

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022368.D
 Acq On : 27 Aug 2019 15:19
 Operator : HP/JU
 Sample : K4373-11DL2 40X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL2

Manual Integrations
 APPROVED

mohammad
 8/28/2019 11:32:27 PM

Quant Time: Aug 27 19:12:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	26685	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	127976	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	92017	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	221727	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	200366	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	192969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	465	0.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	348	0.19	ng/ul	0.01
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.45	143	231	0.21	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.97	165	1087	0.48	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	6088	0.75	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	6109	0.70	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	5913	0.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.06	188	10687	0.91	ng/ul	-0.01
78) Pyrene-d10	19.37	212	11519	1.11	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	8277	0.78	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	8.02	108	3356	1.728	ng/ul 94
24) 2,4-Dimethylphenol	9.52	107	18122m	6.335	ng/ul
28) Naphthalene	10.36	128	660095	93.464	ng/ul 100
34) 2-Methylnaphthalene	11.99	142	29058	5.340	ng/ul 100
40) 1,1'-Biphenyl	13.02	154	17675	2.360	ng/ul 97
49) Acenaphthene	14.26	153	110892	17.257	ng/ul 98
53) Dibenzofuran	14.60	168	81837	8.551	ng/ul 98
58) Fluorene	15.26	166	57721	7.160	ng/ul 100
69) Phenanthrene	17.00	178	89706	6.763	ng/ul 100
74) Carbazole	17.39	167	78577	6.302	ng/ul 99

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

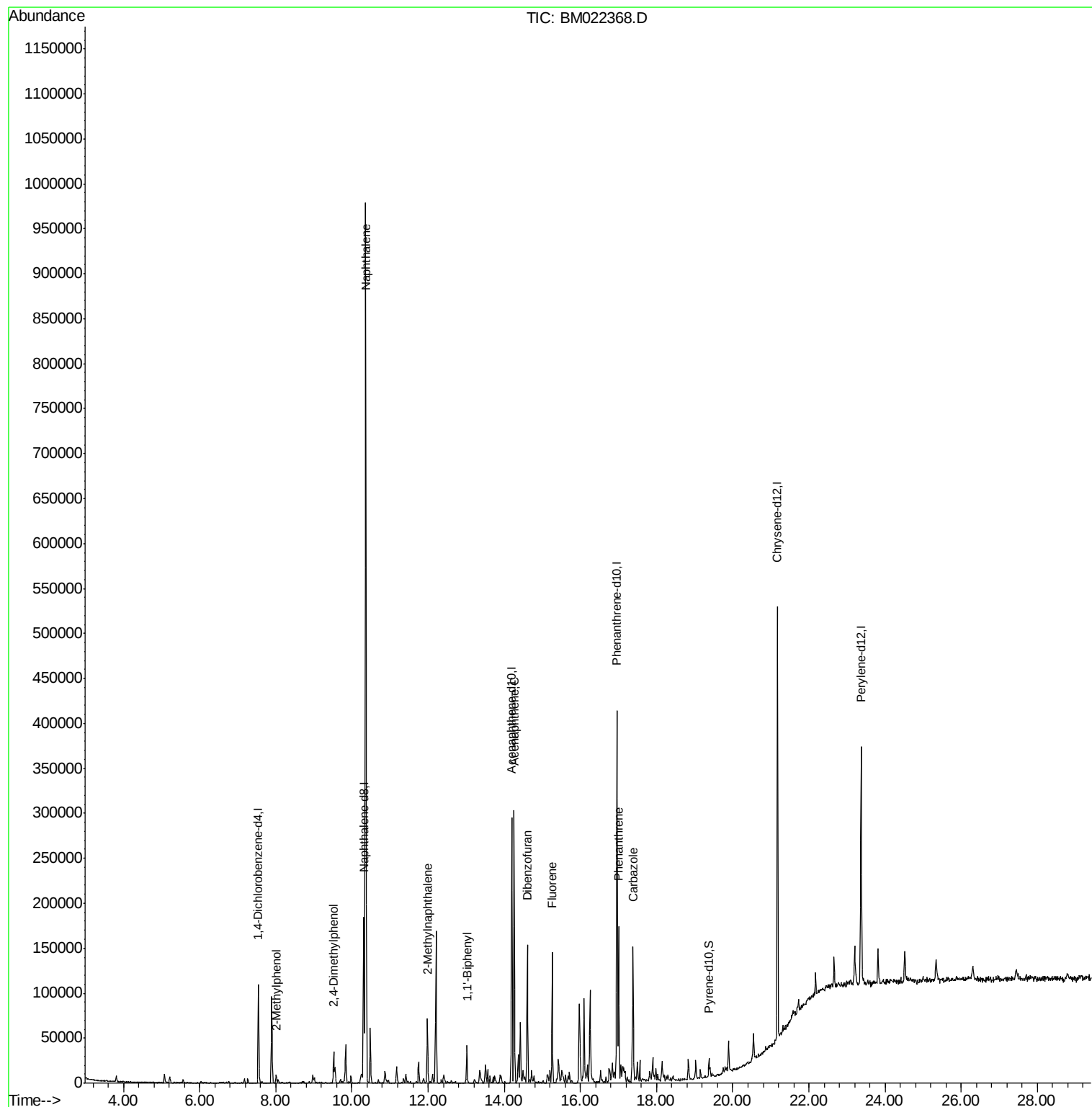
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022368.D
Acq On : 27 Aug 2019 15:19
Operator : HP/JU
Sample : K4373-11DL2 40X
Misc :
ALS Vial : 46 Sample Multiplier: 1

