LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011071.D
Acq On : 31 Jul 2017 17:07
Operator : SJ/JU
Sample : I4490-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-A2-B2-C2-D2

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	3.257	78	80	86	rBV	100815	122117	1.07%	0.179%
2	4.581	301	305	315	rVB	235999	316366	2.77%	0.465%
3	5.022	374	380	388	rBV	3789466	5123347	44.88%	7.524%
4	6.581	638	645	659	rBV	3834661	6015002	52.69%	8.834%
5	6.922	695	703	712	rBV	3676969	5626505	49.29%	8.263%
6	7.381	775	781	789	rBV	812095	1222457	10.71%	1.795%
7	7.698	828	835	844	rVB	2522477	3919261	34.33%	5.756%
8	8.528	969	976	988	rBV	2460826	3850460	33.73%	5.655%
9	10.139	1243	1250	1261	rBV	953702	1561435	13.68%	2.293%
10	12.651	1670	1677	1687	rBV	5684189	7945495	69.60%	11.669%
11	13.510	1817	1823	1830	rBV	1261328	1707781	14.96%	2.508%
12	14.039	1907	1913	1922	rVB2	1396037	2090258	18.31%	3.070%
13	15.545	2162	2169	2180	rBV	5238801	7138022	62.53%	10.483%
14	15.798	2207	2212	2225	rVB4	72727	133434	1.17%	0.196%
15	16.798	2376	2382	2392	rVB	1902769	2542390	22.27%	3.734%
16	17.727	2535	2540	2549	rBV2	664933	905234	7.93%	1.329%
17	18.874	2731	2735	2737	rBV5	94416	118117	1.03%	0.173%
18	19.027	2756	2761	2772	rBV2	757545	960171	8.41%	1.410%
19	19.462	2829	2835	2842	rBV	9914100	11416129	100.00%	16.766%
20	20.774	3054	3058	3067	rBV7	167195	354575	3.11%	0.521%
21	21.015	3094	3099	3106	rBV	2173446	2680899	23.48%	3.937%
22	23.127	3452	3458	3467	rVB2	1291487	2342084	20.52%	3.440%

