LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM102016.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	3.987	233	238	247	rBV	129666	190922	2.58%	0.390%
2	6.910	729	735	746	rVB	137212	263561	3.57%	0.539%
3	7.069	756	762	774	rBV	514077	812190	10.99%	1.661%
4	7.263	789	795	807	rVB	563421	934251	12.65%	1.911%
5	7.728	867	874	879	rBV	666222	1078271	14.60%	2.205%
6	7.786	879	884	897	rVB	320223	526263	7.12%	1.076%
7	8.322	966	975	988	rBV	70585	146021	1.98%	0.299%
8	8.433	988	994	1010	rVV	414849	725051	9.82%	1.483%
9	8.880	1063	1070	1078	rBV	639018	1104666	14.95%	2.259%
10	8.951	1078	1082	1087	rVB	49592	80131	1.08%	0.164%
11	9.598	1185	1192	1206	rBV	523157	907627	12.29%	1.856%
12	9.798	1216	1226	1231	rBV	94236	207188	2.80%	0.424%
13	9.851	1231	1235	1242	rVV3	58410	120482	1.63%	0.246%
14	9.922	1242	1247	1254	rVB2	130694	222421	3.01%	0.455%
15	10.133	1276	1283	1298	rBV	656445	1391693	18.84%	2.846%
16	10.280	1301	1308	1319	rVB	75015	150923	2.04%	0.309%
17	10.504	1339	1346	1353	rBV	823753	1414534	19.15%	2.893%
18	10.657	1364	1372	1384	rVB7	30509	81320	1.10%	0.166%
19	13.251	1806	1813	1818	rBV	120925	187563	2.54%	0.384%
20	13.310	1818	1823	1831	rVB3	33459	78586	1.06%	0.161%
21	13.774	1895	1902	1910	rBV	1477290	2077024	28.12%	4.248%
22	14.051	1937	1949	1962	rBV	1640274	2676297	36.23%	5.474%
23	14.357	1994	2001	2008	rBV	1208794	1806963	24.46%	3.696%
24	14.610	2039	2044	2057	rBV3	48356	155844	2.11%	0.319%
25	15.357	2163	2171	2180	rBV	2134906	3126718	42.33%	6.395%
26	15.498	2187	2195	2209	rBV	501536	829190	11.22%	1.696%
27	15.762	2236	2240	2248	rBV	126166	182405	2.47%	0.373%
28	17.109	2462	2469	2479	rBV	1466141	2104708	28.49%	4.305%
29	17.209	2479	2486	2501	rVV	2265085	3357606	45.45%	6.867%
30	17.833	2587	2592	2599	rBV2	58003	101531	1.37%	0.208%
31	19.139	2810	2814	2820	rBV3	57100	106831	1.45%	0.219%
32	19.503	2870	2876	2888	rBV	2935321	4194626	56.78%	8.579%
33	20.262	2997	3005	3029	rBV	4224188	7387089	100.00%	15.109%
34	21.297	3176	3181	3187	rBV	2184890	2875995	38.93%	5.882%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM102016.M
Title : SVOA CALIBRATION

35	23.397	3532	3538	3550	rVB2	2285001	4418150	59.81%	9.037%
36	23.544	3557	3563	3571	rVB	1489040	2867120	38.81%	5.864%

