LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

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-BG092519.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	3.177	9	15	24	rBV	263166	579118	9.79%	2.057%
2	3.259	24	29	40	rVB	429279	717560	12.13%	2.549%
3	5.650	429	436	451	rBV	917760	1526575	25.82%	5.422%
4	7.237	698	706	718	rBV	697005	1264240	21.38%	4.491%
5	7.607	761	769	779	rBV	1228466	2129494	36.01%	7.564%
6	8.071	840	848	857	rBV	231060	407549	6.89%	1.448%
7	8.394	894	903	912	rBV	923785	1602646	27.10%	5.693%
8	9.228	1036	1045	1058	rBV	737550	1370268	23.17%	4.867%
9	10.873	1317	1325	1335	rBV	295672	534399	9.04%	1.898%
10	11.772	1471	1478	1490	rBV3	79543	181668	3.07%	0.645%
11	13.312	1733	1740	1753	rBV	2075733	3299237	55.79%	11.719%
12	14.134	1873	1880	1886	rBV	112710	160391	2.71%	0.570%
13	14.687	1967	1974	1983	rVB2	487226	784643	13.27%	2.787%
14	16.173	2220	2227	2244	rBV	2074960	3128111	52.90%	11.111%
15	17.430	2434	2441	2450	rBV	662320	1025447	17.34%	3.642%
16	18.318	2585	2592	2598	rBV2	120458	179744	3.04%	0.638%
17	20.039	2879	2885	2894	rBV	4391880	5913235	100.00%	21.004%
18	21.355	3104	3109	3116	rBV5	70261	193061	3.26%	0.686%
19	21.702	3161	3168	3178	rBV	715103	1256220	21.24%	4.462%
20	21.896	3198	3201	3206	rVB3	40036	61922	1.05%	0.220%
21	22.507	3301	3305	3309	rBV3	54535	80187	1.36%	0.285%
22	23.206	3418	3424	3431	rBV2	75819	143311	2.42%	0.509%
23	24.011	3555	3561	3569	rVB2	76277	153928	2.60%	0.547%
24	24.922	3706	3716	3734	rVB2	441764	1460561	24.70%	5.188%

