LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P002-SS001-01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	29	32	40	rVB	13053	16694	0.25%	0.173%
2	3.175	53	57	61	rBV	9552	13705	0.21%	0.142%
3	3.251	66	70	76	rVB	11809	15436	0.23%	0.160%
4	7.329	757	764	773	rVB	49122	91516	1.37%	0.951%
5	7.447	776	784	792	rBV	37101	62280	0.94%	0.647%
6	7.670	817	822	828	rBV	50695	84592	1.27%	0.879%
7	8.122	893	899	907	rVB	51444	87507	1.31%	0.909%
8	8.716	993	1000	1012	rBV3	11227	20926	0.31%	0.217%
9	8.857	1018	1024	1033	rBV2	62403	107952	1.62%	1.122%
10	9.291	1091	1098	1110	rVB2	51561	94291	1.42%	0.980%
11	10.014	1214	1221	1229	rBV2	46663	83532	1.25%	0.868%
12	10.249	1256	1261	1265	rVB4	6647	10810	0.16%	0.112%
13	10.584	1312	1318	1325	rBV	62230	111630	1.68%	1.160%
14	10.937	1371	1378	1384	rBV	77922	138066	2.07%	1.434%
15	11.072	1392	1401	1409	rBV	47744	90554	1.36%	0.941%
16	12.123	1576	1580	1584	rVB3	6534	11350	0.17%	0.118%
17	12.311	1608	1612	1617	rBV3	4581	6921	0.10%	0.072%
18	13.016	1728	1732	1735	rBV3	8578	11164	0.17%	0.116%
19	13.533	1818	1820	1824	rBV3	6042	7601	0.11%	0.079%
20	14.098	1907	1916	1941	rBV	2162808	6657065	100.00%	69.162%
21	14.438	1969	1974	1984	rVB	118780	206484	3.10%	2.145%
22	14.738	2021	2025	2033	rVB2	106944	163039	2.45%	1.694%
23	14.944	2055	2060	2066	rVB	135322	190077	2.86%	1.975%
24	15.014	2069	2072	2079	rVV3	30489	50904	0.76%	0.529%
25	15.725	2188	2193	2198	rBV	153250	223079	3.35%	2.318%
26	15.843	2210	2213	2220	rVB	44799	61190	0.92%	0.636%
27	16.330	2287	2296	2306	rBV	260689	720466	10.82%	7.485%
28	17.476	2488	2491	2495	rVB	111726	133213	2.00%	1.384%
29	17.576	2505	2508	2512	rVB	127654	153259	2.30%	1.592%