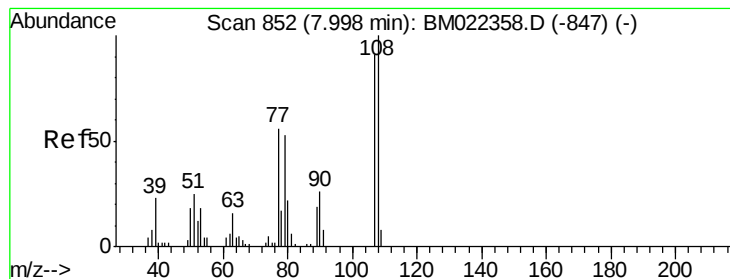
Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Quant Time: Aug 27 19:12:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/28/2019 11:32:27 PM





#11

2-Methylphenol

Concen: 1.728 ng/ul

RT: 8.02 min Scan# 855

Delta R.T. 0.01 min

Lab File: BM022368.D

Acq: 27 Aug 2019 15:19

Instrument :

BNA_M

ClientSampleID :

C0AB2DL2

Tot Ion:108 Resp: 3356

Ion Ratio Lower Upper

108 100

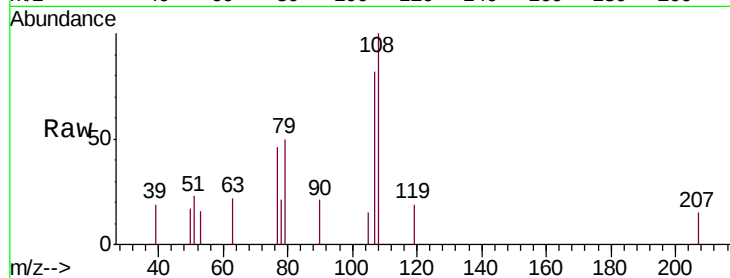
107 81.7 70.1 105.1

Manual Integrations

APPROVED

