LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011072.D
Acq On : 31 Jul 2017 17:43
Operator : SJ/JU
Sample : I4492-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-D3-D4-D5-D6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM072617.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.581	301	305	312	rBV	252213	333823	3.46%	0.506%
2	5.022	374	380	389	rBV	4067500	5556382	57.65%	8.421%
3	6.581	638	645	659	rBV	3965477	6328012	65.66%	9.590%
4	6.922	696	703	712	rBV	3954984	6089301	63.18%	9.228%
5	7.381	775	781	789	rBV	865164	1337706	13.88%	2.027%
6	7.698	828	835	843	rVB	2923914	4431769	45.98%	6.716%
7	8.528	968	976	989	rBV	2595940	4097521	42.51%	6.210%
8	10.139	1243	1250	1261	rBV	1038132	1705248	17.69%	2.584%
9	12.651	1670	1677	1686	rBV	5902599	8366920	86.81%	12.680%
10	13.510	1816	1823	1833	rBV	892217	1194526	12.39%	1.810%
11	14.039	1905	1913	1922	rBV2	1458846	2220603	23.04%	3.365%
12	15.545	2162	2169	2178	rBV	5084781	7008980	72.72%	10.622%
13	16.798	2376	2382	2389	rBV	1850993	2498114	25.92%	3.786%
14	17.727	2534	2540	2546	rBV	356659	457385	4.75%	0.693%
15	19.027	2755	2761	2767	rBV2	186891	262381	2.72%	0.398%
16	19.462	2829	2835	2844	rVB	8026473	9638071	100.00%	14.606%
17	20.774	3054	3058	3067	rBV10	85468	174621	1.81%	0.265%
18	21.015	3094	3099	3105	rBV	1805103	2312014	23.99%	3.504%
19	23.127	3452	3458	3466	rVB2	1139577	1972128	20.46%	2.989%

Sum of corrected areas: 65985505

LSC Report - Integrated Chromatogram

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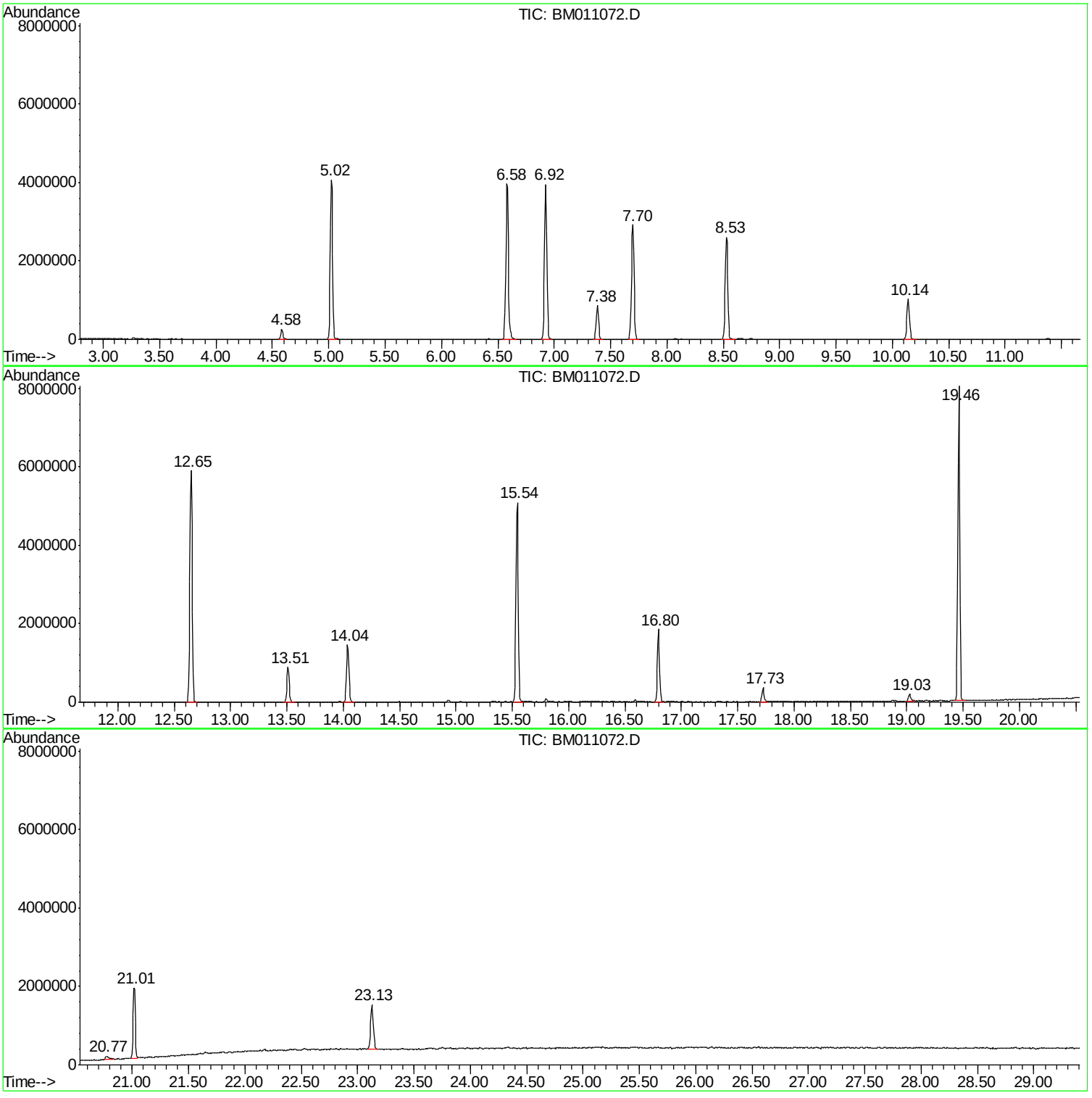
