

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019526.D
 Acq On : 28 Mar 2019 04:08
 Operator : JU/SJ
 Sample : K2063-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6S4

Manual Integrations
 APPROVED

Sohil
 3/28/2019 3:18:37 PM

Quant Time: Mar 28 08:14:21 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	92550	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	395937	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	227658	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	505751	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	607020	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	776237	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9743	4.12	ng/uL	-0.01
5) Phenol-d5	6.77	99	72963	8.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	168410	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	166053	26.58	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	114808	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	118603	41.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	112506	35.79	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	185212	31.23	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	116	0.02	ng/ul	-0.02
44) Dimethylphthalate-d6	13.66	166	633038	34.46	ng/ul	-0.01
47) Acenaphthylene-d8	13.94	160	766103	33.35	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	31093m	10.80	ng/ul	0.01
58) Fluorene-d10	15.24	176	519188	32.81	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	105056	31.41	ng/ul	-0.01
71) Anthracene-d10	17.10	188	849493	35.00	ng/ul	-0.01
79) Pyrene-d10	19.41	212	964117	34.39	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	1345596	32.70	ng/ul	-0.02

Target Compounds

						Qvalue
11) 2-Methylphenol	8.04	108	23370	3.896	ng/ul	98
14) Acetophenone	8.42	105	80931	8.033	ng/ul	91
16) 4-Methylphenol	8.36	108	28327	4.306	ng/ul	96
24) 2,4-Dimethylphenol	9.56	107	30585m	4.059	ng/ul	
28) Naphthalene	10.42	128	9520975	464.184	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	1234270	85.879	ng/ul	98
35) 1-Methylnaphthalene	12.26	142	596220	43.935	ng/ul	98

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

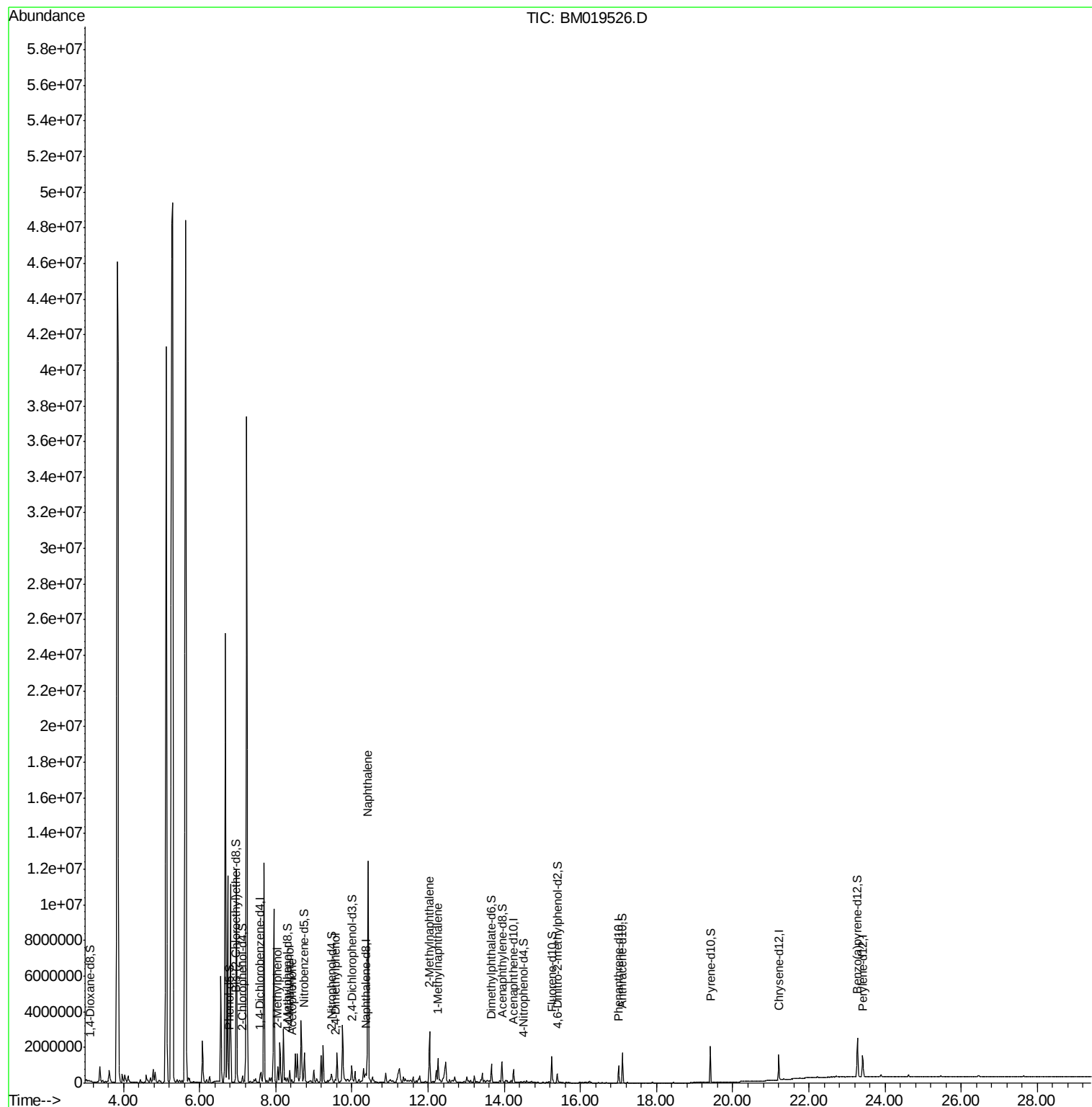
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019526.D
Acq On : 28 Mar 2019 04:08
Operator : JU/SJ
Sample : K2063-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

