LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R1

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-BM041416.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	4.393	285	290	297	rBV	23010	32693	2.42%	0.242%
2	6.875	695	712	718	rBV	72823	225164	16.64%	1.669%
3	6.975	723	729	738	rVB	49208	80797	5.97%	0.599%
4	7.140	751	757	771	rBB	170844	265446	19.61%	1.968%
5	7.340	785	791	800	rVB	186646	289747	21.41%	2.148%
6	7.810	865	871	878	rBV	186689	301063	22.24%	2.232%
7	8.375	961	967	975	rBB	9896	16440	1.21%	0.122%
8	8.504	984	989	1001	rBV	151227	243379	17.98%	1.804%
9	8.963	1061	1067	1078	rBV	205576	343566	25.38%	2.547%
10	9.122	1089	1094	1098	rBV	9993	13631	1.01%	0.101%
11	9.681	1183	1189	1198	rBB	174818	279498	20.65%	2.072%
12	9.875	1211	1222	1226	rBV	41950	106723	7.89%	0.791%
13	9.934	1226	1232	1245	rVB	48829	96824	7.15%	0.718%
14	10.216	1273	1280	1294	rBV	259035	441553	32.62%	3.273%
15	10.598	1338	1345	1351	rBV	260182	448730	33.15%	3.327%
16	11.404	1474	1482	1493	rBV	77265	147443	10.89%	1.093%
17	12.710	1696	1704	1713	rVB2	13786	28162	2.08%	0.209%
18	13.422	1821	1825	1837	rVB	20858	34802	2.57%	0.258%
19	13.616	1854	1858	1868	rBV	15030	26200	1.94%	0.194%
20	13.851	1892	1898	1906	rBV	512308	706379	52.19%	5.237%
21	14.139	1940	1947	1956	rVB	555033	843973	62.36%	6.257%
22	14.445	1993	1999	2006	rVB2	384209	592316	43.76%	4.391%
23	14.645	2028	2033	2049	rBV2	28842	52981	3.91%	0.393%
24	14.857	2064	2069	2079	rBV	33631	47461	3.51%	0.352%
25	15.439	2162	2168	2180	rVB	737396	1067483	78.87%	7.914%
26	15.557	2182	2188	2195	rBV	238647	316817	23.41%	2.349%
27	17.192	2460	2466	2474	rBV	488075	704722	52.07%	5.224%
28	17.286	2476	2482	2494	rBV	767594	1146123	84.68%	8.497%
29	19.498	2849	2858	2862	rBV2	29312	39417	2.91%	0.292%
30	19.580	2866	2872	2885	rBV	919123	1353446	100.00%	10.034%
31	21.280	3157	3161	3167	rBV	68331	73170	5.41%	0.542%
32	21.374	3171	3177	3188	rVV	695035	896892	66.27%	6.649%
33	23.515	3533	3541	3552	rBV2	680363	1326974	98.04%	9.837%
34	23.656	3558	3565	3575	rVB2	435422	845082	62.44%	6.265%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R1

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-BM041416.M
Title : SVOA CALIBRATION

35	24.174	3649	3653	3661	rVB	14908	28285	2.09%	0.210%
36	24.939	3778	3783	3790	rVB3	12551	25812	1.91%	0.191%

