LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(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	5.038	326	332	343	rBV	95092	153926	2.76%	0.552%
2	5.508	405	412	426	rBV	645987	1118731	20.06%	4.011%
3	7.100	676	683	696	rBV	434796	798389	14.31%	2.862%
4	7.464	736	745	760	rBV	1252361	2264719	40.60%	8.119%
5	7.935	817	825	833	rBV	245157	441485	7.92%	1.583%
6	8.258	870	880	888	rBV	1032141	1852438	33.21%	6.641%
7	9.086	1013	1021	1041	rBV	812219	1533346	27.49%	5.497%
8	10.731	1292	1301	1315	rBV	335218	640057	11.48%	2.295%
9	13.193	1711	1720	1736	rBV	2407964	3860817	69.22%	13.842%
10	14.022	1854	1861	1867	rBV	80889	134316	2.41%	0.482%
11	14.568	1947	1954	1969	rVB2	615383	1002015	17.96%	3.592%
12	16.054	2200	2207	2215	rBV	2129830	3302317	59.21%	11.839%
13	17.312	2414	2421	2434	rBV	780028	1197521	21.47%	4.293%
14	19.926	2860	2866	2880	rBV	4133291	5577597	100.00%	19.996%
15	21.231	3083	3088	3097	rBV2	151179	287676	5.16%	1.031%
16	21.560	3137	3144	3151	rBV	719045	1212101	21.73%	4.346%
17	21.771	3176	3180	3186	rVB	84875	124087	2.22%	0.445%
18	22.365	3276	3281	3287	rBV	122597	202059	3.62%	0.724%
19	23.034	3390	3395	3406	rVB	123577	231675	4.15%	0.831%
20	23.217	3421	3426	3435	rVB	131994	259869	4.66%	0.932%
21	23.816	3522	3528	3537	rBV2	108016	221664	3.97%	0.795%
22	24.668	3663	3673	3680	rBV2	454478	1296290	23.24%	4.647%
23	25.825	3864	3870	3883	rVB3	60760	179887	3.23%	0.645%

Sum of corrected areas: 27892982

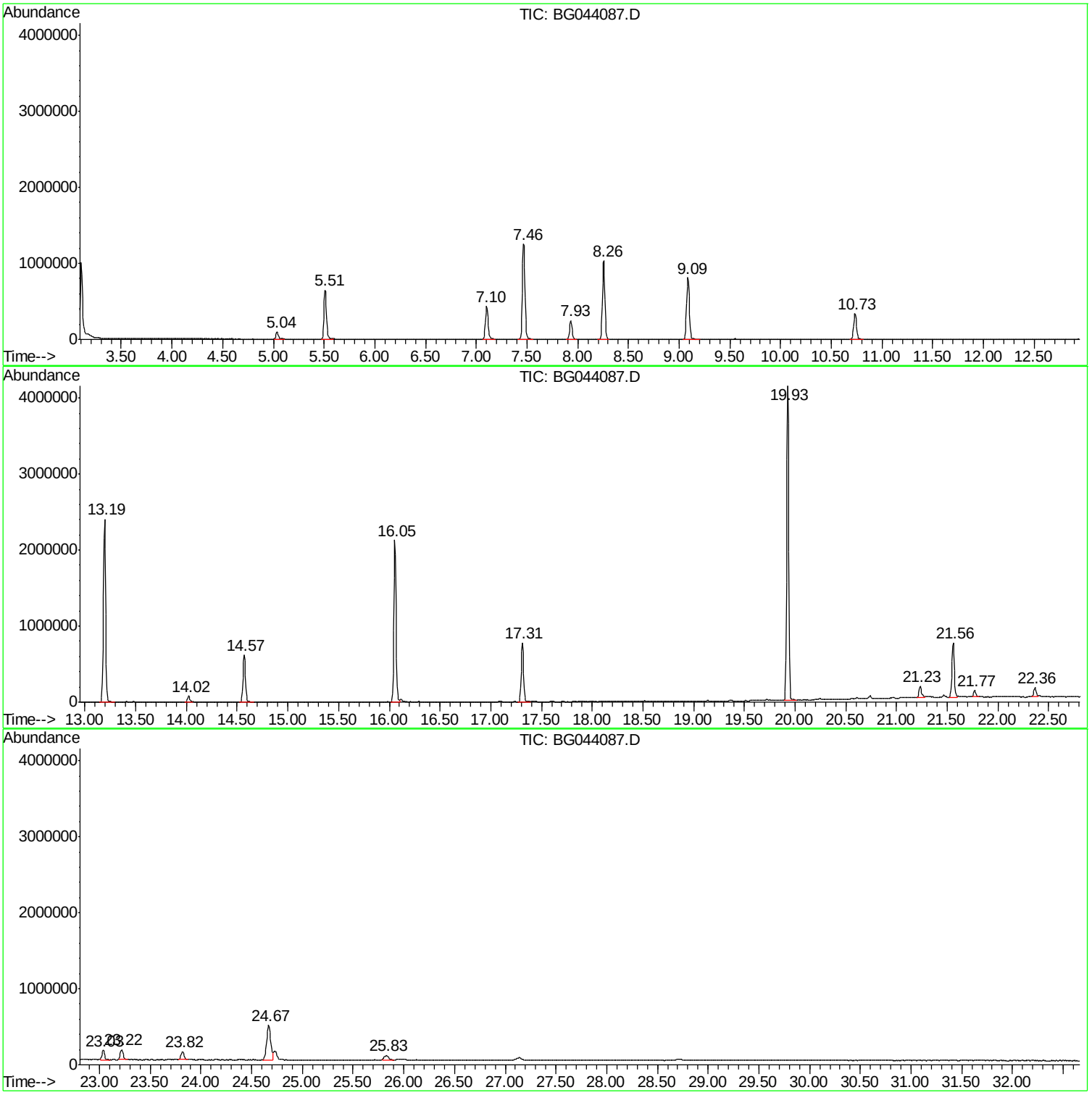
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-109-(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\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

