LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-SA

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-BG031020.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	3.156	5	11	20	rBV	148400	338382	5.61%	1.017%
2	3.232	20	24	32	rVB2	58002	101590	1.69%	0.305%
3	5.153	346	351	361	rBV2	38893	72001	1.19%	0.216%
4	5.623	423	431	445	rVB	1652552	2712766	44.99%	8.150%
5	7.204	693	700	709	rBV	1677320	2996438	49.70%	9.003%
6	8.056	837	845	853	rBV	348425	621090	10.30%	1.866%
7	8.379	890	900	911	rBV	1228248	2205281	36.58%	6.626%
8	9.207	1031	1041	1052	rBV	1034101	1904093	31.58%	5.721%
9	10.864	1314	1323	1331	rBV	480622	877042	14.55%	2.635%
10	13.314	1732	1740	1747	rBV	2581260	4216921	69.94%	12.669%
11	14.137	1873	1880	1886	rBV	263440	397568	6.59%	1.194%
12	14.683	1965	1973	1980	rBV	752821	1267213	21.02%	3.807%
13	16.170	2219	2226	2237	rBV	2147694	3250056	53.91%	9.765%
14	17.433	2434	2441	2446	rBV	956448	1525832	25.31%	4.584%
15	18.332	2590	2594	2604	rVB2	117988	169710	2.81%	0.510%
16	19.478	2784	2789	2794	rBV2	56388	84551	1.40%	0.254%
17	19.601	2805	2810	2817	rBV5	47600	70628	1.17%	0.212%
18	19.836	2843	2850	2857	rVB2	51880	91631	1.52%	0.275%
19	20.042	2879	2885	2891	rBV	4245035	6029065	100.00%	18.114%
20	21.364	3106	3110	3118	rBV	251242	399720	6.63%	1.201%
21	21.699	3160	3167	3174	rBV2	1017316	1730112	28.70%	5.198%
22	22.556	3309	3313	3320	rVB7	43174	78477	1.30%	0.236%
23	23.262	3429	3433	3439	rVB3	40157	75000	1.24%	0.225%
24	24.084	3566	3573	3579	rBV5	54399	118149	1.96%	0.355%
25	24.913	3704	3714	3729	rBV2	600942	1716181	28.47%	5.156%
26	25.048	3731	3737	3746	rVB4	48989	117752	1.95%	0.354%
27	26.311	3946	3952	3963	rVB4	35669	117025	1.94%	0.352%