Sum of corrected areas: 13489194

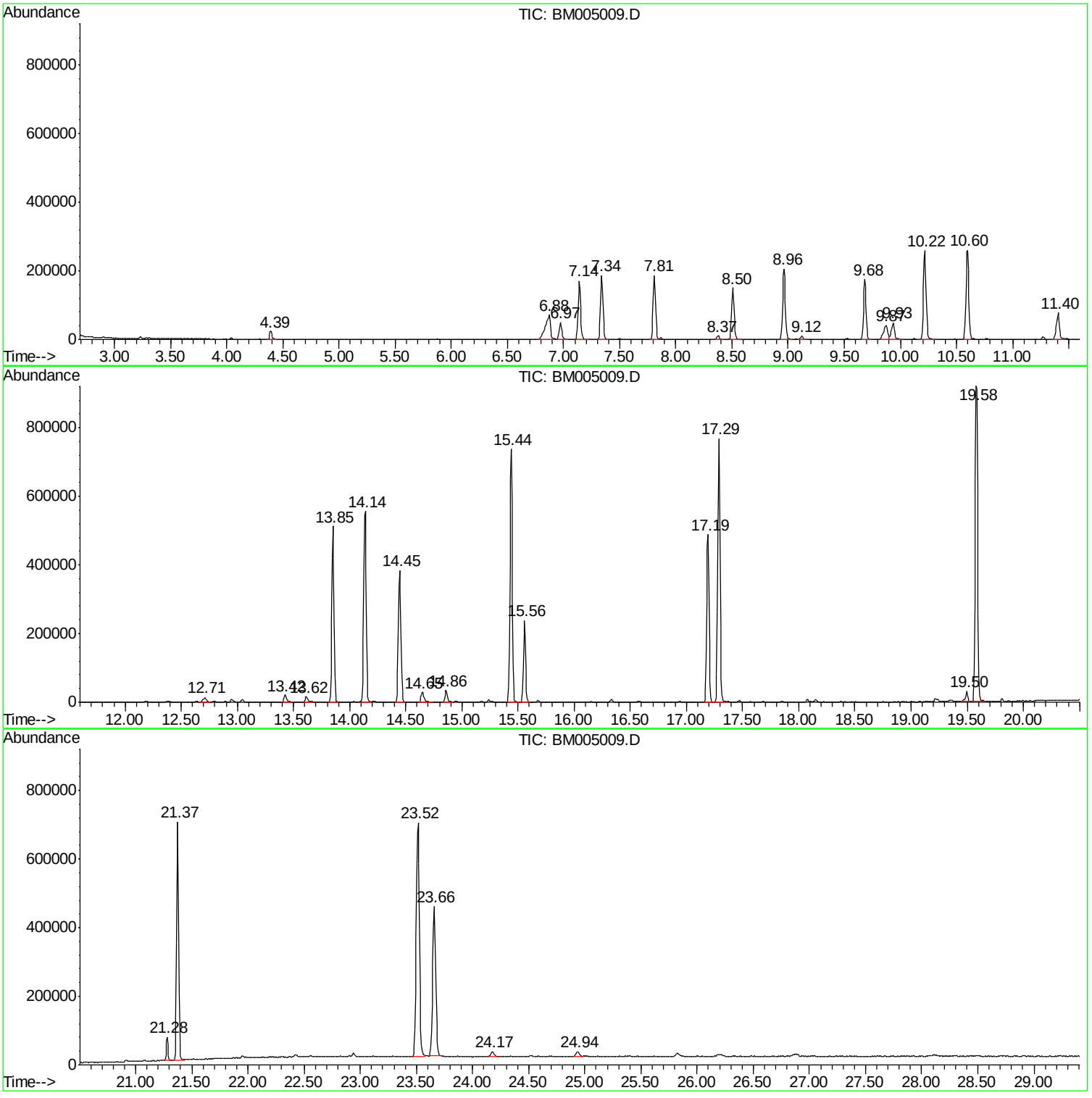
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