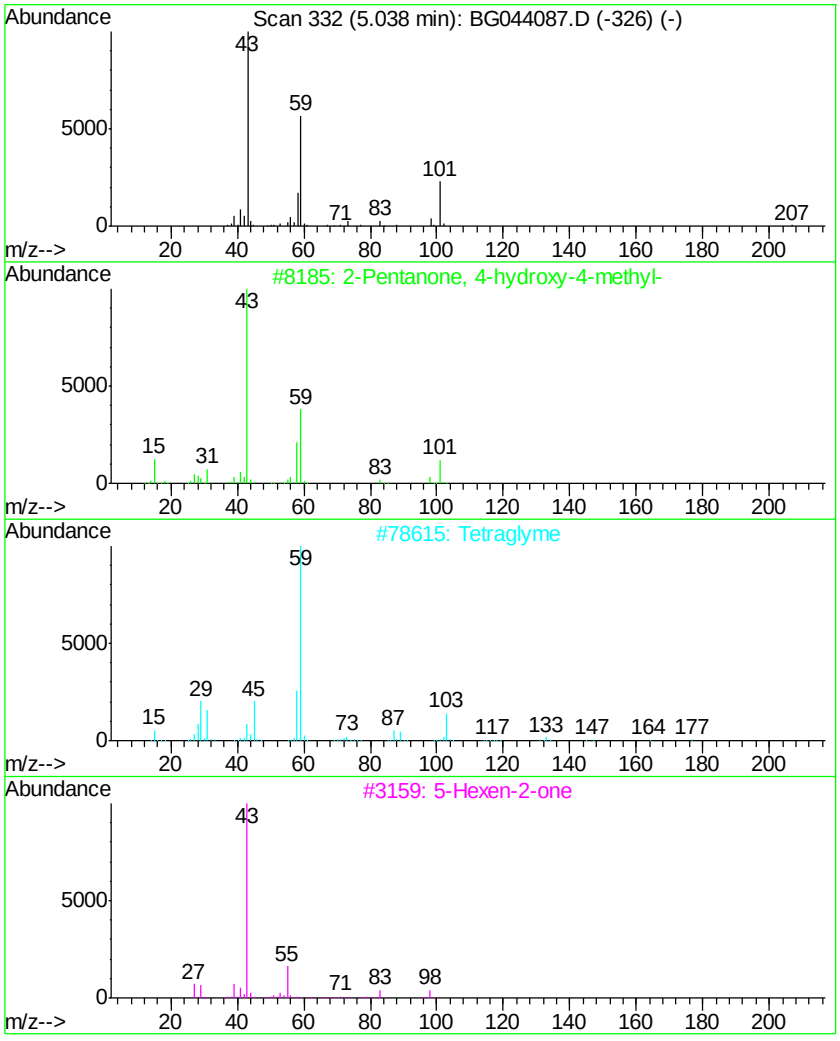
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

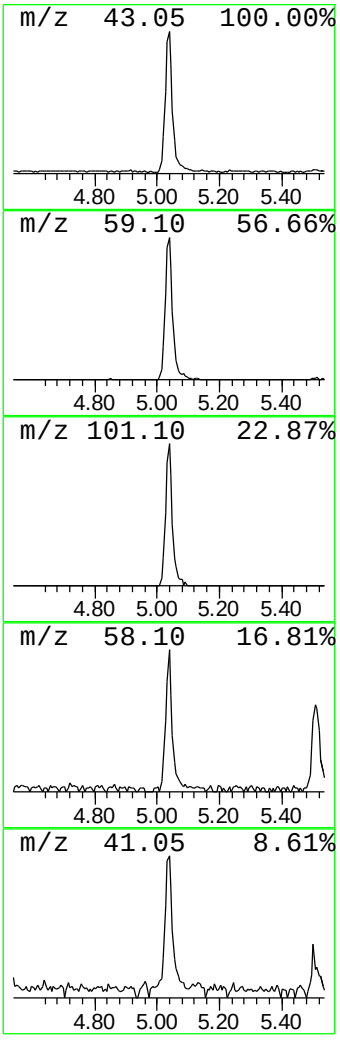
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	6.97 ng	153926	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	50
2	Tetraglyme	222	C10H22O5	000143-24-8	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

