LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	7.040	632	638	644	rBV	98623	143591	2.20%	0.255%
2	7.487	708	714	723	rBV	197320	335385	5.14%	0.596%
3	7.657	735	743	761	rBV	591576	935494	14.34%	1.664%
4	7.863	772	778	789	rBV	652022	1127674	17.29%	2.006%
5	8.345	853	860	872	rBV	478904	807546	12.38%	1.436%
6	8.534	885	892	895	rBV	364737	553761	8.49%	0.985%
7	8.575	895	899	910	rVB	908161	1349210	20.68%	2.399%
8	9.051	974	980	992	rBV	597995	996552	15.28%	1.772%
9	9.151	992	997	1003	rVB	40740	65627	1.01%	0.117%
10	9.528	1055	1061	1073	rBV	833032	1393512	21.36%	2.478%
11	10.104	1149	1159	1167	rBV5	37065	95807	1.47%	0.170%
12	10.216	1169	1178	1179	rBV	56902	73449	1.13%	0.131%
13	10.251	1179	1184	1192	rVB	710821	1210461	18.55%	2.153%
14	10.663	1246	1254	1266	rBV7	52710	164286	2.52%	0.292%
15	10.792	1266	1276	1292	rVV	1133420	2102627	32.23%	3.739%
16	11.175	1332	1341	1350	rBV	769180	1332853	20.43%	2.370%
17	11.381	1370	1376	1380	rBV	236460	434640	6.66%	0.773%
18	11.492	1390	1395	1404	rVB2	61601	119785	1.84%	0.213%
19	12.045	1482	1489	1496	rBV	478201	749869	11.49%	1.334%
20	13.663	1759	1764	1770	rVB	69536	96290	1.48%	0.171%
21	14.357	1876	1882	1893	rBV	2223784	3147891	48.25%	5.598%
22	14.663	1927	1934	1940	rBV	2402075	3565899	54.66%	6.342%
23	14.963	1978	1985	1993	rBV2	1252547	1927094	29.54%	3.427%
24	15.151	2013	2017	2026	rBV	193902	316920	4.86%	0.564%
25	15.945	2145	2152	2160	rVB	3157866	4584183	70.27%	8.153%
26	16.068	2167	2173	2187	rBV	1189599	1774149	27.20%	3.155%
27	16.180	2187	2192	2197	rBV2	50687	80155	1.23%	0.143%
28	17.686	2442	2448	2456	rVB	1596437	2375094	36.41%	4.224%
29	17.780	2458	2464	2473	rBV	3625550	5092787	78.06%	9.057%
30	18.021	2501	2505	2511	rBV	104523	148466	2.28%	0.264%
31	18.521	2586	2590	2595	rBV	181264	244742	3.75%	0.435%
32	19.768	2798	2802	2816	rBV	224743	365479	5.60%	0.650%
33	20.033	2841	2847	2855	rBV	4452558	5948050	91.17%	10.578%
34	21.786	3140	3145	3151	rBV	2386422	2996073	45.93%	5.328%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Title : SVOA CALIBRATION

35	24.050	3523	3530	3543	rVB	3433100	6523796	100.00%	11.602%
36	24.203	3549	3556	3567	rVB	1503601	3049630	46.75%	5.424%