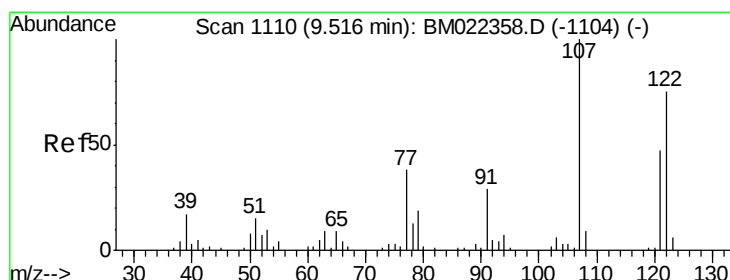
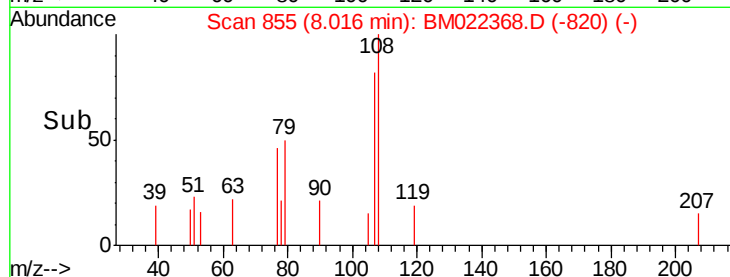
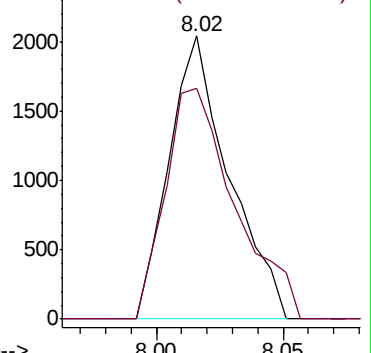
mohammad

8/28/2019 11:32:27 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: 6.335 ng/ul m

RT: 9.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM022368.D

Acq: 27 Aug 2019 15:19

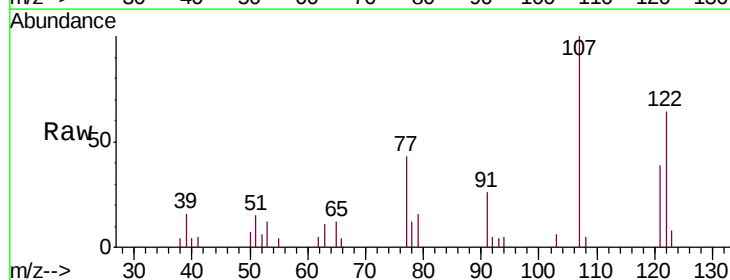
Tgt Ion:107 Resp: 18122

Ion Ratio Lower Upper

107 100

121 39.0 33.6 50.4

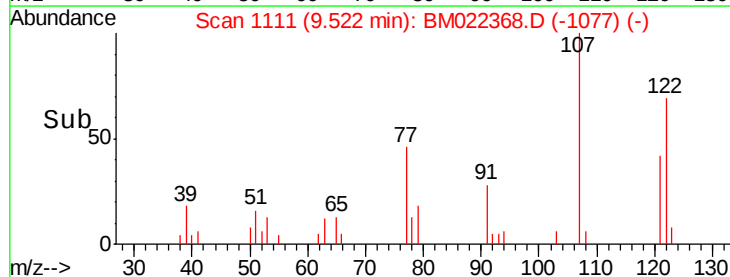
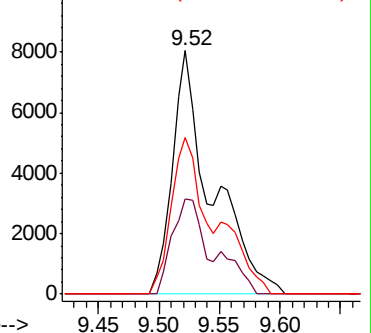
122 64.4 58.0 87.0