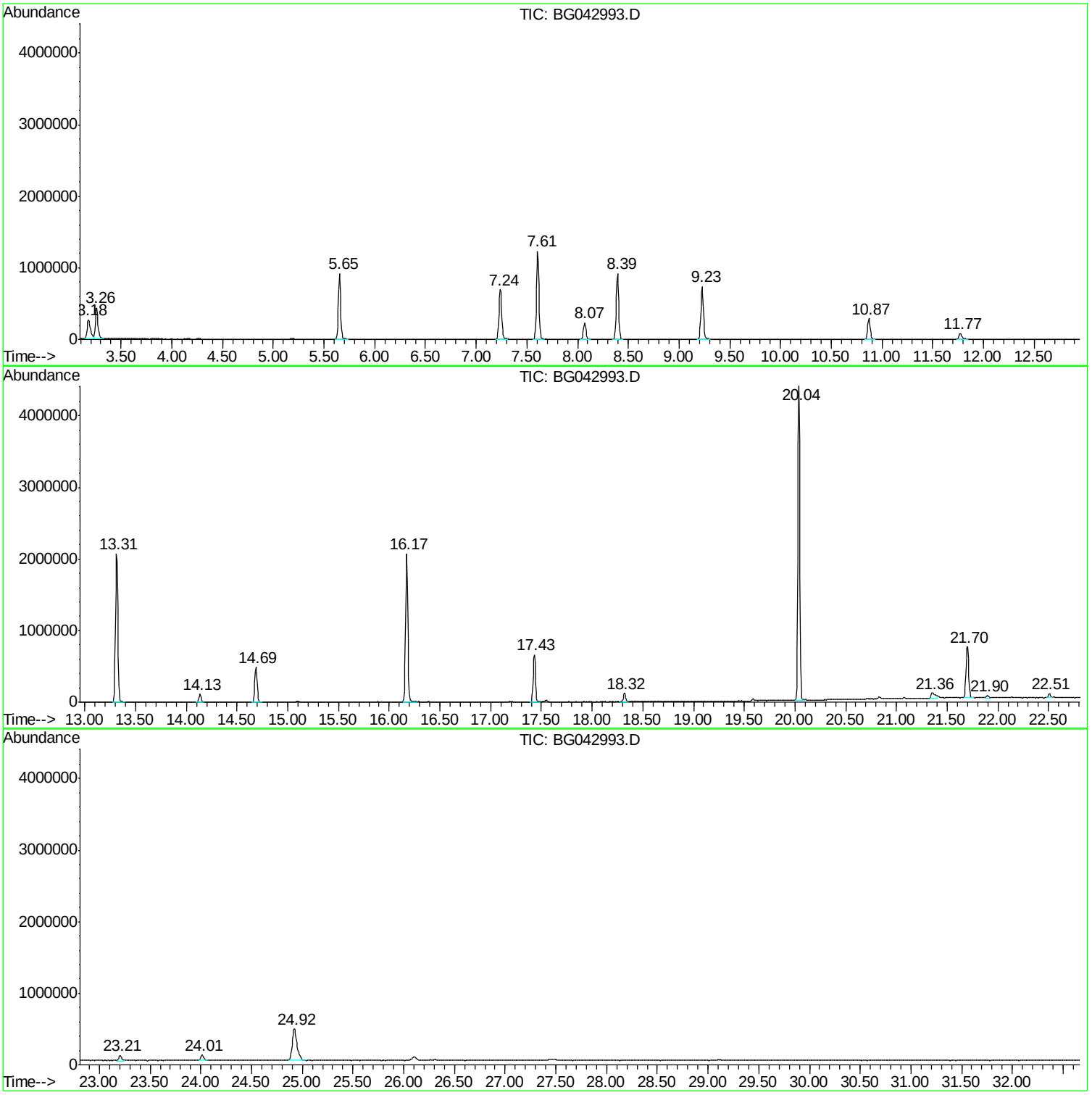
Sum of corrected areas: 28153515

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

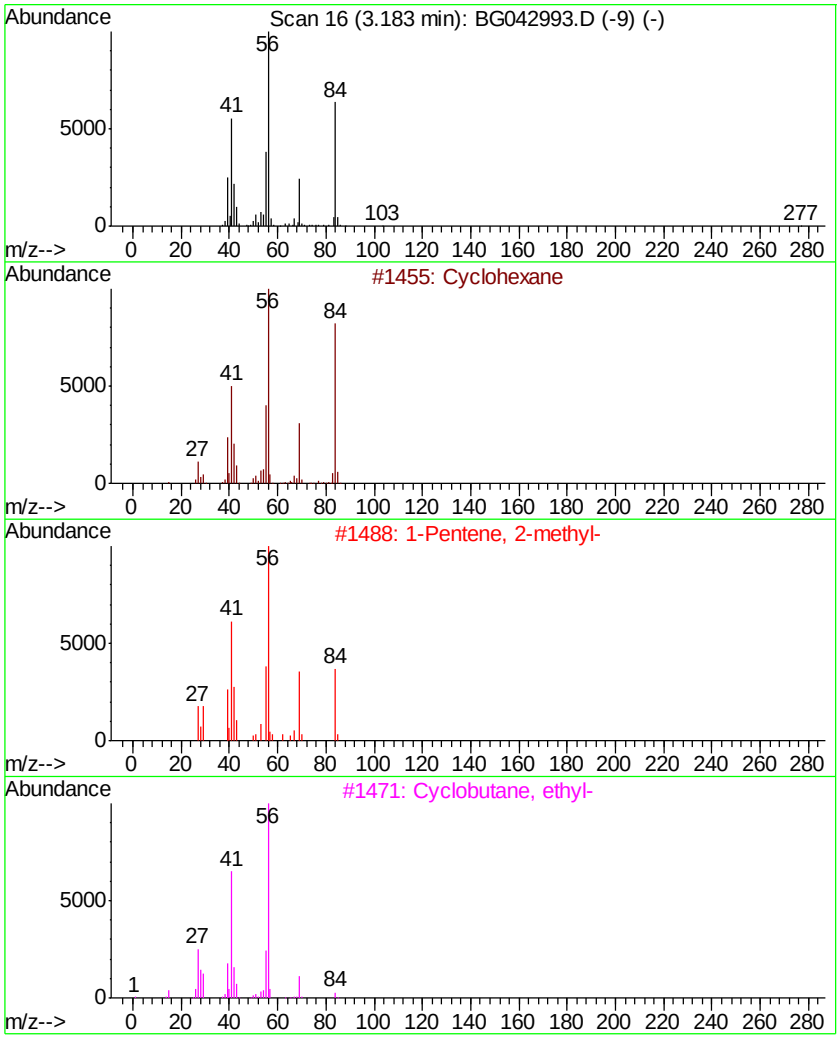
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