Sum of corrected areas: 48891761

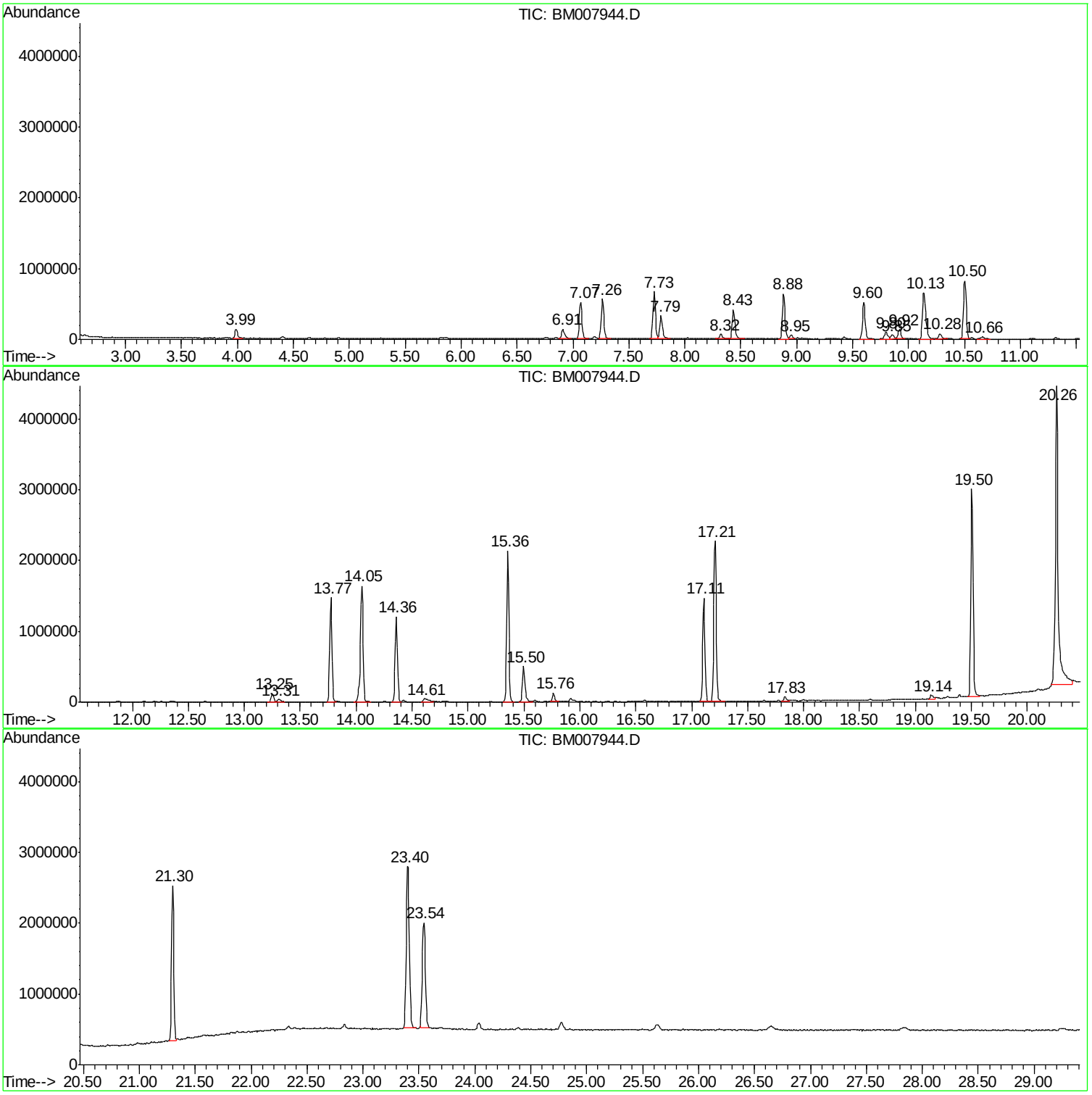
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

