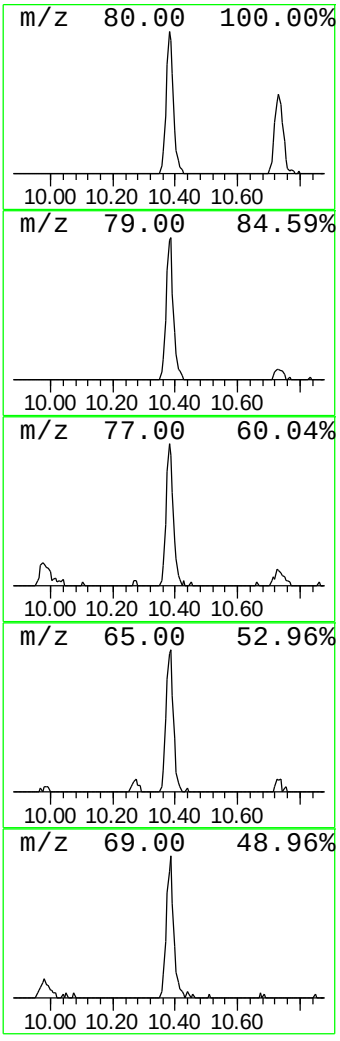
****

Peak Number 4 1-Penten-3-yne, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.24 ng	108639	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	64
2	1-Hexen-3-yne	80	C6H8	013721-54-5	64
3	1,3,5-Hexatriene, (E)-	80	C6H8	000821-07-8	47
4	3-Penten-1-yne, 3-methyl-	80	C6H8	001574-33-0	47
5	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044111.D
Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

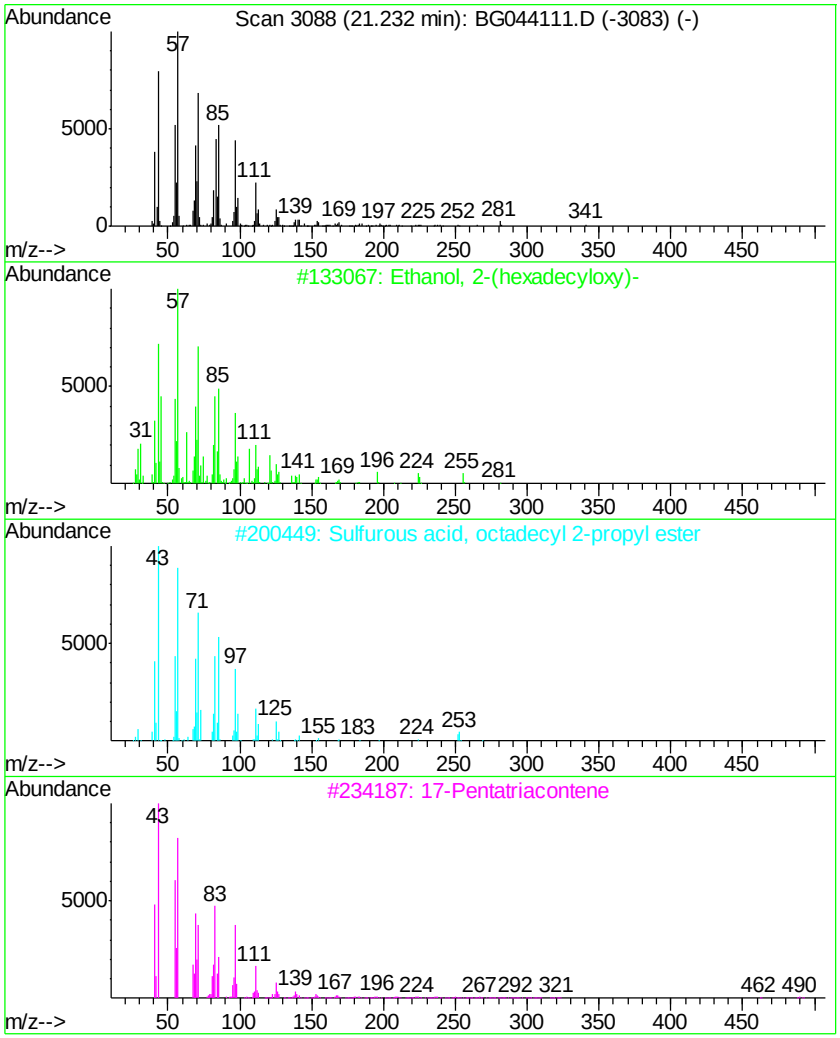
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

