LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

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-BG012919.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	3.223	18	23	31	rBV	80854	158542	3.69%	0.695%
2	3.294	31	35	44	rVB	51134	80480	1.87%	0.353%
3	5.714	439	447	457	rBV	1028169	1691478	39.33%	7.415%
4	7.312	711	719	735	rBV	1102578	1942917	45.18%	8.517%
5	7.694	776	784	794	rBV	1031363	1773927	41.25%	7.776%
6	8.170	857	865	877	rVB	182264	321919	7.49%	1.411%
7	8.493	911	920	929	rBV	705321	1248907	29.04%	5.475%
8	9.344	1055	1065	1075	rBV	613908	1122860	26.11%	4.922%
9	10.989	1337	1345	1352	rBV	242500	445614	10.36%	1.953%
10	13.415	1750	1758	1770	rBV	1672057	2642558	61.45%	11.584%
11	14.232	1892	1897	1902	rBV	72493	103886	2.42%	0.455%
12	14.790	1985	1992	2001	rBV2	422806	663918	15.44%	2.910%
13	16.276	2238	2245	2262	rBV	1452662	2271302	52.82%	9.957%
14	17.533	2452	2459	2471	rBV	594500	893832	20.78%	3.918%
15	18.385	2599	2604	2613	rBV2	99125	168469	3.92%	0.739%
16	20.124	2894	2900	2912	rBV	3089308	4300389	100.00%	18.852%
17	21.416	3114	3120	3136	rBV	211322	463050	10.77%	2.030%
18	21.822	3182	3189	3200	rBV2	663031	1096772	25.50%	4.808%
19	22.597	3316	3321	3326	rBV3	31488	52098	1.21%	0.228%
20	23.320	3438	3444	3449	rBV	37729	65191	1.52%	0.286%
21	24.160	3581	3587	3592	rVB	38594	69552	1.62%	0.305%
22	25.199	3747	3764	3777	rBV3	353447	1148372	26.70%	5.034%
23	26.333	3949	3957	3970	rVB5	27992	85494	1.99%	0.375%