Sum of corrected areas: 9625303

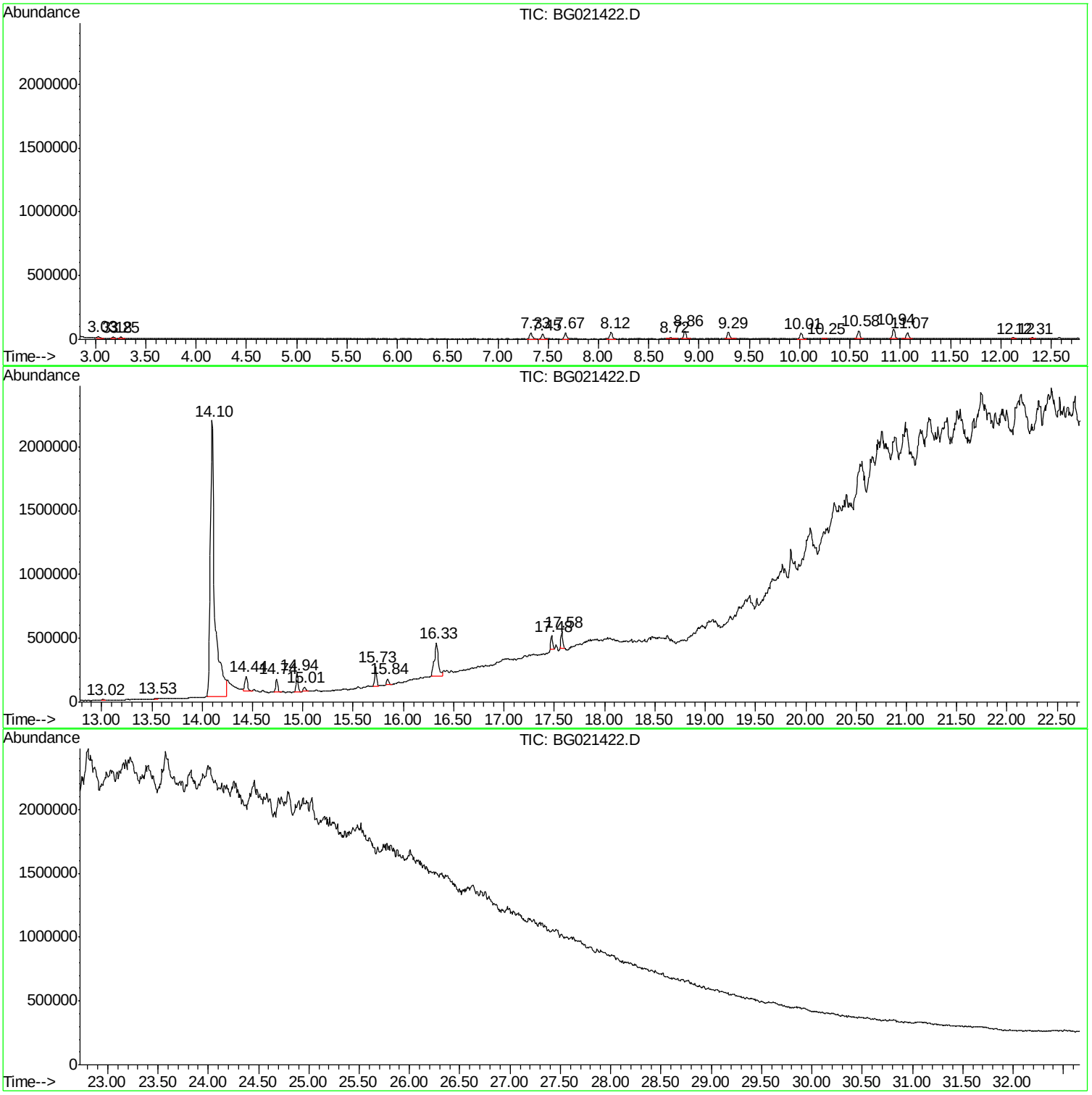
LSC Report - Integrated Chromatogram

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

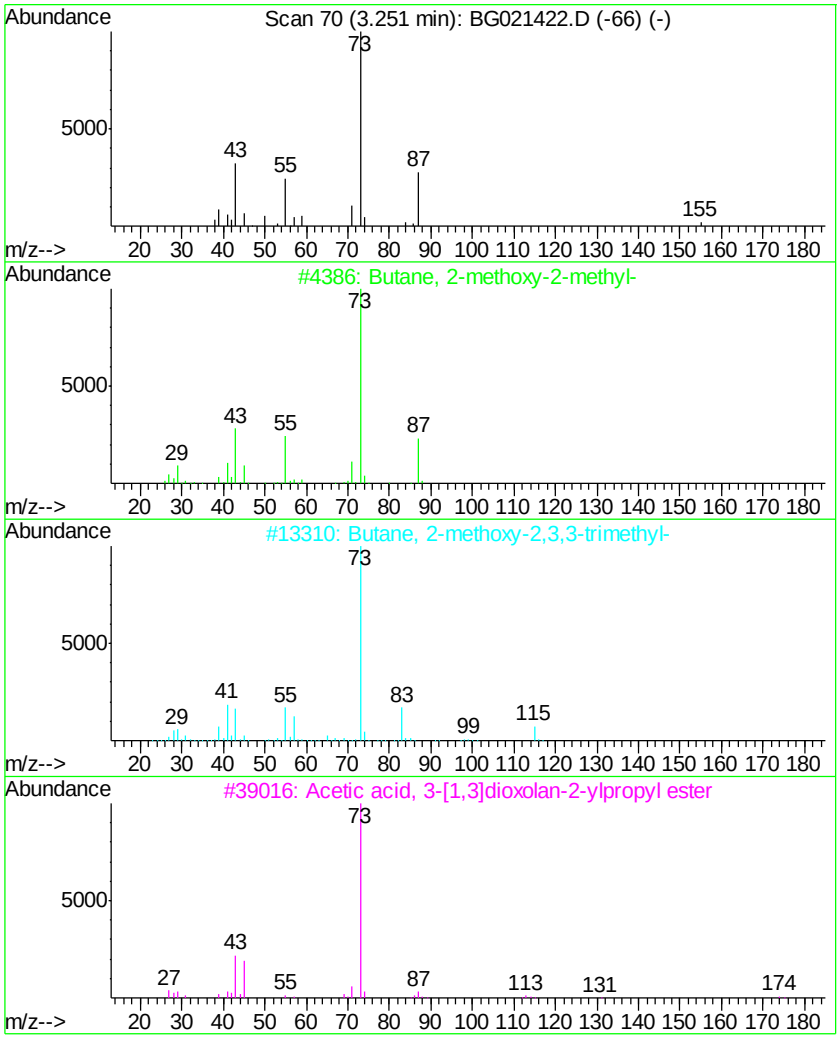
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