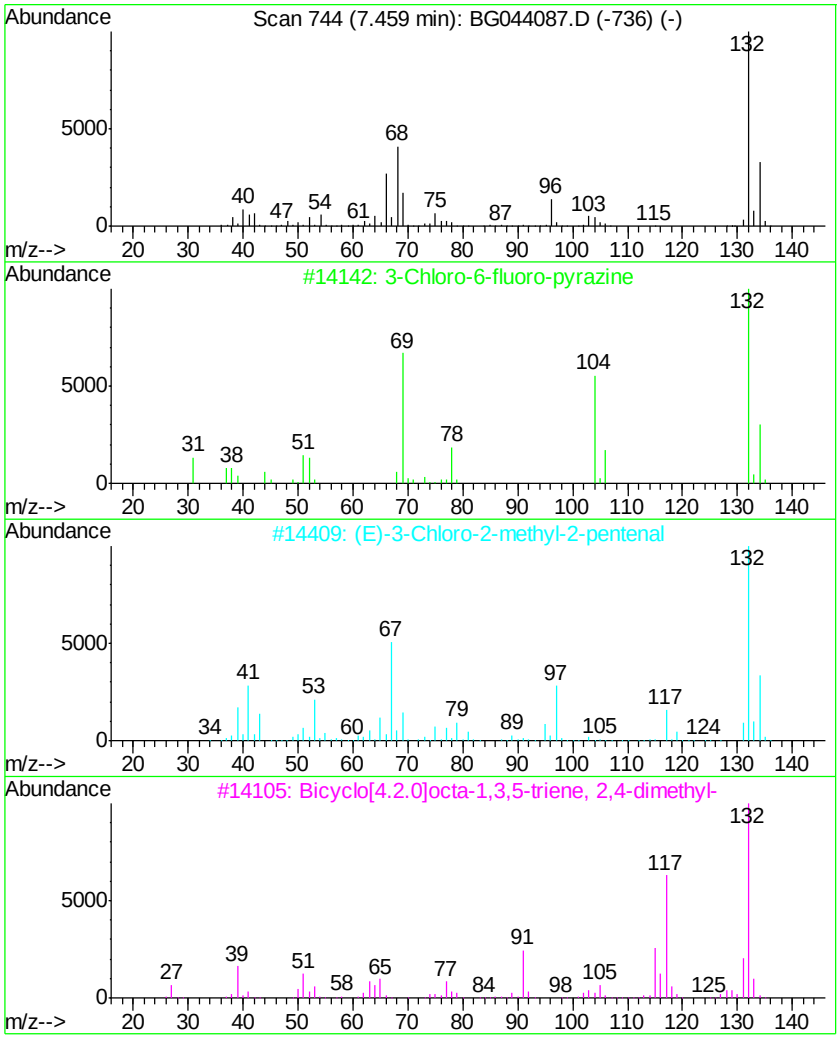
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

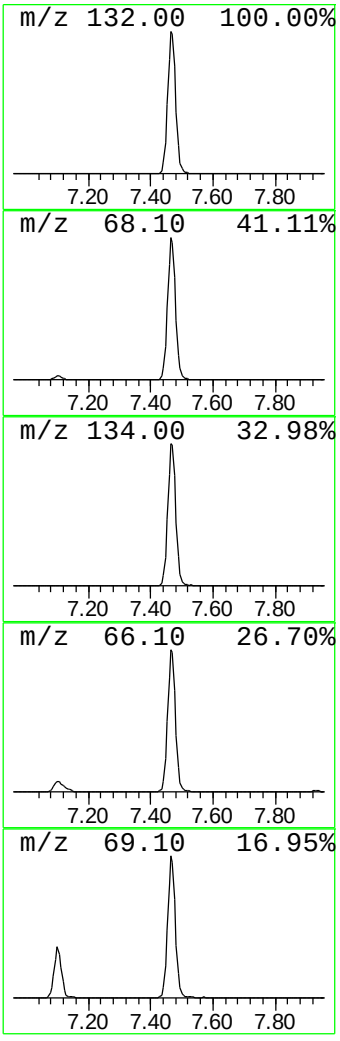
****

Peak Number 2 unknown7.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	102.60 ng	2264720	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

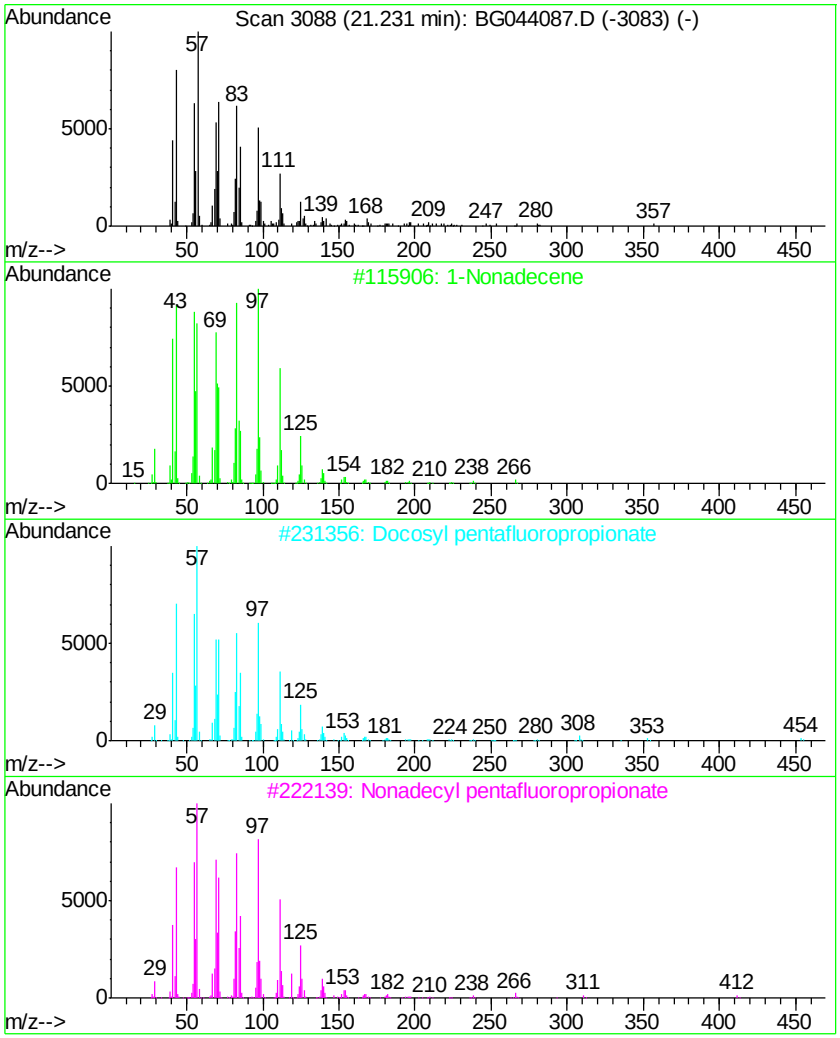
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