Sum of corrected areas: 22811527

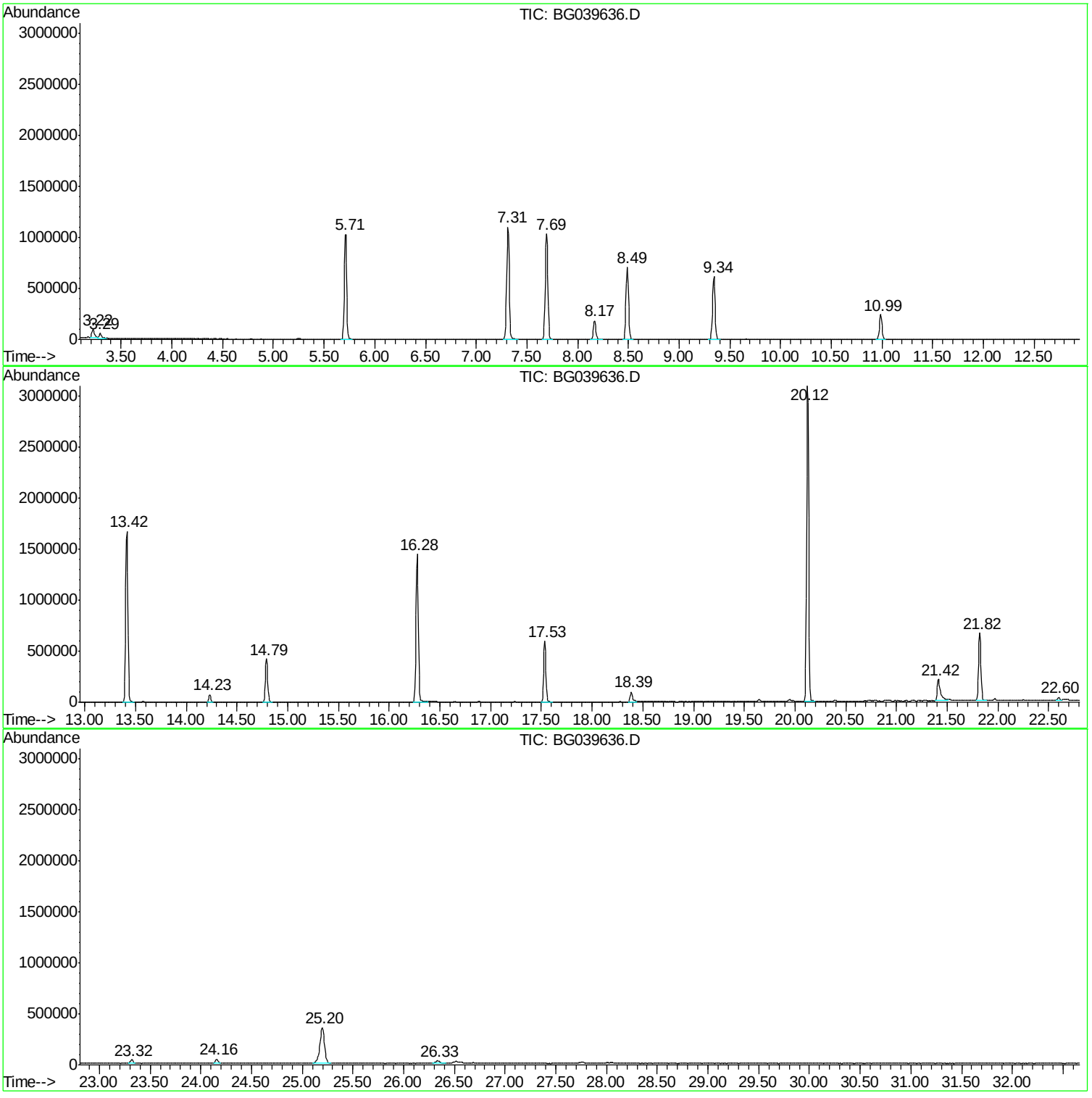
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

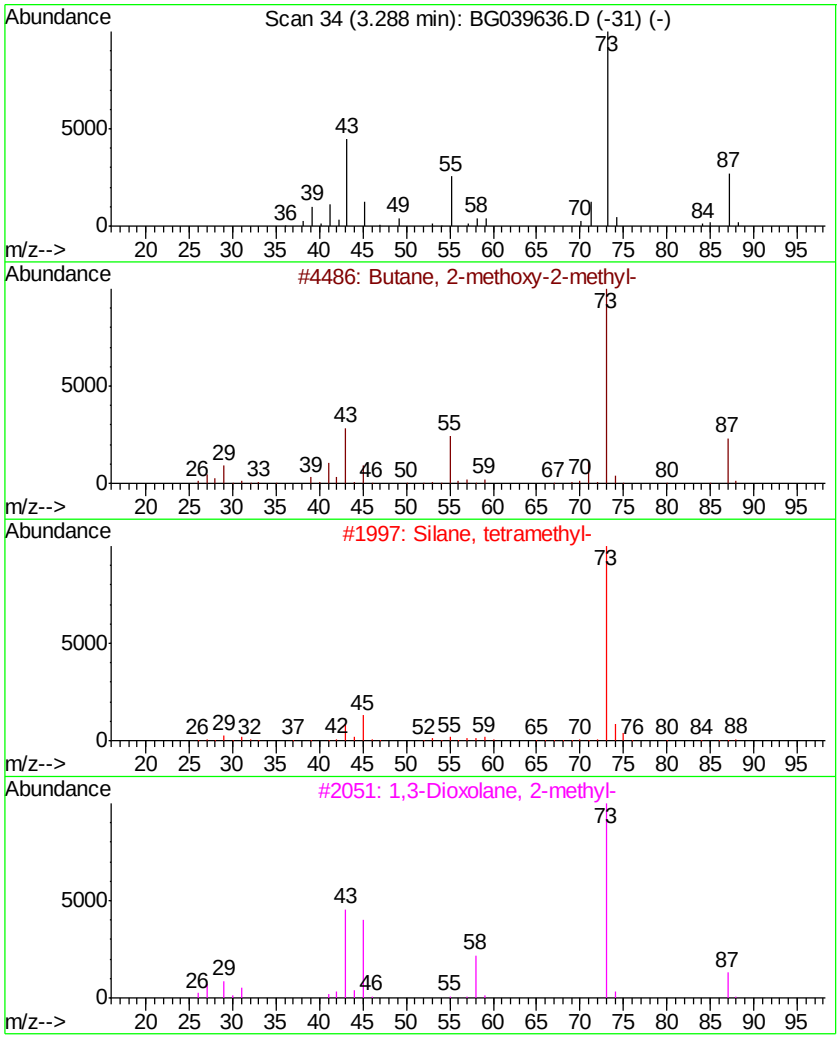
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