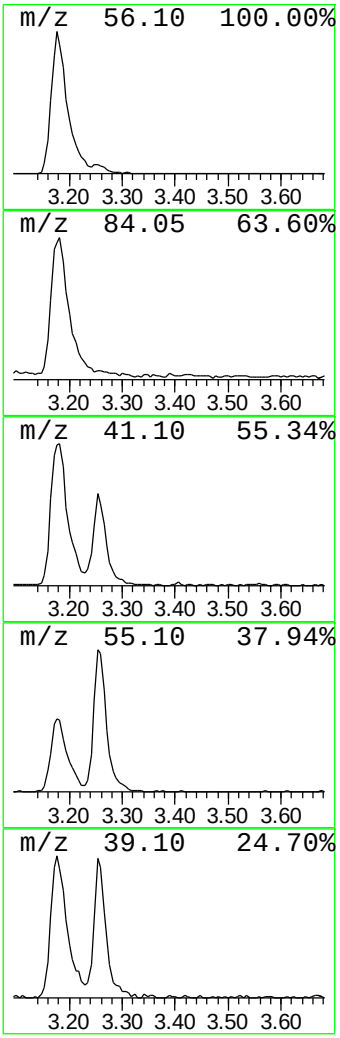
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	28.42 ng	579118	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
4	1-Hexene	84	C6H12	000592-41-6	45
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

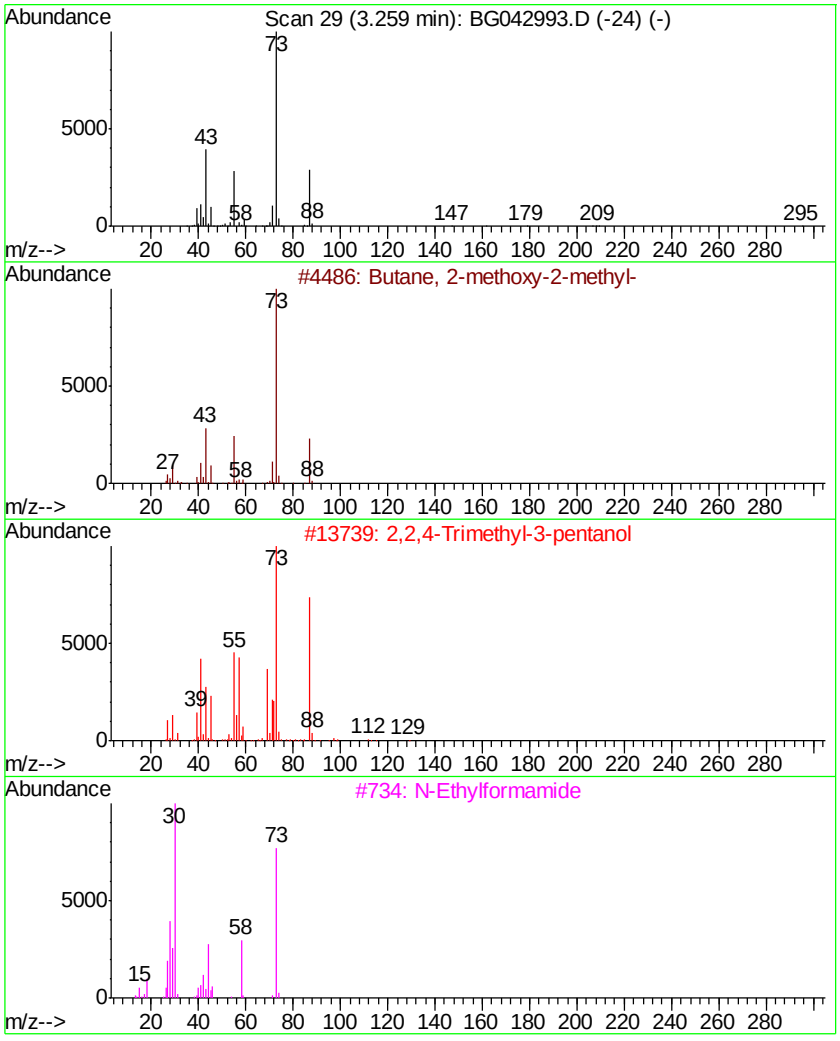
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