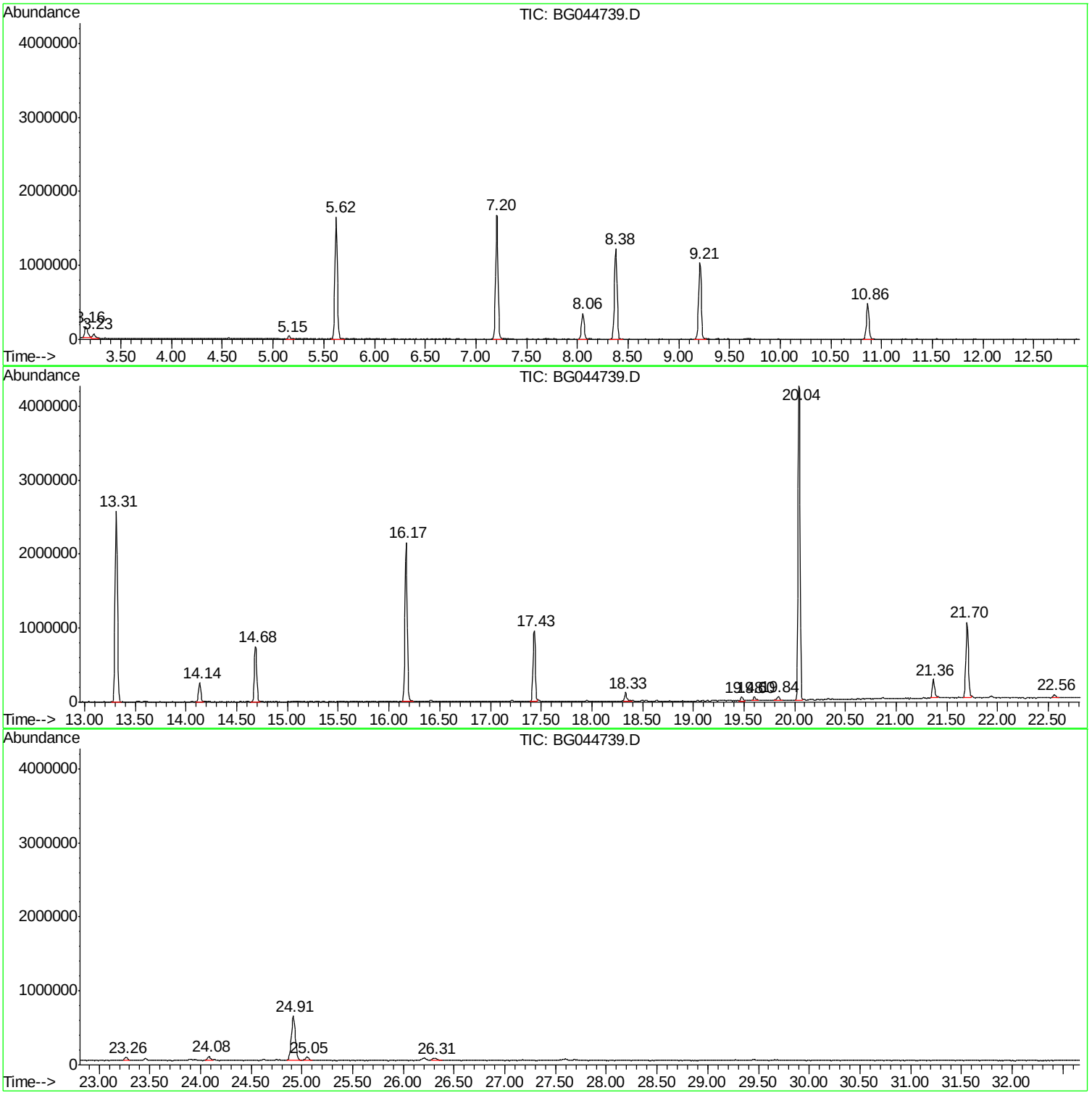
Sum of corrected areas: 33284274

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

