LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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	2.828	21	24	30	rVB	11315	14598	1.02%	0.098%
2	3.281	96	101	108	rBV2	36099	53373	3.71%	0.360%
3	4.393	284	290	295	rBV2	16717	22353	1.55%	0.151%
4	6.904	695	717	723	rBV	110979	430867	29.97%	2.905%
5	6.975	723	729	736	rVB	56433	93933	6.53%	0.633%
6	7.140	751	757	765	rBV	181575	279474	19.44%	1.884%
7	7.340	785	791	802	rVB	199053	311991	21.70%	2.103%
8	7.810	865	871	877	rBV	186032	298988	20.79%	2.016%
9	8.381	959	968	979	rBB2	18876	35017	2.44%	0.236%
10	8.504	984	989	1002	rBB	164431	267202	18.58%	1.801%
11	8.963	1060	1067	1078	rBV	216726	363492	25.28%	2.451%
12	9.681	1183	1189	1198	rBB	183442	296567	20.63%	1.999%
13	9.875	1209	1222	1226	rBV	40606	103430	7.19%	0.697%
14	9.939	1226	1233	1243	rVB	64740	136354	9.48%	0.919%
15	10.216	1273	1280	1293	rBV	266191	453214	31.52%	3.056%
16	10.592	1338	1344	1352	rBV	262832	450725	31.35%	3.039%
17	11.410	1474	1483	1493	rBV	96917	193877	13.48%	1.307%
18	12.216	1616	1620	1626	rVB	14707	23459	1.63%	0.158%
19	12.692	1696	1701	1703	rBV2	13974	23608	1.64%	0.159%
20	13.428	1821	1826	1838	rVB2	40533	66434	4.62%	0.448%
21	13.616	1853	1858	1867	rBV	55443	92289	6.42%	0.622%
22	13.851	1892	1898	1907	rVB	533012	732491	50.94%	4.938%
23	14.133	1940	1946	1955	rVB	564869	866876	60.29%	5.844%
24	14.445	1992	1999	2006	rBV2	398226	619691	43.10%	4.178%
25	14.645	2028	2033	2046	rBV	39650	72157	5.02%	0.486%
26	15.439	2161	2168	2180	rVB	728150	1099465	76.47%	7.413%
27	15.557	2183	2188	2194	rBV	254018	341299	23.74%	2.301%
28	17.192	2459	2466	2472	rBV2	528445	775299	53.92%	5.227%
29	17.286	2476	2482	2492	rVV2	815779	1190889	82.83%	8.029%
30	18.074	2610	2616	2623	rBV	9216	15471	1.08%	0.104%
31	19.215	2804	2810	2819	rBV2	8498	17496	1.22%	0.118%
32	19.586	2866	2873	2883	rBV	999735	1437817	100.00%	9.694%
33	21.280	3157	3161	3165	rBV	97171	105892	7.36%	0.714%
34	21.374	3171	3177	3189	rBV	794227	1019732	70.92%	6.875%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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	22.939	3439	3443	3449	rVB	15187	20985	1.46%	0.141%
36	23.509	3533	3540	3555	rBV2	723491	1421262	98.85%	9.582%
37	23.656	3557	3565	3581	rVB	501806	957755	66.61%	6.457%
38	24.174	3648	3653	3660	rVB2	23192	45451	3.16%	0.306%
39	24.939	3778	3783	3790	rVB3	22663	46612	3.24%	0.314%
40	25.821	3929	3933	3941	rVB5	14970	34674	2.41%	0.234%

