LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019071-SS-COMPOSITE-11

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	3.173	9	14	23	rBV2	75714	173898	3.03%	0.551%
2	3.255	23	28	42	rVB	179369	297788	5.20%	0.944%
3	5.652	428	436	451	rBV	1493271	2442225	42.61%	7.744%
4	7.244	697	707	717	rBV	1527581	2833392	49.44%	8.984%
5	7.609	760	769	783	rBV	1529321	2689900	46.93%	8.529%
6	8.067	840	847	855	rBV	263069	451609	7.88%	1.432%
7	8.390	893	902	911	rBV	1095291	1986909	34.67%	6.300%
8	9.224	1035	1044	1057	rBV	874892	1663546	29.03%	5.275%
9	10.869	1315	1324	1338	rBV	328288	602891	10.52%	1.912%
10	13.314	1732	1740	1754	rBV	2392007	3768740	65.76%	11.950%
11	14.136	1870	1880	1886	rBV	226223	350279	6.11%	1.111%
12	14.683	1966	1973	1982	rBV2	548906	899769	15.70%	2.853%
13	16.169	2219	2226	2239	rBV	2235633	3575386	62.38%	11.337%
14	17.426	2434	2440	2451	rBV2	695661	1115752	19.47%	3.538%
15	18.314	2587	2591	2600	rBV	89929	133166	2.32%	0.422%
16	20.035	2878	2884	2893	rBV	4139152	5731307	100.00%	18.173%
17	21.363	3104	3110	3112	rBV6	30868	63857	1.11%	0.202%
18	21.698	3160	3167	3174	rBV2	783087	1311747	22.89%	4.159%
19	24.007	3554	3560	3568	rVB7	26426	60378	1.05%	0.191%
20	24.918	3705	3715	3731	rVB	471024	1384519	24.16%	4.390%