Sum of corrected areas: 56228827

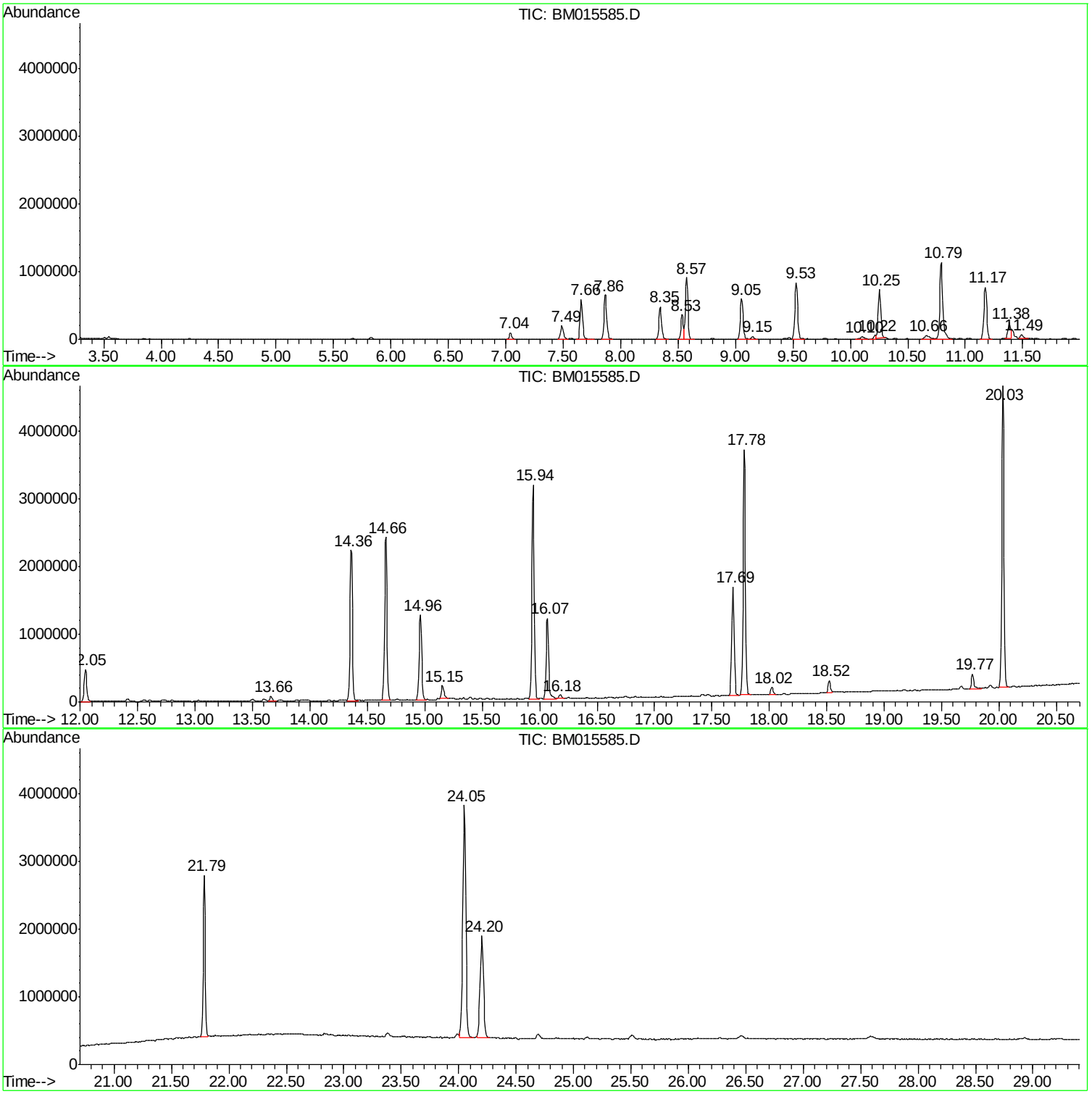
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

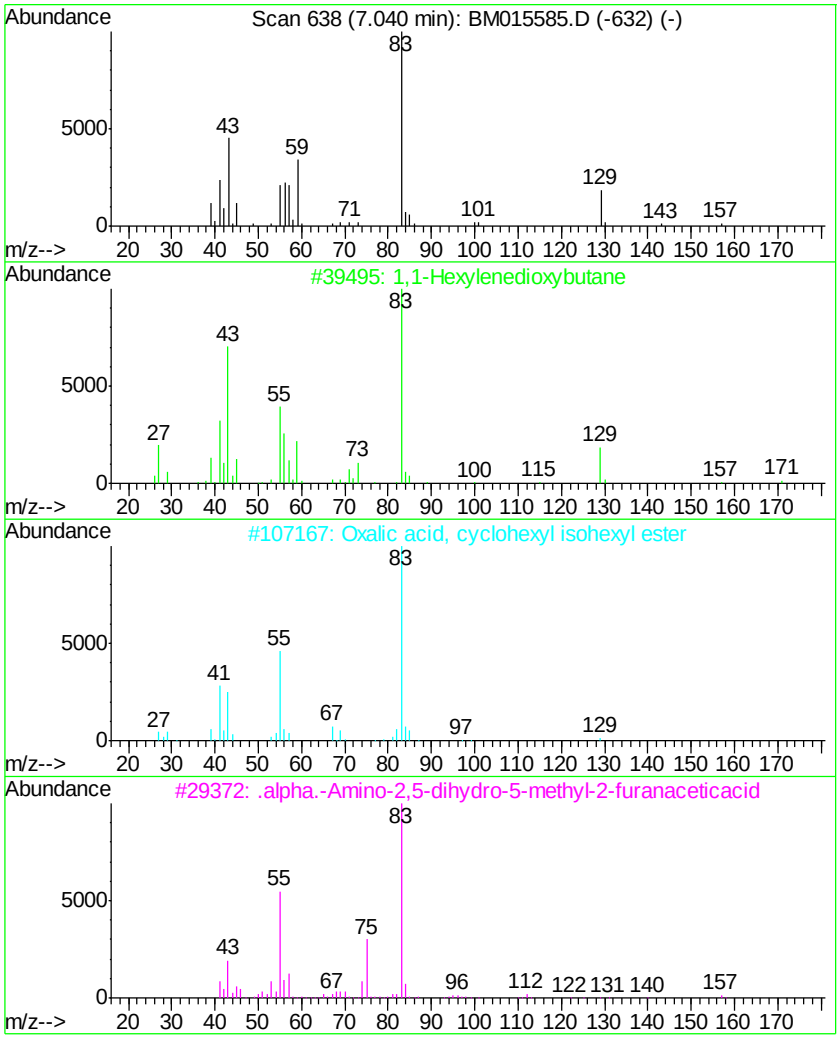
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