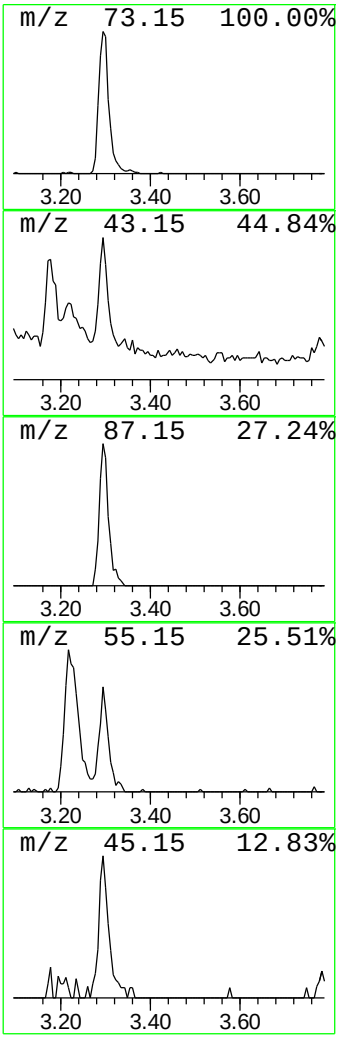
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	5.00 ng	80480	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	3-Nitropropanoic acid	119	C3H5NO4	000504-88-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

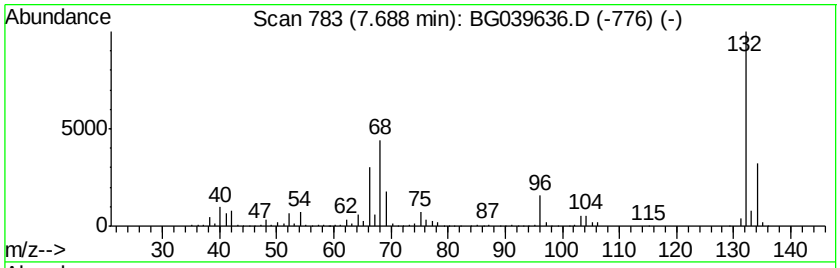
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