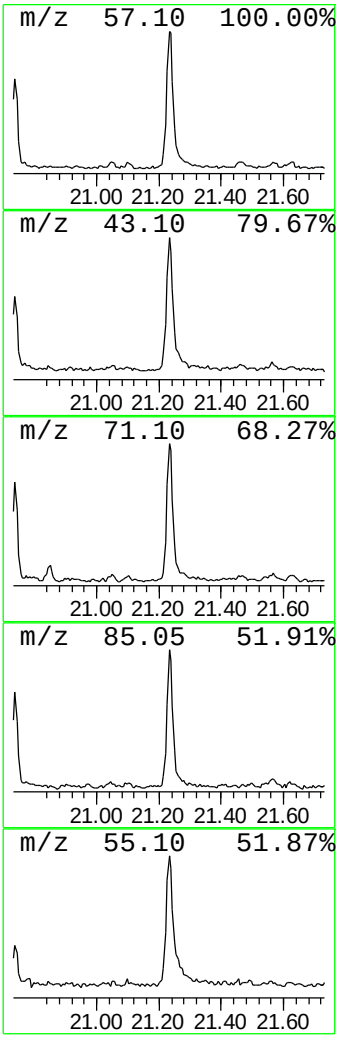
****

Peak Number 5 Ethanol, 2-(hexadecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.60 ng	434331	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	74
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	74
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





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Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

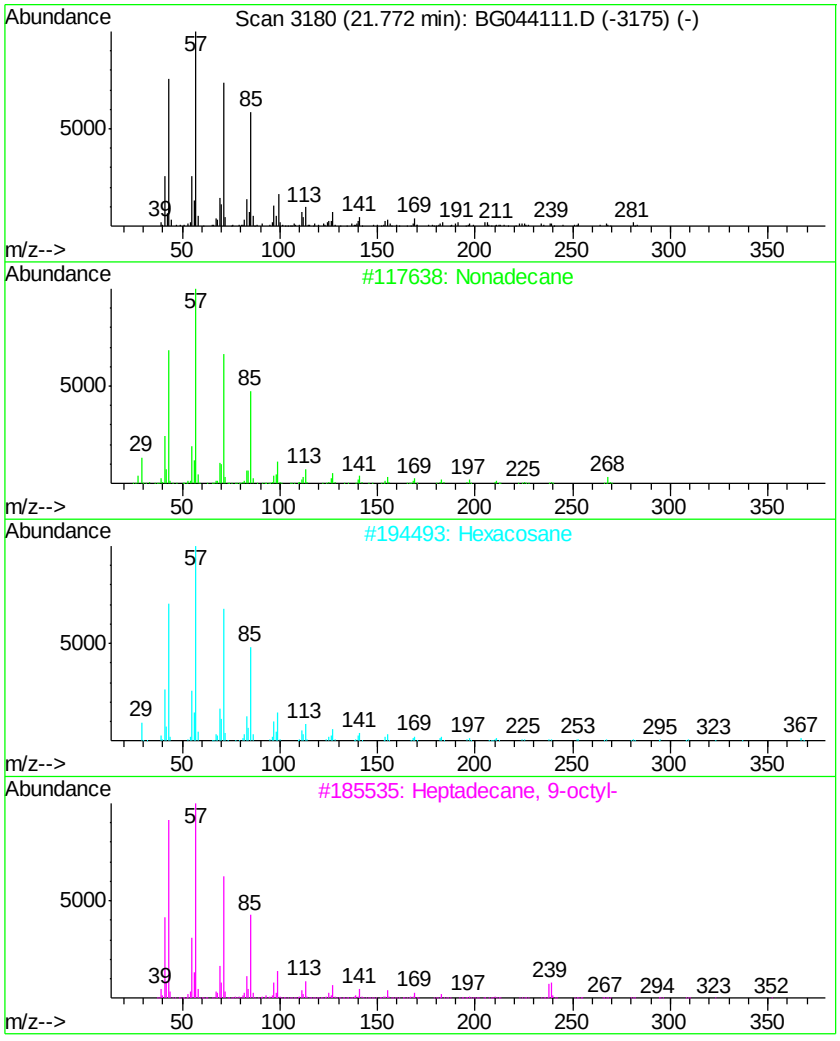
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