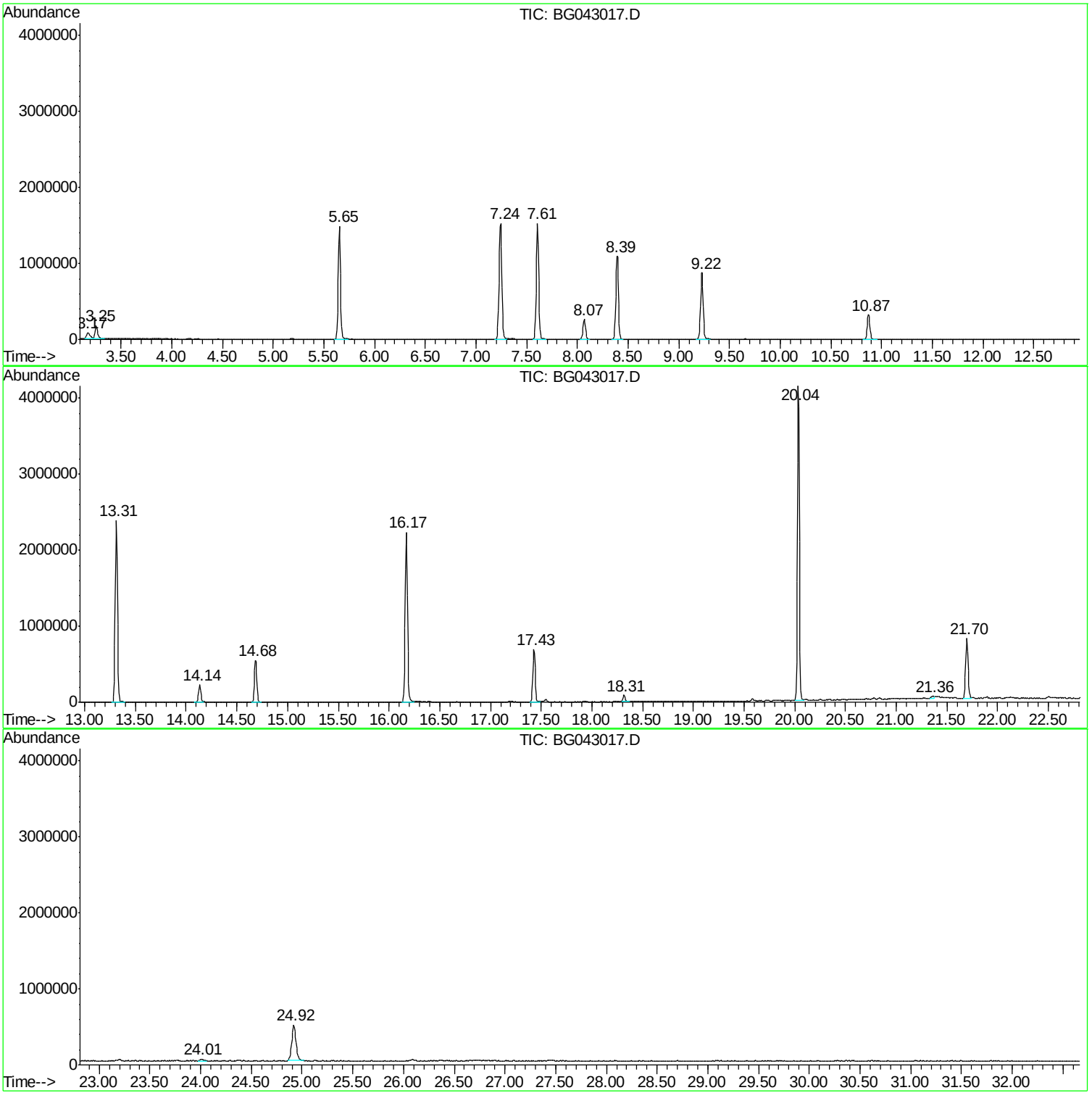
Sum of corrected areas: 31537058

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2019071-SS-COMPOSITE-11

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019071-SS-COMPOSITE-11

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

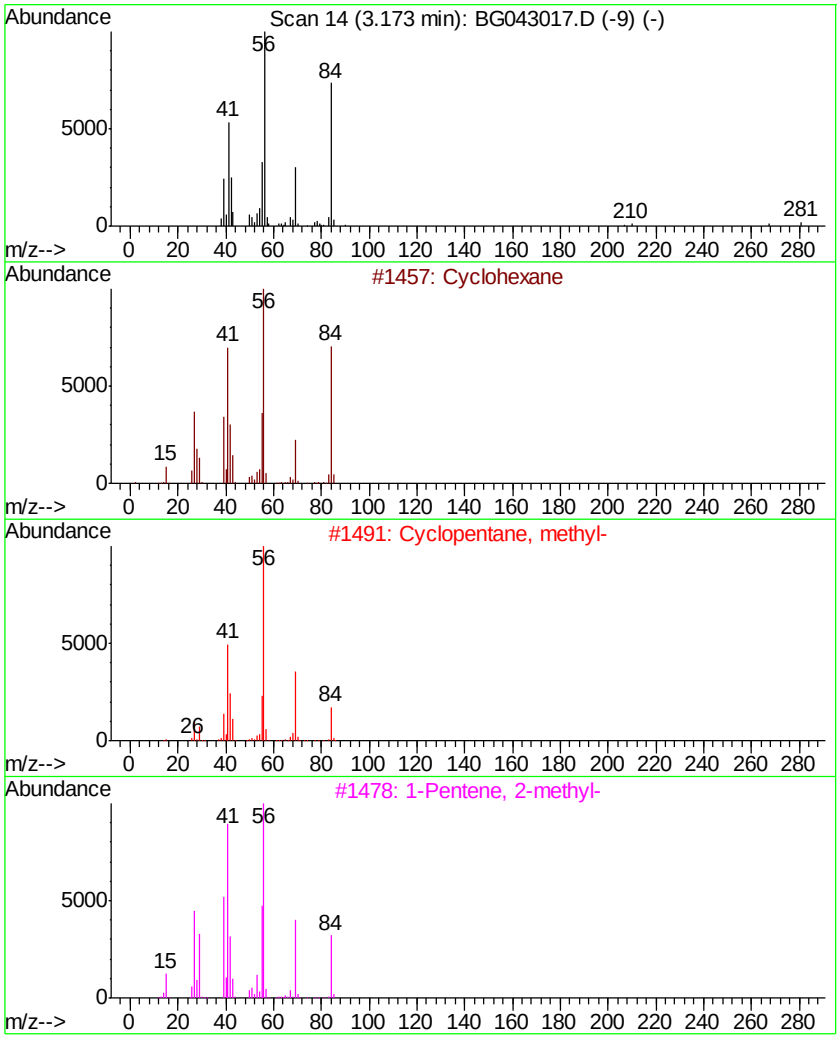
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