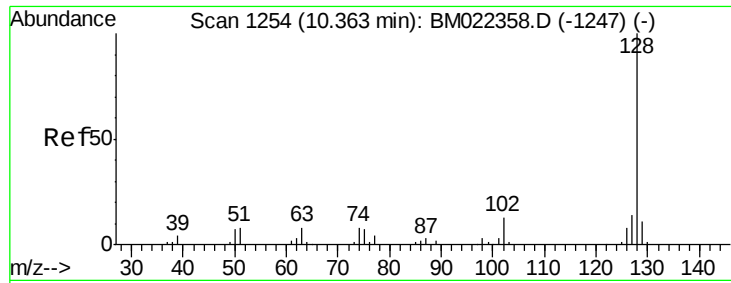


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





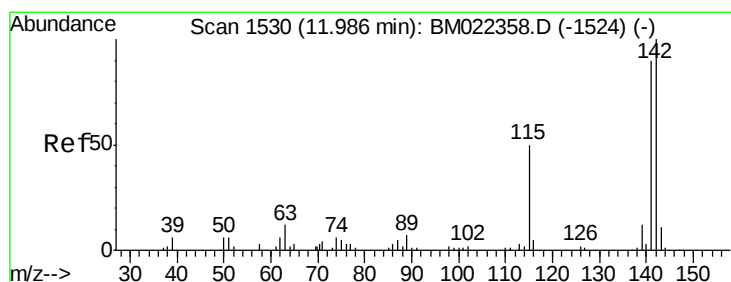
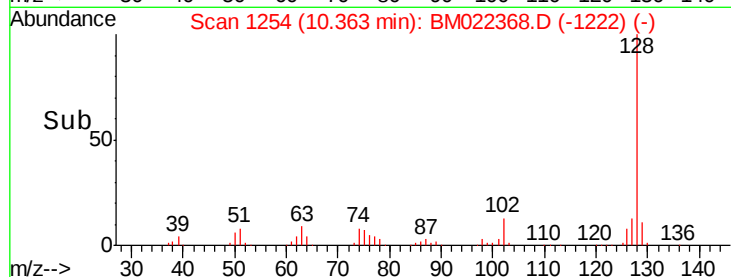
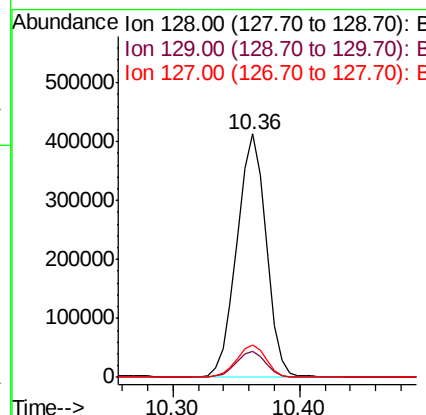
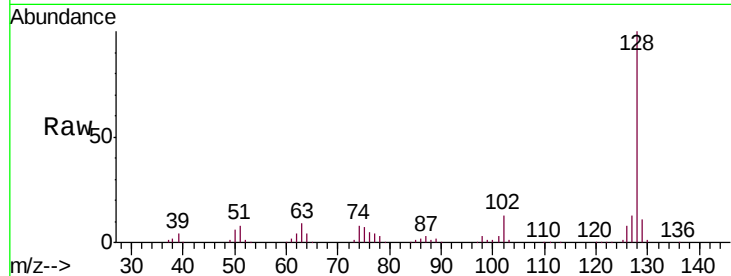
#28
Naphthalene
Concen: 93.464 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampled :
C0AB2DL2

Tot Ion	Ratio	Resp	Lower	Upper
128	100	660095		
129	10.7		8.6	13.0
127	13.2		10.4	15.6

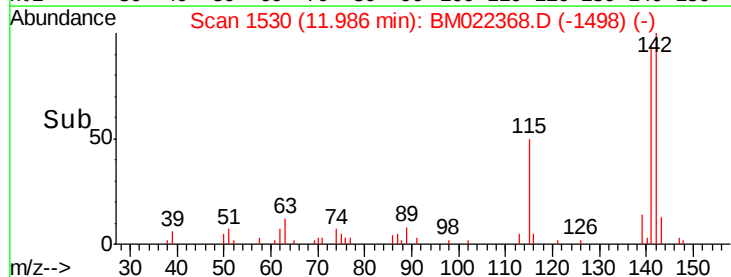
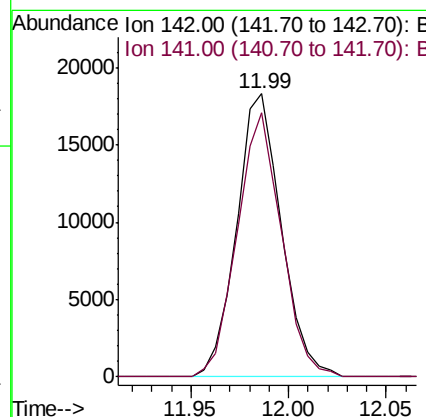
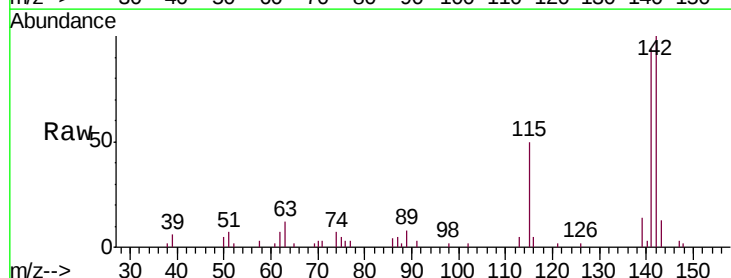
Manual Integrations
APPROVED