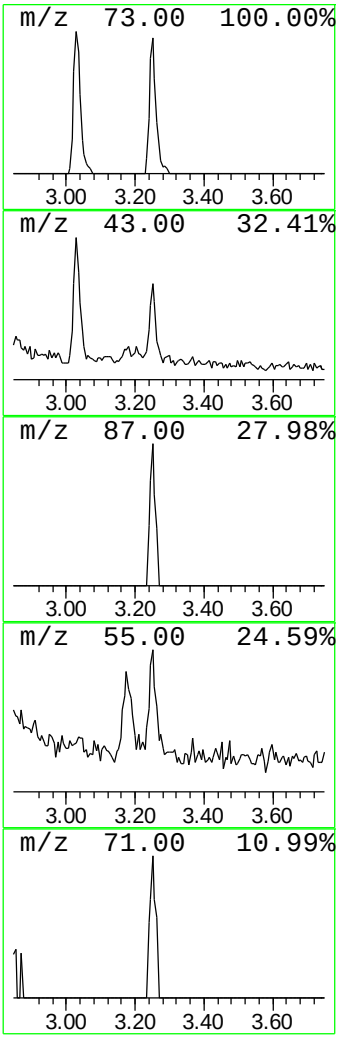
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	3.53 ng/ul	15436	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	9





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

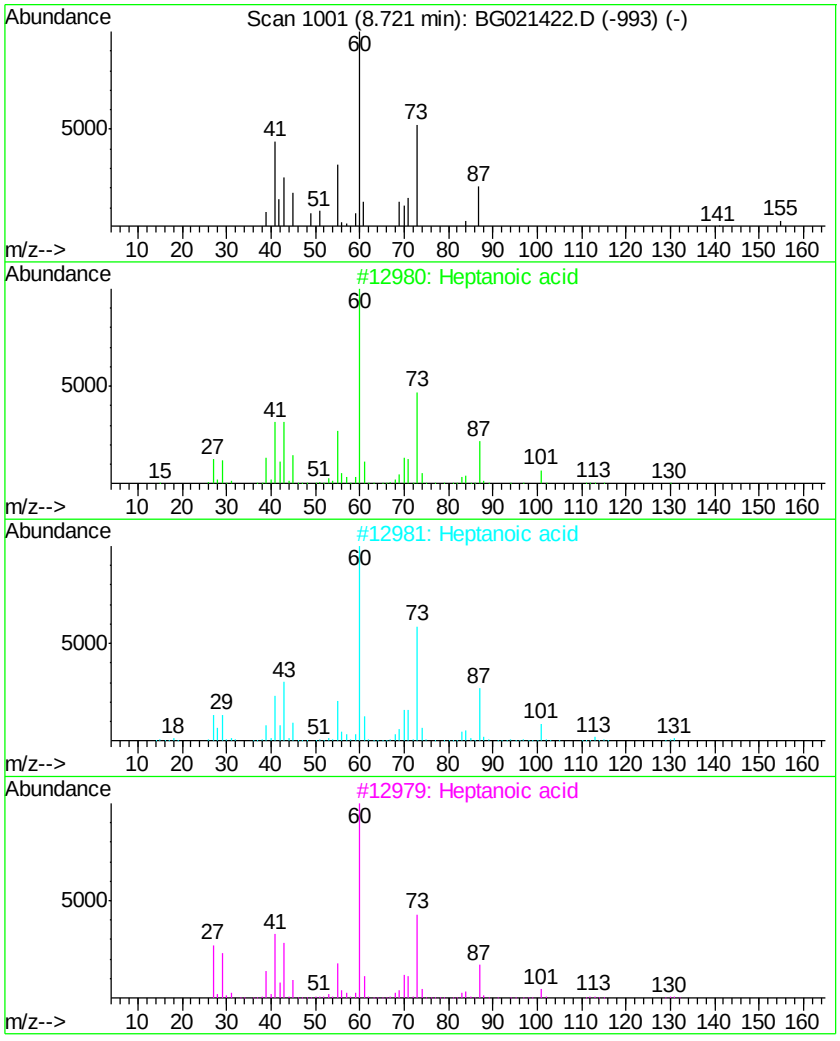
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