Sum of corrected areas: 68091539

LSC Report - Integrated Chromatogram

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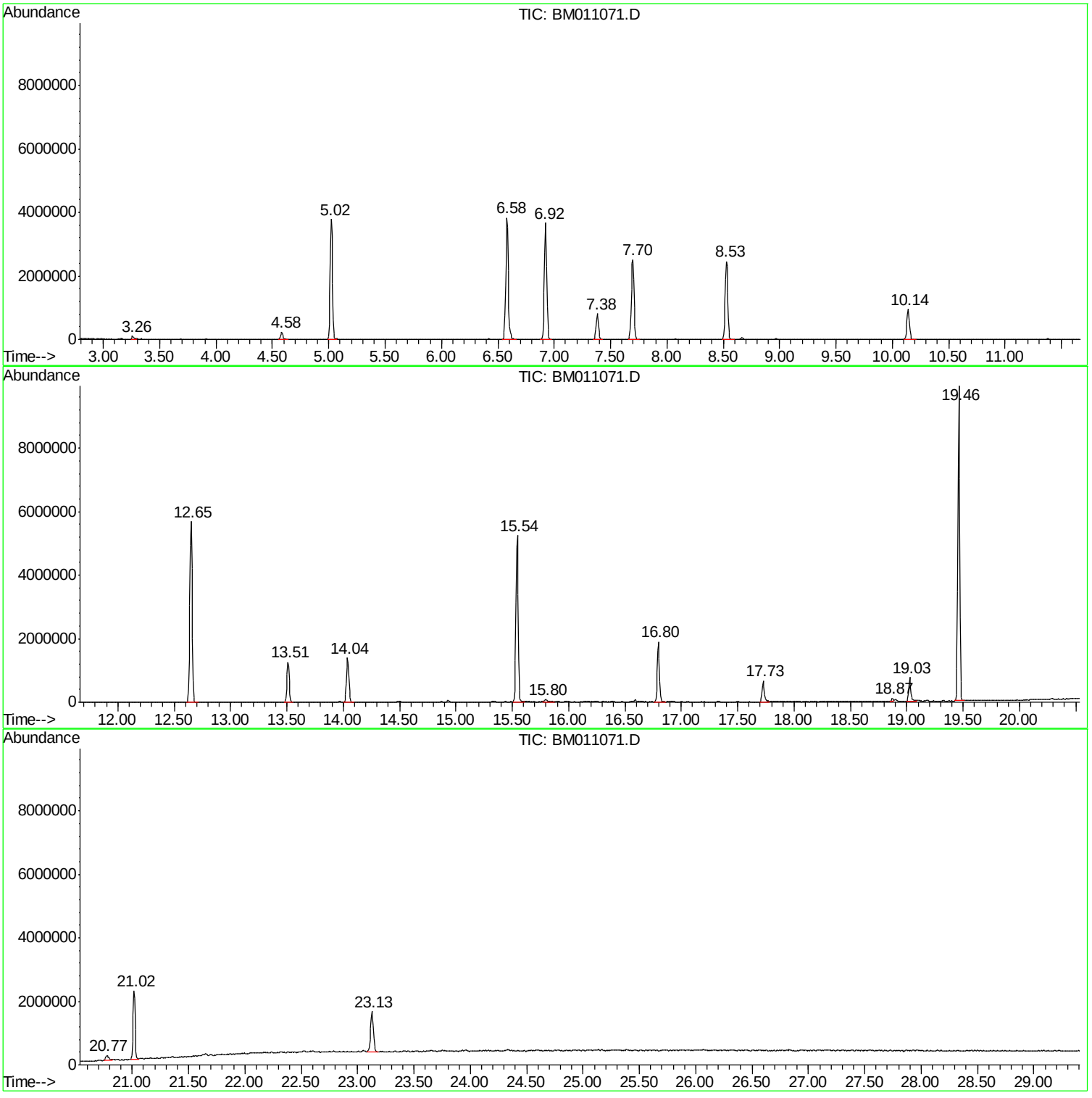
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A2-B2-C2-D2

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 : BM011071.D
Acq On : 31 Jul 2017 17:07
Operator : SJ/JU
Sample : I4490-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-A2-B2-C2-D2

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

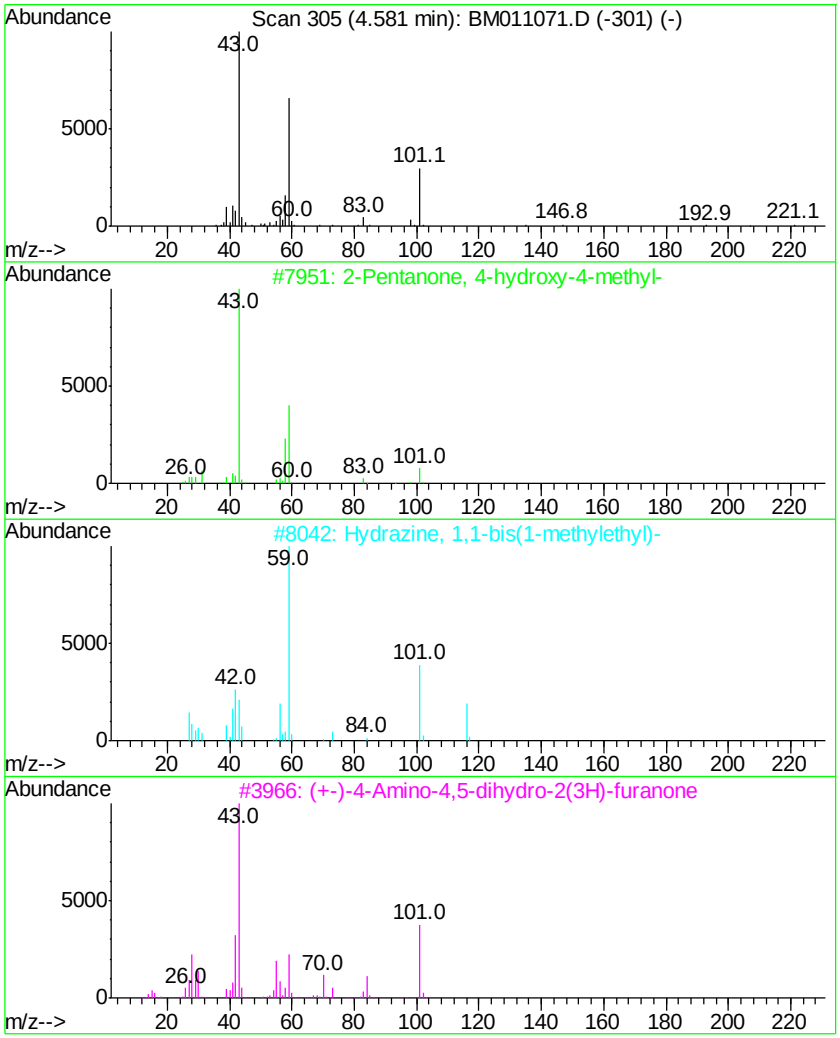
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