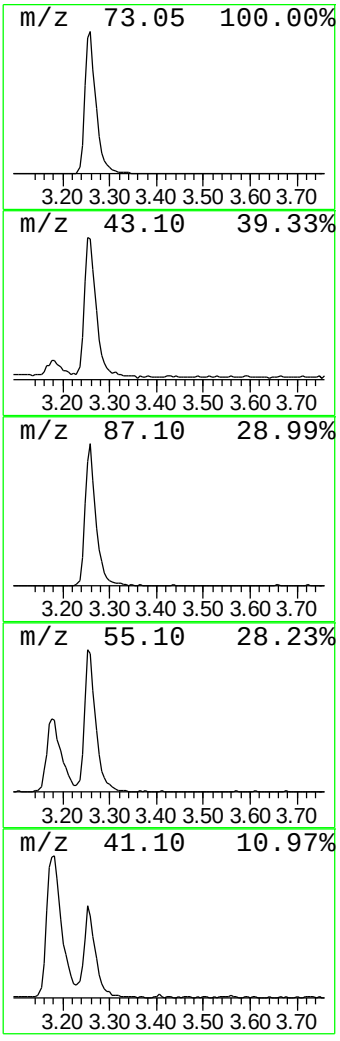
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	35.21 ng	717560	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

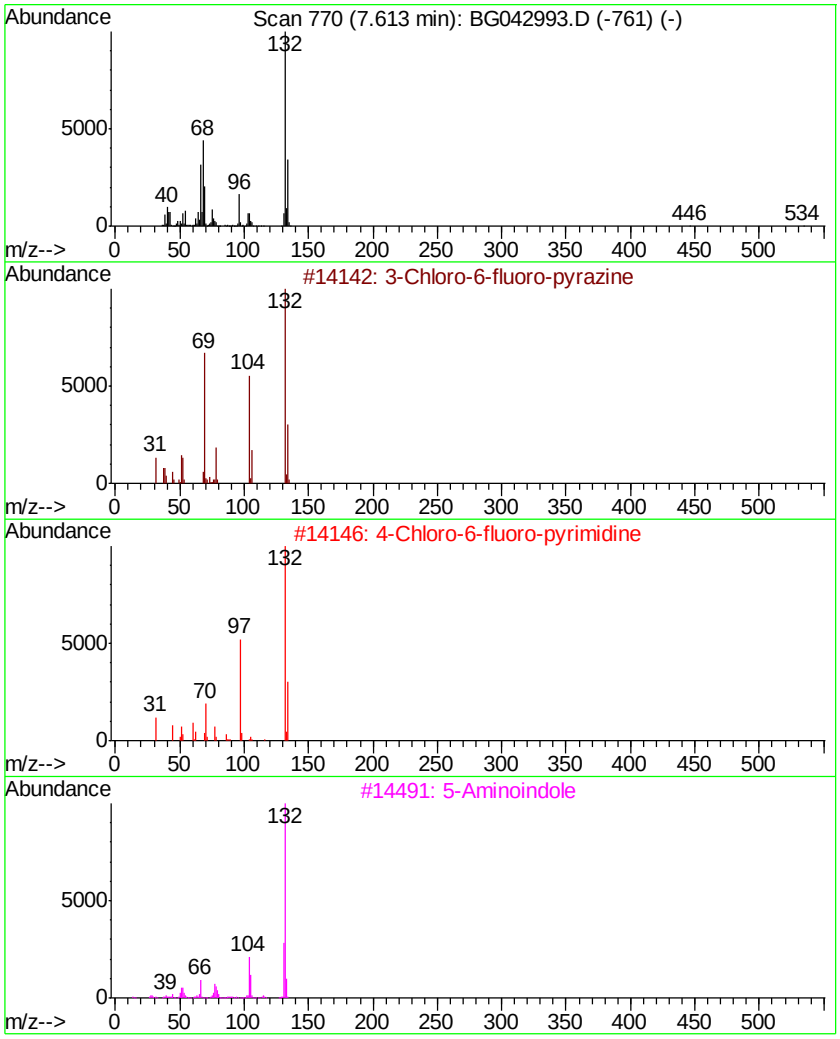
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

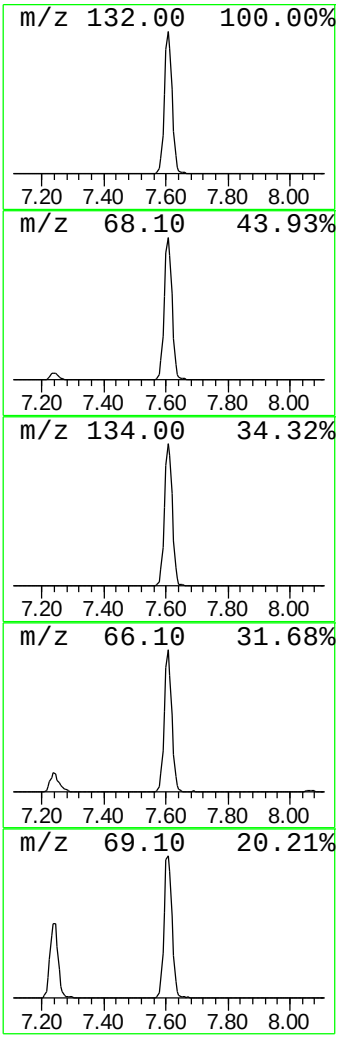
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	104.50 ng	2129490	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