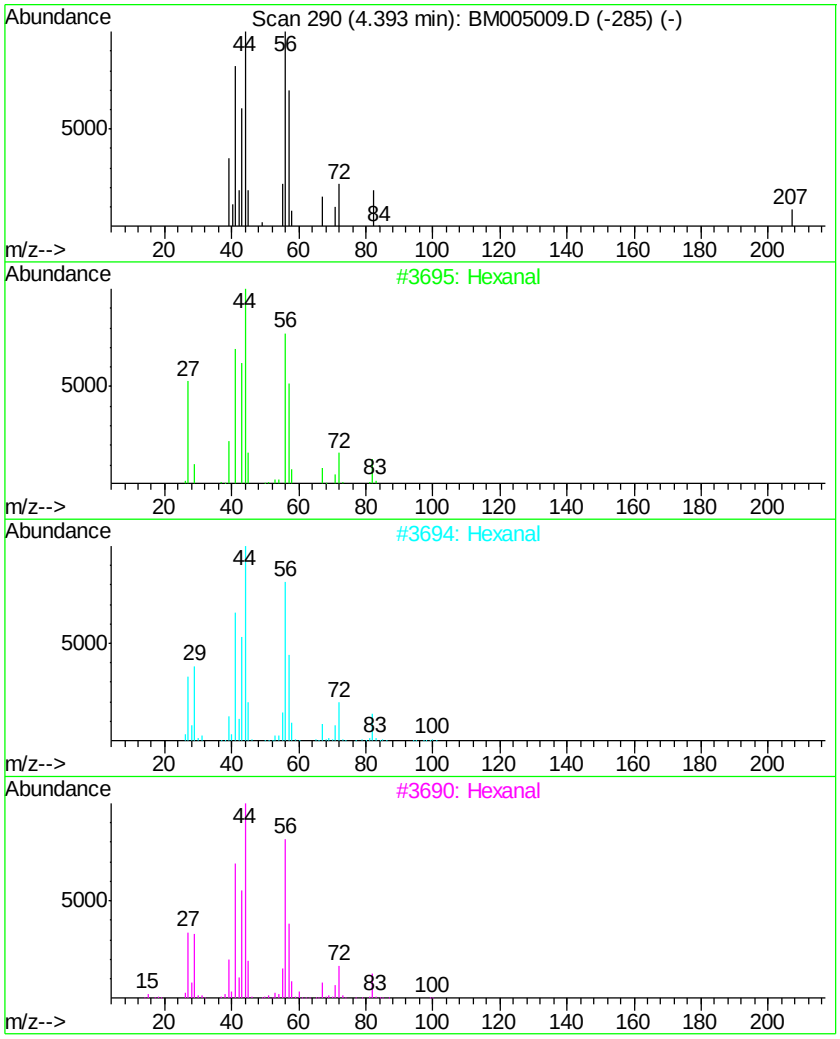
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

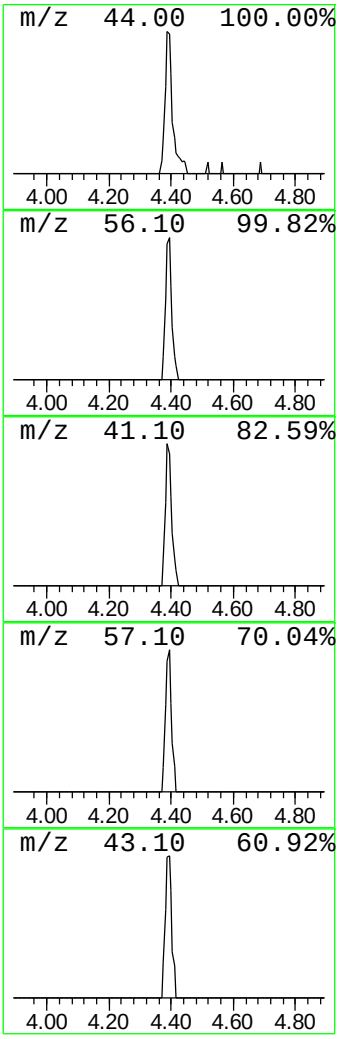
****

Peak Number 1 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.17 ng/ul	32693	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	78
3	Hexanal	100	C6H12O	000066-25-1	59
4	2,3-Dioxabicyclo[2.2.1]heptane	100	C5H8O2	000279-35-6	39
5	Hexanal	100	C6H12O	000066-25-1	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