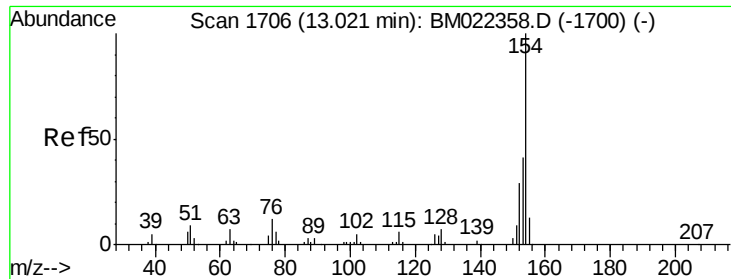
mohammad
8/28/2019 11:32:27 PM



#34
2-Methylnaphthalene
Concen: 5.340 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	29058		
141	93.5		75.1	112.7





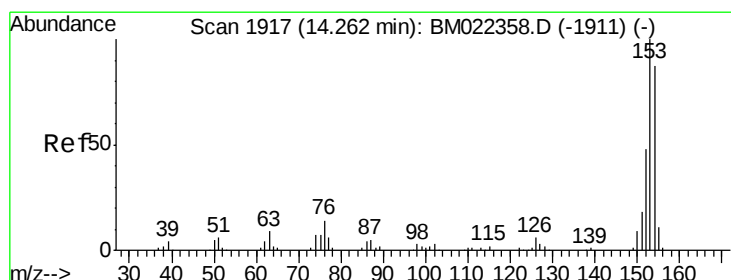
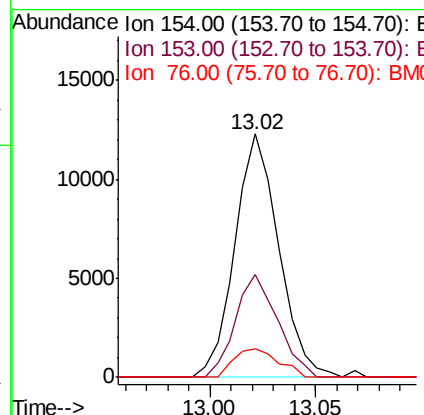
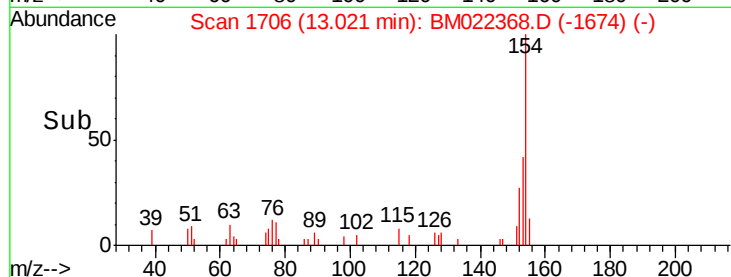
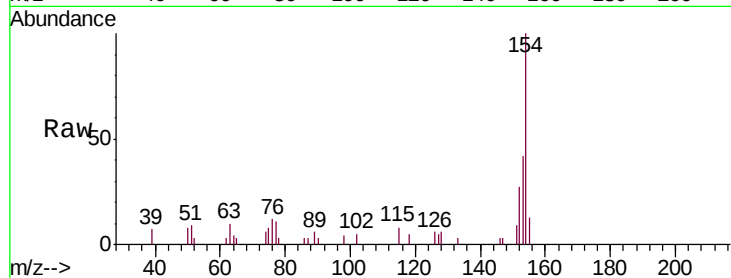
#40
1,1'-Biphenyl
Concen: 2.360 ng/ul
RT: 13.02 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	32.5	48.7
76	11.9	9.2	13.8