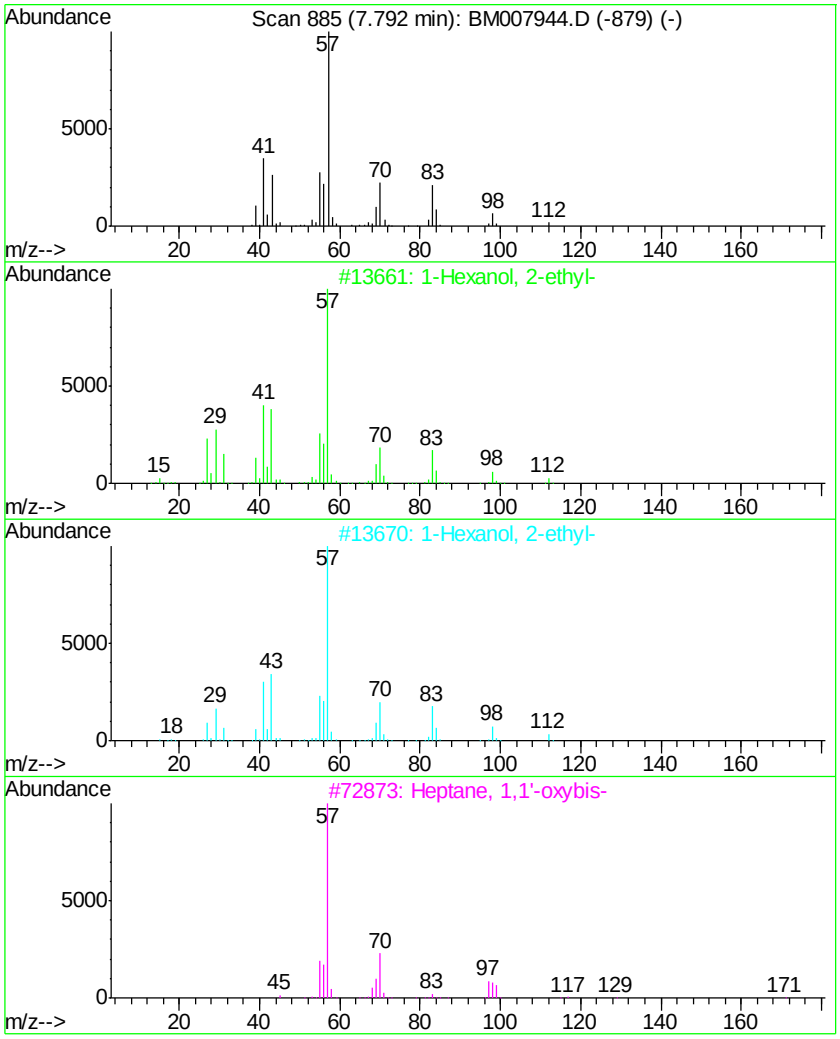
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

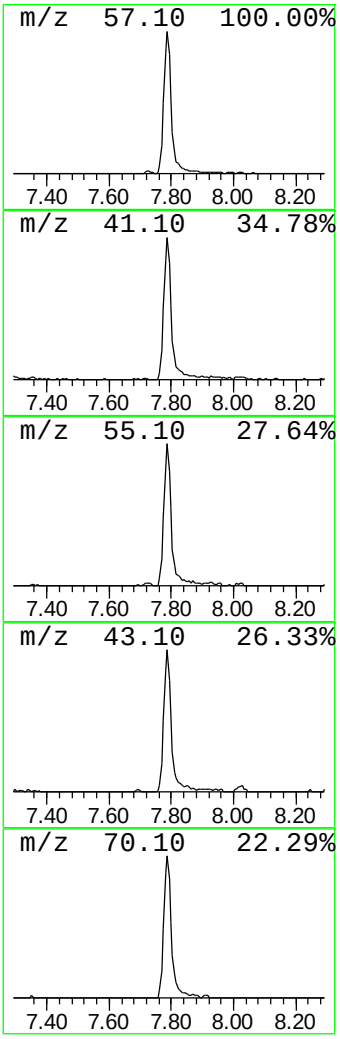
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	9.76 ng/ul	526263	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