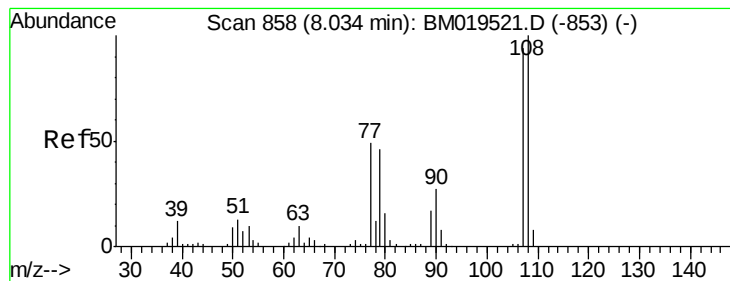
Instrument :
BNA_M
ClientSampleId :
DB6S4

Manual Integrations
APPROVED

Sohil
3/28/2019 3:18:37 PM

Quant Time: Mar 28 08:14:21 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





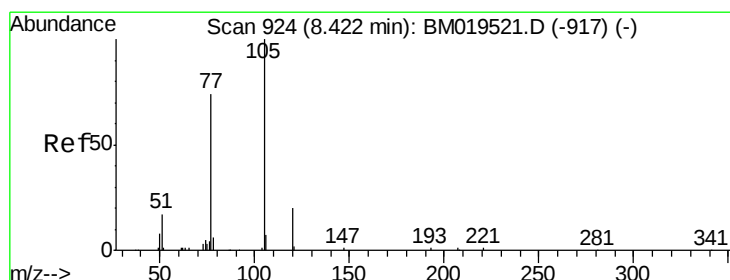
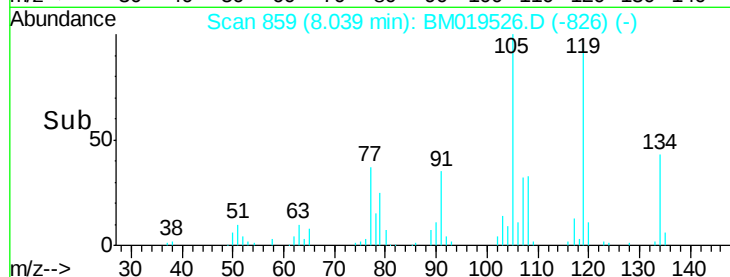
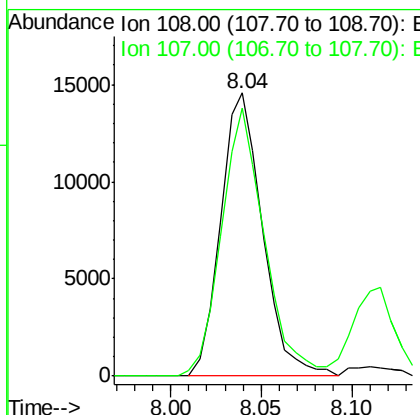
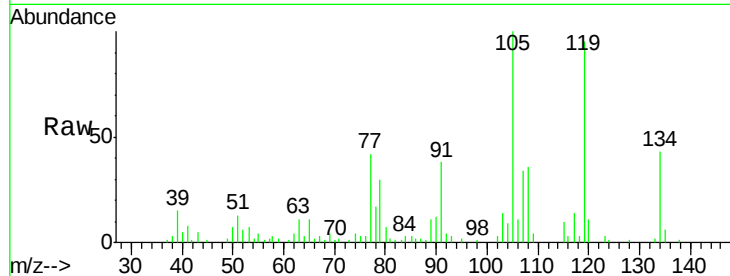
#11