Sum of corrected areas: 14832559

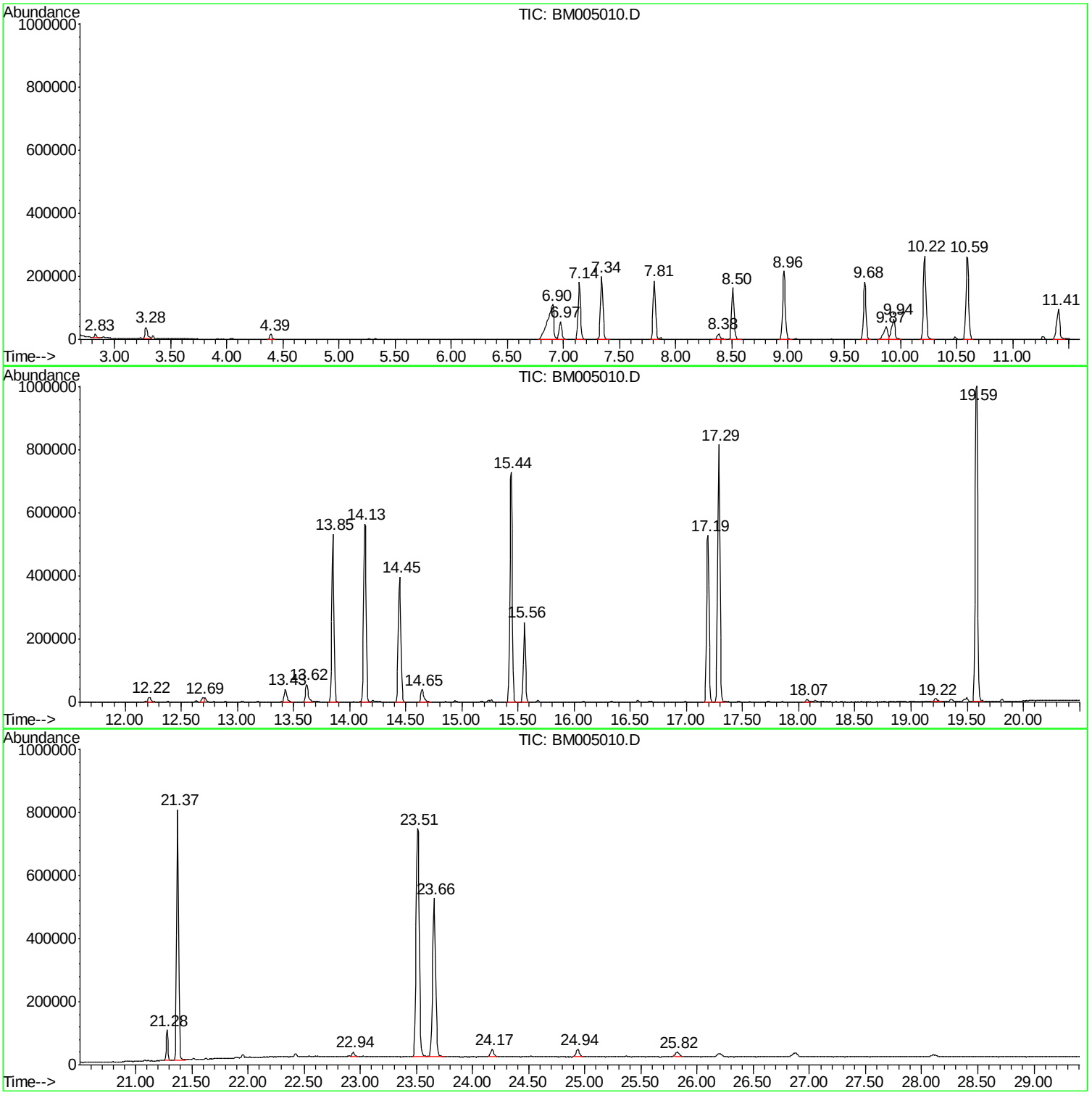
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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