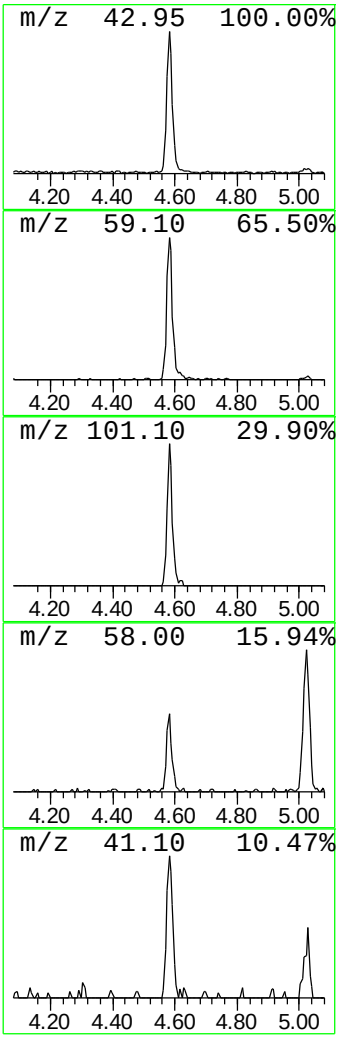
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	5.18 ng	316366	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	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	Dimethadione	129	C5H7NO3	000695-53-4	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011071.D
Acq On : 31 Jul 2017 17:07
Operator : SJ/JU
Sample : I4490-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-A2-B2-C2-D2

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

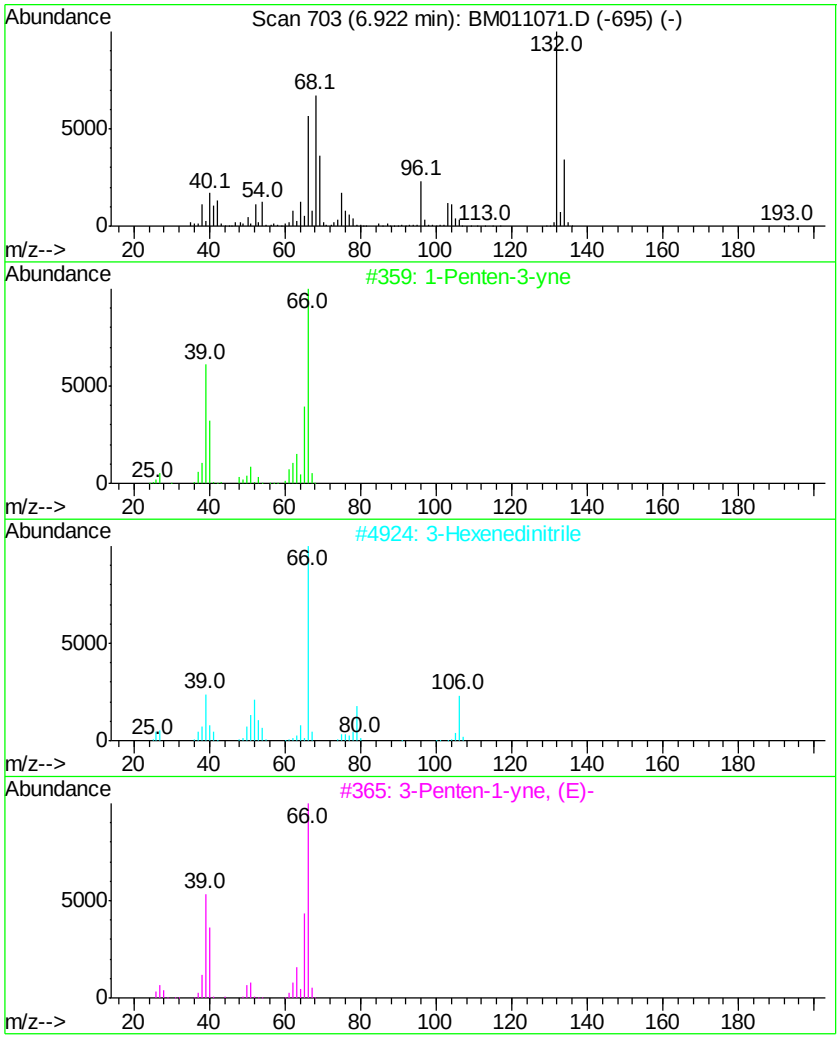
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