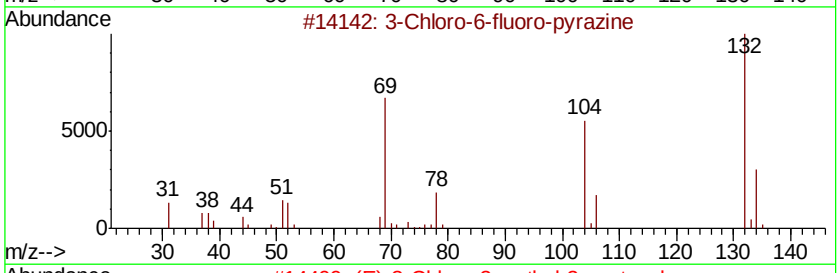
****

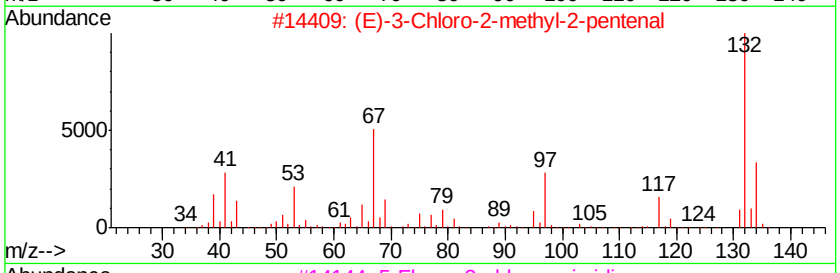
Peak Number 3 unknown7.69 Concentration Rank 1

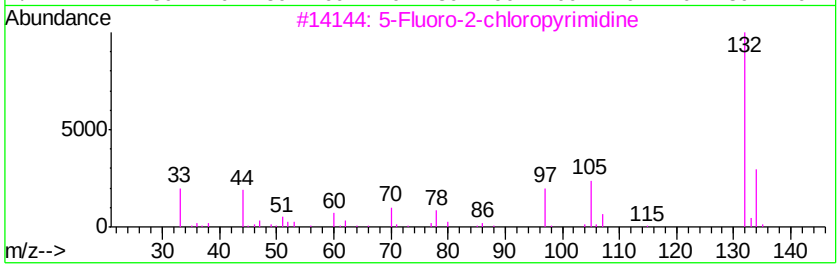
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	110.21 ng	1773930	1,4-Dichlorobenzene-d4	8.17

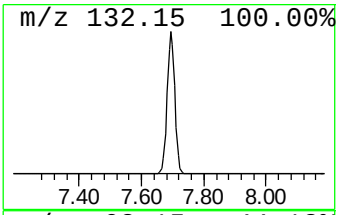
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10