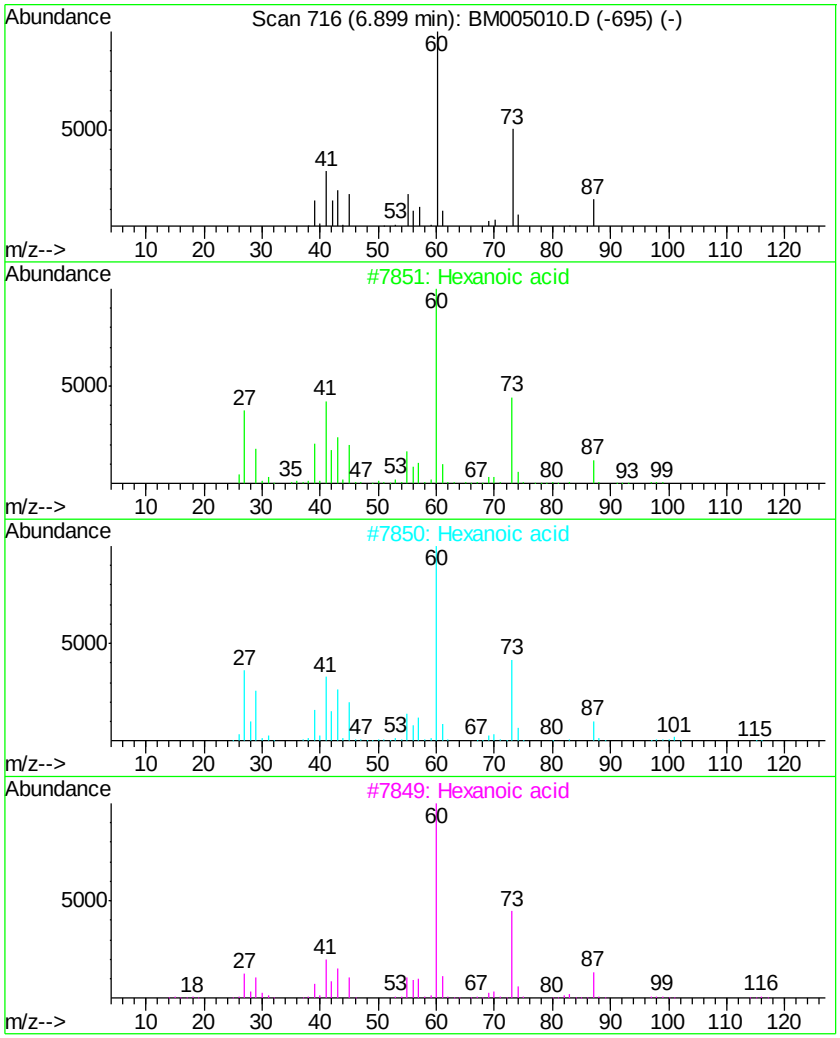
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

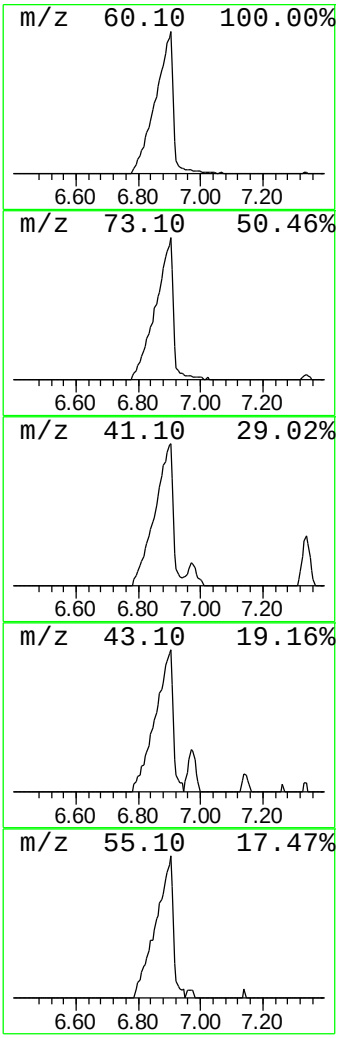
****

Peak Number 1 Hexanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	28.82 ng/ul	430867	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	78
3	Hexanoic acid	116	C6H12O2	000142-62-1	78
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	72
5	Pentanoic acid	102	C5H10O2	000109-52-4	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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

