

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019522.D
 Acq On : 28 Mar 2019 01:40
 Operator : JU/SJ
 Sample : K2063-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6R6

Manual Integrations
 APPROVED

Sohil
 3/28/2019 3:18:33 PM

Quant Time: Mar 28 07:02:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	113573	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	492728	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	278347	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	615643	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	733352	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	931734	20.00	ng/ul	-0.01

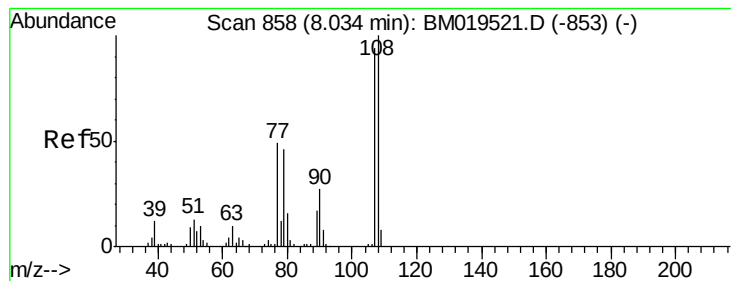
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	10575	3.65	ng/uL	-0.01
5) Phenol-d5	6.78	99	77674	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	220453	32.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	216740	28.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	144819	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	167310	47.60	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	146650	37.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	245233	33.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	434	0.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	802402	35.73	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	982827	35.00	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	35807m	10.17	ng/ul	0.01
58) Fluorene-d10	15.25	176	661096	34.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	133127	32.70	ng/ul	-0.01
71) Anthracene-d10	17.10	188	1053527	35.66	ng/ul	-0.01
79) Pyrene-d10	19.41	212	1147499	33.88	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.28	264	1580252	31.99	ng/ul	-0.01

Target Compounds

					Qvalue	
11) 2-Methylphenol	8.05	108	22282	3.027	ng/ul	99
14) Acetophenone	8.42	105	148507	12.012	ng/ul	94
16) 4-Methylphenol	8.36	108	22825	2.827	ng/ul	81
24) 2,4-Dimethylphenol	9.57	107	23730	2.531	ng/ul#	69
28) Naphthalene	10.43	128	10712112	419.665	ng/ul	98
34) 2-Methylnaphthalene	12.04	142	1816632	101.569	ng/ul	99
35) 1-Methylnaphthalene	12.26	142	932797	55.235	ng/ul	98
41) 1,1'-Biphenyl	13.07	154	32594	1.375	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#11

2-Methylphenol

Concen: 3.027 ng/ul

RT: 8.05 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM019522.D

Acq: 28 Mar 2019 01:40

Instrument :

BNA_M

ClientSampled :