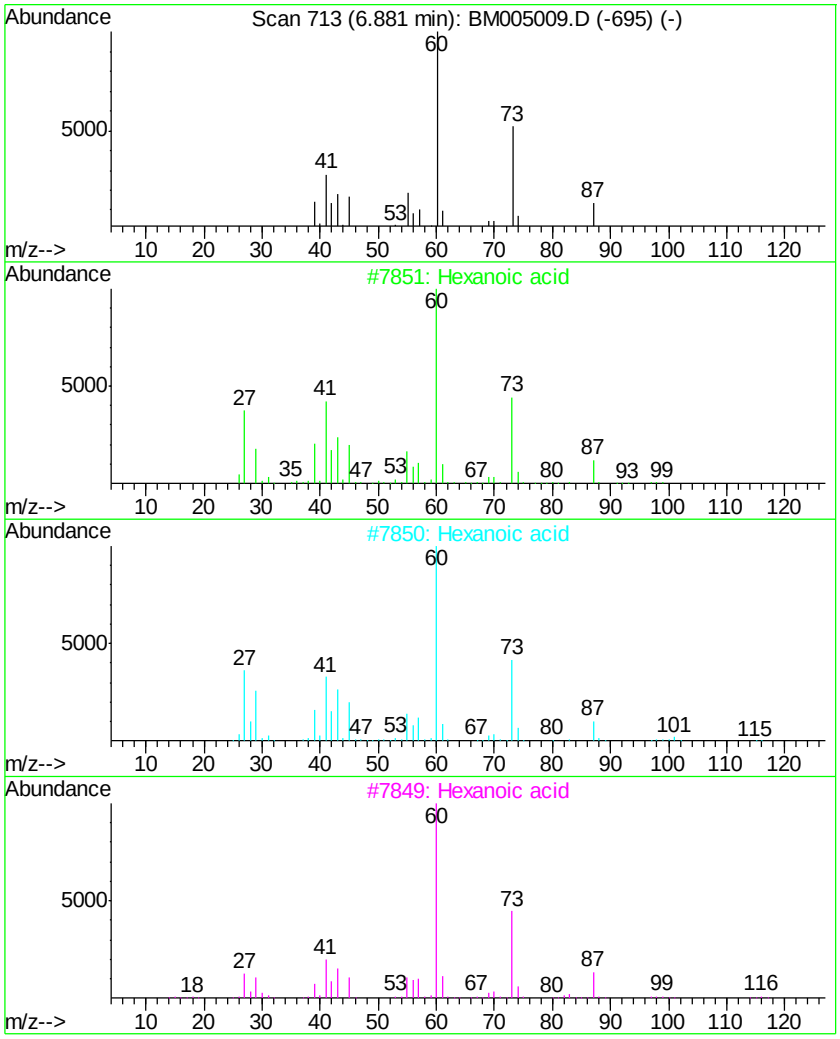
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

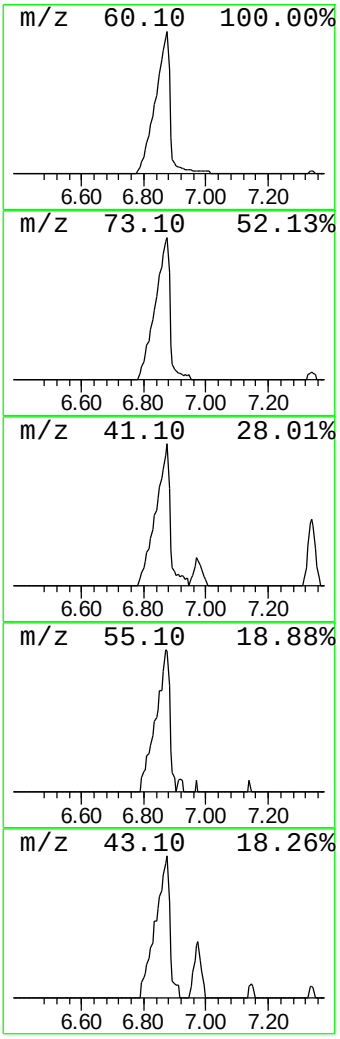
****

Peak Number 2 Hexanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	14.96 ng/ul	225164	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