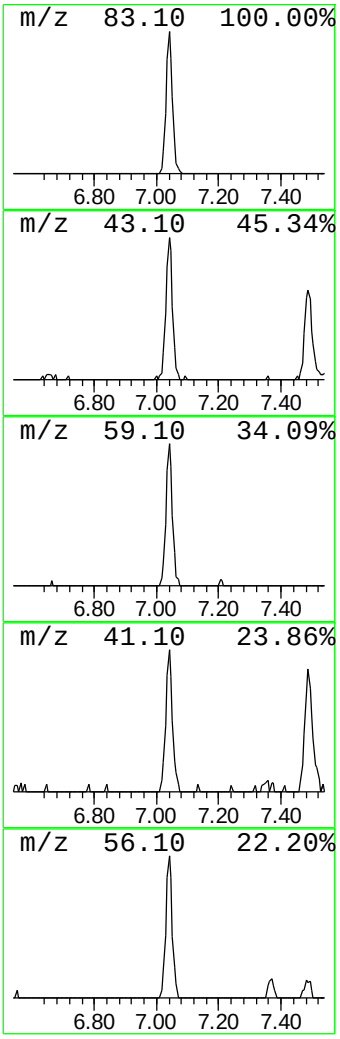
****

Peak Number 1 1,1-Hexylenedioxybutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.56 ng/ul	143591	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	64
2	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	47
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

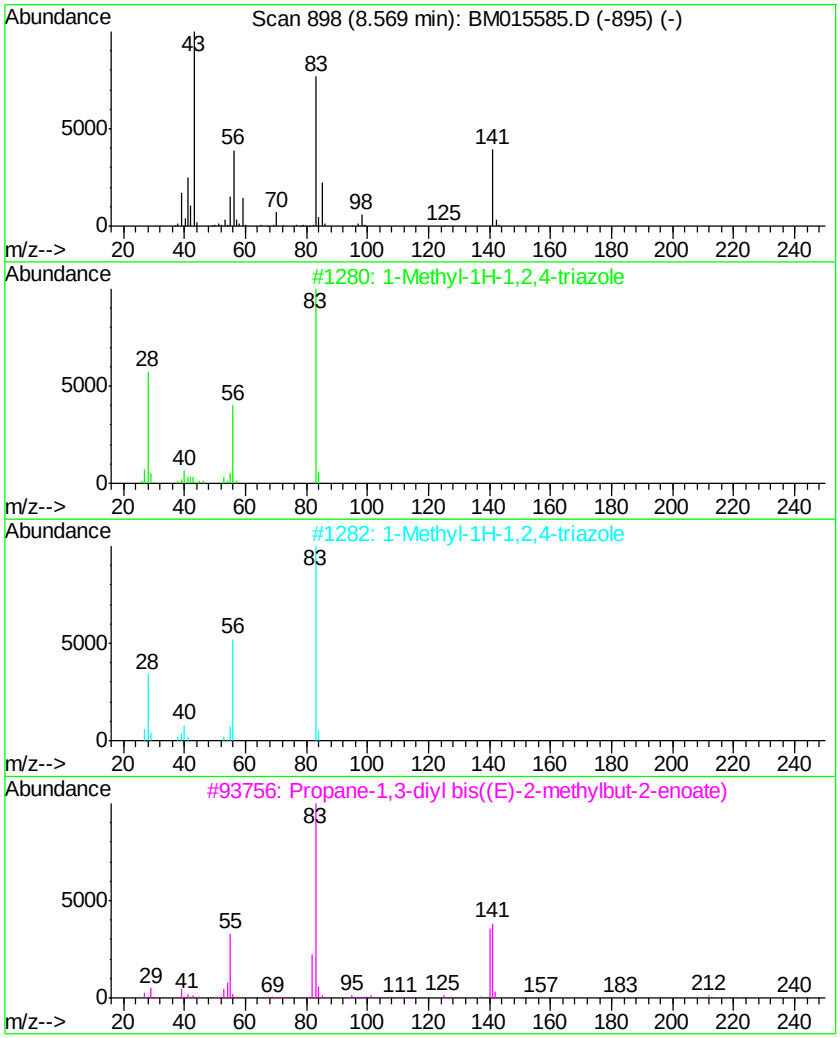
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