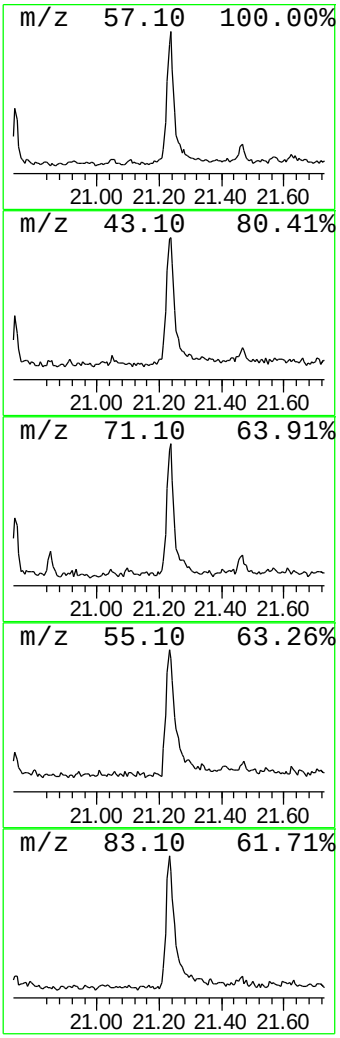
****

Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.75 ng	287676	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

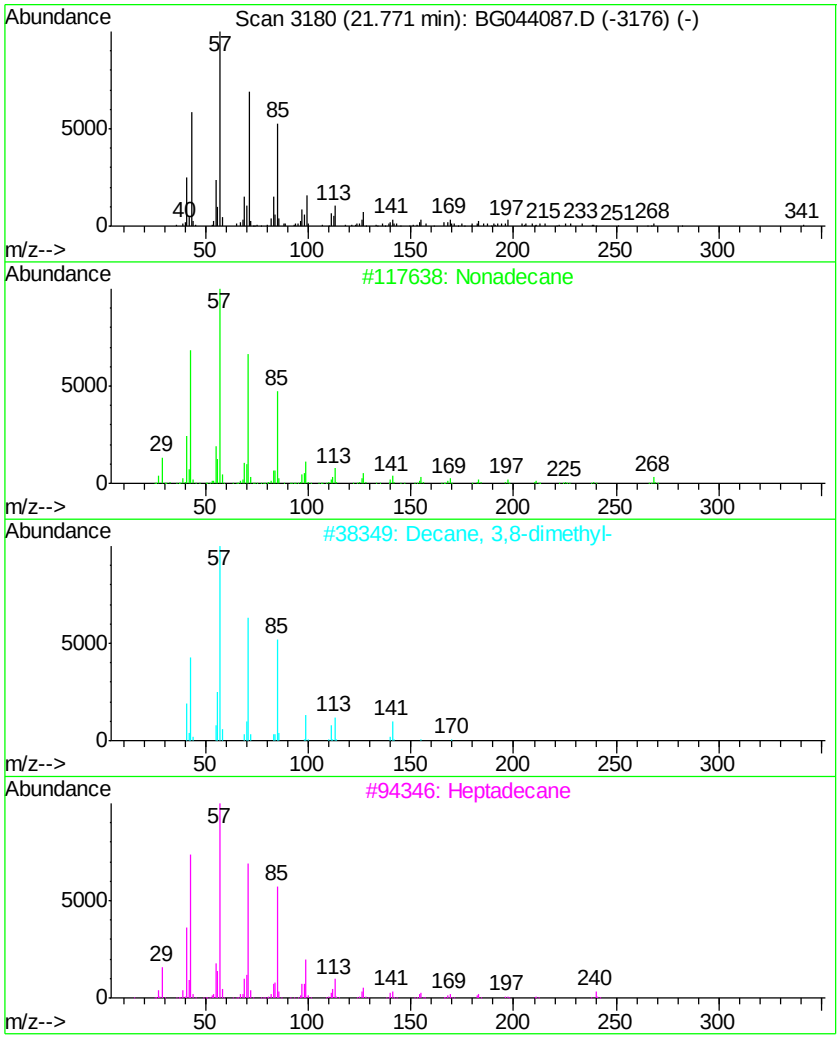
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

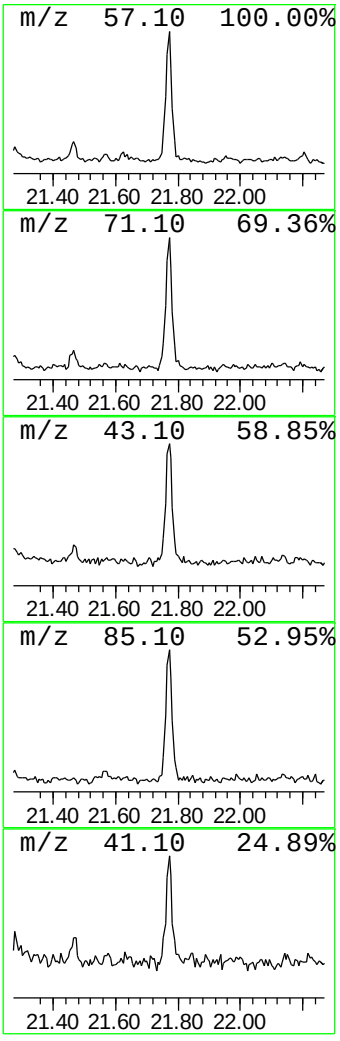
****

Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.05 ng	124087	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