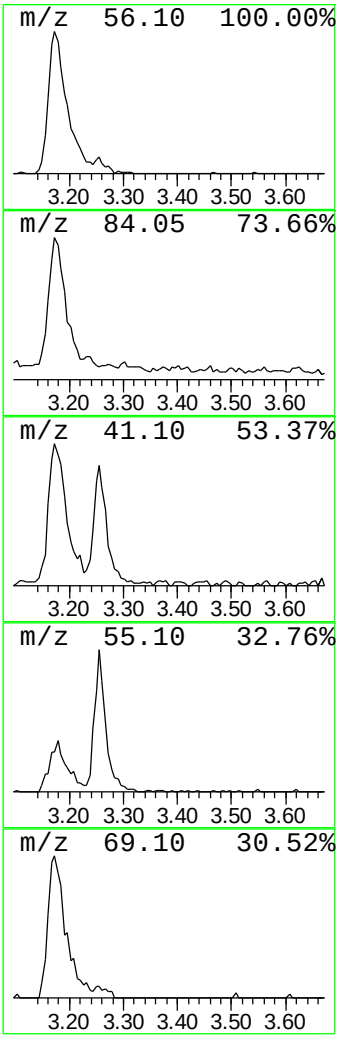
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	7.70 ng	173898	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	53
5	1-Hexene	84	C6H12	000592-41-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019071-SS-COMPOSITE-11

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

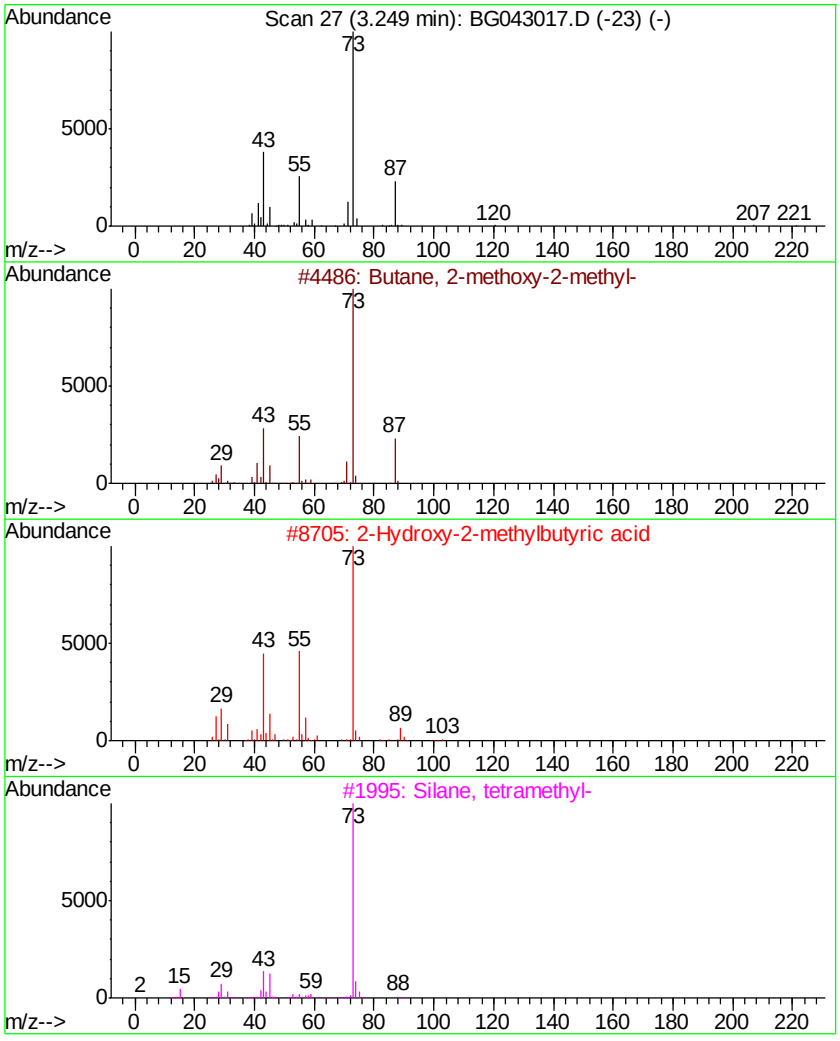
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