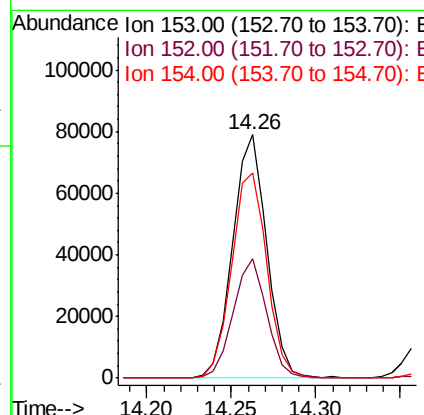
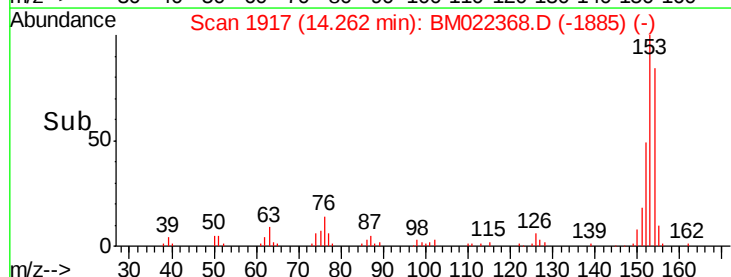
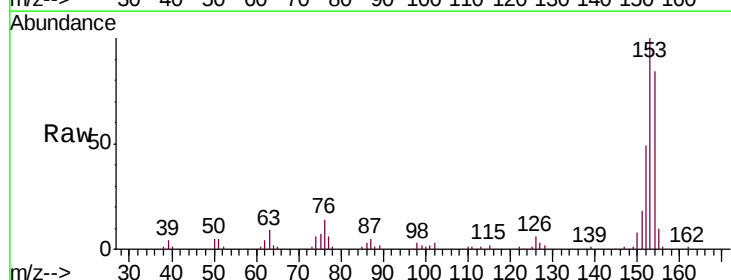
Manual Integrations
APPROVED

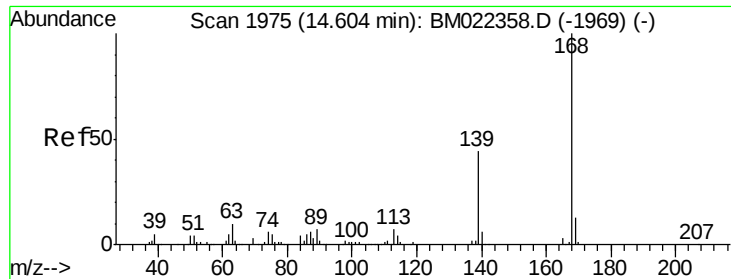
mohammad
8/28/2019 11:32:27 PM



#49
Acenaphthene
Concen: 17.257 ng/ul
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.9	38.6	58.0
154	84.1	68.9	103.3