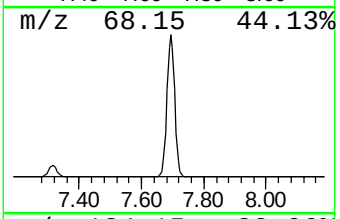


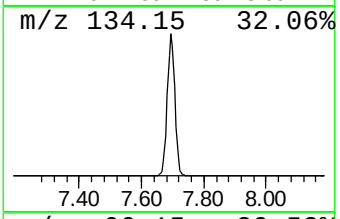


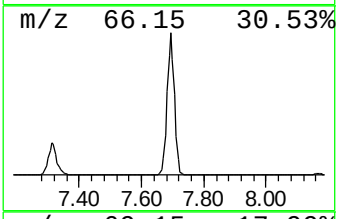


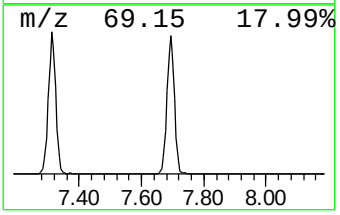












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

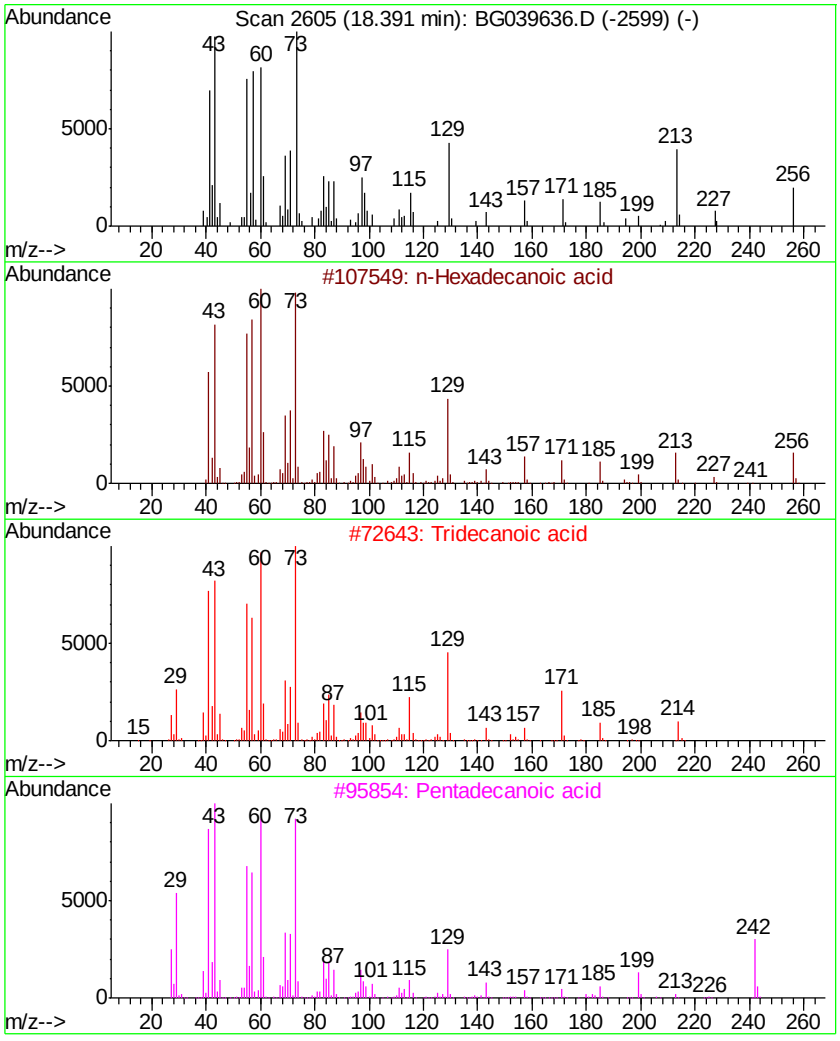
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

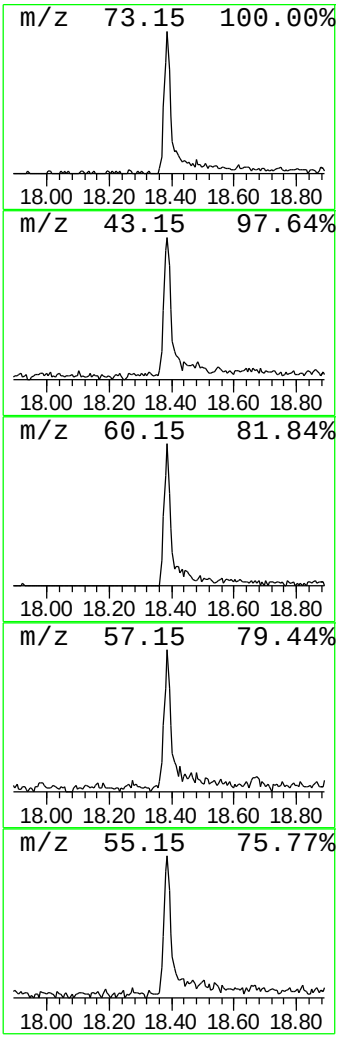
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.77 ng	168469	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