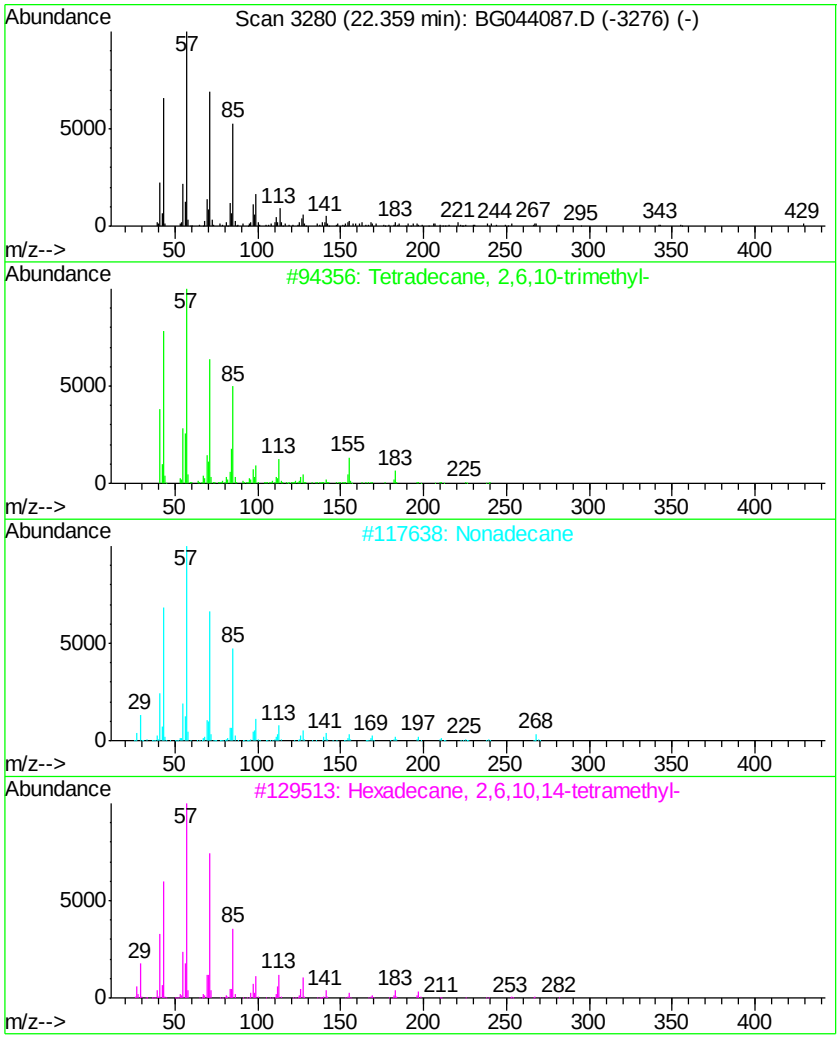
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

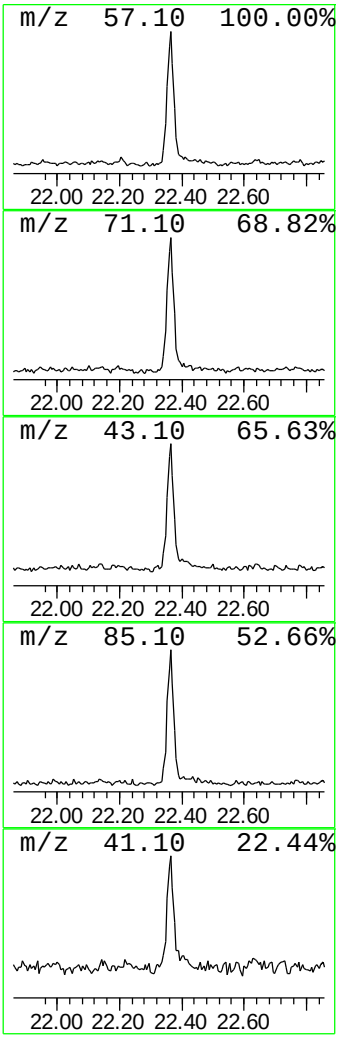
****

Peak Number 6 Tetradecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	3.33 ng	202059	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Octacosane	394	C28H58	000630-02-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