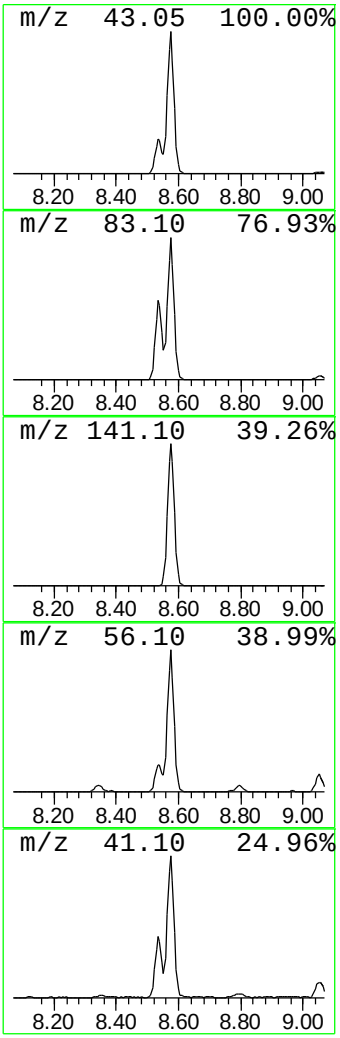
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	33.42 ng/ul	1349210	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	43
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	32
3	Propane-1,3-diyl bis((E)-2-methy...	240	C13H20O4	1000373-72-9	25
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	17
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

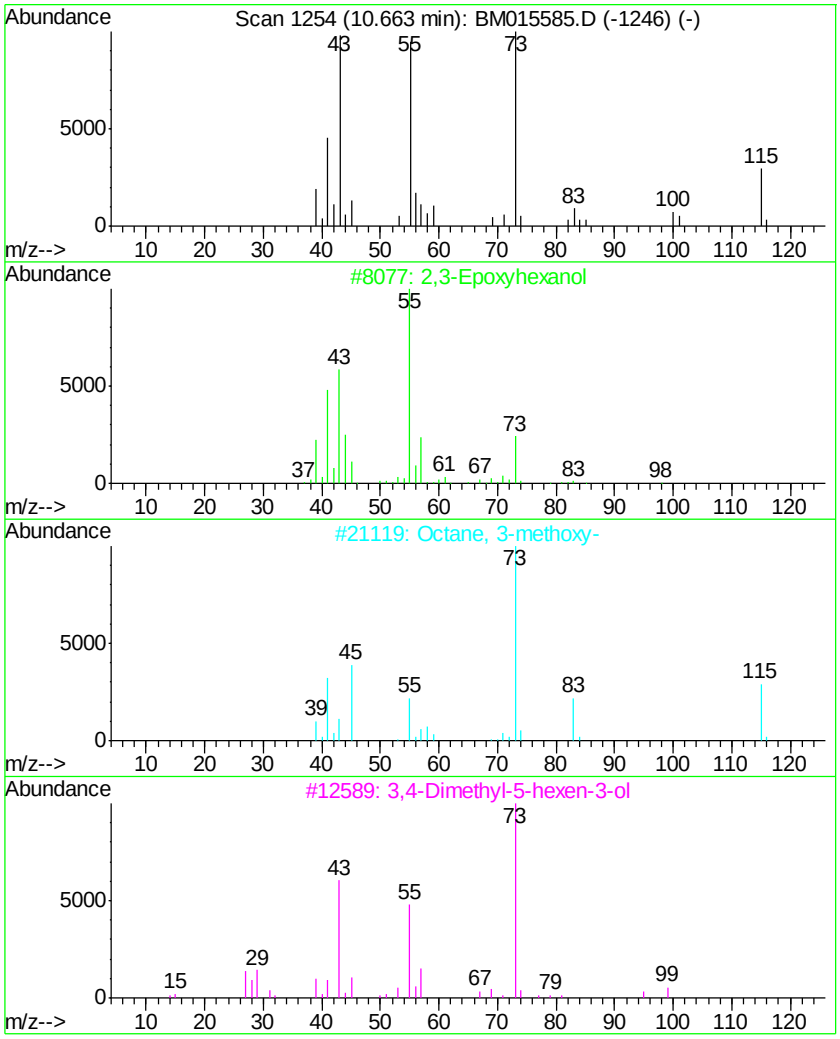
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