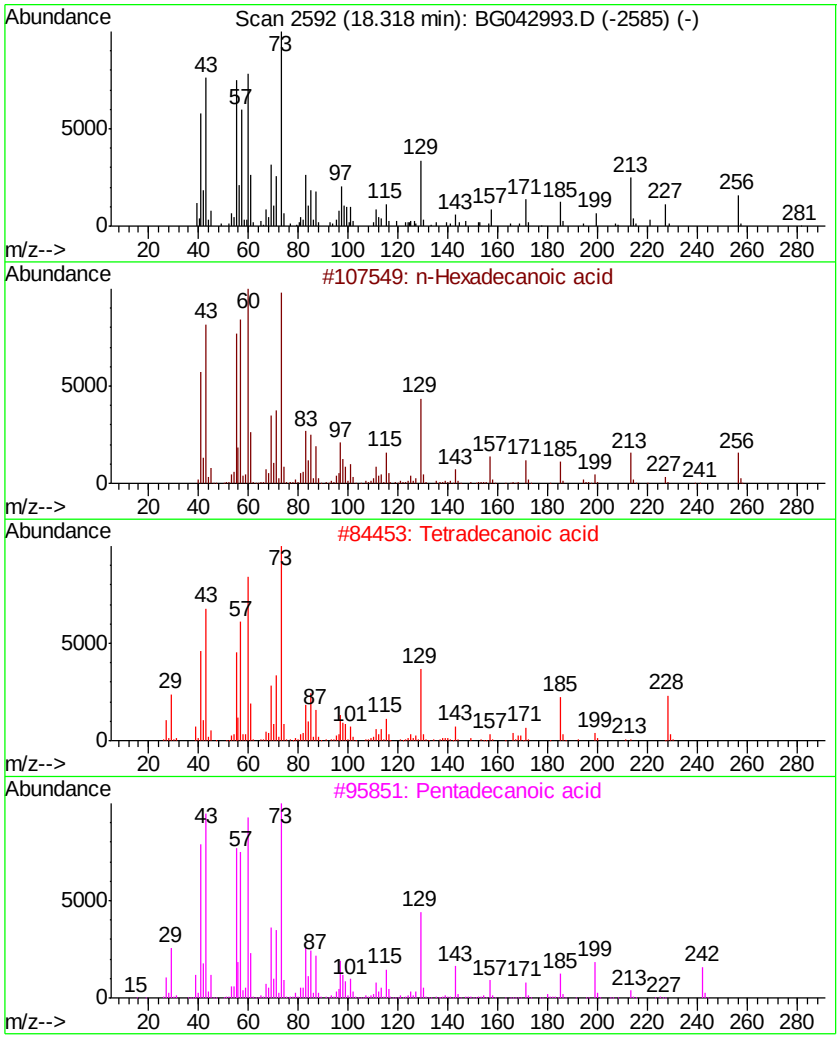
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

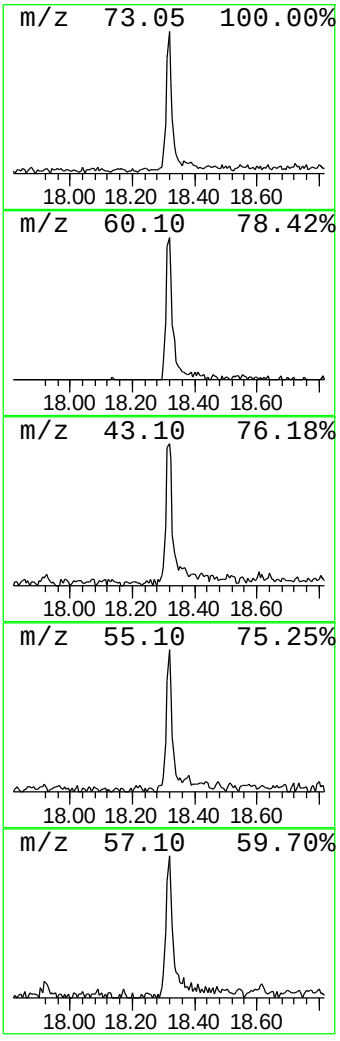
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.51 ng	179744	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