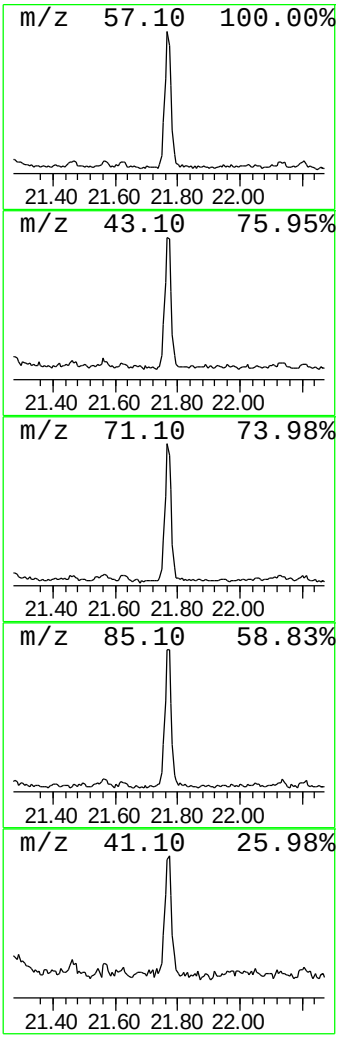
****

Peak Number 6 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.45 ng	227036	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
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	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044111.D
Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

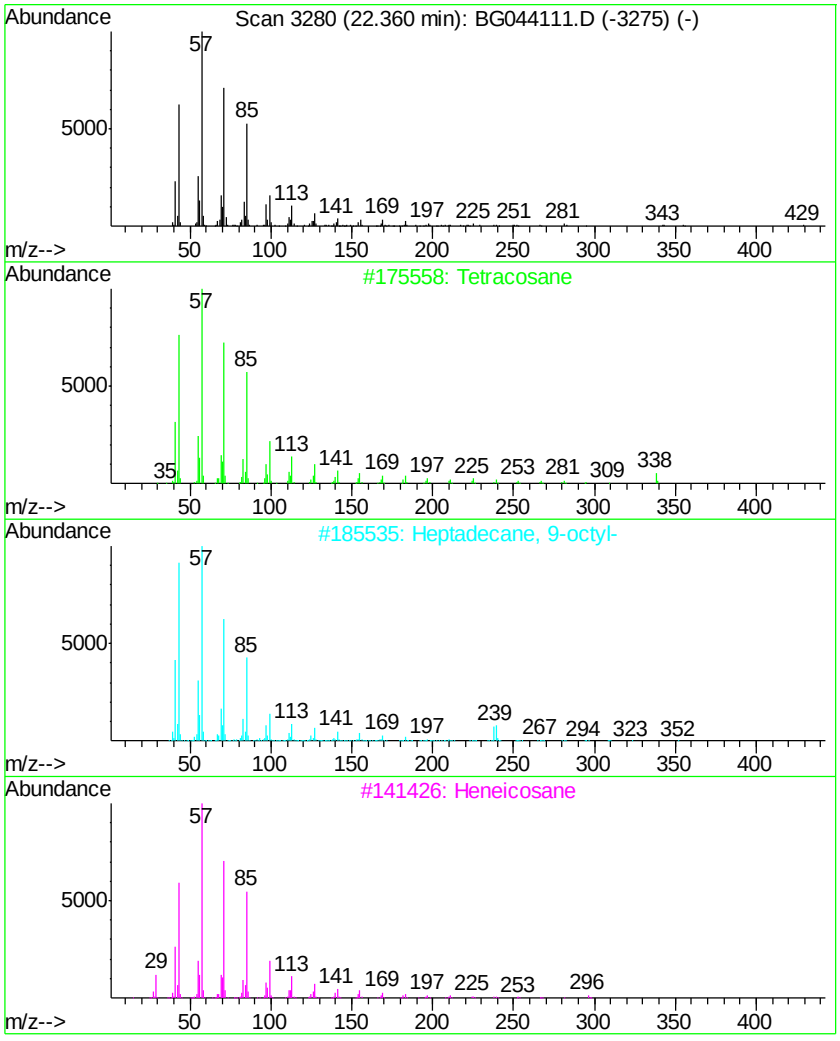
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