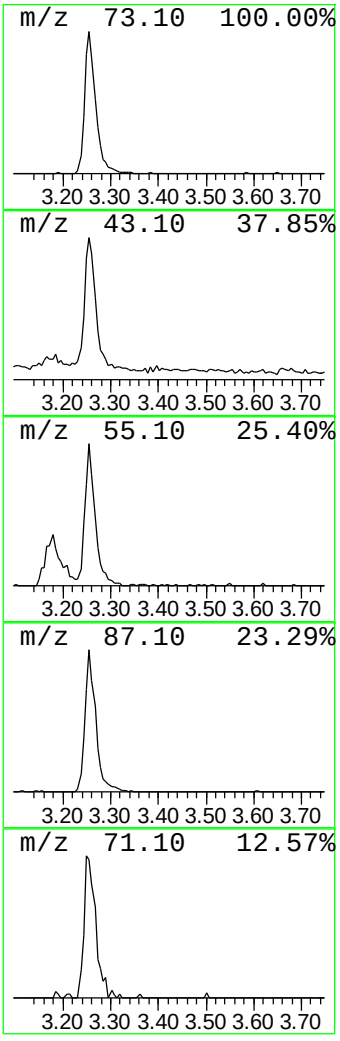
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	13.19 ng	297788	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-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019071-SS-COMPOSITE-11