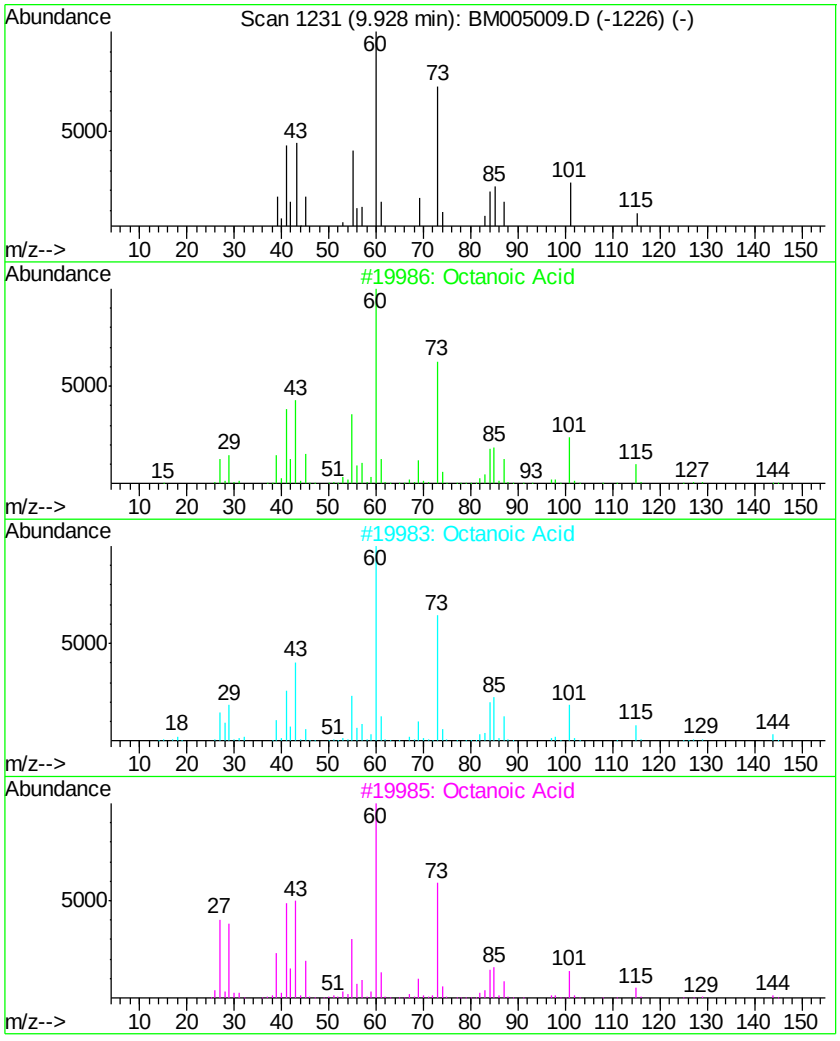
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

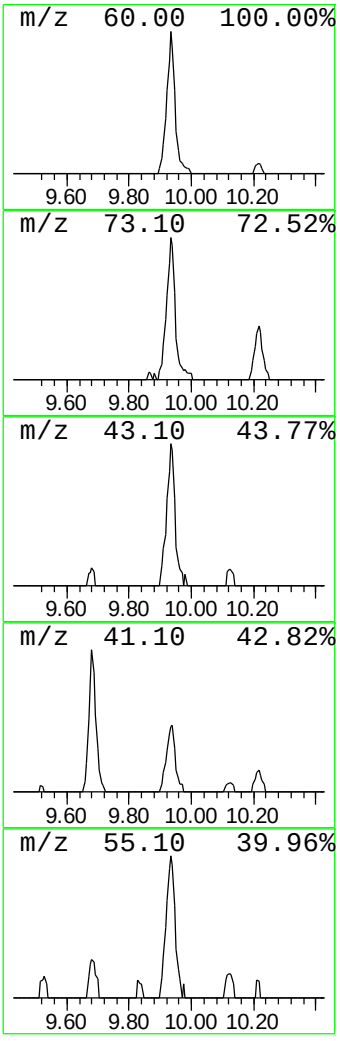
****

Peak Number 4 Octanoic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.32 ng/ul	96824	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	90
2	Octanoic Acid	144	C8H16O2	000124-07-2	72
3	Octanoic Acid	144	C8H16O2	000124-07-2	72
4	Hexanoic acid	116	C6H12O2	000142-62-1	53
5	Hexanoic acid	116	C6H12O2	000142-62-1	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