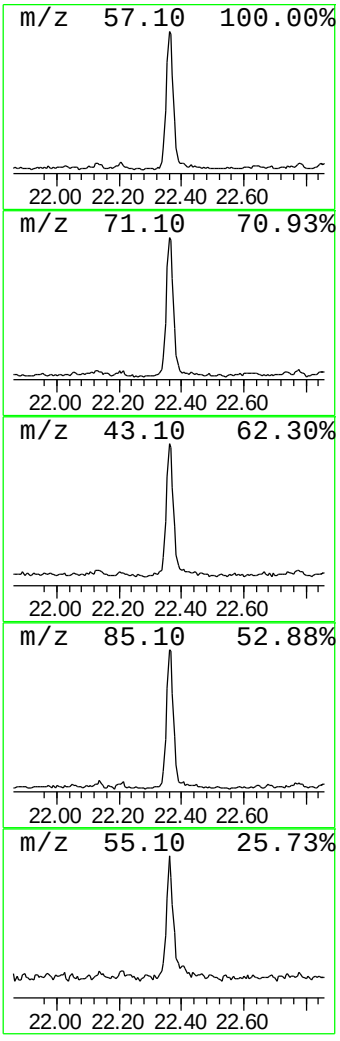
****

Peak Number 7 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	4.66 ng	307122	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90





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Data File : BG044111.D
Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

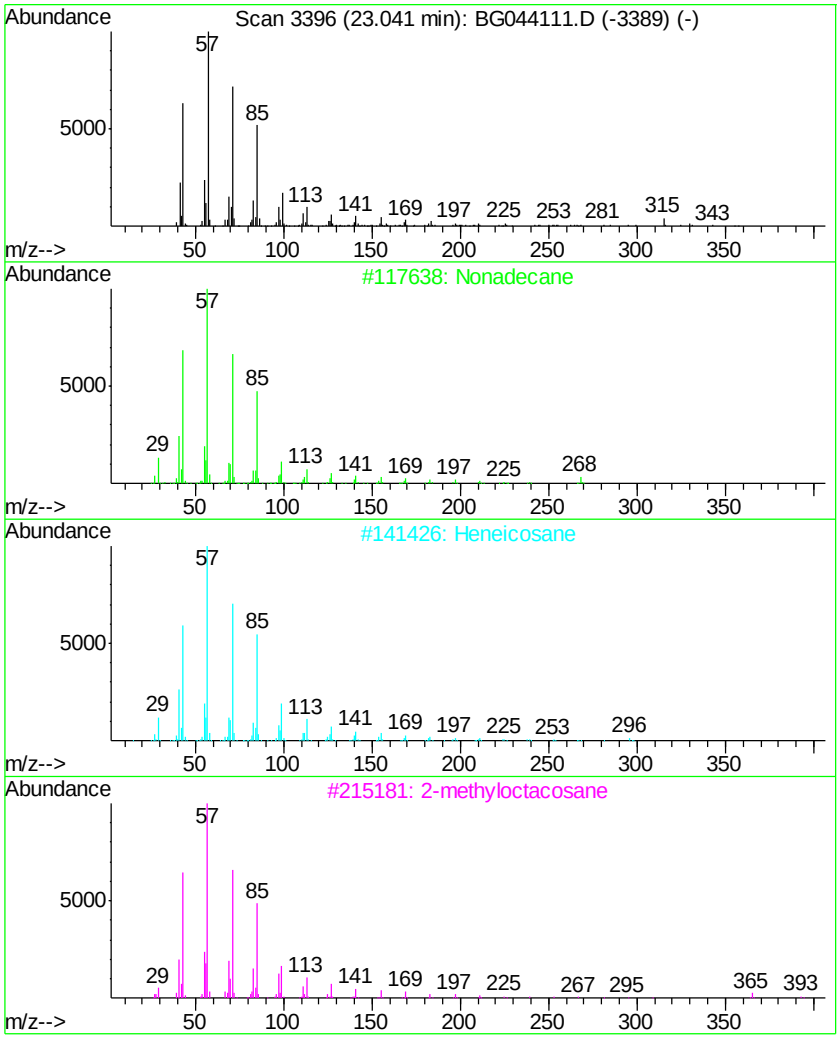
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