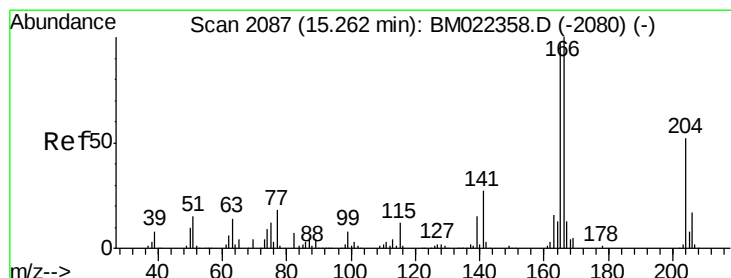
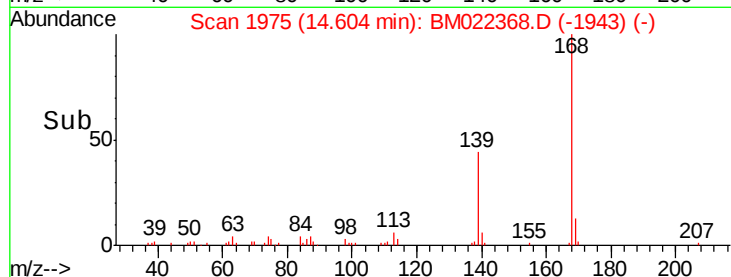
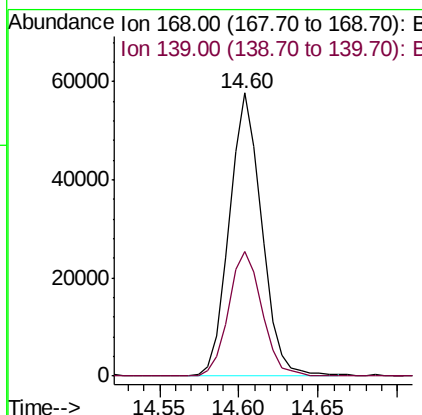
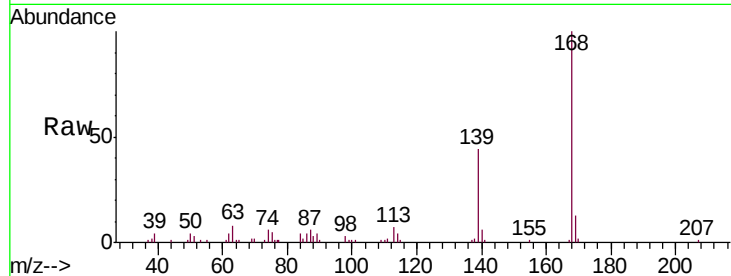
#53
Dibenzenofuran
Concen: 8.551 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.0	36.2	54.4

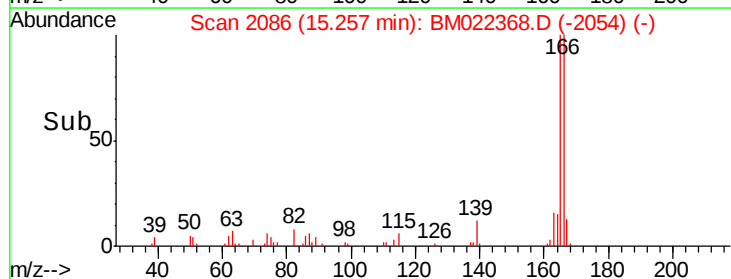
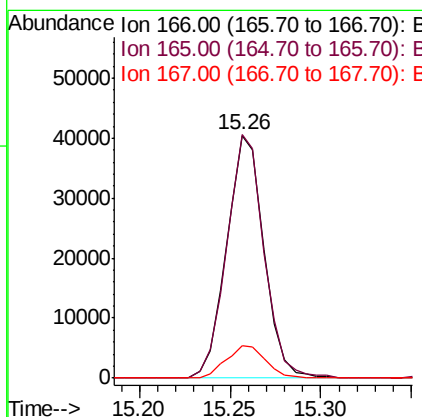
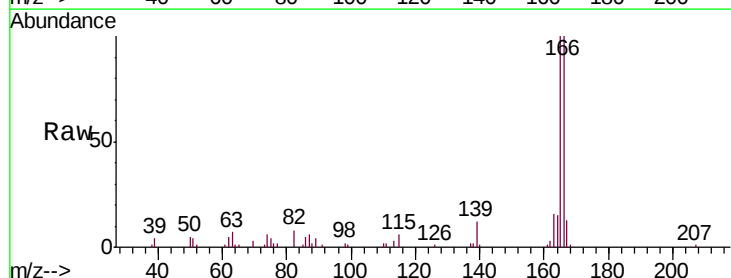
Manual Integrations
APPROVED