Sample : I4492-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-D3-D4-D5-D6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011072.D
Acq On : 31 Jul 2017 17:43
Operator : SJ/JU
Sample : I4492-01
Misc :
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Instrument : BNA_M
ClientSampleId : FK-BPM-01-D3-D4-D5-D6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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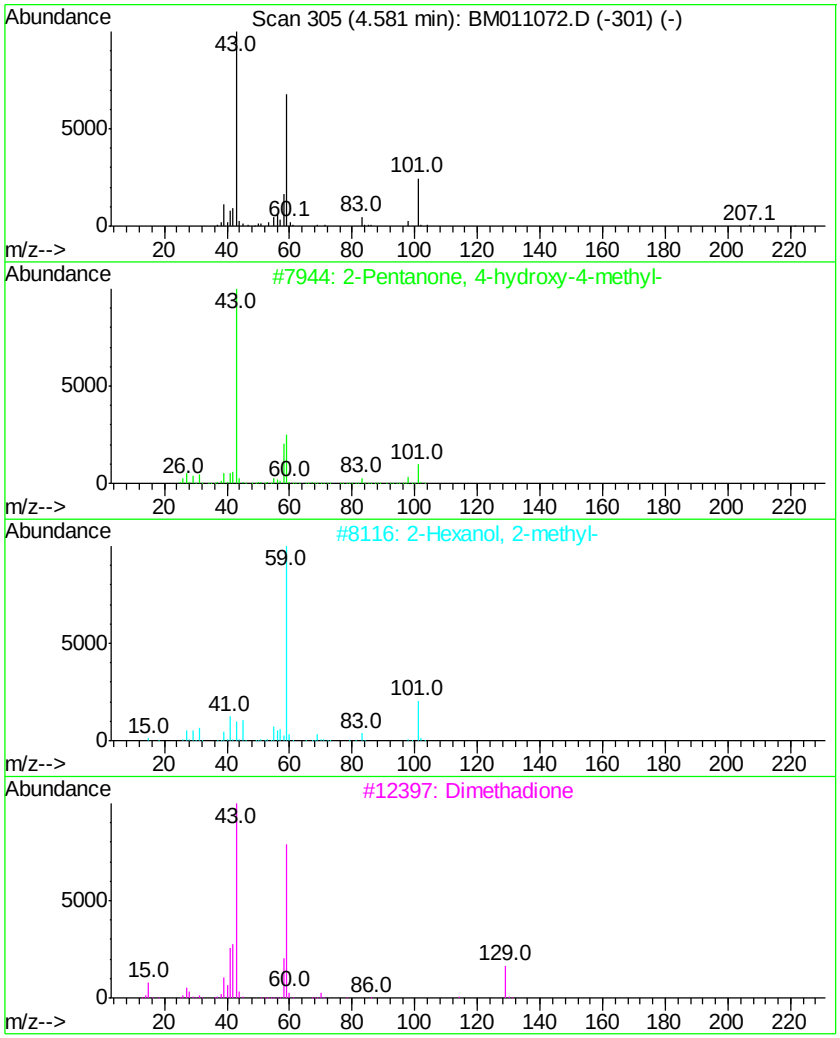
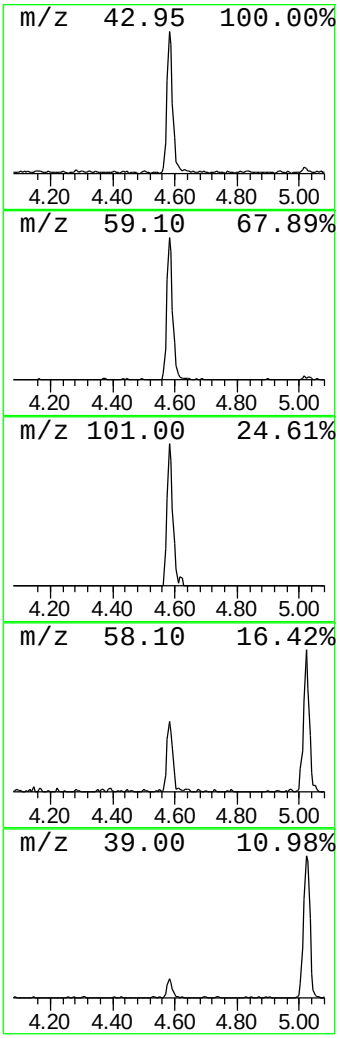
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	4.99 ng	333823	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	Dimethadione	129	C5H7NO3	000695-53-4	28
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011072.D
Acq On : 31 Jul 2017 17:43
Operator : SJ/JU