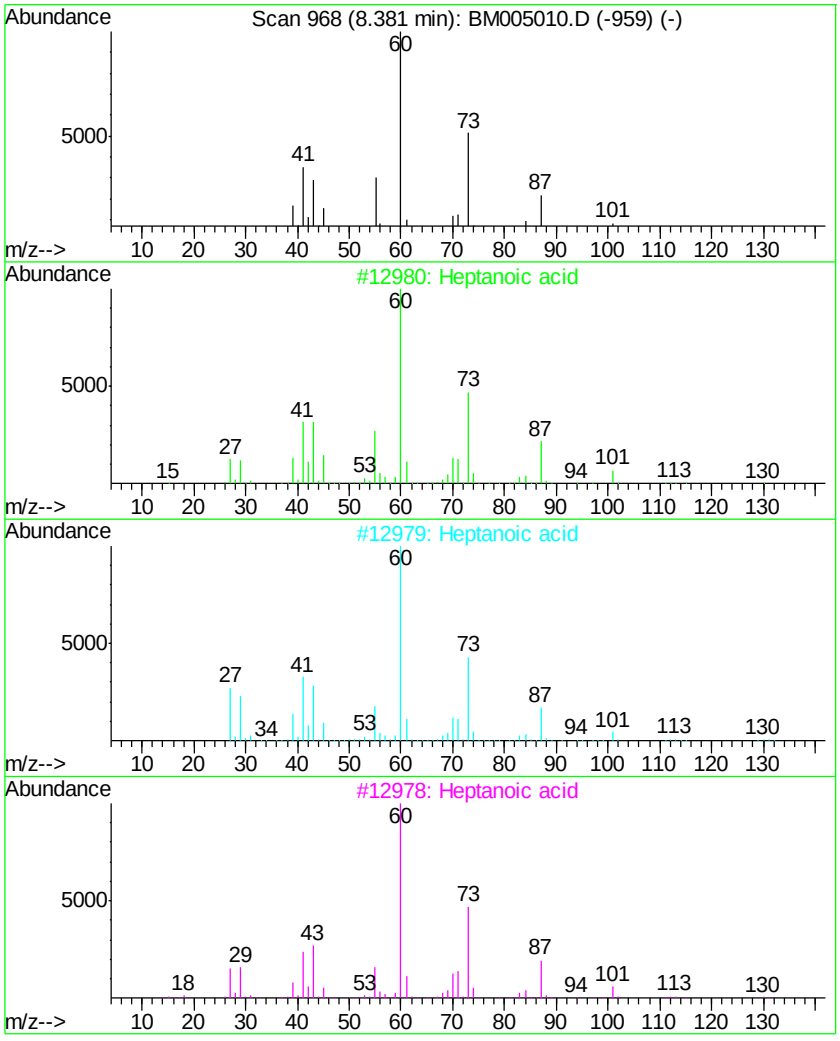
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

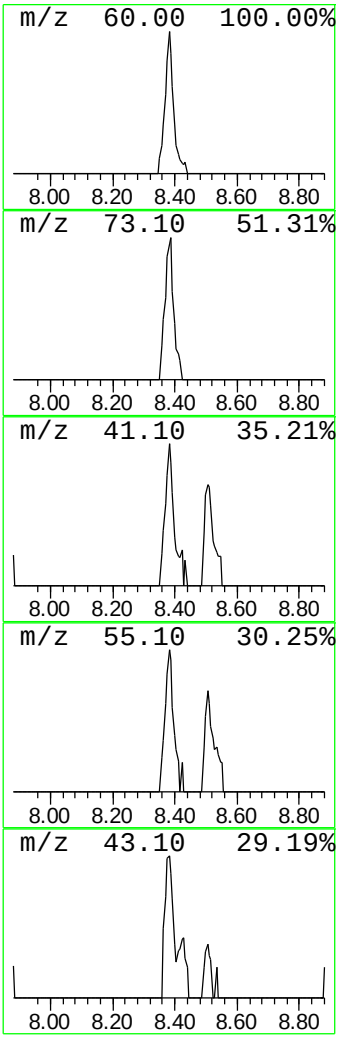
****

Peak Number 2 Heptanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	2.34 ng/ul	35017	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	83
2	Heptanoic acid	130	C7H14O2	000111-14-8	78
3	Heptanoic acid	130	C7H14O2	000111-14-8	72
4	Heptanoic acid	130	C7H14O2	000111-14-8	72
5	Pentanoic acid	102	C5H10O2	000109-52-4	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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