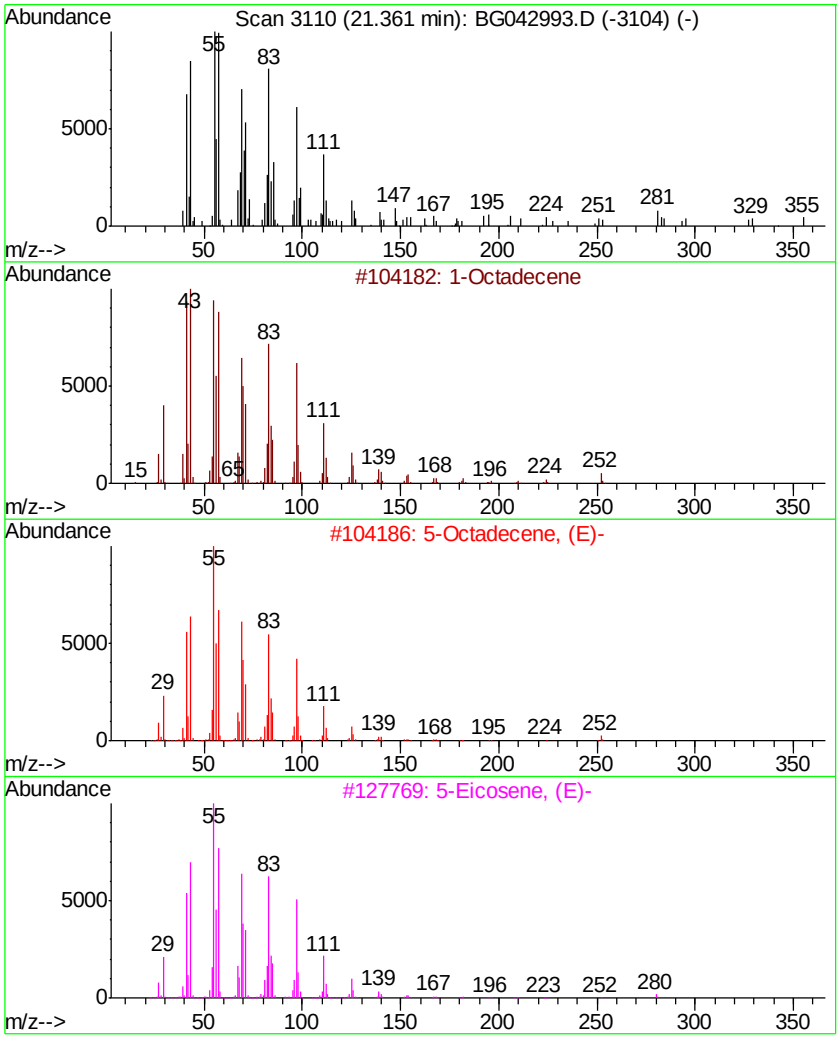
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

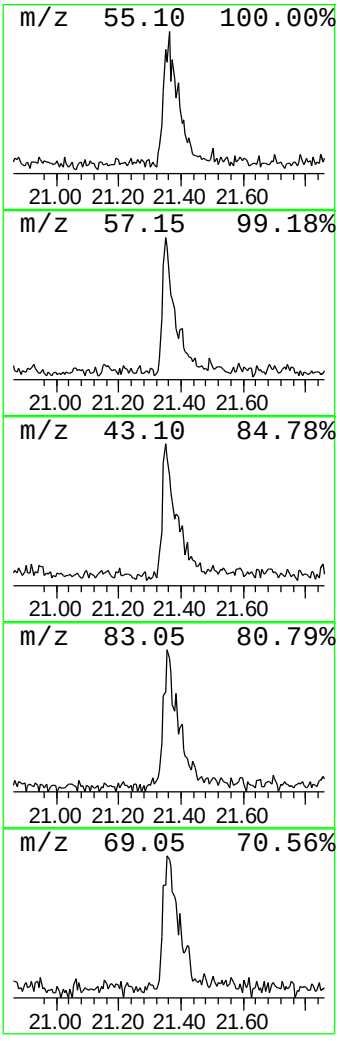
****

Peak Number 6 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.07 ng	193061	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	89
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
4	Cetene	224	C16H32	000629-73-2	89
5	1-Eicosene	280	C20H40	003452-07-1	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