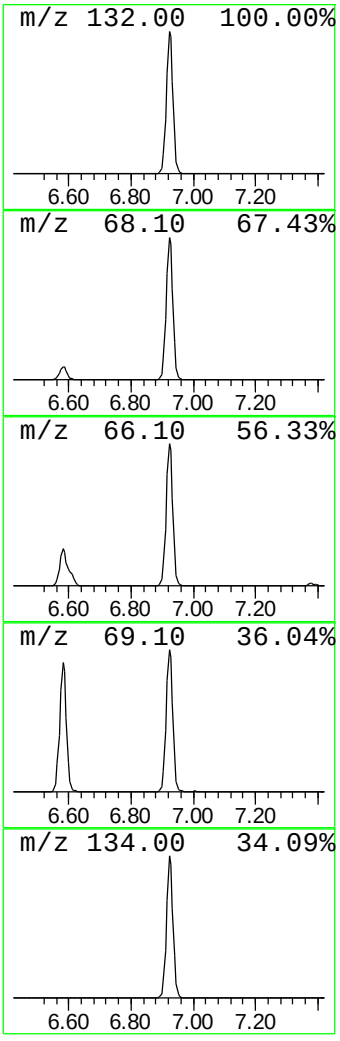
****

Peak Number 2 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	92.05 ng	5626510	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne	66	C5H6	000646-05-9	38
2	3-Hexenedinitrile	106	C6H6N2	001119-85-3	35
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	35
4	1,3-Cyclopentadiene	66	C5H6	000542-92-7	35
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 : BM011071.D
Acq On : 31 Jul 2017 17:07
Operator : SJ/JU
Sample : I4490-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-A2-B2-C2-D2