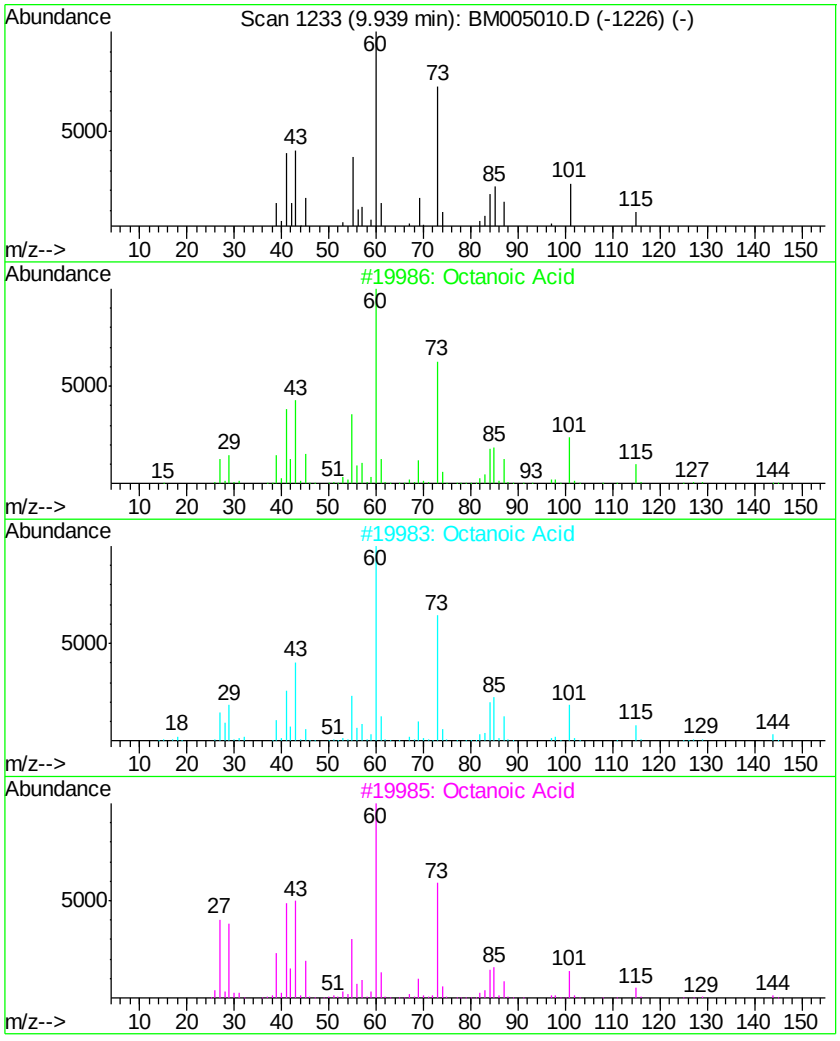
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

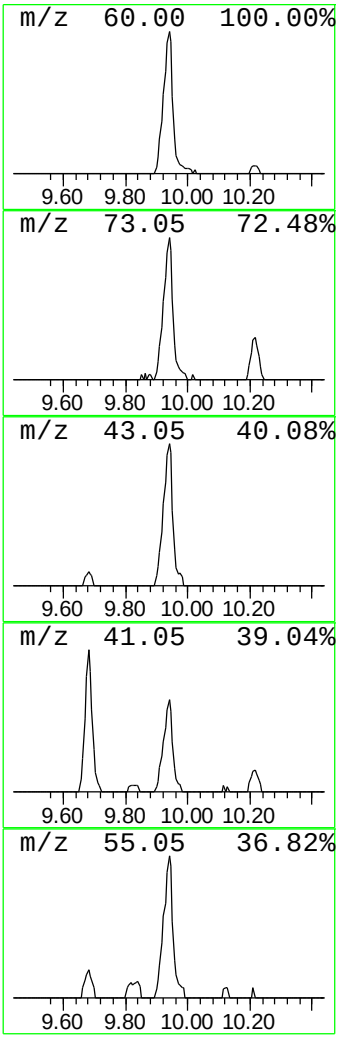
****

Peak Number 4 Octanoic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	6.05 ng/ul	136354	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	87
2	Octanoic Acid	144	C8H16O2	000124-07-2	78
3	Octanoic Acid	144	C8H16O2	000124-07-2	64
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 : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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