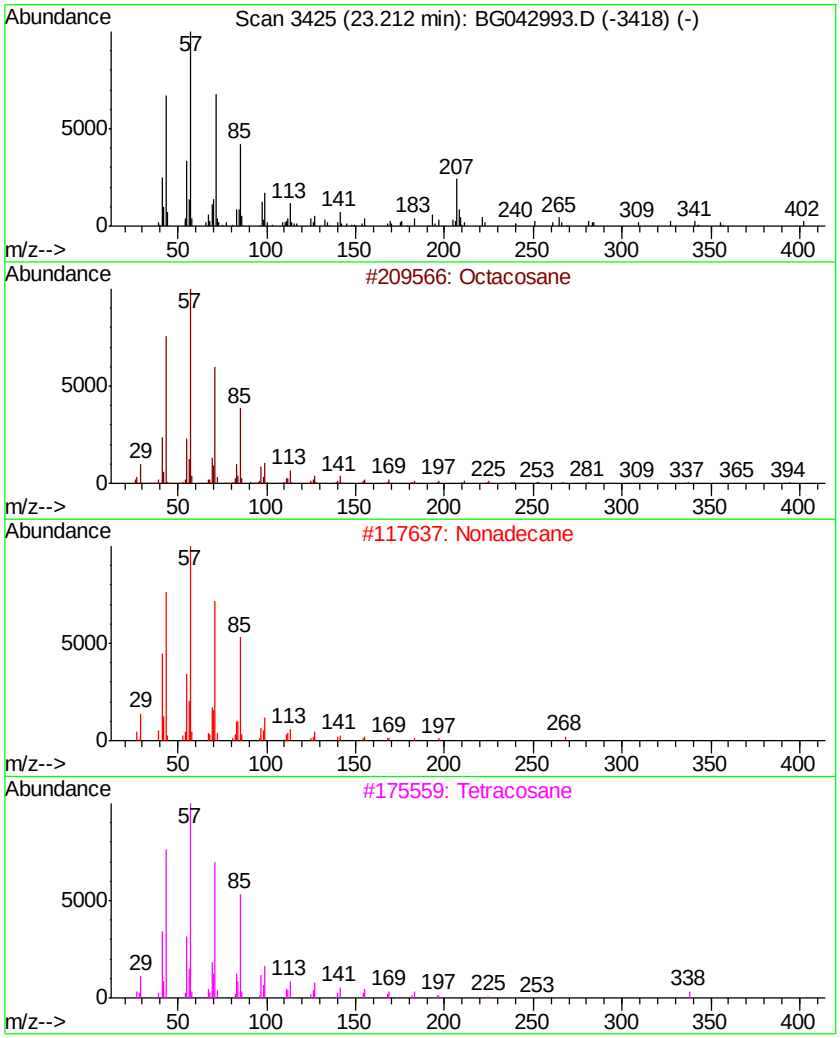
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

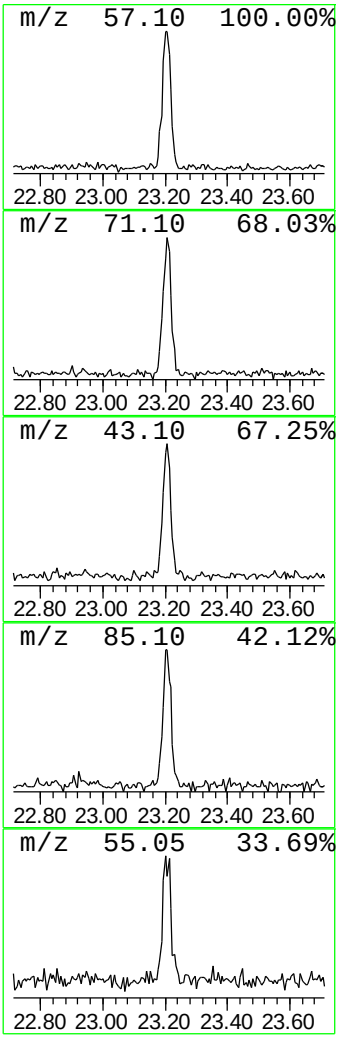
****

Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	2.28 ng	143311	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetracosane	338	C24H50	000646-31-1	81
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Hexacosane	366	C26H54	000630-01-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