2-Methylphenol
Concen: 3.896 ng/ul
RT: 8.04 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM019526.D
Acq: 28 Mar 2019 04:08

Instrument :
BNA_M
ClientSampleId :
DB6S4

Tgt Ion:108 Resp: 23370
Ion Ratio Lower Upper
108 100
107 94.8 74.1 111.1

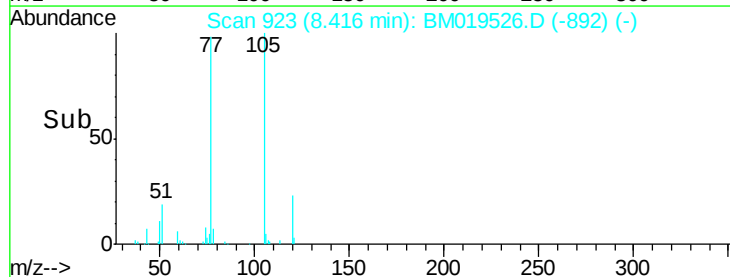
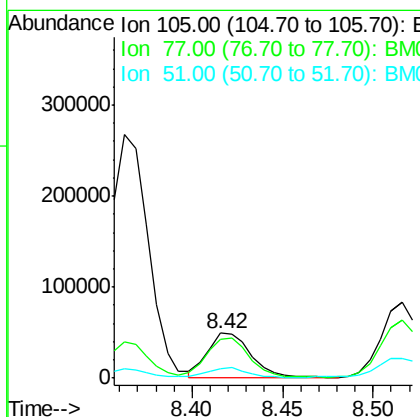
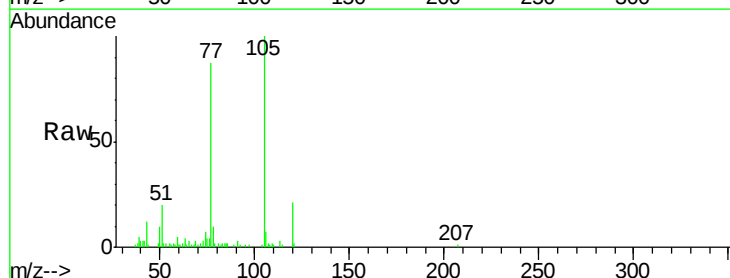
Manual Integrations
APPROVED