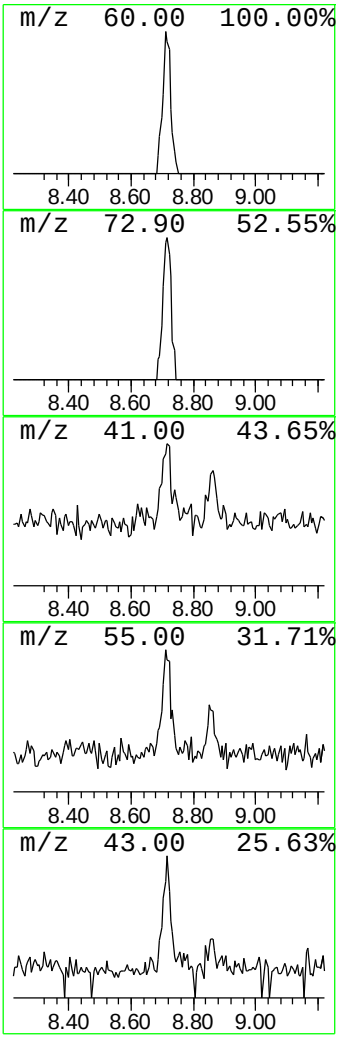
****

Peak Number 4 Heptanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	4.78 ng/ul	20926	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	78
2	Heptanoic acid	130	C7H14O2	000111-14-8	78
3	Heptanoic acid	130	C7H14O2	000111-14-8	64
4	Heptanoic acid	130	C7H14O2	000111-14-8	64
5	D-Allose	180	C6H12O6	002595-97-3	53





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

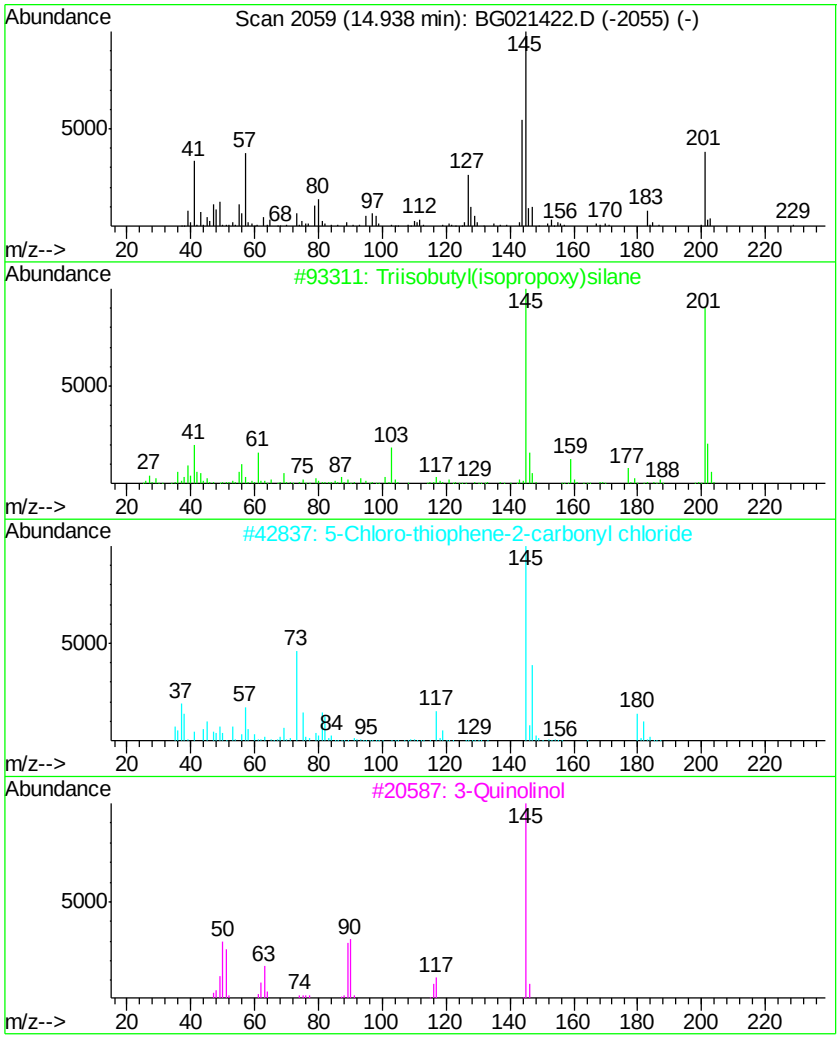
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