DB6R6

Tgt Ion:108 Resp: 22282

Ion Ratio Lower Upper

108 100

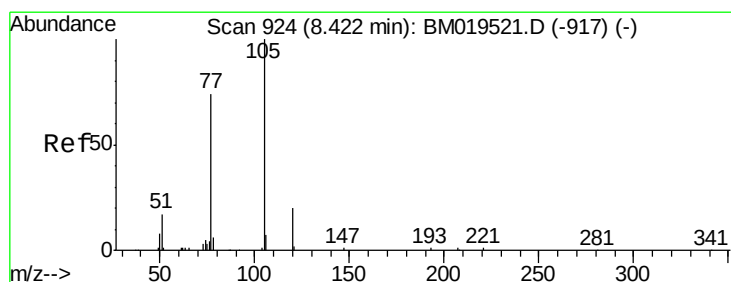
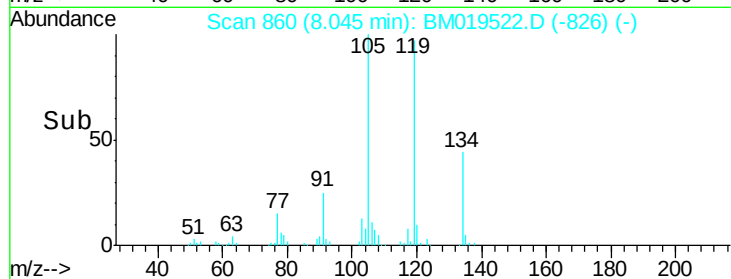
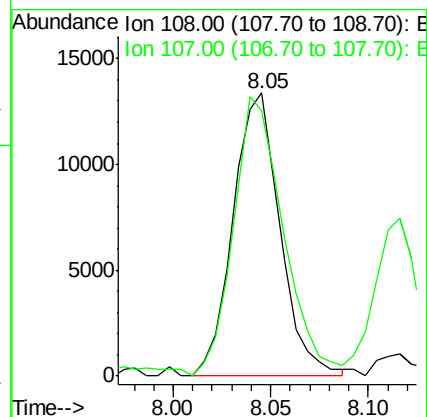
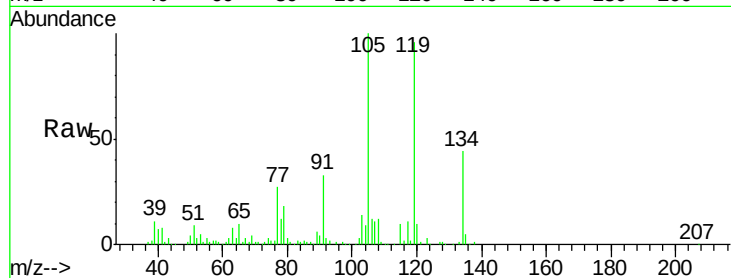
107 93.7 74.1 111.1

Manual Integrations

APPROVED

Sohil

3/28/2019 3:18:33 PM



#14

Acetophenone

Concen: 12.012 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM019522.D

Acq: 28 Mar 2019 01:40

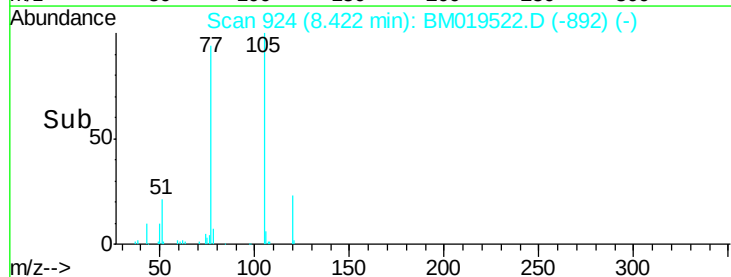
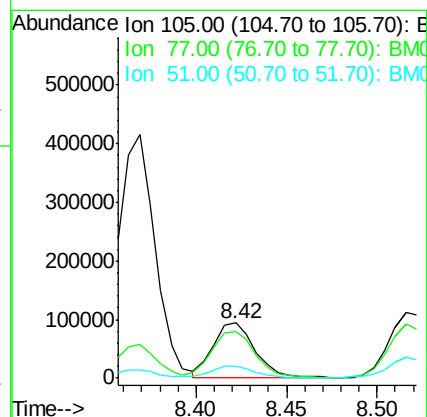
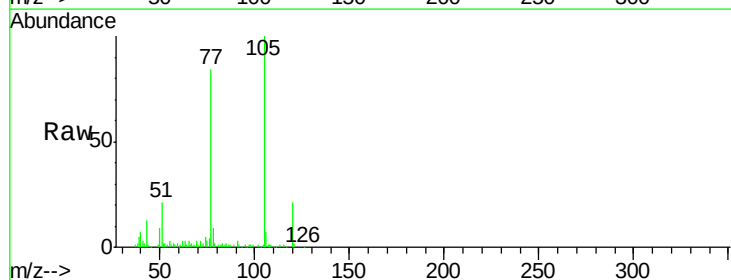
Tgt Ion:105 Resp: 148507