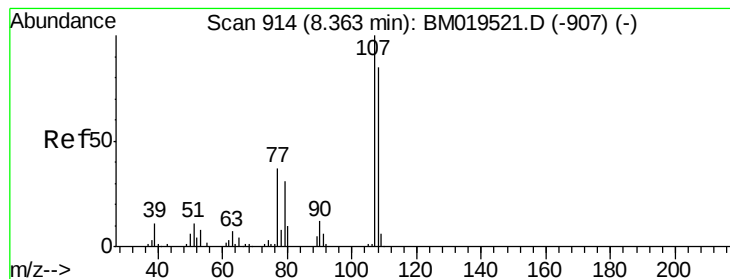
Sohil
3/28/2019 3:18:37 PM



#14
Acetophenone
Concen: 8.033 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM019526.D
Acq: 28 Mar 2019 04:08

Tgt Ion:105 Resp: 80931
Ion Ratio Lower Upper
105 100
77 86.5 63.2 94.8
51 20.4 19.8 29.8





#16

4-Methylphenol

Concen: 4.306 ng/ul

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

Instrument :

BNA_M

ClientSampleId :

DB6S4

Tgt Ion:108 Resp: 28327

Ion Ratio Lower Upper

108 100

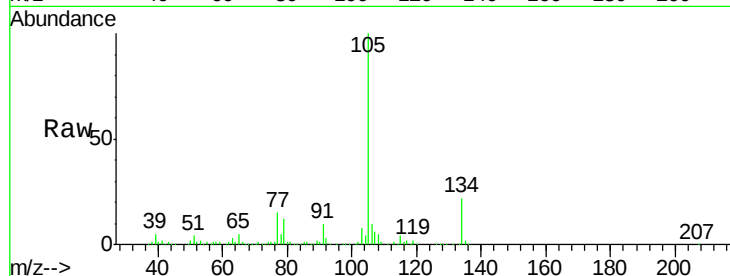
107 121.8 93.6 140.4

Manual Integrations

APPROVED

Sohil

3/28/2019 3:18:37 PM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

20000

15000

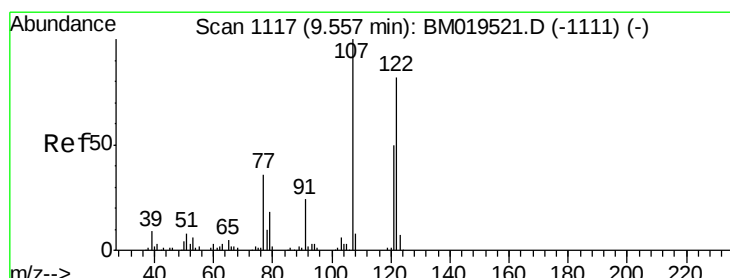
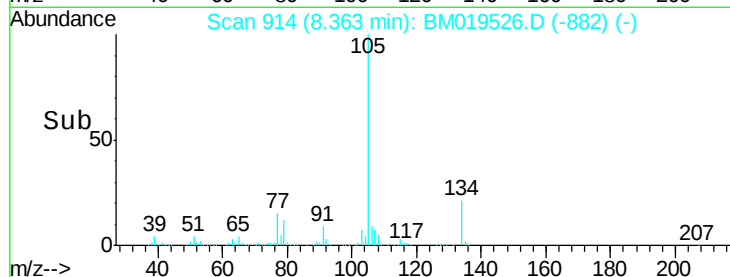
10000