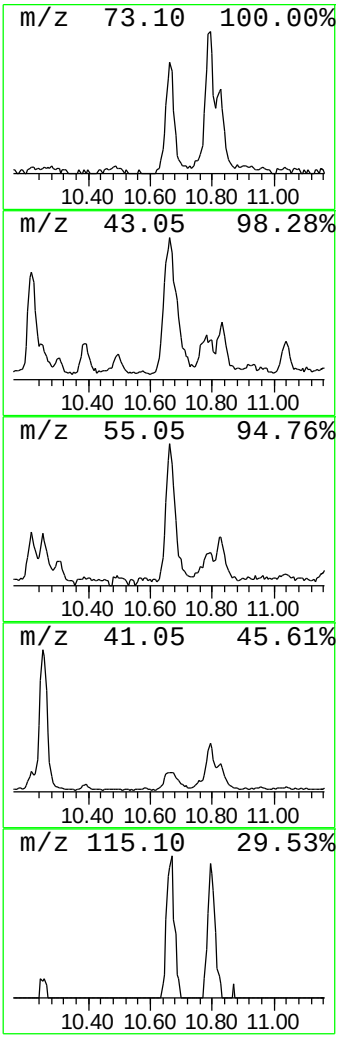
****

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.47 ng/ul	164286	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Epoxyhexanol	116	C6H12O2	090528-63-5	43
2	Octane, 3-methoxy-	144	C9H20O	054658-02-5	32
3	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	32
4	Formic acid, 2-methylhex-3-yl ester	144	C8H16O2	1000368-35-0	25
5	4-Heptanol	116	C7H16O	000589-55-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

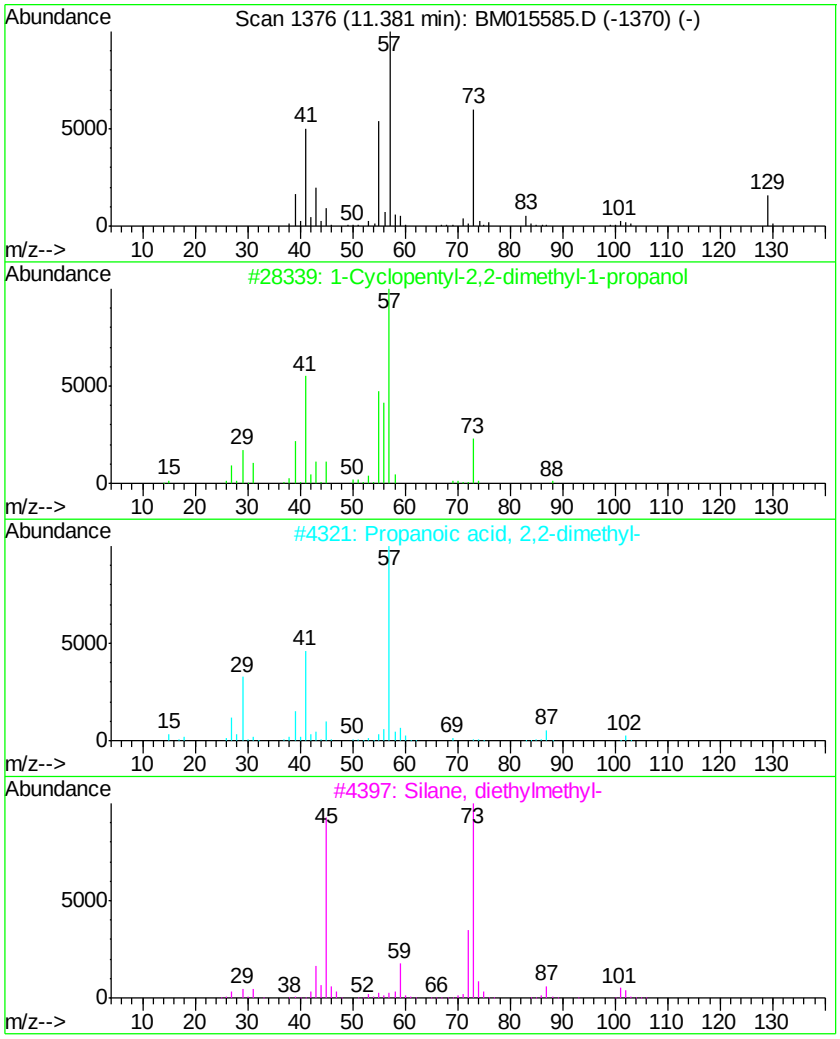
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

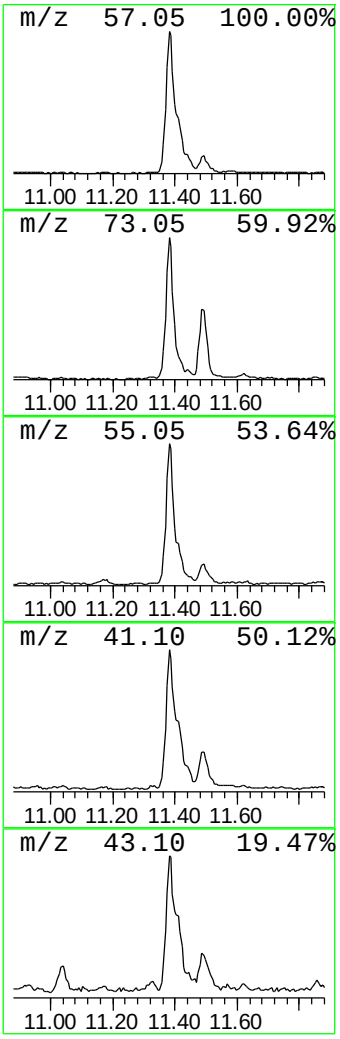
****

Peak Number 5 1-Cyclopentyl-2,2-dimethyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	6.52 ng/ul	434640	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	50
2	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	43
3	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	43
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	38
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