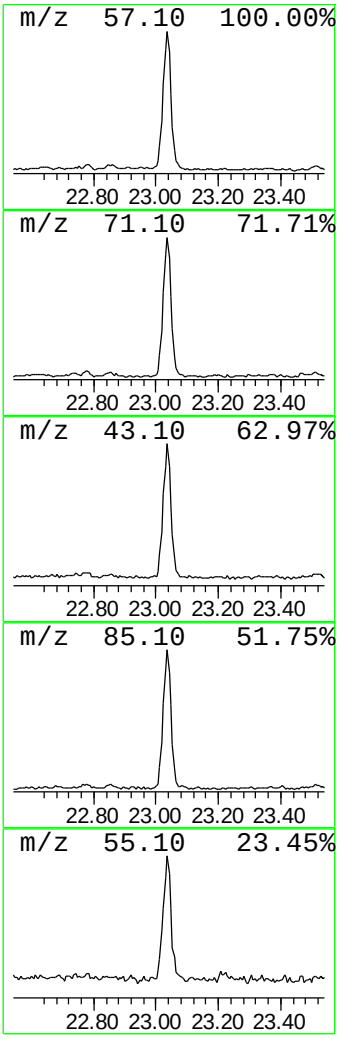
****

Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	6.56 ng	431735	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





Library Search Compound Report

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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

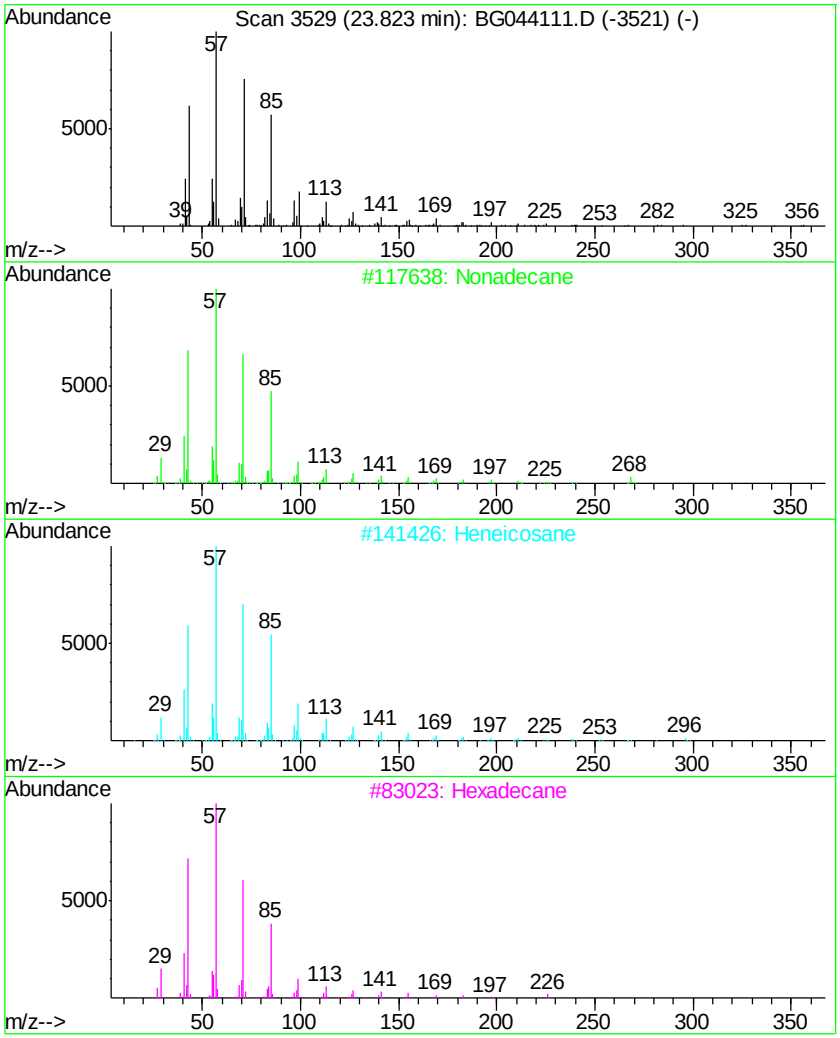
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