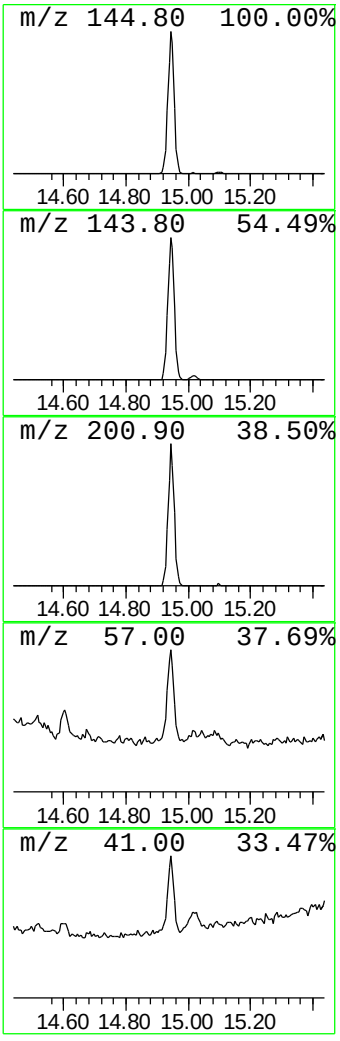
****

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	23.32 ng/ul	190077	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triisobutyl(isopropoxy)silane	258	C15H34OSi	1000282-17-6	25
2	5-Chloro-thiophene-2-carbonyl ch...	180	C5H2Cl2OS	1000296-93-2	17
3	3-Quinolinol	145	C9H7NO	000580-18-7	12
4	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	12
5	3-Butyl-4-phenyl-hept-1-en-5-yn-...	242	C17H22O	1000192-75-9	10