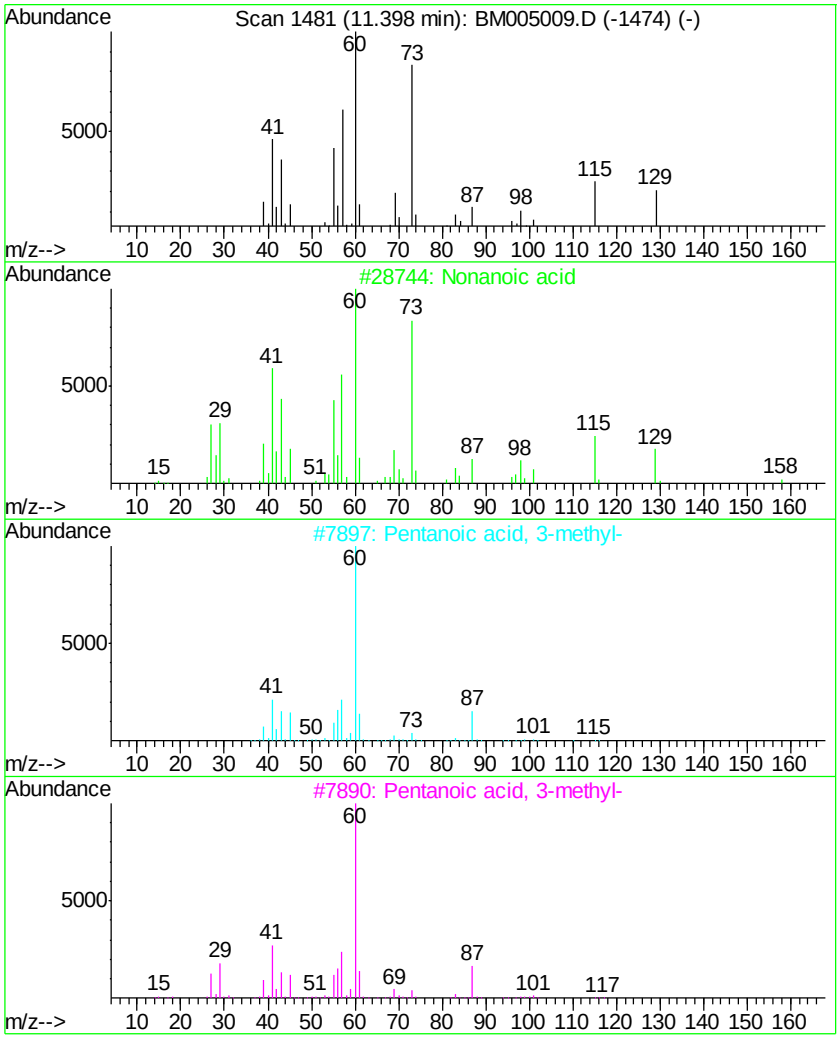
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

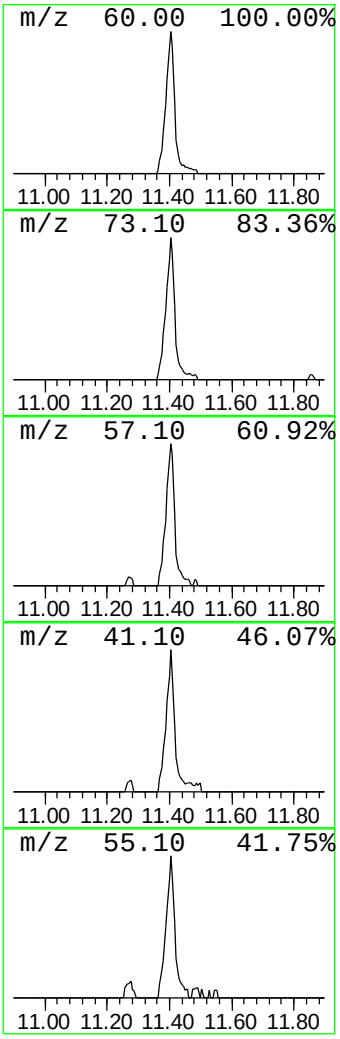
****

Peak Number 5 Nonanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	6.57 ng/ul	147443	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	86
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
4	Pentanoic acid	102	C5H10O2	000109-52-4	40
5	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005009.D
Acq On : 21 Apr 2016 02:57
Operator : UM/SJ
Sample : H2567-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.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
Hexanal	4.39	2.2	ng/ul	32693	1	7.81	301063	20.0
Hexanoic acid	6.88	15.0	ng/ul	225164	1	7.81	301063	20.0
Octanoic Acid	9.93	4.3	ng/ul	96824	2	10.60	448730	20.0
Nonanoic acid	11.40	6.6	ng/ul	147443	2	10.60	448730	20.0