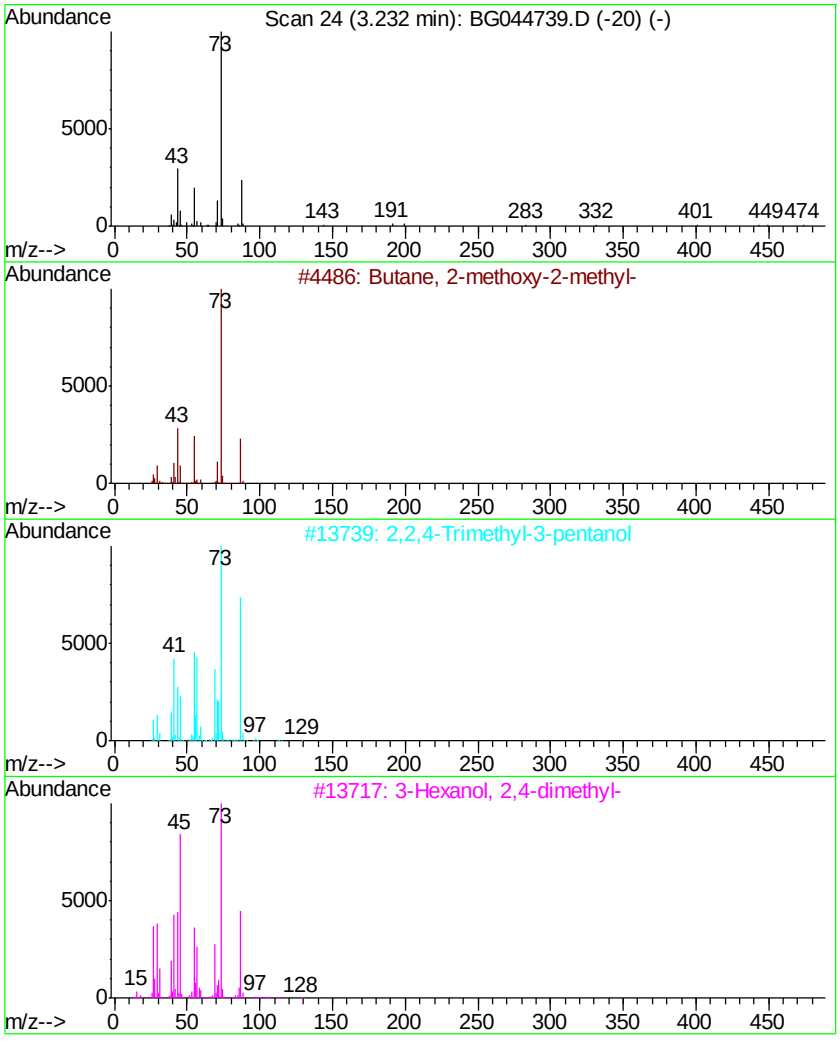
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