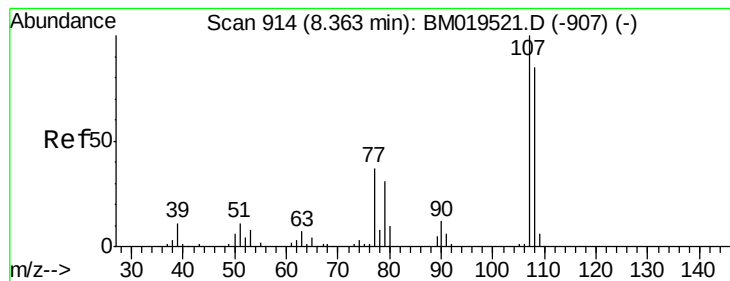
Ion Ratio Lower Upper

105 100

77 84.0 63.2 94.8

51 20.6 19.8 29.8





#16

4-Methylphenol

Concen: 2.827 ng/ul

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM019522.D

Acq: 28 Mar 2019 01:40

Instrument :

BNA_M

ClientSampled :

DB6R6

Tgt Ion:108 Resp: 22825

Ion Ratio Lower Upper

108 100

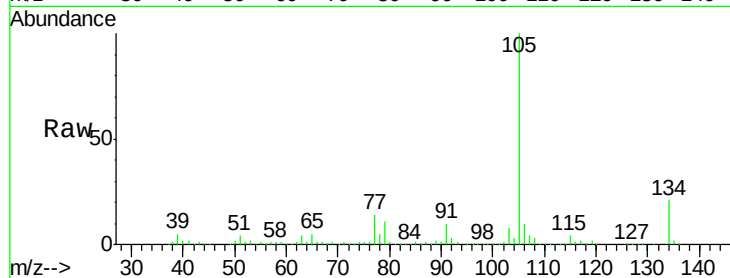
107 138.0 93.6 140.4

Manual Integrations

APPROVED

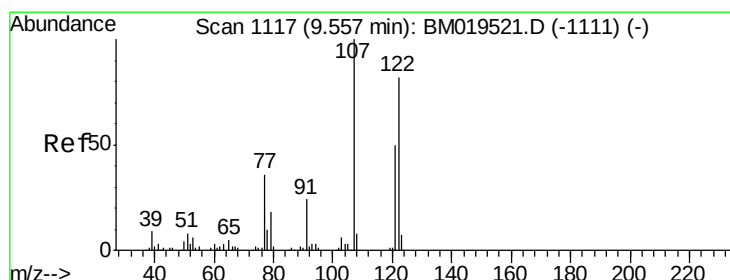
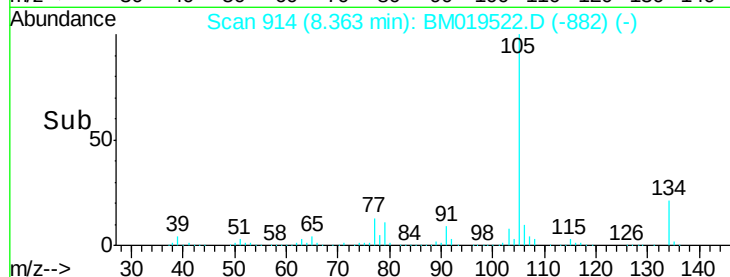
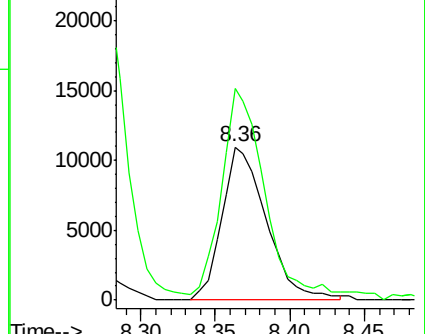
Sohil