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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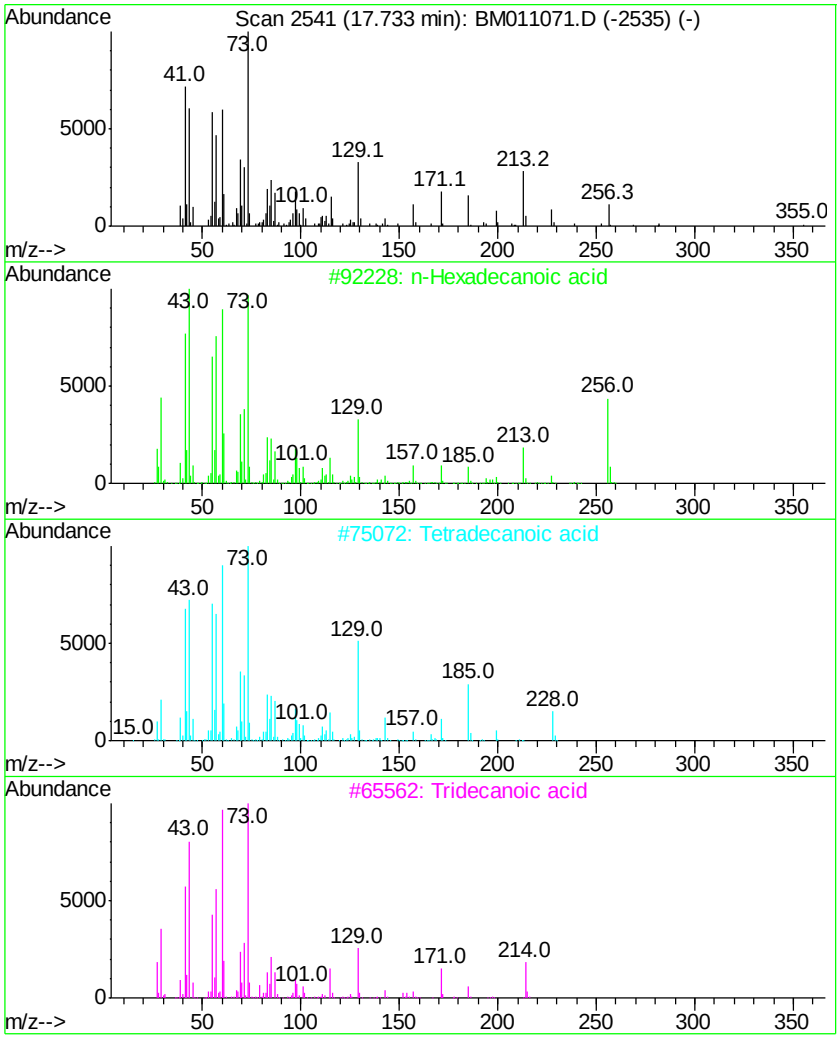
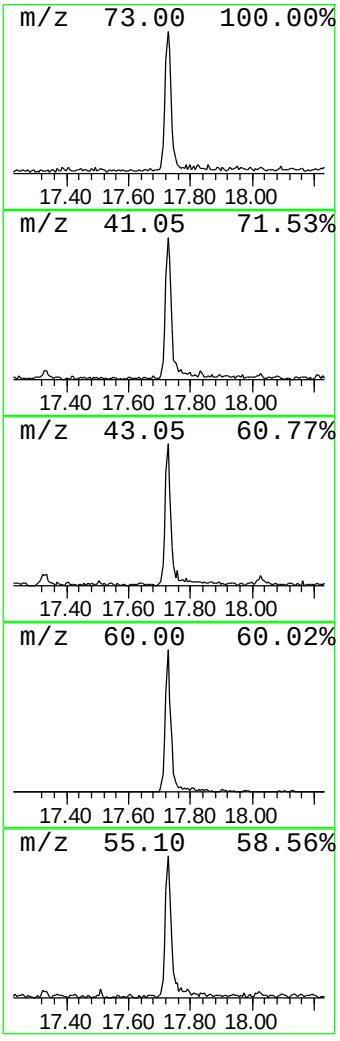
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	7.12 ng	905234	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Data File : BM011071.D
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Operator : SJ/JU
Sample : I4490-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-A2-B2-C2-D2