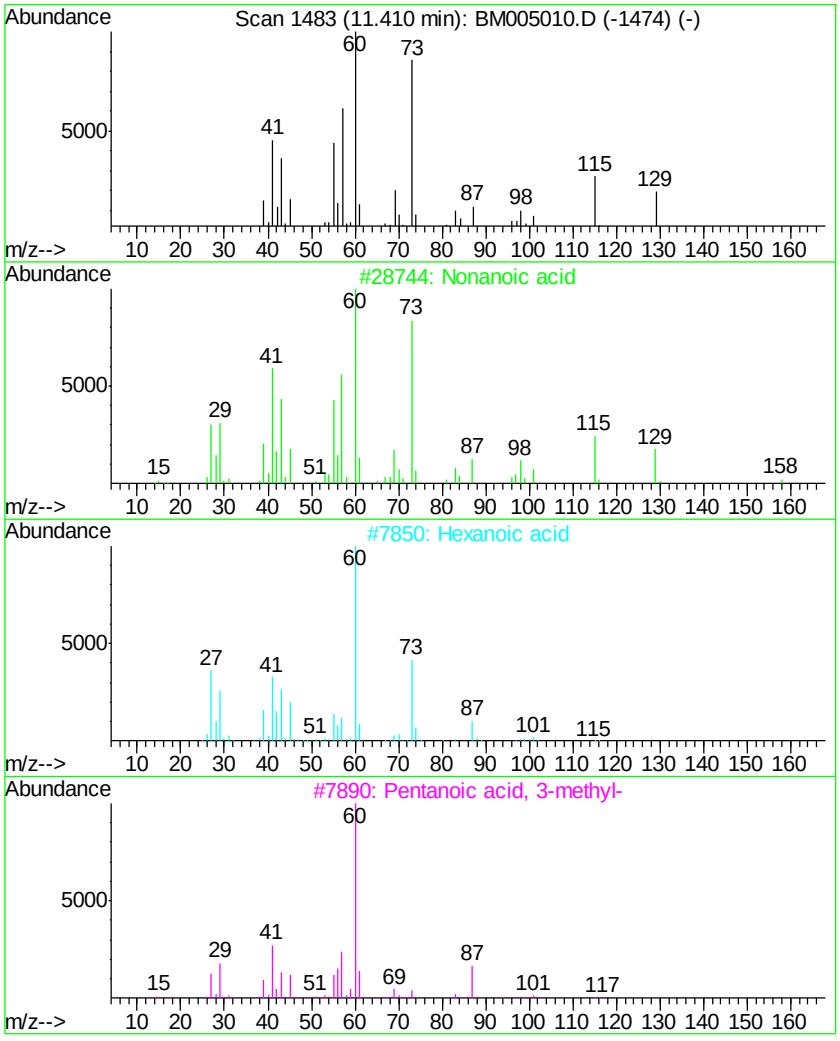
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

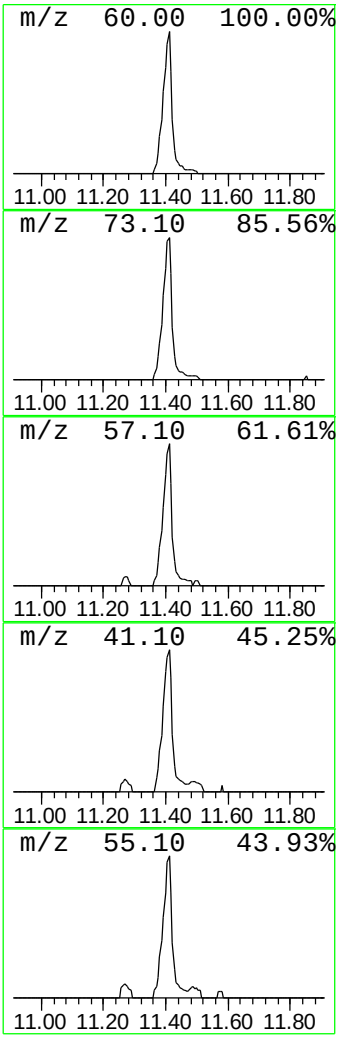
****

Peak Number 5 Nonanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	8.60 ng/ul	193877	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
5	Octanoic Acid	144	C8H16O2	000124-07-2	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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

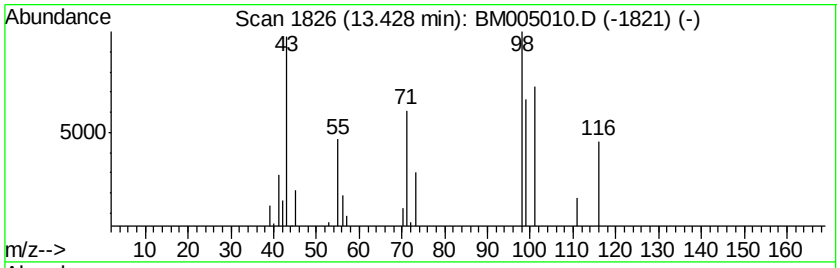
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

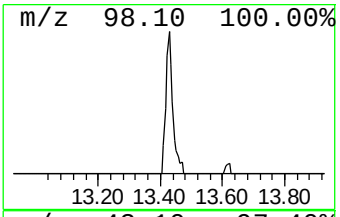
****

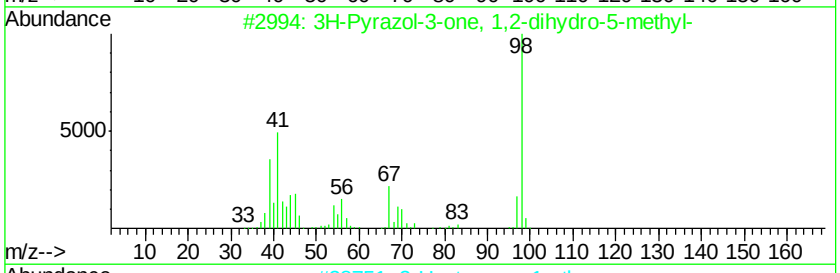
Peak Number 6 unknown-01 Concentration Rank 7