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

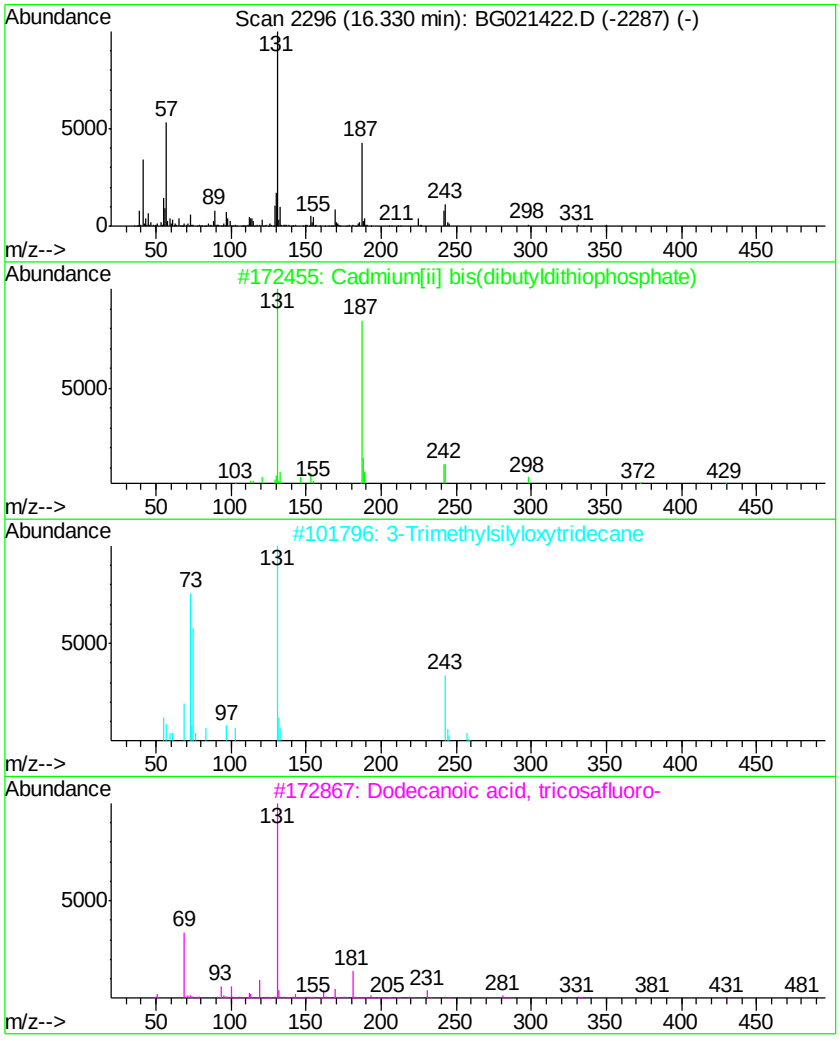
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

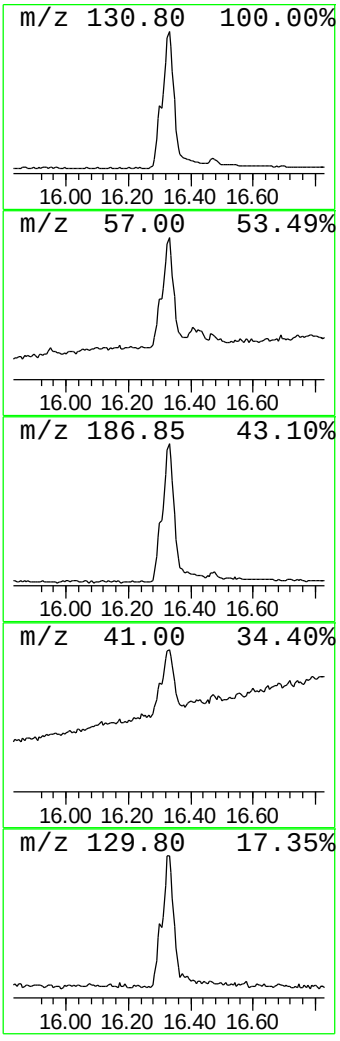
****

Peak Number 6 Cadmium[ii] bis(dibutyldith... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	108.17 ng/ul	720466	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cadmium[ii] bis(dibutyldithiopho...	596	C16H36CdO4P2S4	043159-11-1	56
2	3-Trimethylsilyloxytridecane	272	C16H36OSi	122826-00-0	20
3	Dodecanoic acid, tricosafluoro-	614	C12HF23O2	000307-55-1	17
4	Hexanedioic acid, octafluoro-	290	C6H2F8O4	000336-08-3	17
5	Hydrocinnamic acid, o-[(1,2,3,4-...	294	C20H22O2	023804-21-9	12





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021422.D
Acq On : 11 Mar 2016 16:49
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.25	3.5	ng/ul	15436	1	8.12	87507	20.0
Heptanoic acid	8.72	4.8	ng/ul	20926	1	8.12	87507	20.0
unknown-01	14.94	23.3	ng/ul	190077	3	14.74	163039	20.0
Cadmium[ii] bis(d...	16.33	108.2	ng/ul	720466	4	17.48	133213	20.0