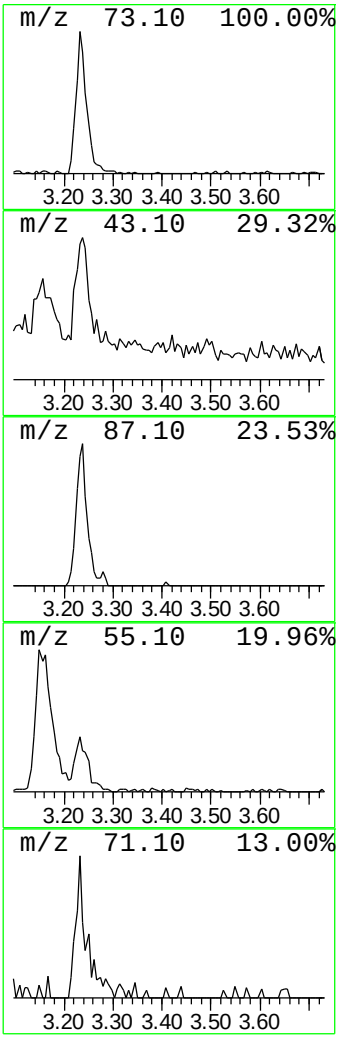
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	3.27 ng	101590	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

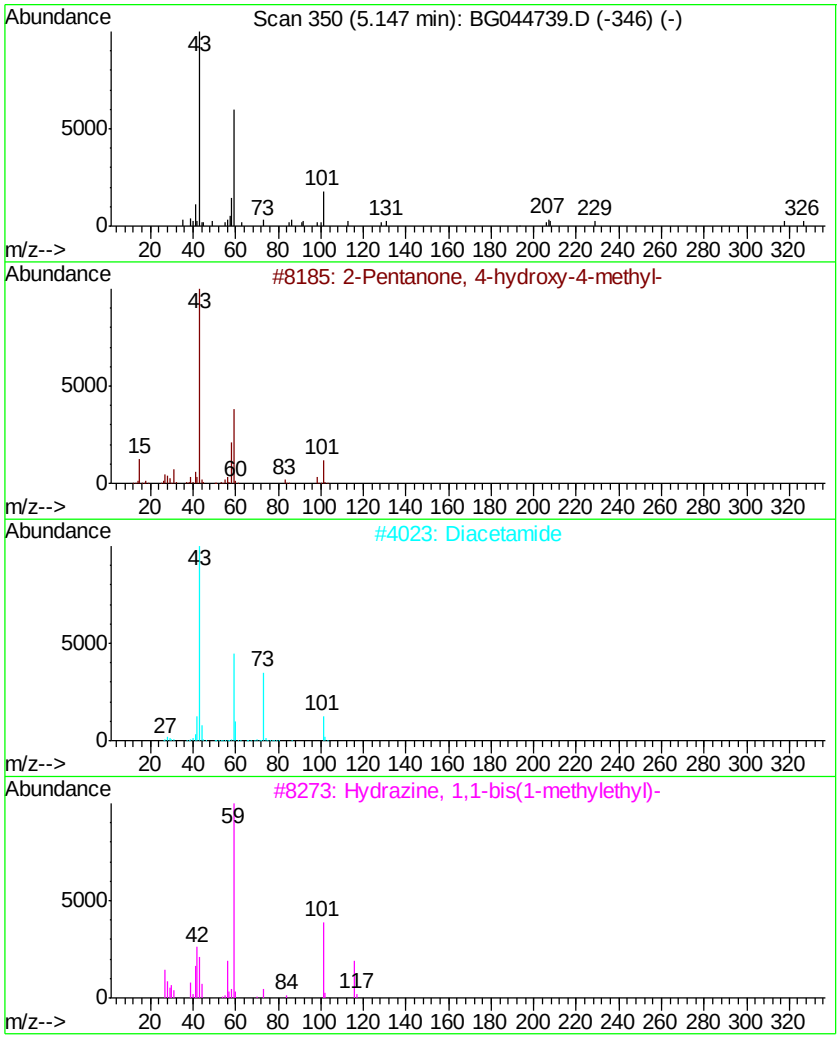
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

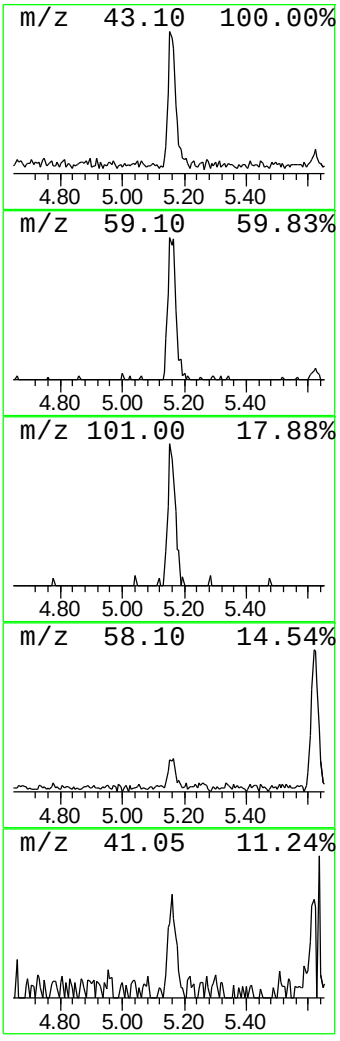
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.32 ng	72001	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Diacetamide	101	C4H7NO2	000625-77-4	36
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	Butanedioic acid, diazo-, dimeth...	172	C6H8N2O4	055514-36-8	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