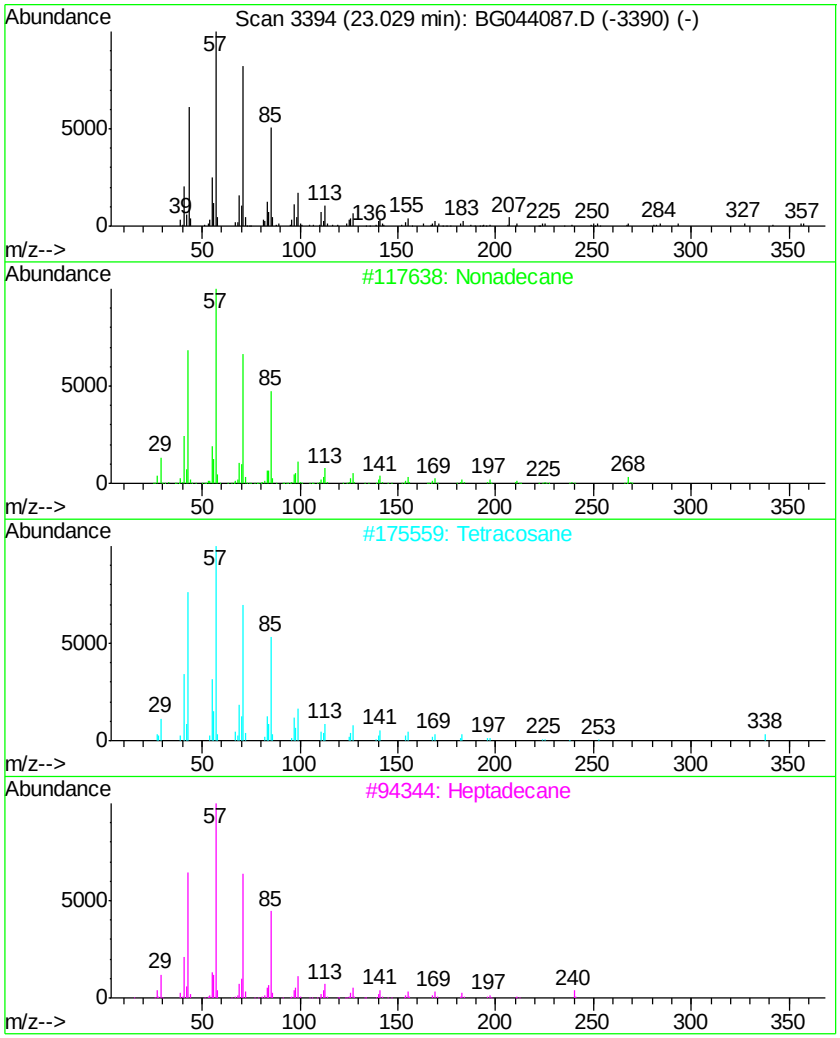
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

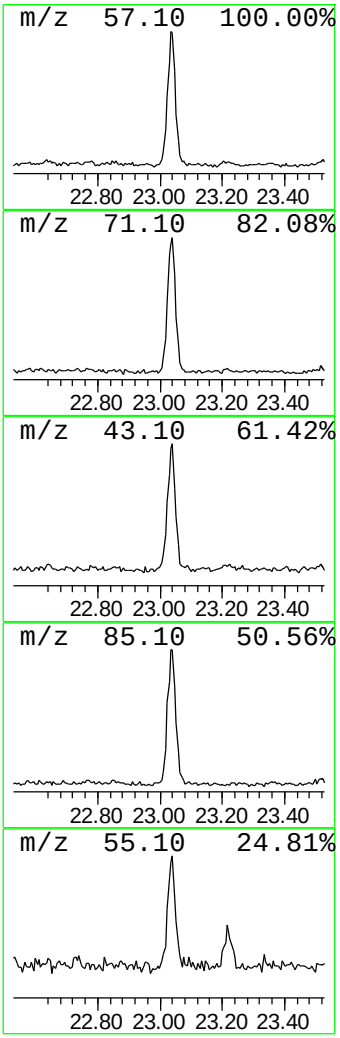
****

Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.82 ng	231675	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

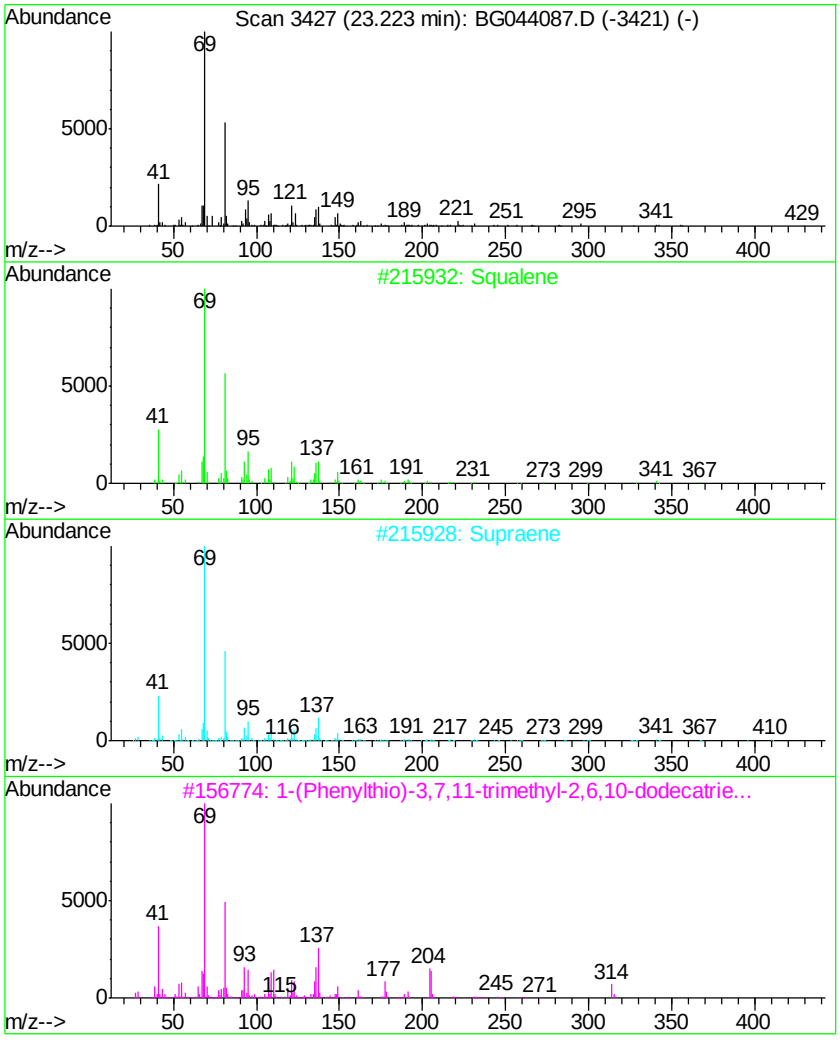
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