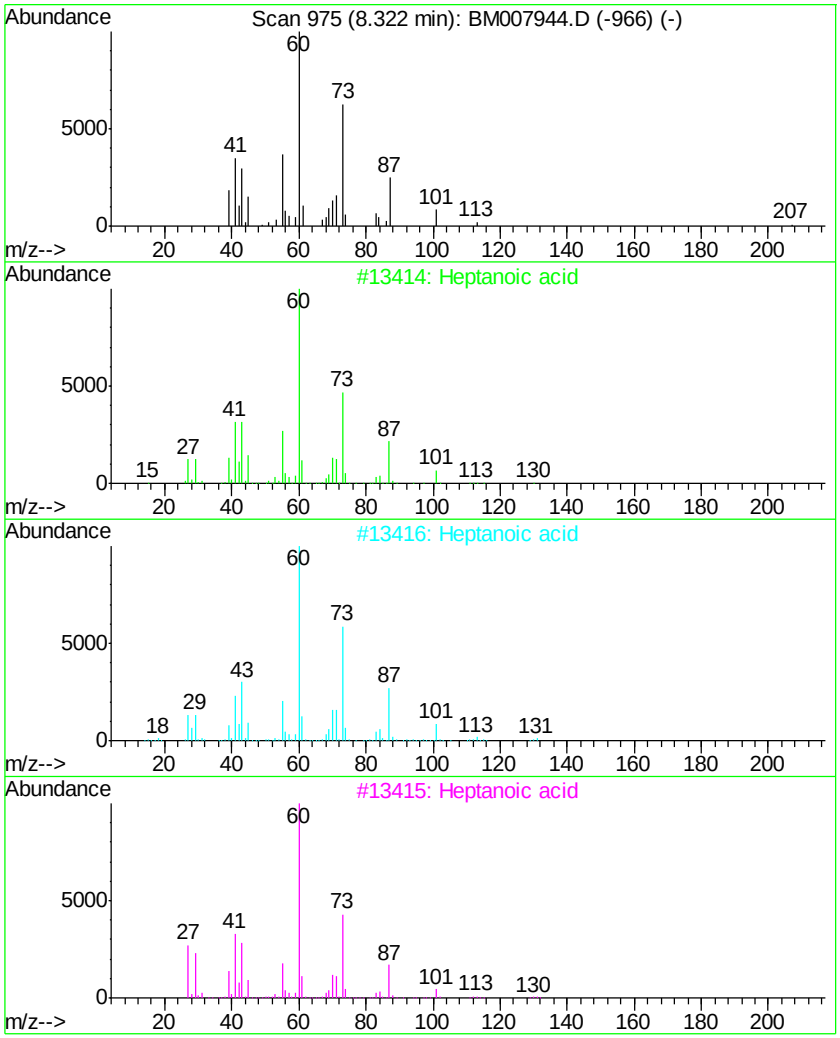
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

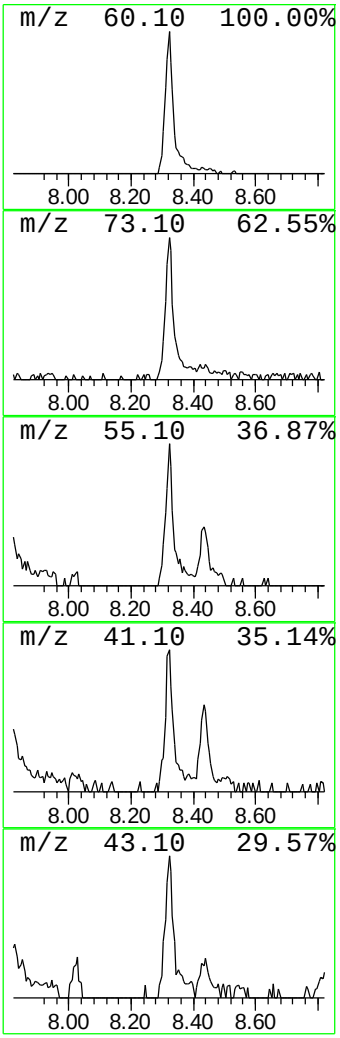
****

Peak Number 3 Heptanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.71 ng/ul	146021	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Heptanoic acid	130	C7H14O2	000111-14-8	83
3	Heptanoic acid	130	C7H14O2	000111-14-8	78
4	Heptanoic acid	130	C7H14O2	000111-14-8	78
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