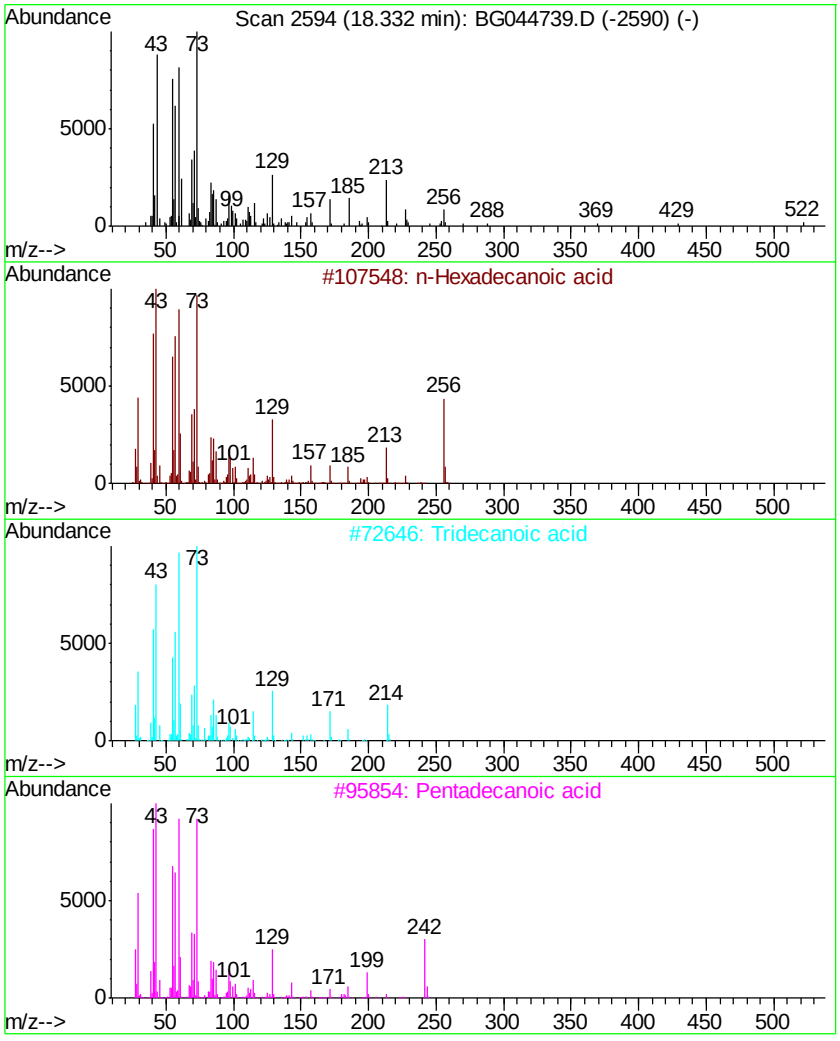
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

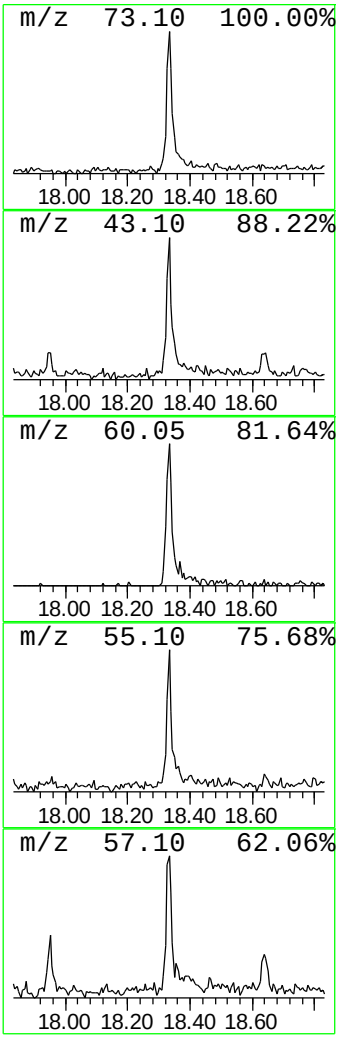
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.22 ng	169710	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