3/28/2019 3:18:33 PM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#24

2,4-Dimethylphenol

Concen: 2.531 ng/ul

RT: 9.57 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BM019522.D

Acq: 28 Mar 2019 01:40

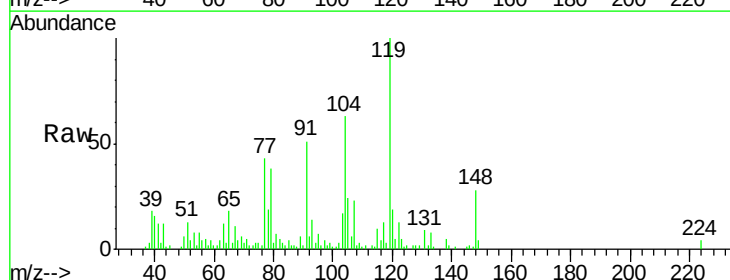
Tgt Ion:107 Resp: 23730

Ion Ratio Lower Upper

107 100

121 23.4 38.1 57.1#

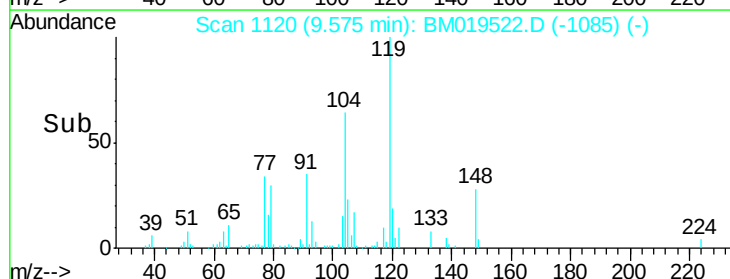
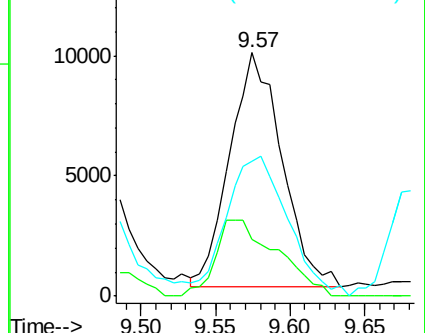
122 55.4 63.8 95.8#