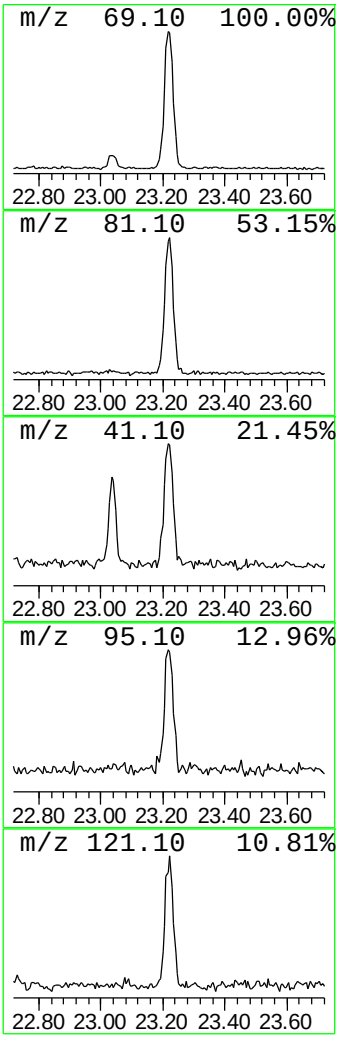
****

Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	4.01 ng	259869	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

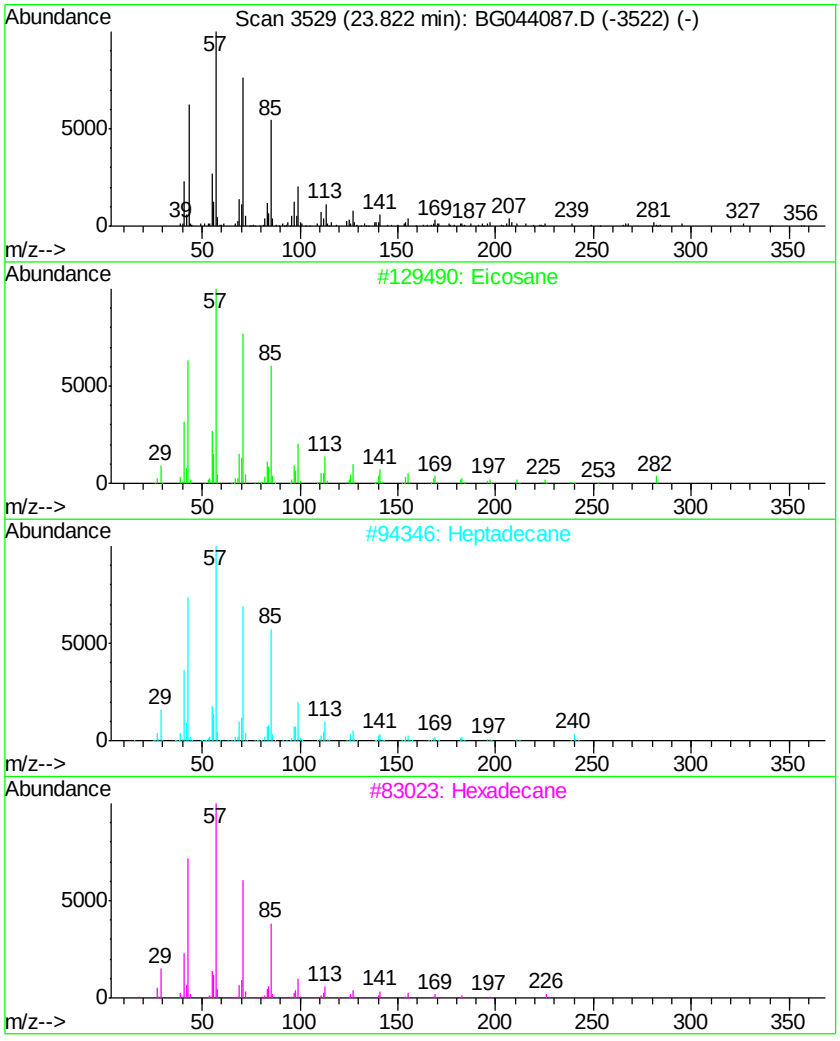
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

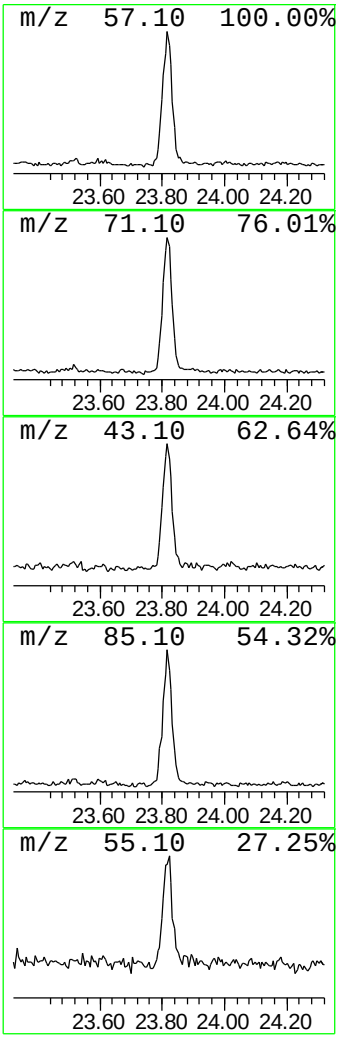
****

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	3.42 ng	221664	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetratetracontane	619	C44H90	007098-22-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(SETTLED)