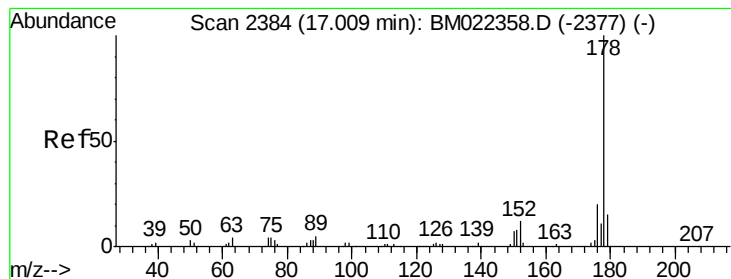
mohammad
8/28/2019 11:32:27 PM



#58
Fluorene
Concen: 7.160 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.2	120.2
167	13.4	11.4	17.0





#69

Phenanthrene

Concen: 6.763 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022368.D

Acq: 27 Aug 2019 15:19

Instrument :

BNA_M

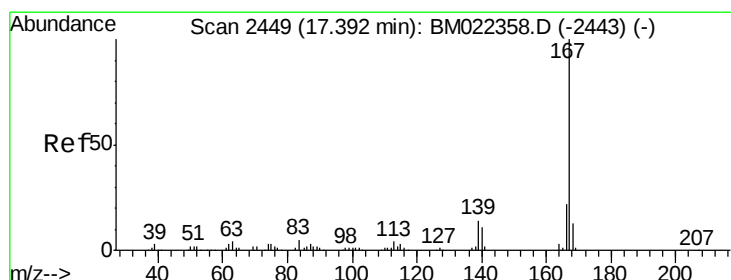
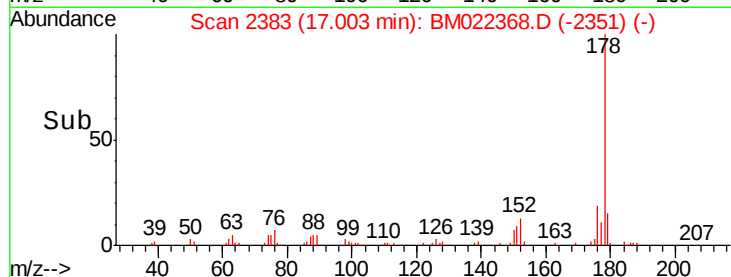
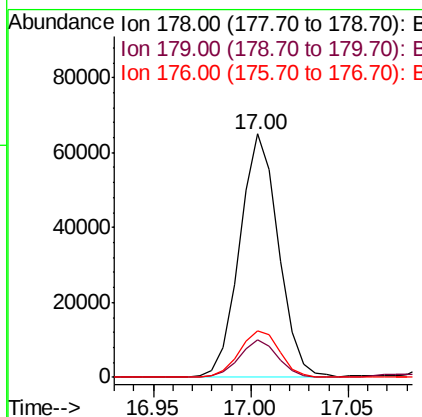
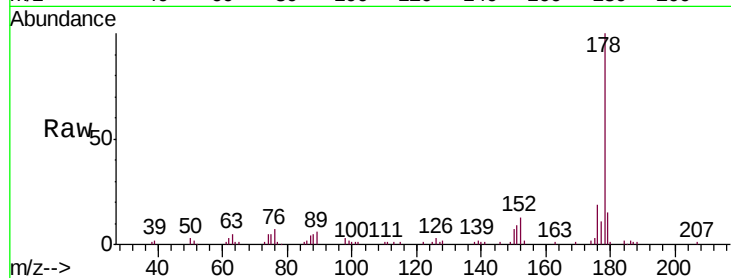
ClientSampleId :

C0AB2DL2

Tot Ion:	178	Resp:	89706
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	19.3	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/28/2019 11:32:27 PM



#74

Carbazole

Concen: 6.302 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM022368.D

Acq: 27 Aug 2019 15:19

Tgt Ion:	167	Resp:	78577
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.8	26.8
139	15.5	11.8	17.8