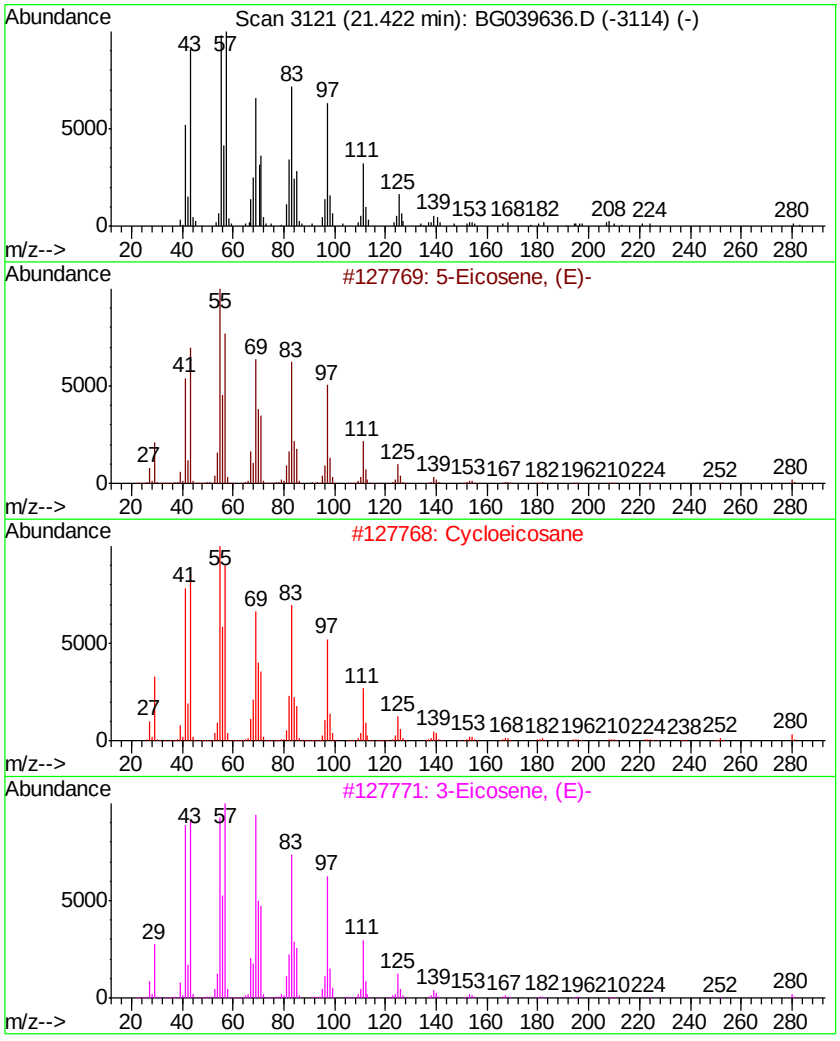
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

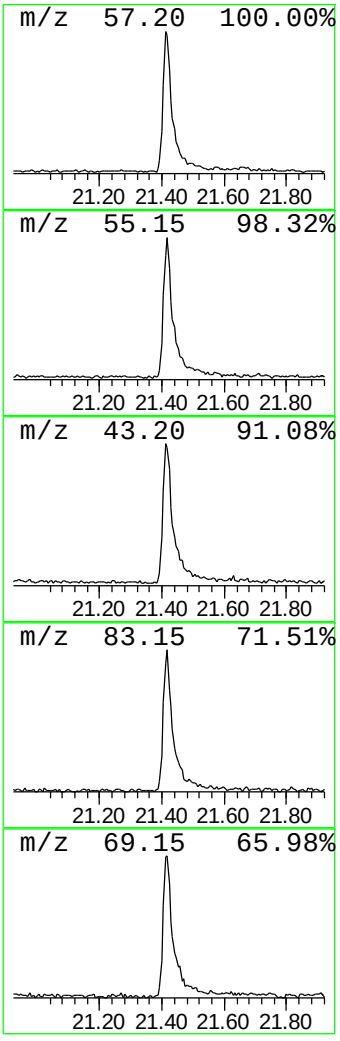
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	8.44 ng	463050	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Cycloeicosane	280	C20H40	000296-56-0	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	1-Docosene	308	C22H44	001599-67-3	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
Data File : BG039636.D
Acq On : 27 Feb 2019 15:59
Operator : JU/SJ
Sample : K1594-40
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-9(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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...	3.29	5.0	ng	80480	1	8.17	321919	20.0
unknown7.69	7.69	110.2	ng	1773930	1	8.17	321919	20.0
n-Hexadecanoic acid	18.39	3.8	ng	168469	4	17.53	893832	20.0
5-Eicosene, (E)-	21.42	8.4	ng	463050	5	21.82	1096770	20.0