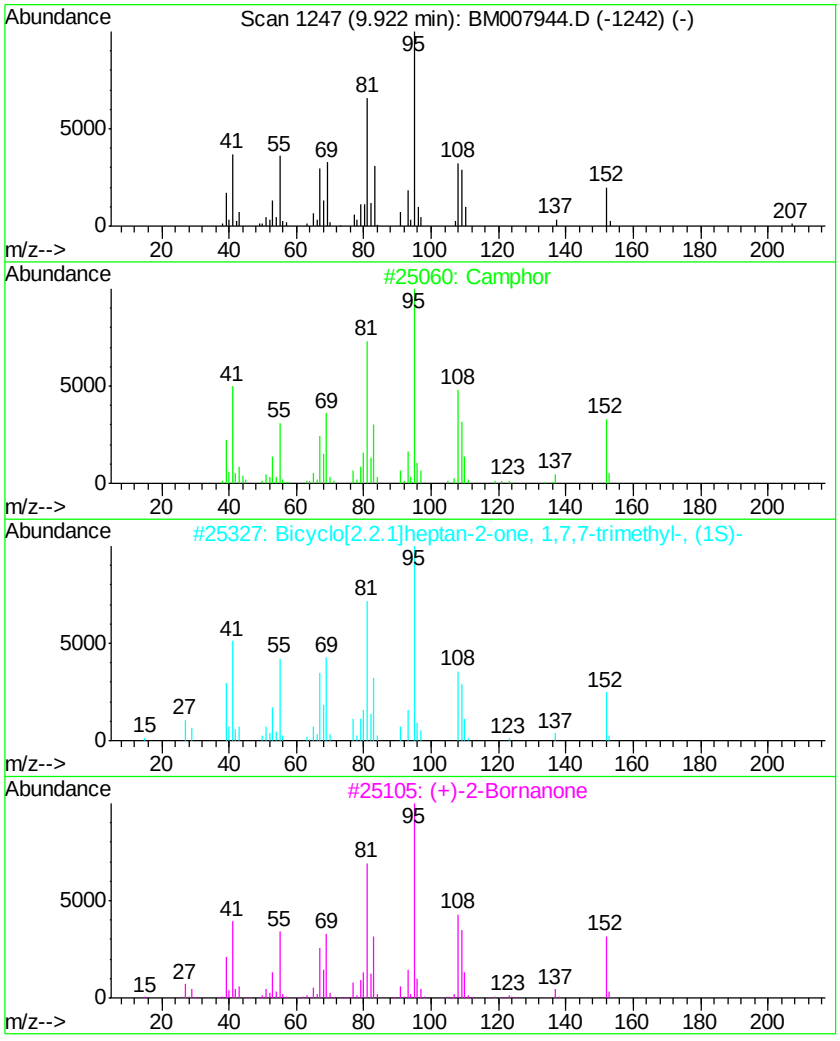
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

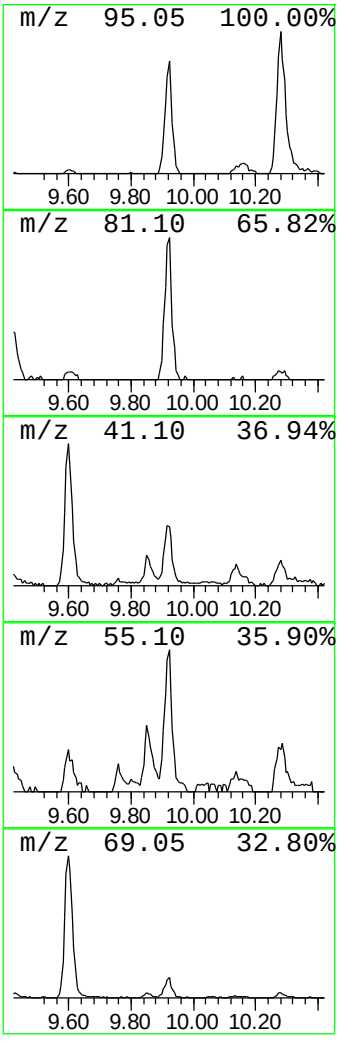
****

Peak Number 5 Camphor Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	3.14 ng/ul	222421	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	97
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	Camphor	152	C10H16O	000076-22-2	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