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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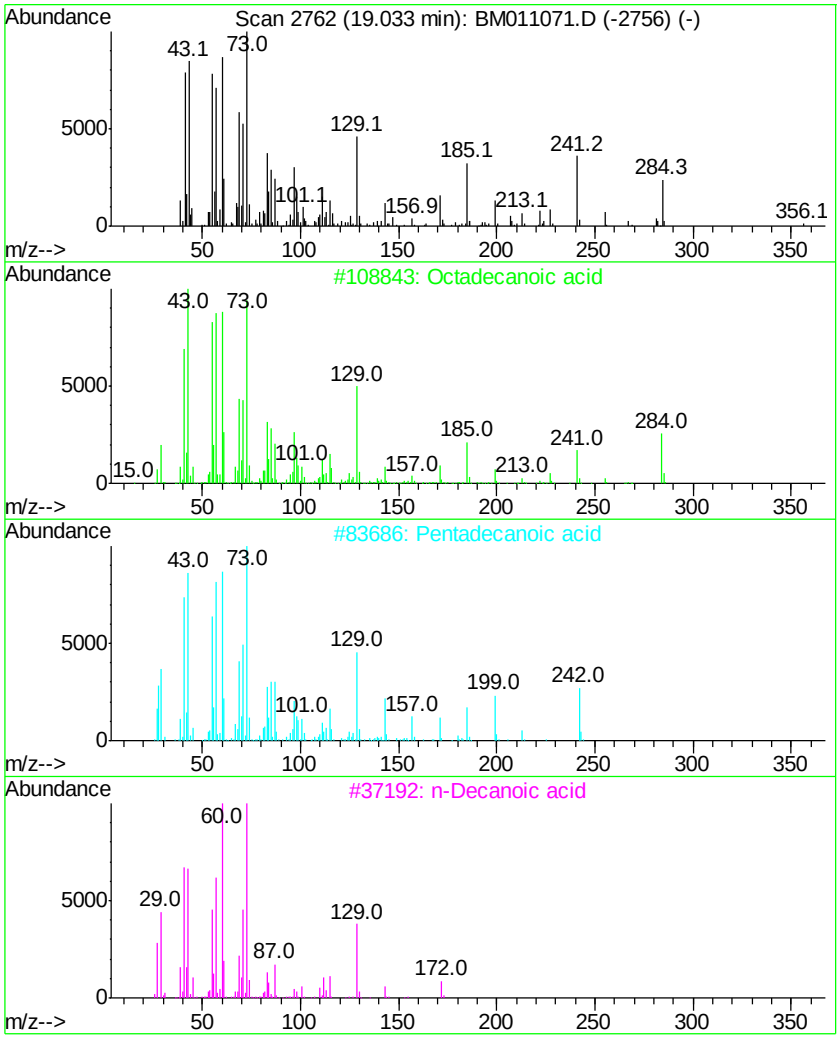
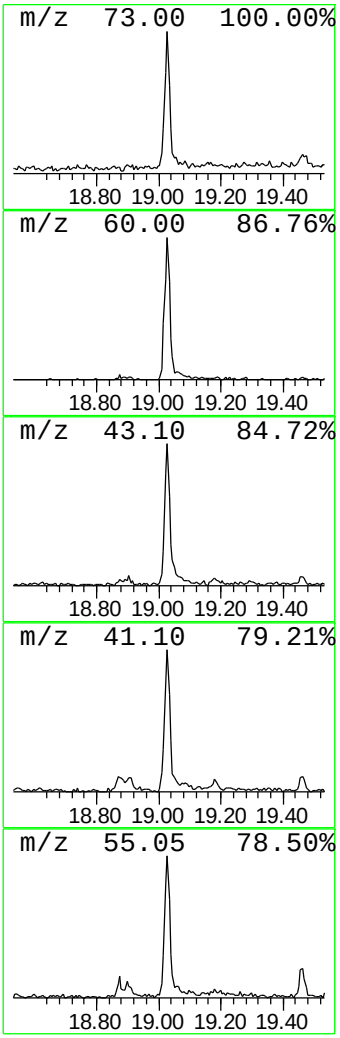
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	7.16 ng	960171	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Operator : SJ/JU
Sample : I4490-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-01-A2-B2-C2-D2

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

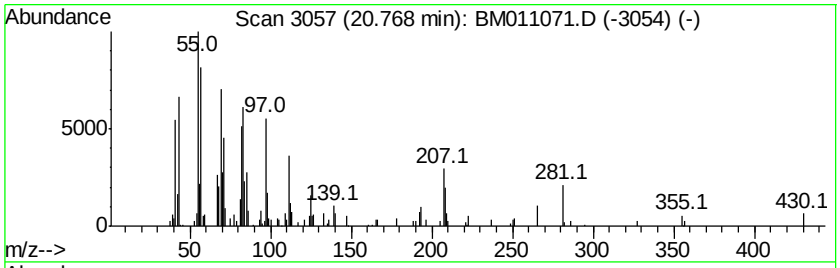
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