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

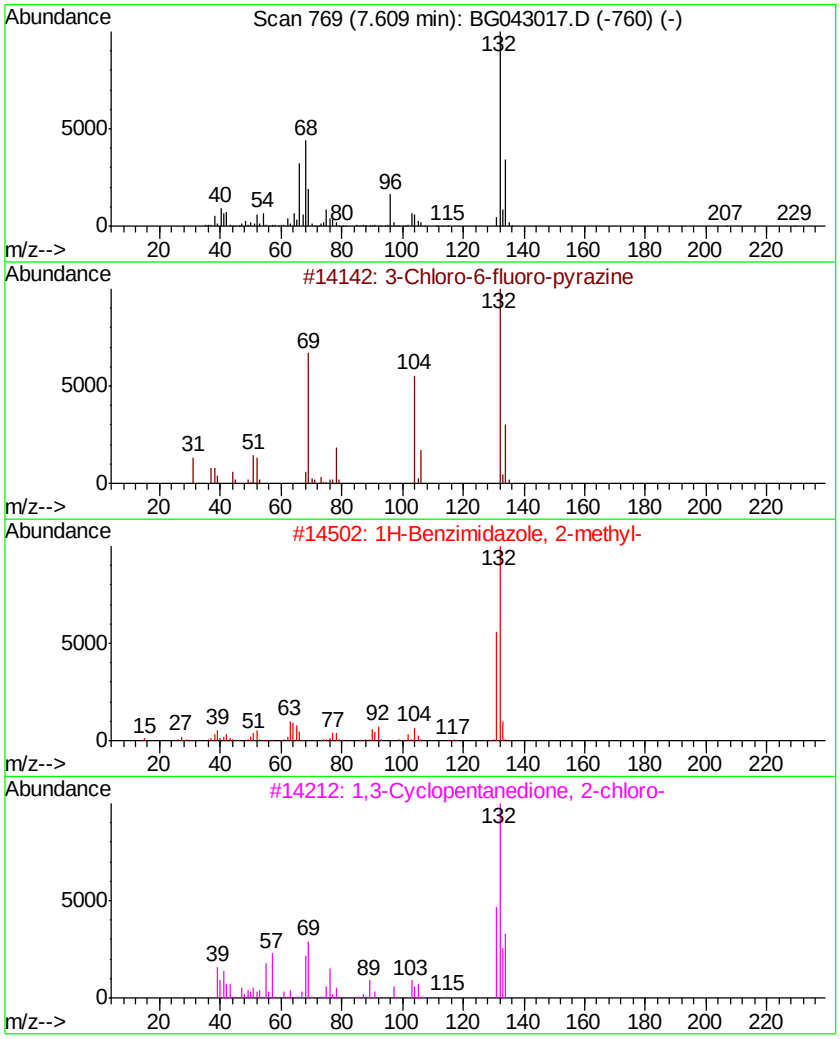
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

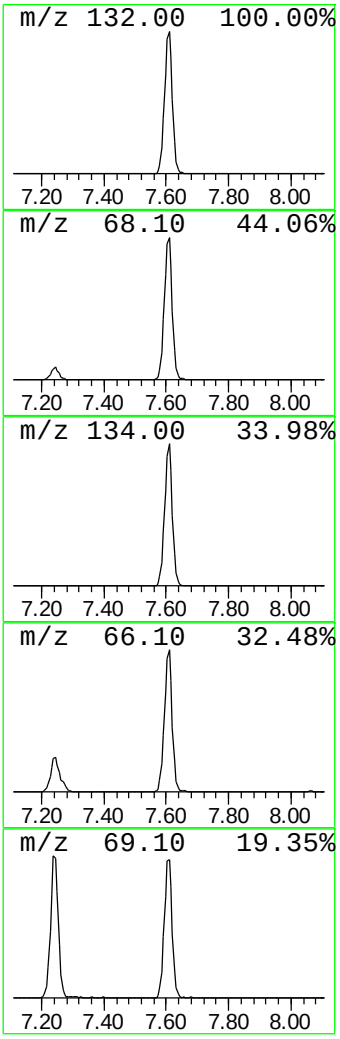
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	119.13 ng	2689900	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019071-SS-COMPOSITE-11