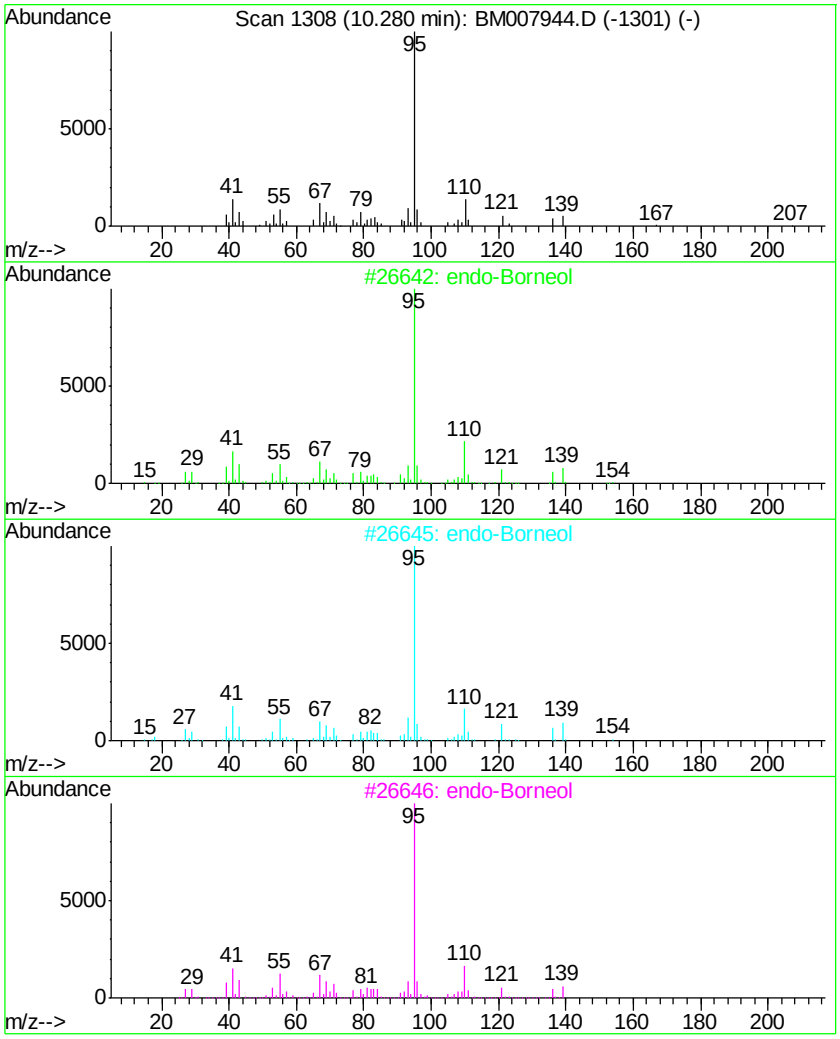
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

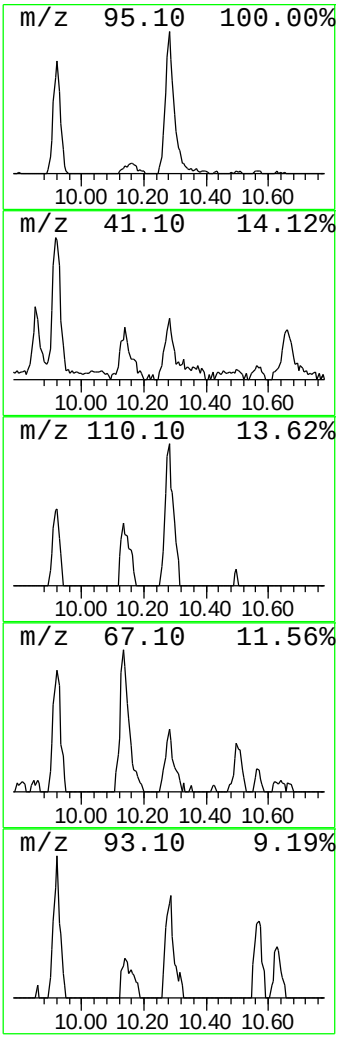
****

Peak Number 6 endo-Borneol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.13 ng/ul	150923	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	83
2	endo-Borneol	154	C10H18O	000507-70-0	83
3	endo-Borneol	154	C10H18O	000507-70-0	78
4	(+)-Borneol	154	C10H18O	1000150-76-3	72
5	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