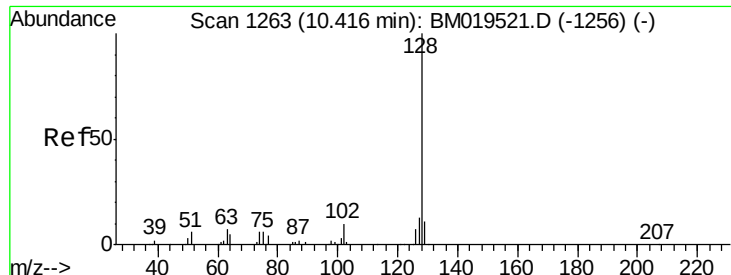


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





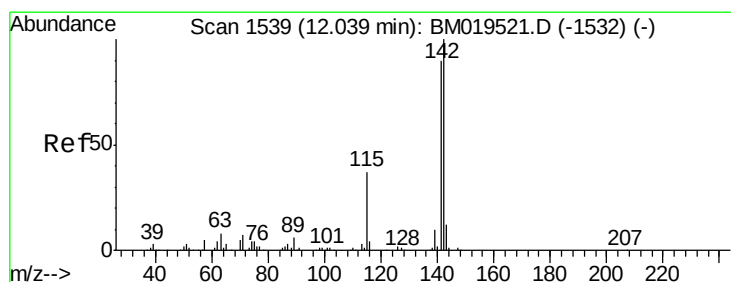
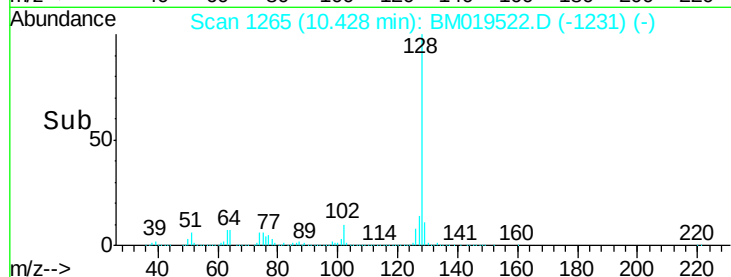
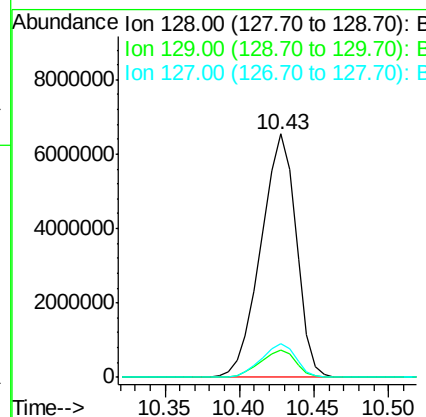
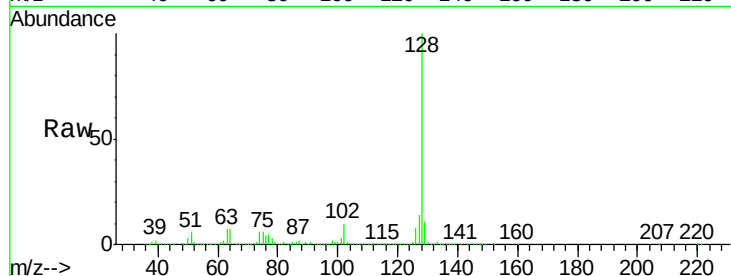
#28
Naphthalene
Concen: 419.665 ng/ul
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM019522.D
Acq: 28 Mar 2019 01:40

Instrument :
BNA_M
ClientSampled :
DB6R6

Tgt Ion:128 Resp:10712112
Ion Ratio Lower Upper
128 100
129 11.5 8.3 12.5
127 14.0 10.8 16.2

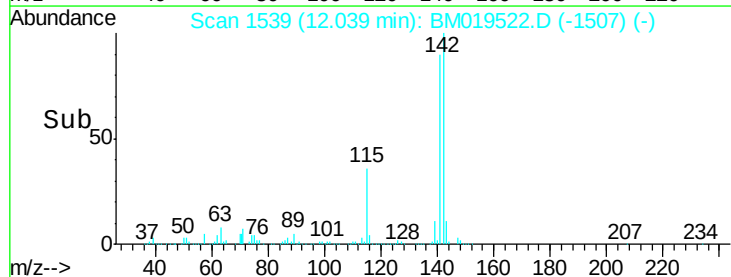
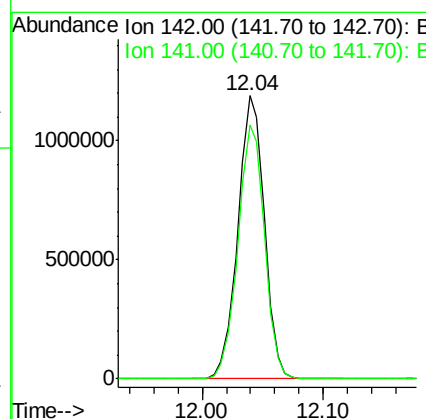
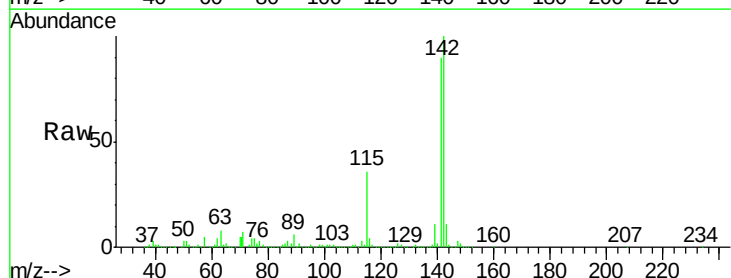
Manual Integrations
APPROVED