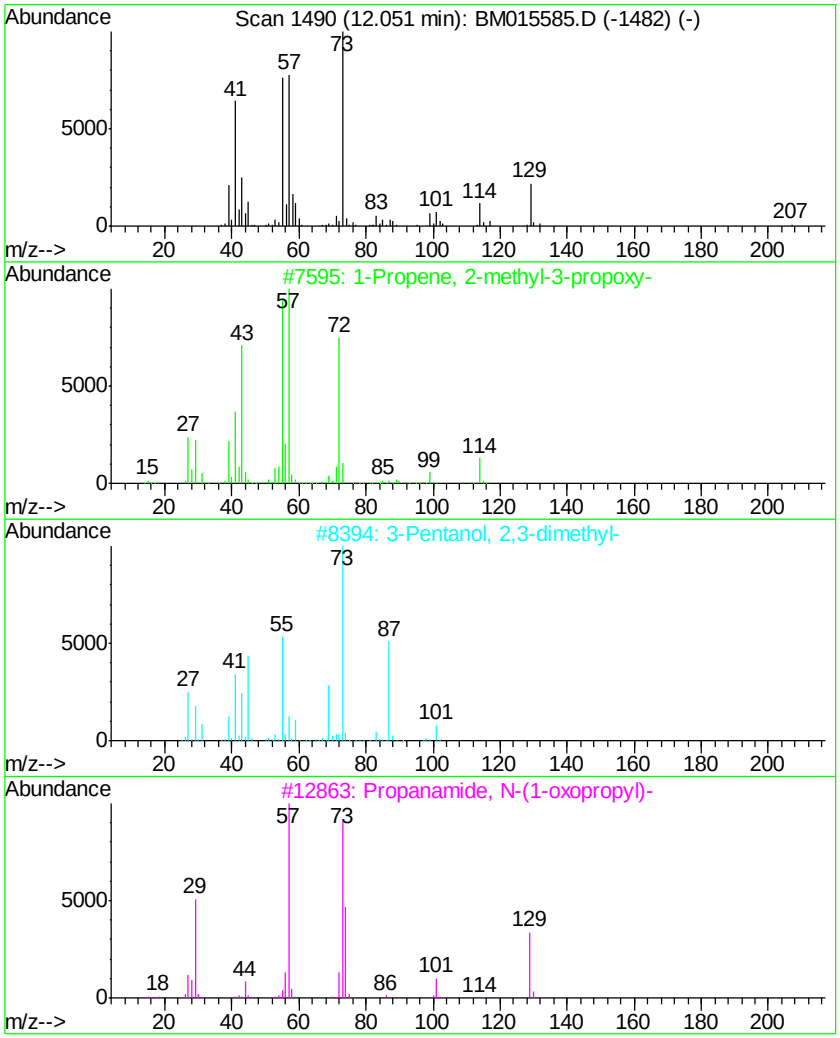
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

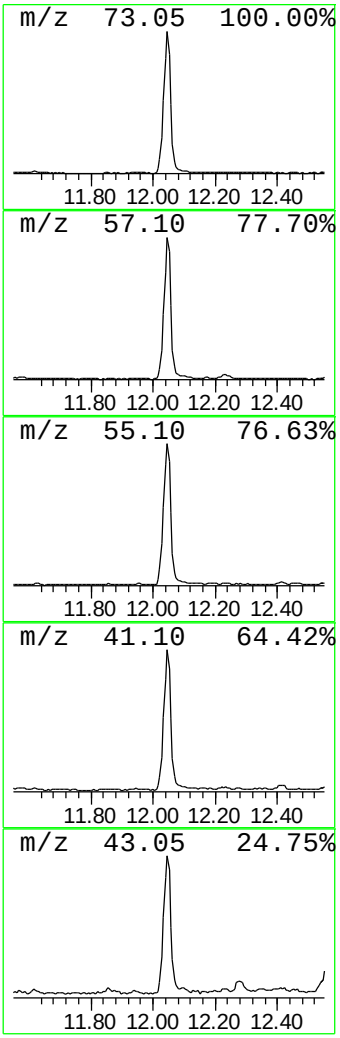
****

Peak Number 6 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	11.25 ng/ul	749869	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-3-propoxy-	114	C7H14O	053897-29-3	35
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	32
3	Propanamide, N-(1-oxopropyl)-	129	C6H11NO2	006050-26-6	30
4	Silane, trimethyl-2-propenyl-	114	C6H14Si	000762-72-1	30
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