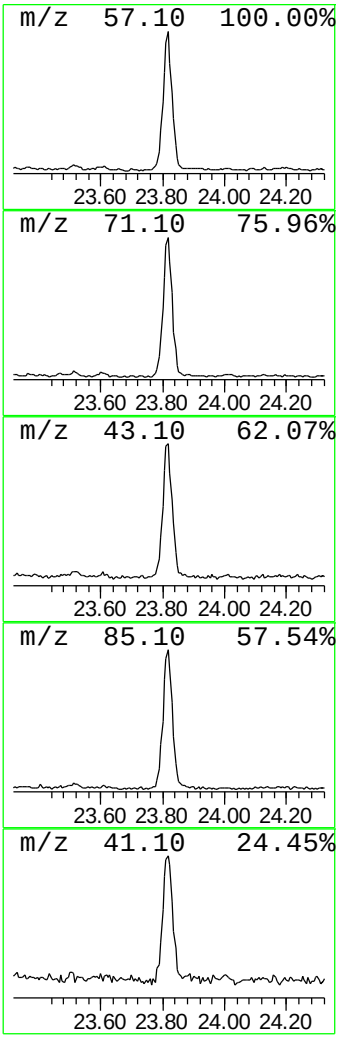
****

Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	5.84 ng	404438	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Docosane	310	C22H46	000629-97-0	91





Library Search Compound Report

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Data File : BG044111.D
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Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