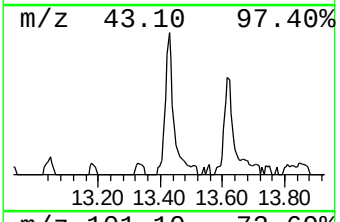
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.14 ng/ul	66434	Acenaphthene-d10	14.45

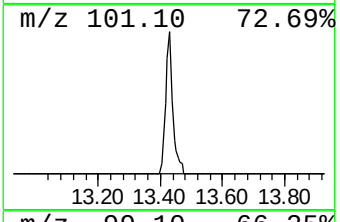
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrazol-3-one, 1,2-dihydro-5-...	98	C4H6N2O	004344-87-0	27
2	2-Heptanone, 1-ethoxy-	158	C9H18O2	051149-70-3	12
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	10
4	4-Ketopimelic	174	C7H10O5	000502-50-1	10
5	Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	10

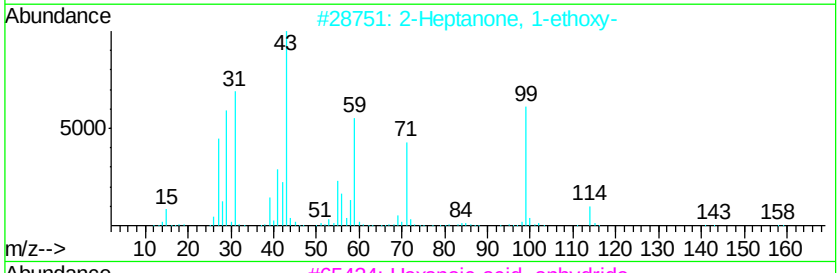


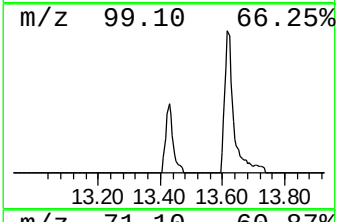


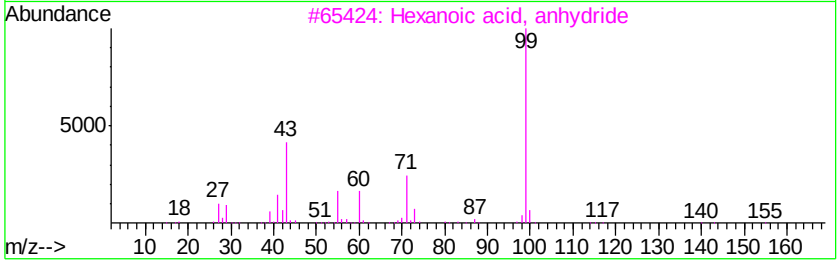


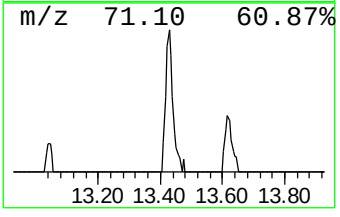












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Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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