5000

0

8.30 8.35 8.40 8.45

Time-->



#24

2,4-Dimethylphenol

Concen: 4.059 ng/ul m

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM019526.D

Acq: 28 Mar 2019 04:08

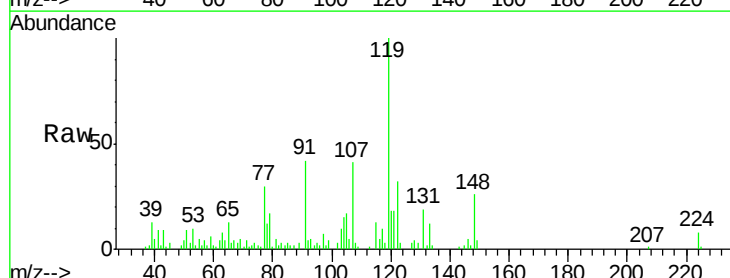
Tgt Ion:107 Resp: 30585

Ion Ratio Lower Upper

107 100

121 45.0 38.1 57.1

122 78.4 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

15000

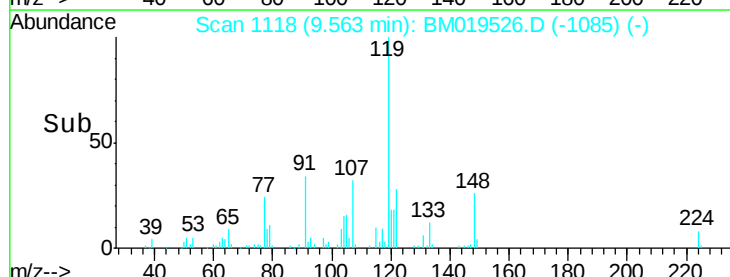
10000

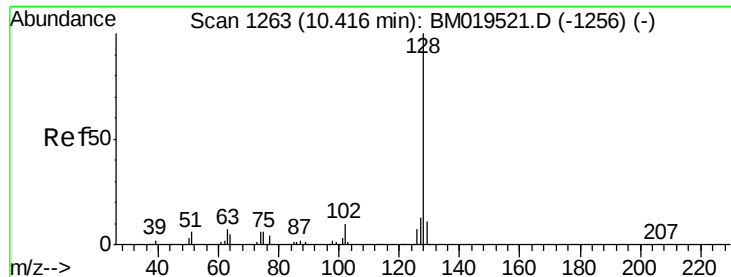
5000

0

9.50 9.55 9.60 9.65

Time-->





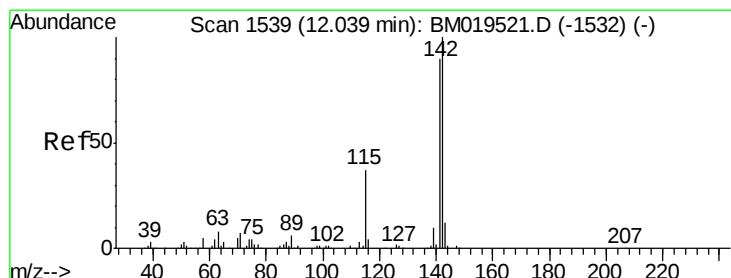
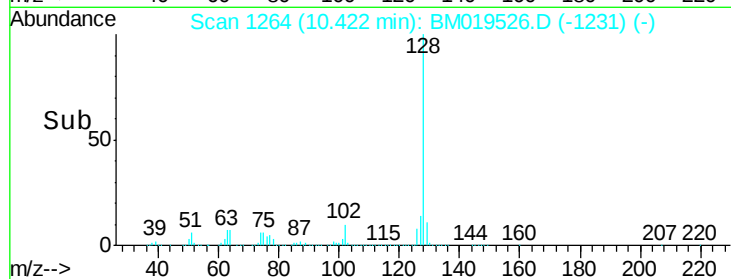
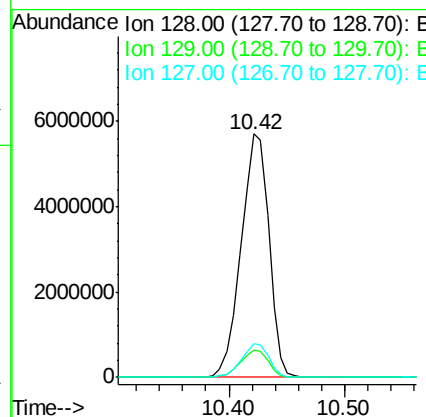
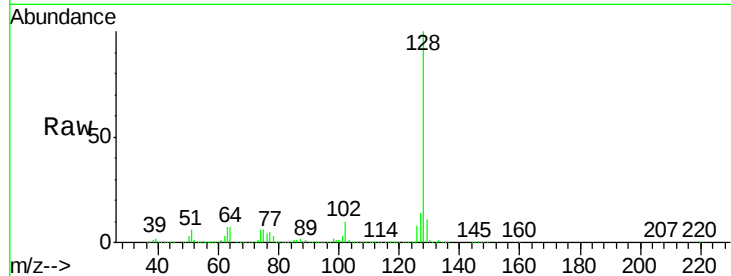
#28
Naphthalene
Concen: 464.184 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM019526.D
Acq: 28 Mar 2019 04:08