Sample : I4492-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-D3-D4-D5-D6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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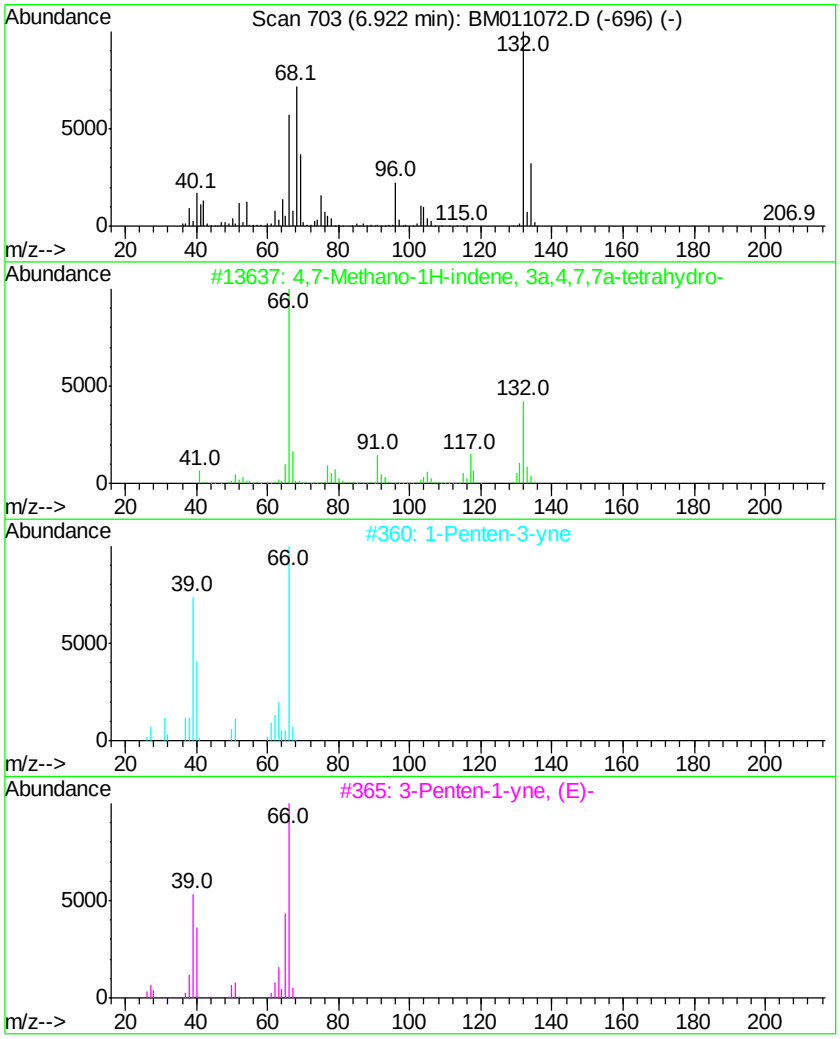
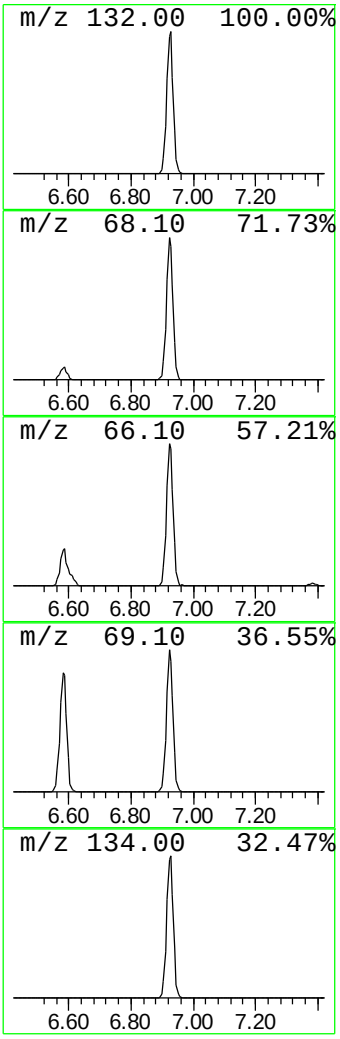
Peak Number 2 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	91.04 ng	6089300	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	40
2	1-Penten-3-yne	66	C5H6	000646-05-9	38
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	25
4	1,4,4a,8a-Tetrahydro-1,4-methano...	174	C11H10O2	001200-89-1	25
5	3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011072.D
Acq On : 31 Jul 2017 17:43
Operator : SJ/JU