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

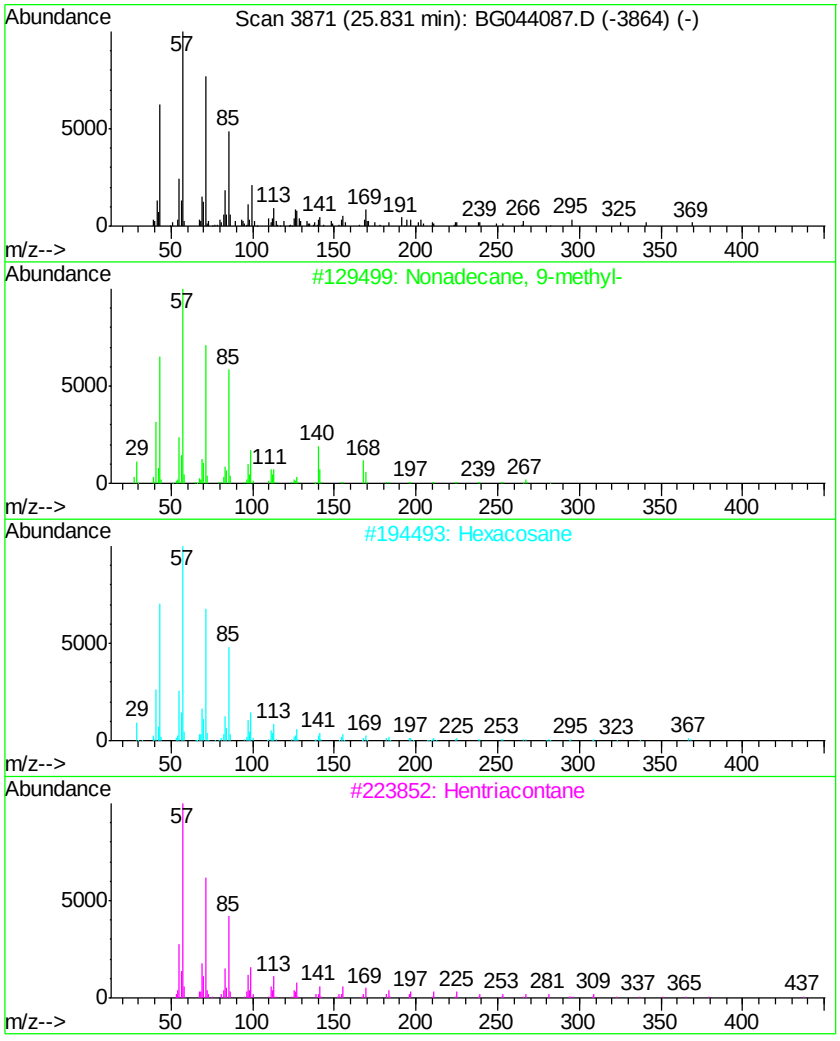
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

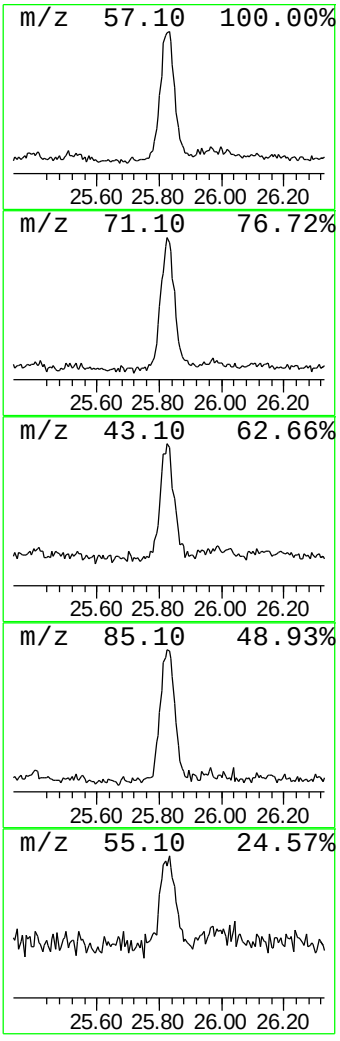
****

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.78 ng	179887	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011720\
Data File : BG044087.D
Acq On : 17 Jan 2020 23:13
Operator : JU
Sample : L1162-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-109-(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...	5.04	7.0	ng	153926	1	7.93	441485	20.0
unknown7.46	7.46	102.6	ng	2264720	1	7.93	441485	20.0
1-Nonadecene	21.23	4.8	ng	287676	5	21.56	1212100	20.0
Nonadecane	21.77	2.0	ng	124087	5	21.56	1212100	20.0
Tetradecane, 2,6,...	22.36	3.3	ng	202059	5	21.56	1212100	20.0
Tetracosane	23.03	3.8	ng	231675	5	21.56	1212100	20.0
Squalene	23.22	4.0	ng	259869	6	24.67	1296290	20.0
Hexadecane	23.82	3.4	ng	221664	6	24.67	1296290	20.0
Nonadecane, 9-met...	25.83	2.8	ng	179887	6	24.67	1296290	20.0