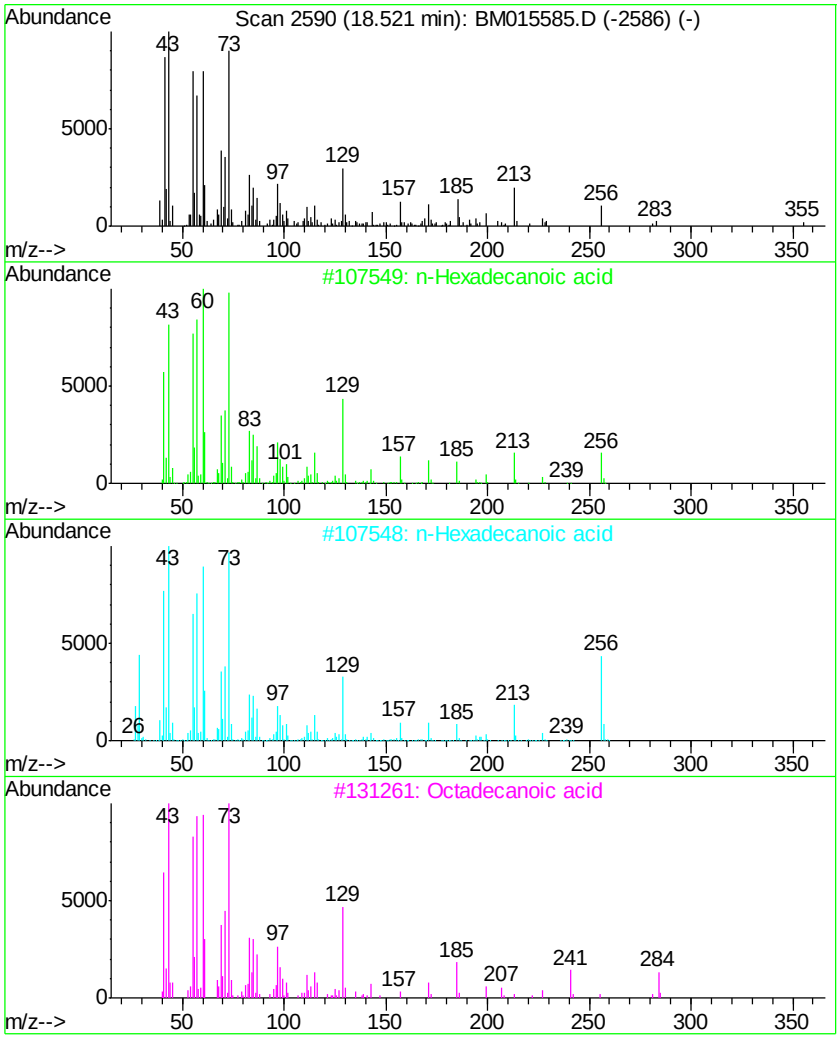
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

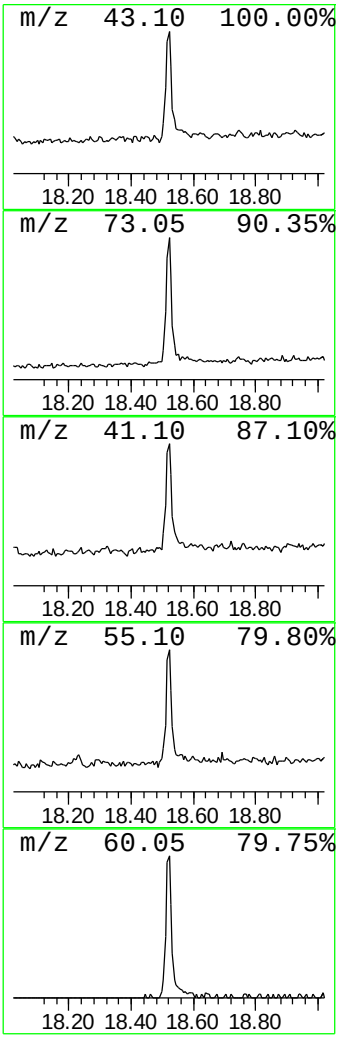
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.06 ng/ul	244742	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