Instrument :
BNA_M
ClientSampleId :
DB6S4

Tgt Ion:128 Resp: 9520975
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.7 10.8 16.2

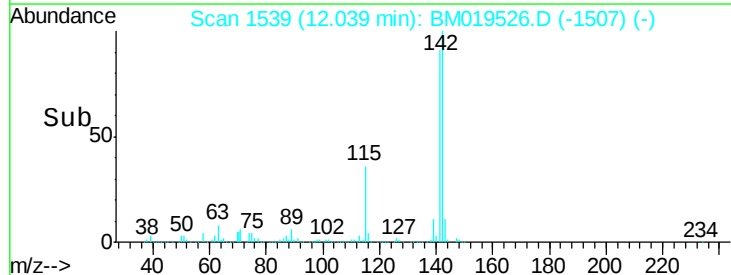
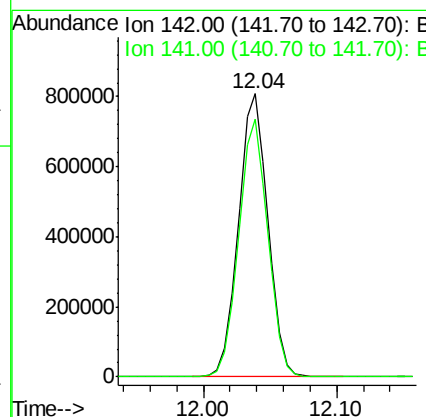
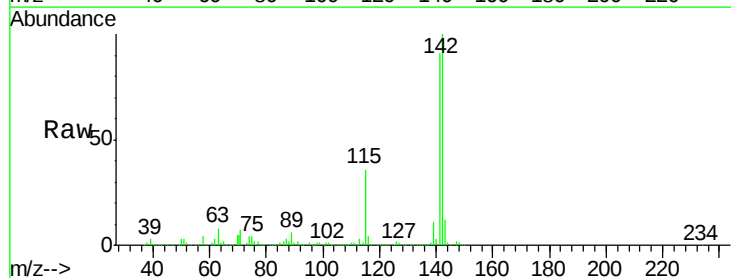
Manual Integrations
APPROVED

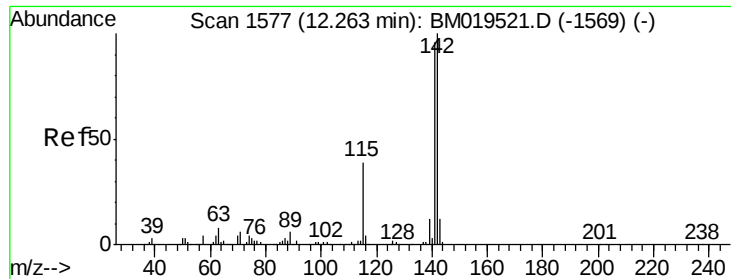
Sohil
3/28/2019 3:18:37 PM



#34
2-Methylnaphthalene
Concen: 85.879 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM019526.D
Acq: 28 Mar 2019 04:08

Tgt Ion:142 Resp: 1234270
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2





#35
 1-Methylnaphthalene
 Concen: 43.935 ng/uI
 RT: 12.26 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BM019526.D
 Acq: 28 Mar 2019 04:08

Instrument :
 BNA_M
 ClientSampleId :
 DB6S4

Tgt Ion:	142	Resp:	596220
Ion Ratio	Lower	Upper	
142	100		
141	93.5	76.6	115.0
116	3.9	3.6	5.4

Manual Integrations
 APPROVED

Sohil
 3/28/2019 3:18:37 PM