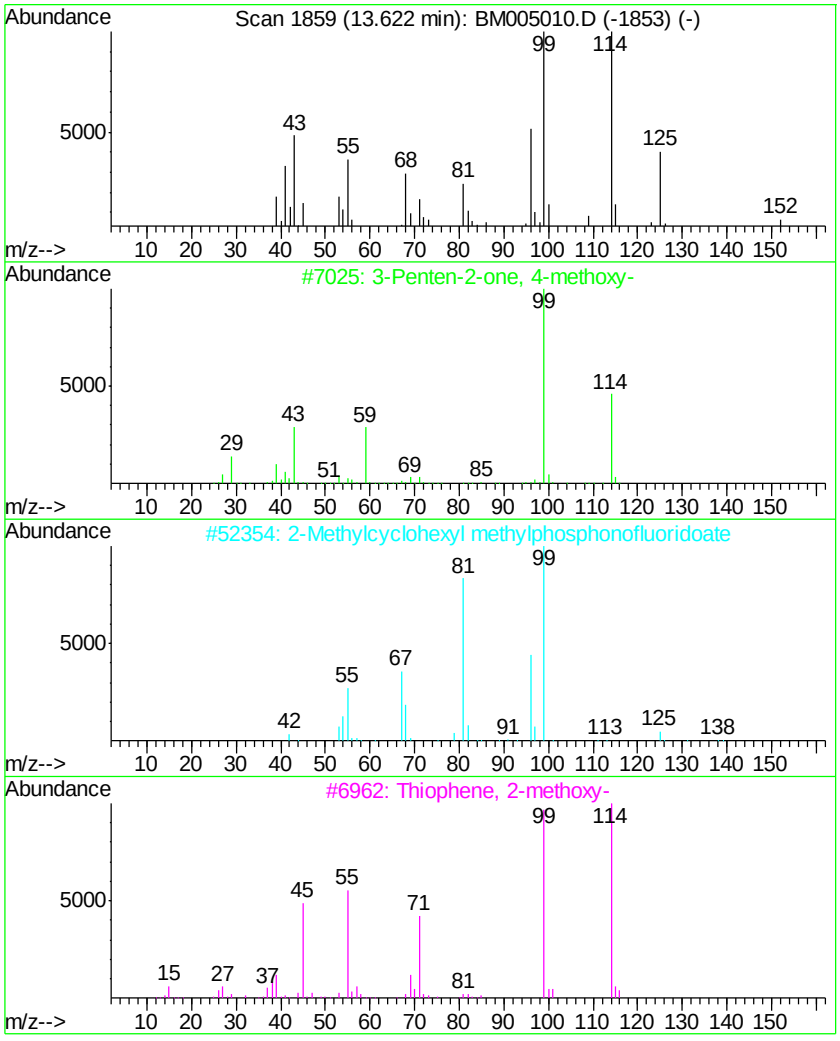
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

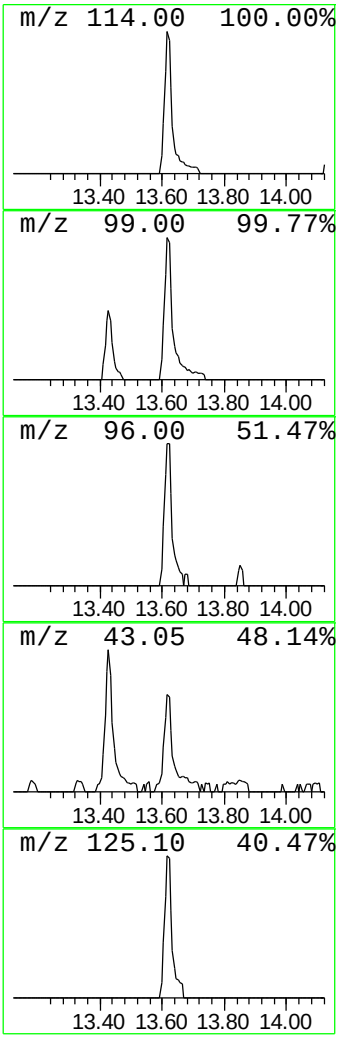
****

Peak Number 7 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.98 ng/ul	92289	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methoxy-	114	C6H10O2	002845-83-2	43
2	2-Methylcyclohexyl methylphospho...	194	C8H16FO2P	1000298-35-4	38
3	Thiophene, 2-methoxy-	114	C5H6OS	016839-97-7	37
4	Thiophene, 2-methoxy-	114	C5H6OS	016839-97-7	37
5	1H-Phosphole, 2,5-dihydro-1,3-di...	114	C6H11P	015450-84-7	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005010.D
Acq On : 21 Apr 2016 03:33
Operator : UM/SJ
Sample : H2567-24
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R2

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
Hexanoic acid	6.90	28.8	ng/ul	430867	1	7.81	298988	20.0
Heptanoic acid	8.38	2.3	ng/ul	35017	1	7.81	298988	20.0
Octanoic Acid	9.94	6.0	ng/ul	136354	2	10.59	450725	20.0
Nonanoic acid	11.41	8.6	ng/ul	193877	2	10.59	450725	20.0
unknown-01	13.43	2.1	ng/ul	66434	3	14.45	619691	20.0
unknown-02	13.62	3.0	ng/ul	92289	3	14.45	619691	20.0