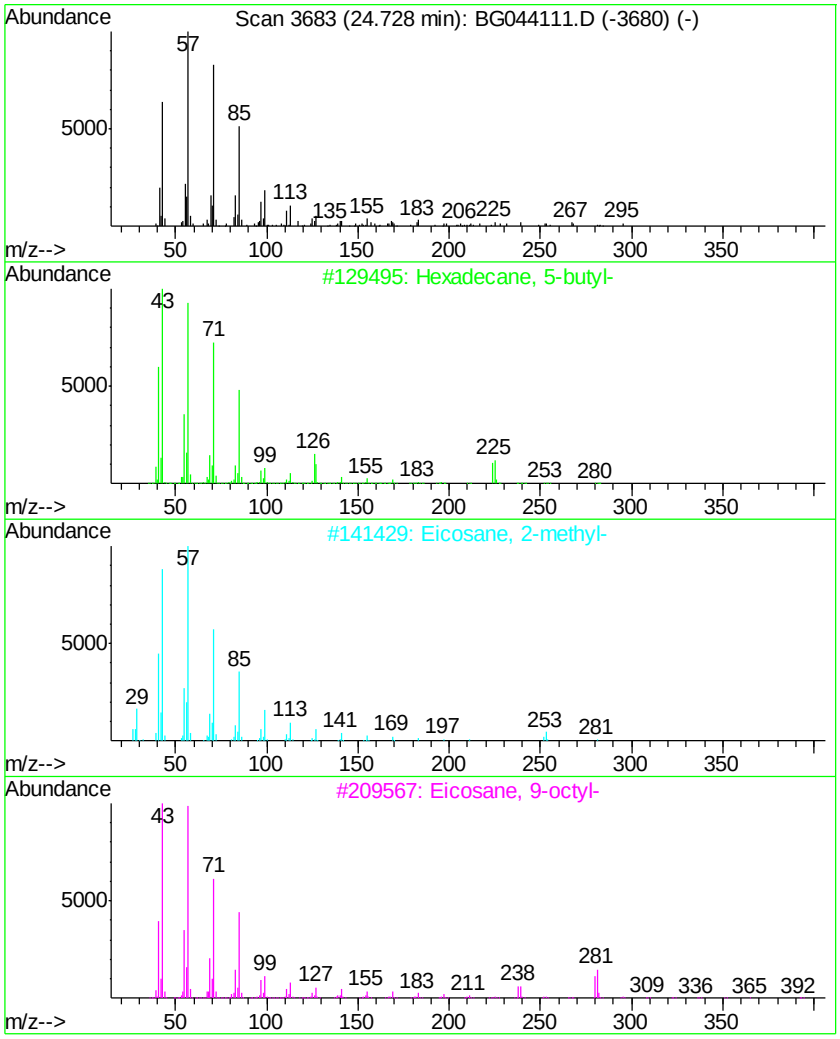
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

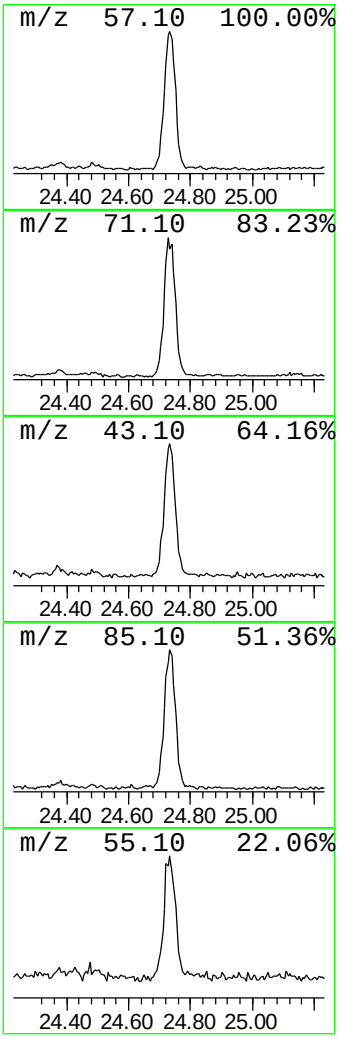
****

Peak Number 10 Hexadecane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	4.94 ng	341958	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Library Search Compound Report

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Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(SETTLED)