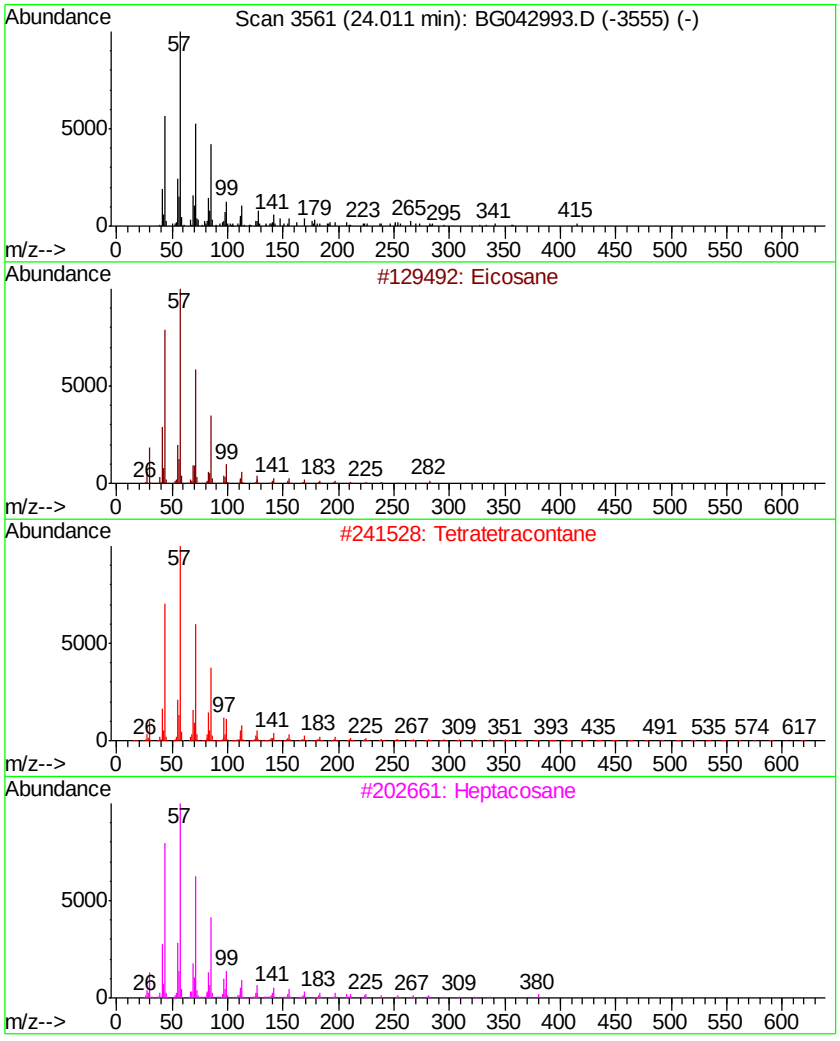
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

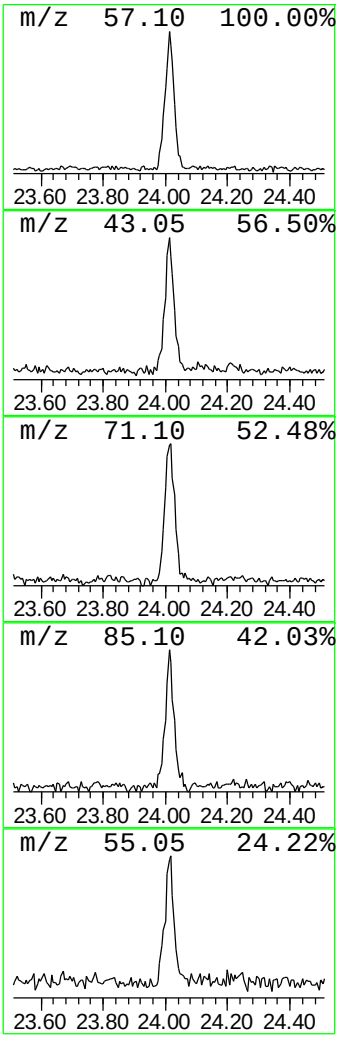
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.11 ng	153928	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.18	28.4	ng	579118	1	8.07	407549	20.0
Butane, 2-methoxy...	3.26	35.2	ng	717560	1	8.07	407549	20.0
unknown7.61	7.61	104.5	ng	2129490	1	8.07	407549	20.0
n-Hexadecanoic acid	18.32	3.5	ng	179744	4	17.43	1025450	20.0
1-Octadecene	21.36	3.1	ng	193061	5	21.70	1256220	20.0
Octacosane	23.21	2.3	ng	143311	5	21.70	1256220	20.0
Eicosane	24.01	2.1	ng	153928	6	24.93	1460560	20.0