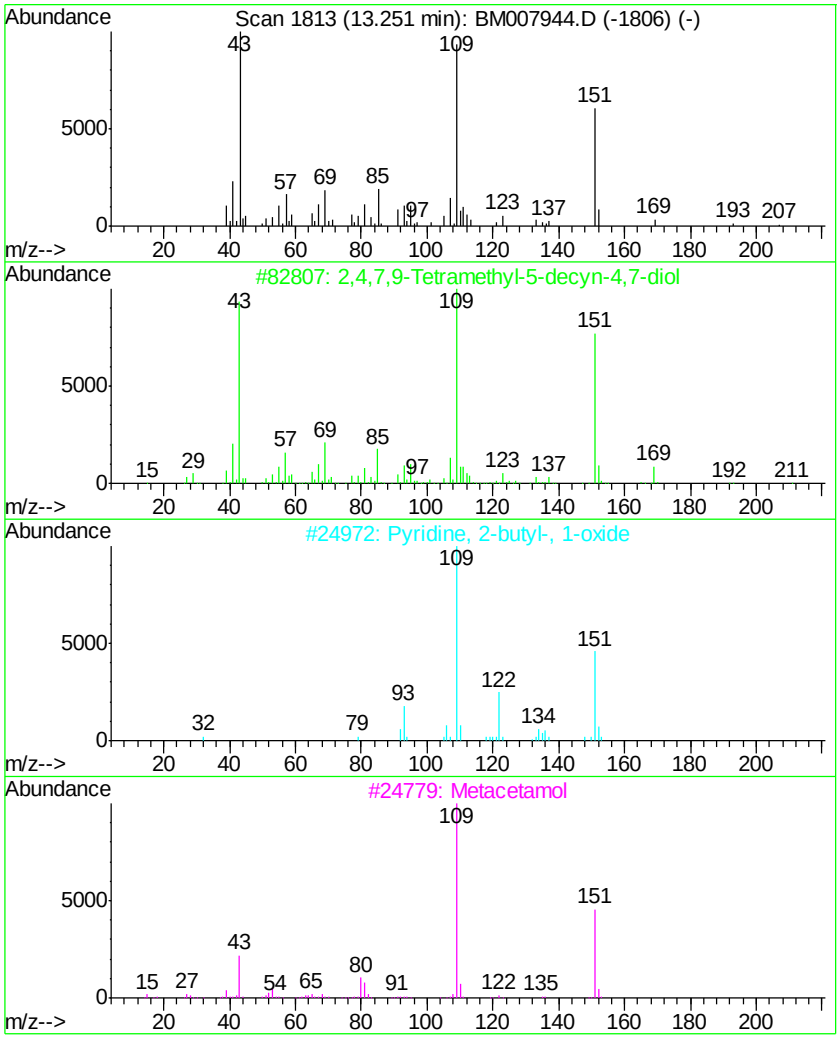
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

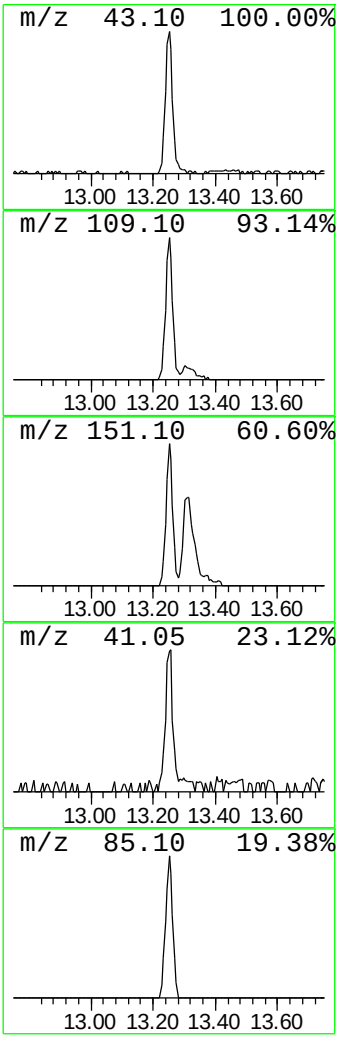
****

Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.08 ng/ul	187563	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	50
3	Metacetamol	151	C8H9NO2	000621-42-1	50
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