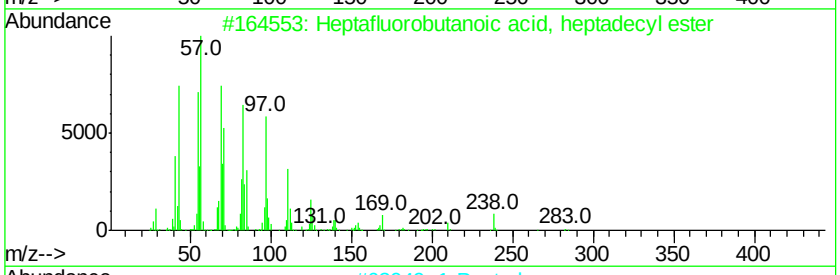
****

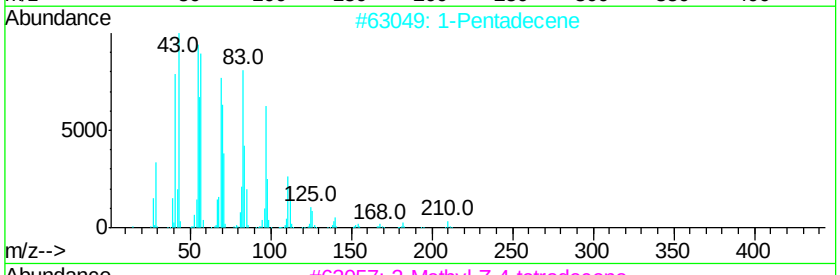
Peak Number 6 Heptafluorobutanoic acid, h... Concentration Rank 6

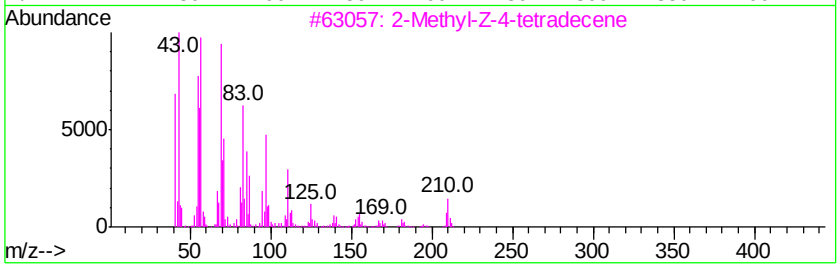
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.65 ng	354575	Chrysene-d12	21.02

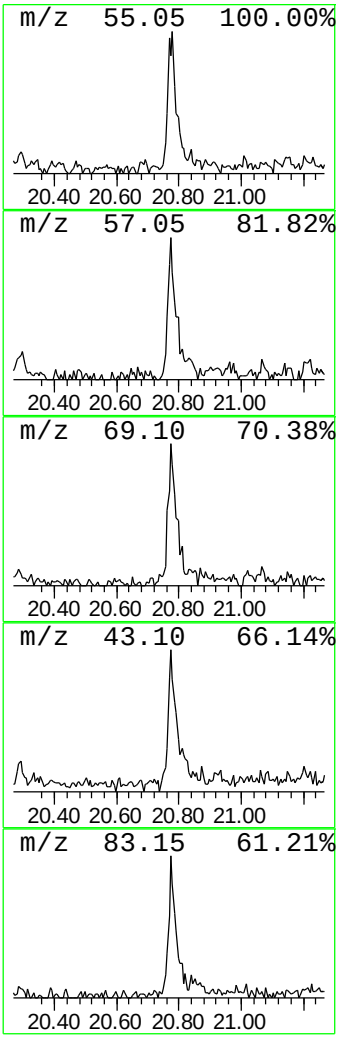
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	89
2	1-Pentadecene	210	C15H30	013360-61-7	81
3	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	76
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	76
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	74











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	5.2	ng	316366	1	7.38	1222460	20.0
unknown6.92	6.92	92.0	ng	5626510	1	7.38	1222460	20.0
n-Hexadecanoic acid	17.73	7.1	ng	905234	4	16.80	2542390	20.0
Octadecanoic acid	19.03	7.2	ng	960171	5	21.02	2680900	20.0
Heptafluorobutano...	20.77	2.6	ng	354575	5	21.02	2680900	20.0