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

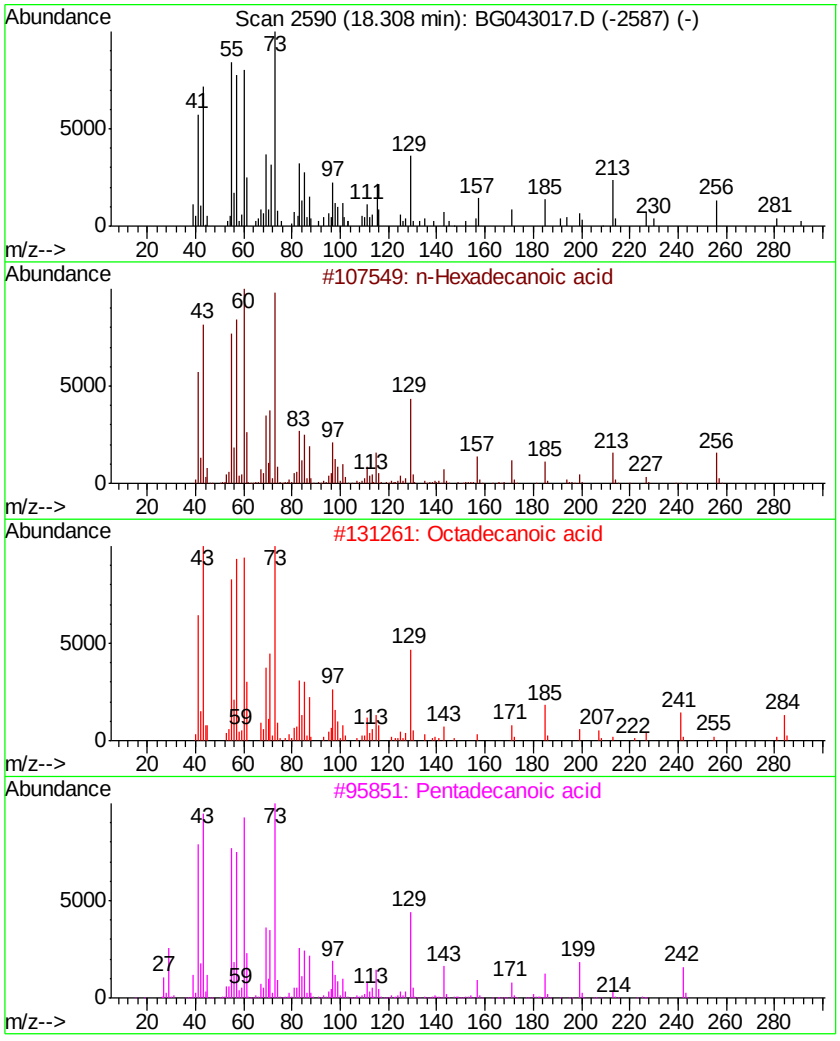
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

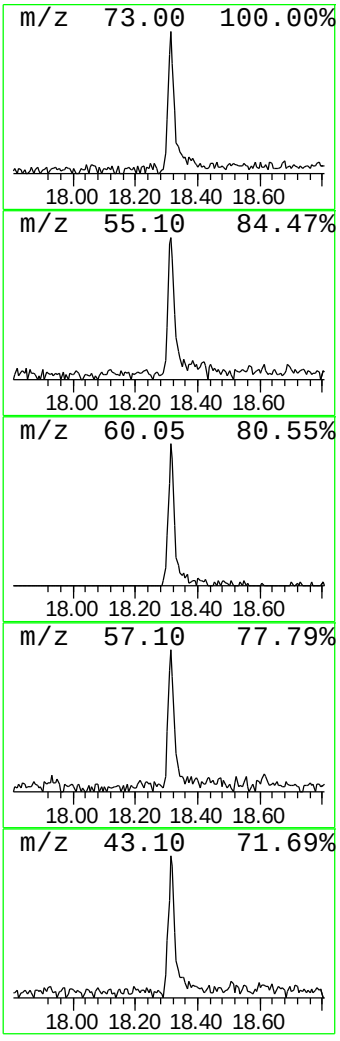
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.39 ng	133166	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043017.D
Acq On : 3 Oct 2019 18:27
Operator : JU
Sample : K5168-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019071-SS-COMPOSITE-11

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
Cyclopentane, met...	3.17	7.7	ng	173898	1	8.07	451609	20.0
Butane, 2-methoxy...	3.25	13.2	ng	297788	1	8.07	451609	20.0
unknown7.61	7.61	119.1	ng	2689900	1	8.07	451609	20.0
n-Hexadecanoic acid	18.31	2.4	ng	133166	4	17.43	1115750	20.0