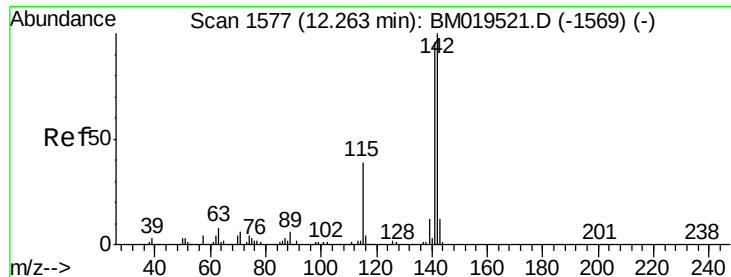
Sohil
3/28/2019 3:18:33 PM



#34
2-Methylnaphthalene
Concen: 101.569 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM019522.D
Acq: 28 Mar 2019 01:40

Tgt Ion:142 Resp: 1816632
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2





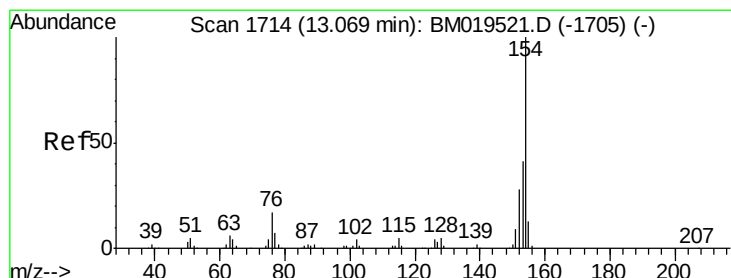
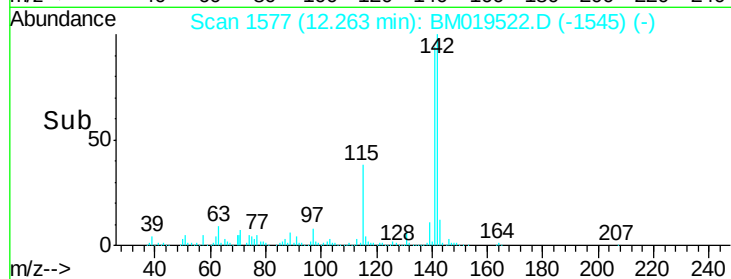
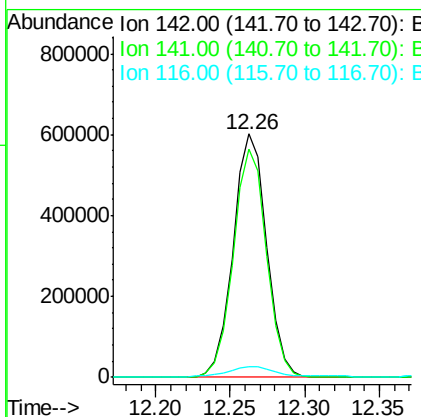
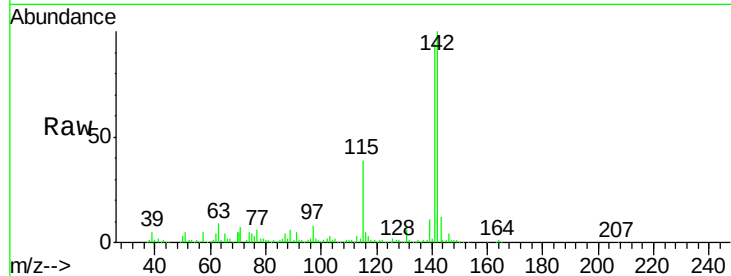
#35
 1-Methylnaphthalene
 Concen: 55.235 ng/ul
 RT: 12.26 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM019522.D
 Acq: 28 Mar 2019 01:40

Instrument :
 BNA_M
 ClientSampleId :
 DB6R6

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	932797		
141	93.9	76.6	115.0	
116	4.6	3.6	5.4	

Manual Integrations
 APPROVED

Sohil
 3/28/2019 3:18:33 PM



#41
 1,1'-Biphenyl
 Concen: 1.375 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM019522.D
 Acq: 28 Mar 2019 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	32594		
153	41.1	34.0	51.0	
76	20.9	8.4	12.6#	