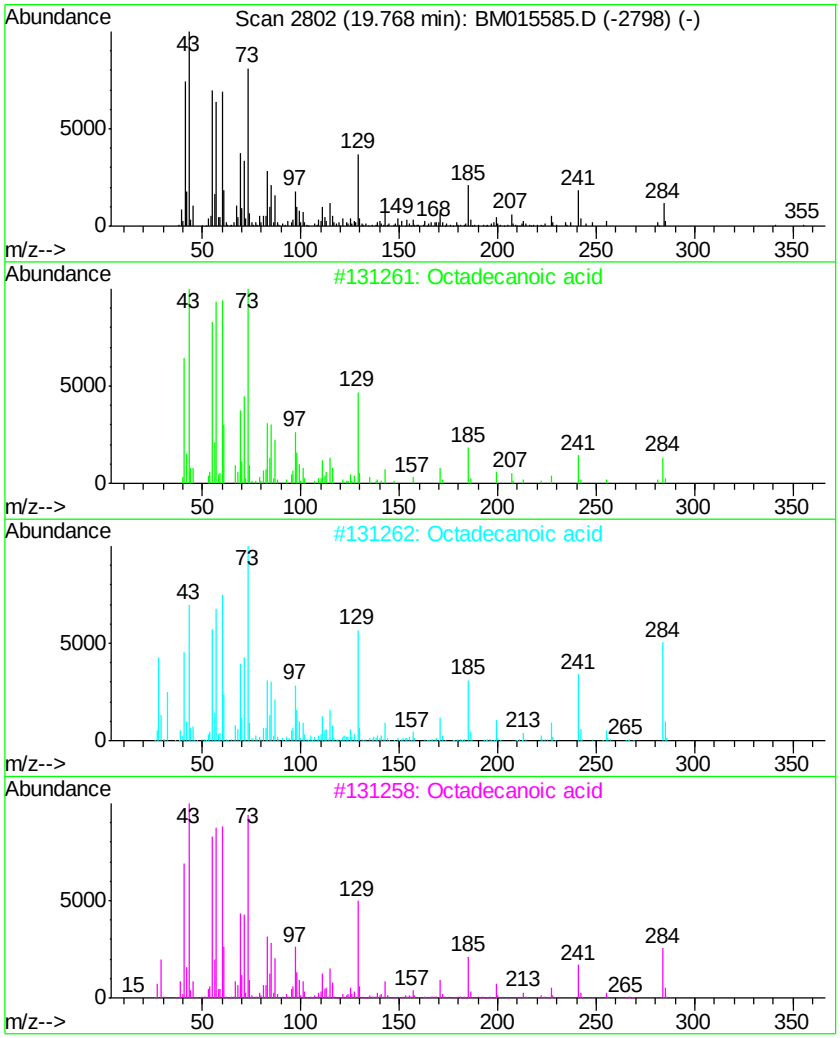
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

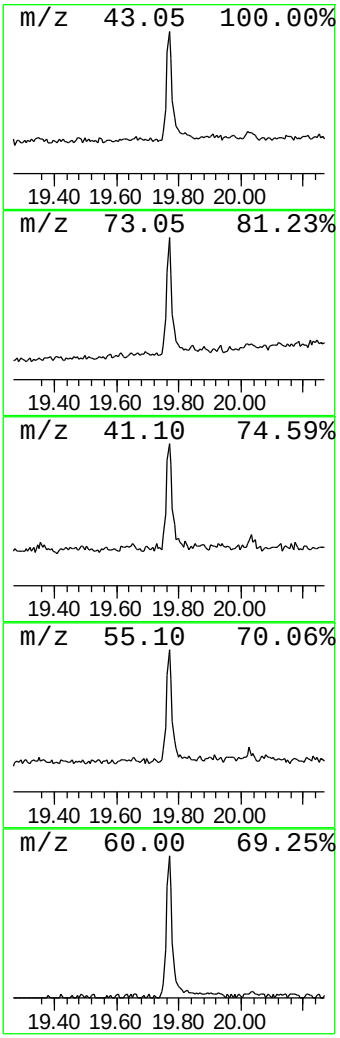
****

Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.44 ng/ul	365479	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060818\
Data File : BM015585.D
Acq On : 09 Jun 2018 04:24
Operator : SJ/JU
Sample : J3375-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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
1,1-Hexylenedioxy...	7.04	3.6	ng/ul	143591	1	8.35	807546	20.0
unknown-01	8.57	33.4	ng/ul	1349210	1	8.35	807546	20.0
unknown-02	10.66	2.5	ng/ul	164286	2	11.17	1332850	20.0
1-Cyclopentyl-2,2...	11.38	6.5	ng/ul	434640	2	11.17	1332850	20.0
unknown-03	12.05	11.3	ng/ul	749869	2	11.17	1332850	20.0
n-Hexadecanoic acid	18.52	2.1	ng/ul	244742	4	17.69	2375090	20.0
Octadecanoic acid	19.77	2.4	ng/ul	365479	5	21.79	2996070	20.0