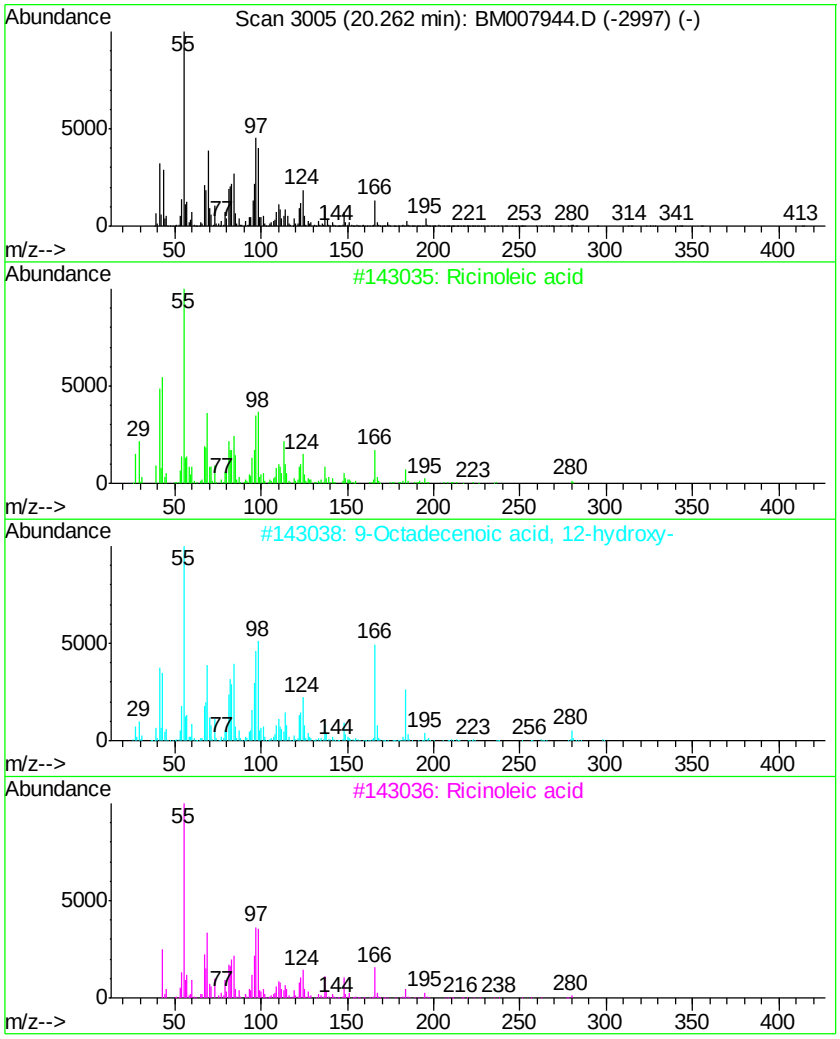
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

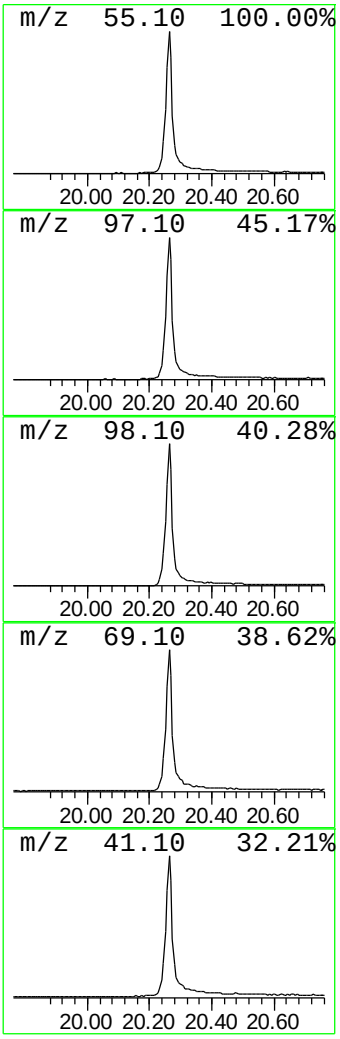
****

Peak Number 8 Ricinoleic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	51.37 ng/ul	7387090	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ricinoleic acid	298	C18H34O3	000141-22-0	72
2	9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	64
3	Ricinoleic acid	298	C18H34O3	000141-22-0	64
4	Ricinoleic acid	298	C18H34O3	000141-22-0	58
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007944.D
Acq On : 17 Nov 2016 17:56
Operator : UM/SJ
Sample : H5622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA 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-Hexanol, 2-ethyl-	7.79	9.8	ng/ul	526263	1	7.73	1078270	20.0
Heptanoic acid	8.32	2.7	ng/ul	146021	1	7.73	1078270	20.0
Camphor	9.92	3.1	ng/ul	222421	2	10.50	1414530	20.0
endo-Borneol	10.28	2.1	ng/ul	150923	2	10.50	1414530	20.0
2,4,7,9-Tetrameth...	13.25	2.1	ng/ul	187563	3	14.36	1806960	20.0
Ricinoleic acid	20.26	51.4	ng/ul	7387090	5	21.30	2876000	20.0