Sample : I4492-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-D3-D4-D5-D6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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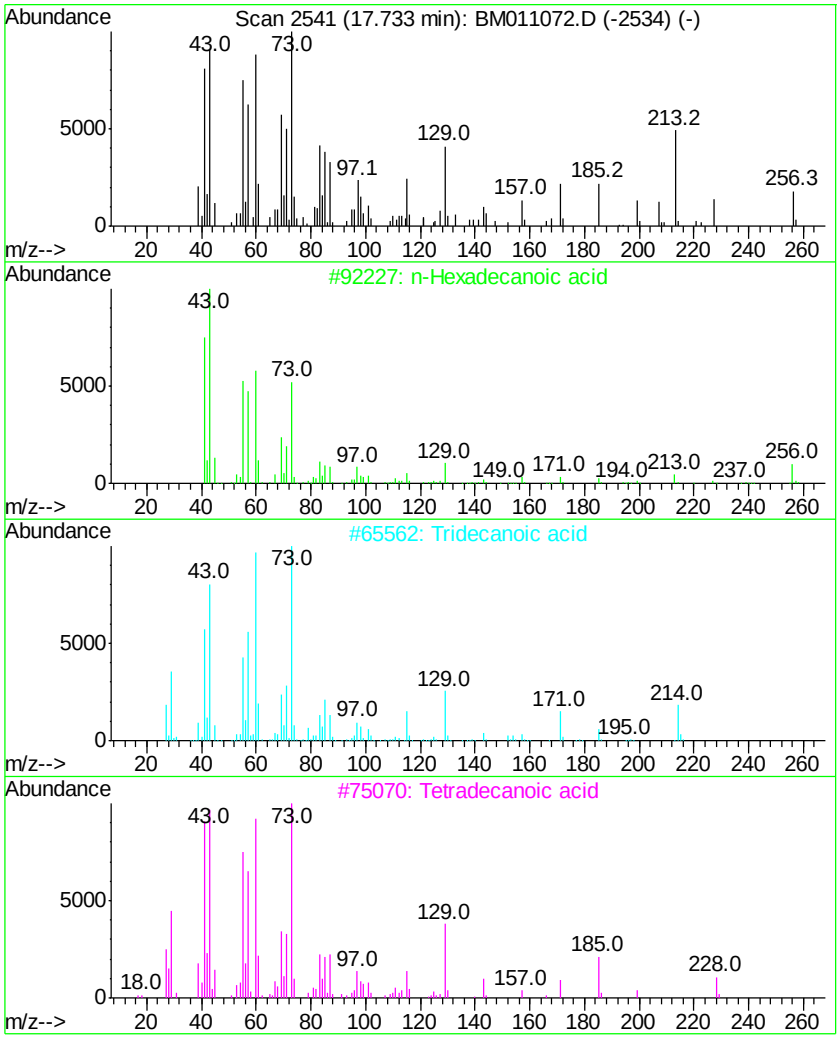
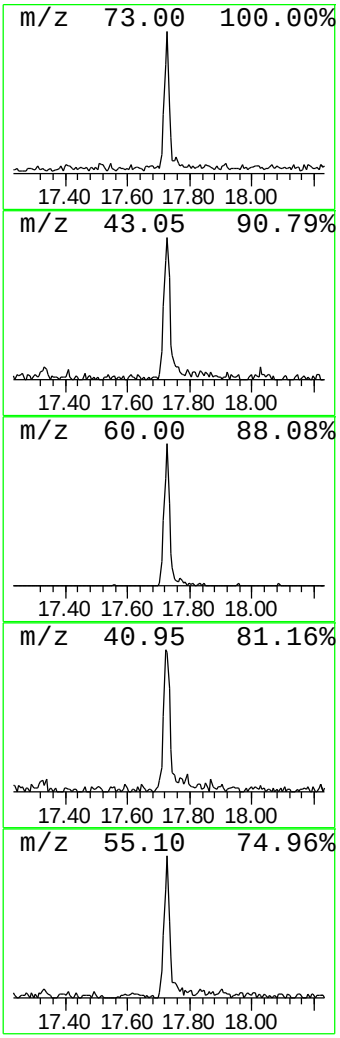
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.66 ng	457385	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	.alpha.-D-Mannofuranoside, 1-O-o...	292	C14H28O6	1000159-46-9	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
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Acq On : 31 Jul 2017 17:43
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Sample : I4492-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-D3-D4-D5-D6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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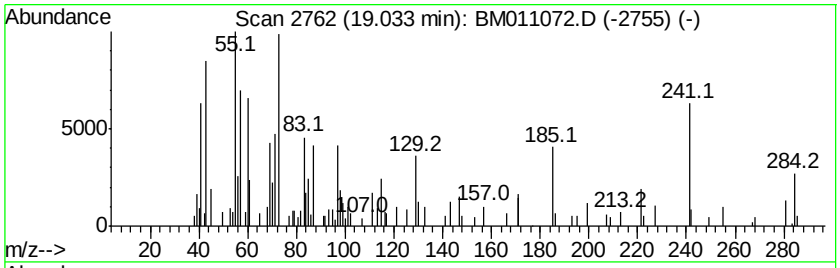
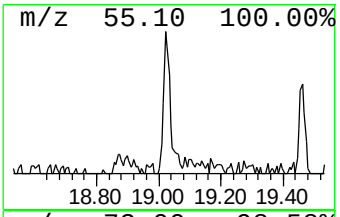