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

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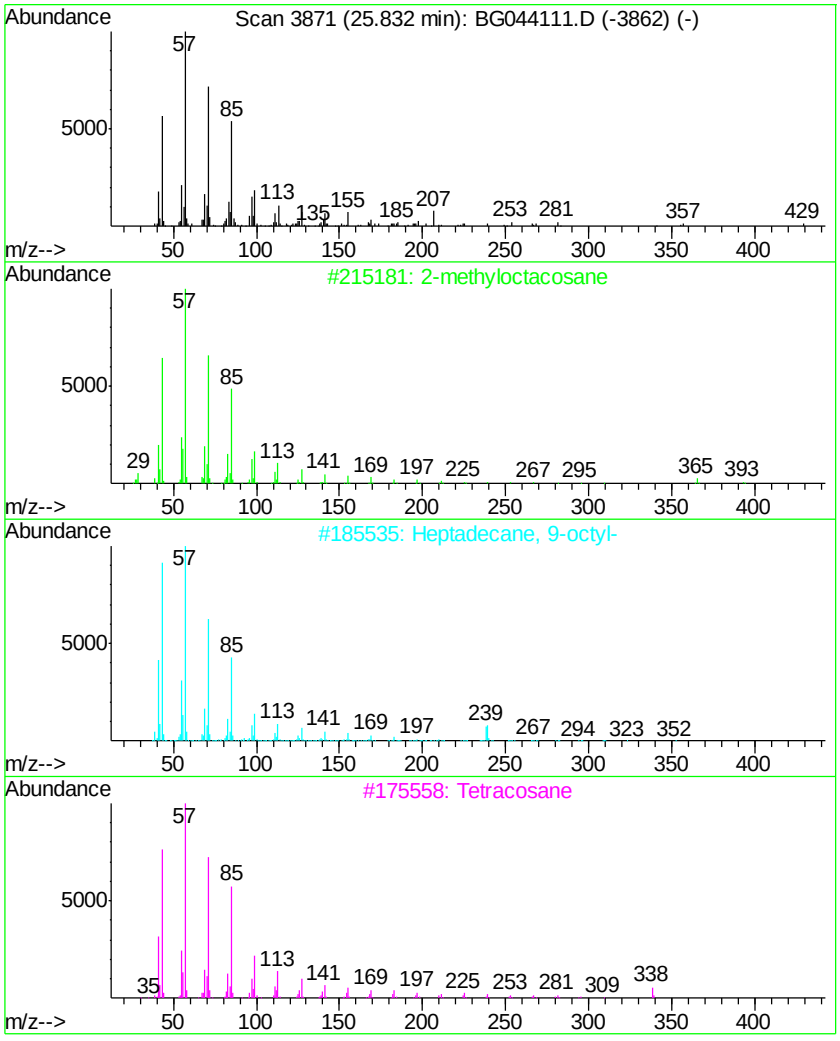
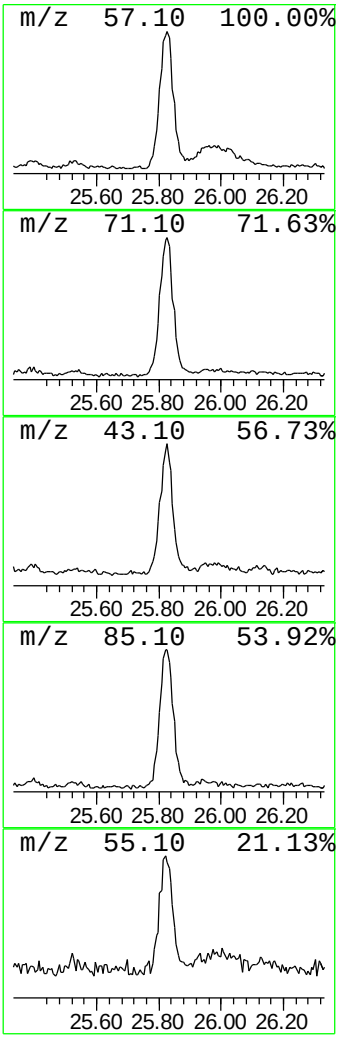
Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	4.07 ng	281875	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044111.D
Acq On : 20 Jan 2020 23:35
Operator : JU
Sample : L1184-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-591-(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
Hydrazine, 1,1-bi...	5.03	6.4	ng	137286	1	7.93	429607	20.0
unknown7.47	7.47	92.9	ng	1995270	1	7.93	429607	20.0
1-Penten-3-yne, 2...	10.38	3.2	ng	108639	2	10.73	669905	20.0
Ethanol, 2-(hexad...	21.23	6.6	ng	434331	5	21.55	1316870	20.0
Nonadecane	21.77	3.5	ng	227036	5	21.55	1316870	20.0
Tetracosane	22.36	4.7	ng	307122	5	21.55	1316870	20.0
Heneicosane	23.04	6.6	ng	431735	5	21.55	1316870	20.0
Hexadecane	23.82	5.8	ng	404438	6	24.67	1385160	20.0
Hexadecane, 5-butyl-	24.73	4.9	ng	341958	6	24.67	1385160	20.0
2-methyloctacosane	25.83	4.1	ng	281875	6	24.67	1385160	20.0