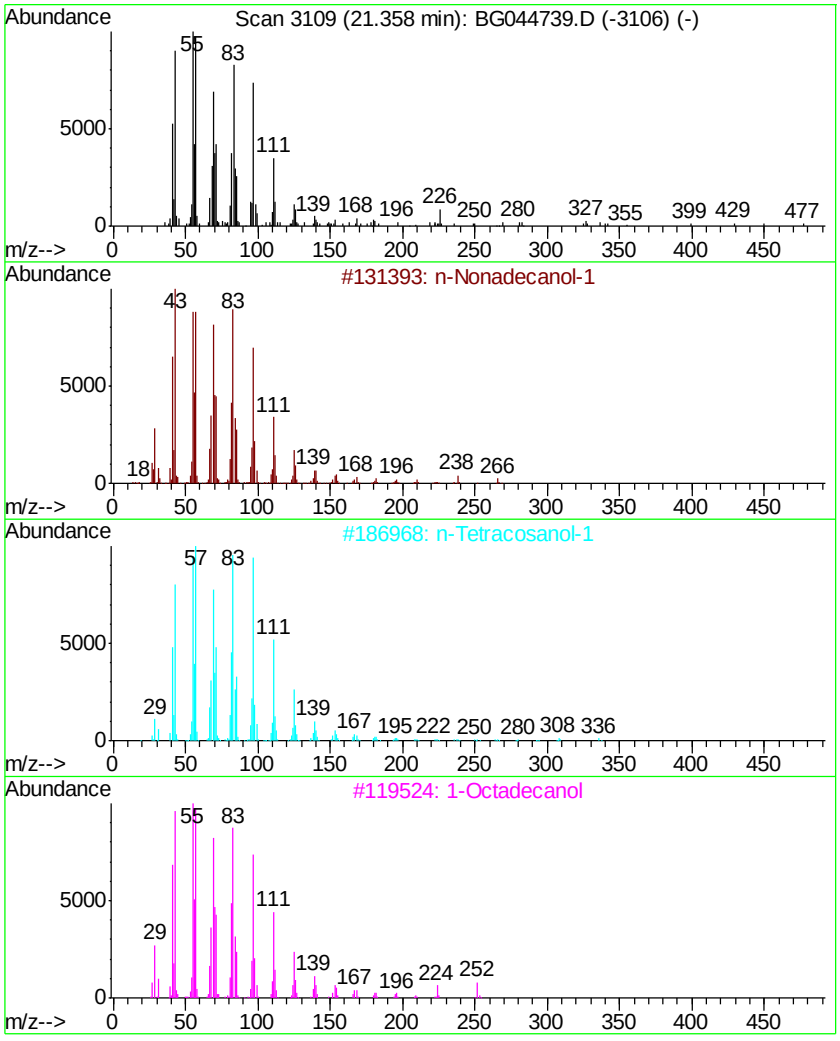
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

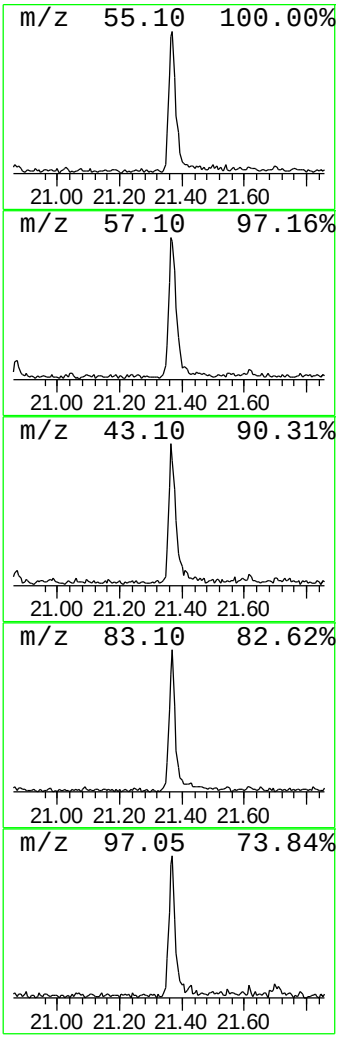
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.62 ng	399720	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031220\
Data File : BG044739.D
Acq On : 12 Mar 2020 17:30
Operator : CG/JU
Sample : L1893-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
Butane, 2-methoxy...	3.23	3.3	ng	101590	1	8.06	621090	20.0
2-Pentanone, 4-hy...	5.15	2.3	ng	72001	1	8.06	621090	20.0
n-Hexadecanoic acid	18.33	2.2	ng	169710	4	17.43	1525830	20.0
n-Nonadecanol-1	21.36	4.6	ng	399720	5	21.70	1730110	20.0