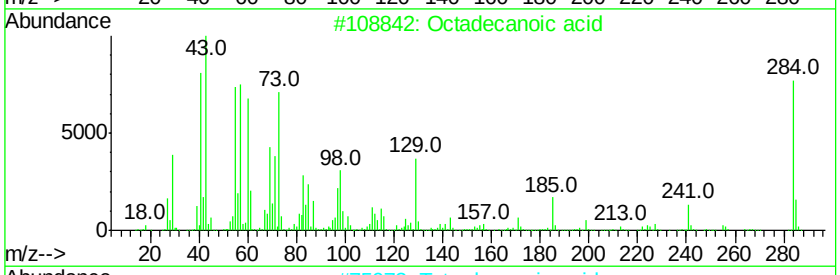
Peak Number 5 Octadecanoic acid Concentration Rank 5

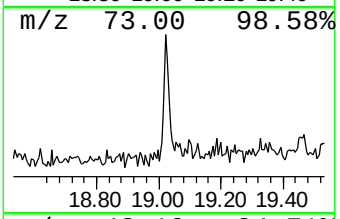
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.27 ng	262381	Chrysene-d12	21.02

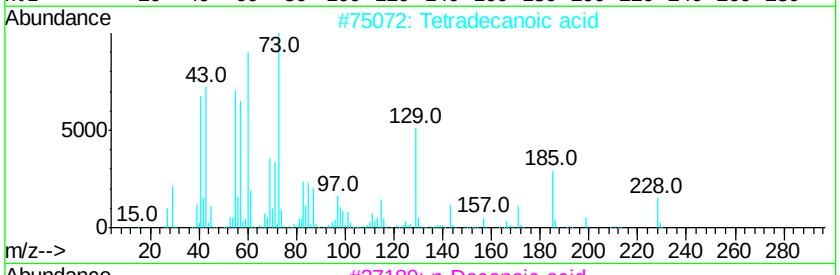
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	27

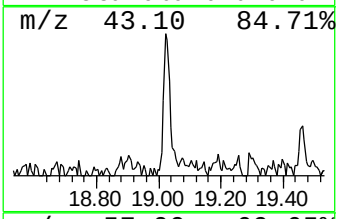


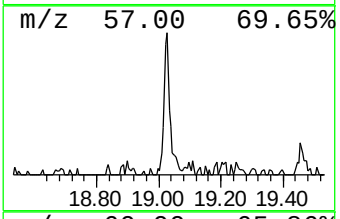


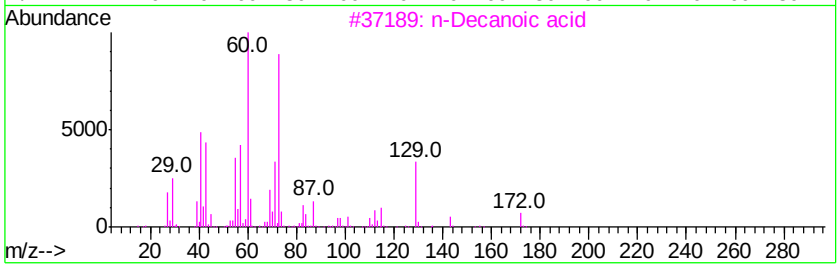


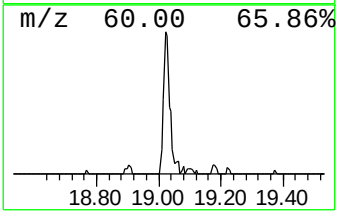












Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	5.0	ng	333823	1	7.38	1337710	20.0
unknown6.92	6.92	91.0	ng	6089300	1	7.38	1337710	20.0
n-Hexadecanoic acid	17.73	3.7	ng	457385	4	16.80	2498110	20.0
Octadecanoic acid	19.03	2.3	ng	262381	5	21.02	2312010	20.0