

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009133.D
 Acq On : 09 Mar 2017 07:34
 Operator : SJ/MA
 Sample : I2069-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

Manual Integrations
 APPROVED

mohammad
 3/9/2017 2:03:06 PM

Quant Time: Mar 09 10:24:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	231	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	725	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	466	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1019m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1230	0.40	ng/ul	-0.01
20) Perylene-d12	23.78	264	1013m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	434	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1216	0.38	ng/ul	-0.01
Target Compounds						
5) 2-Methylnaphthalene	12.34	142	100	0.07	ng/ul	99
12) Phenanthrene	17.31	178	799m	0.25	ng/ul	
13) Anthracene	17.40	178	282	0.09	ng/ul#	61
15) Fluoranthene	19.33	202	1600	0.38	ng/ul	95
17) Pyrene	19.69	202	1668	0.39	ng/ul	96
18) Benzo(a)anthracene	21.42	228	935	0.23	ng/ul#	87
19) Chrysene	21.47	228	747	0.19	ng/ul#	83
21) Benzo(b)fluoranthene	23.07	252	1069m	0.27	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	397m	0.11	ng/ul	
23) Benzo(a)pyrene	23.67	252	856m	0.24	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	480m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	430m	0.11	ng/ul	

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

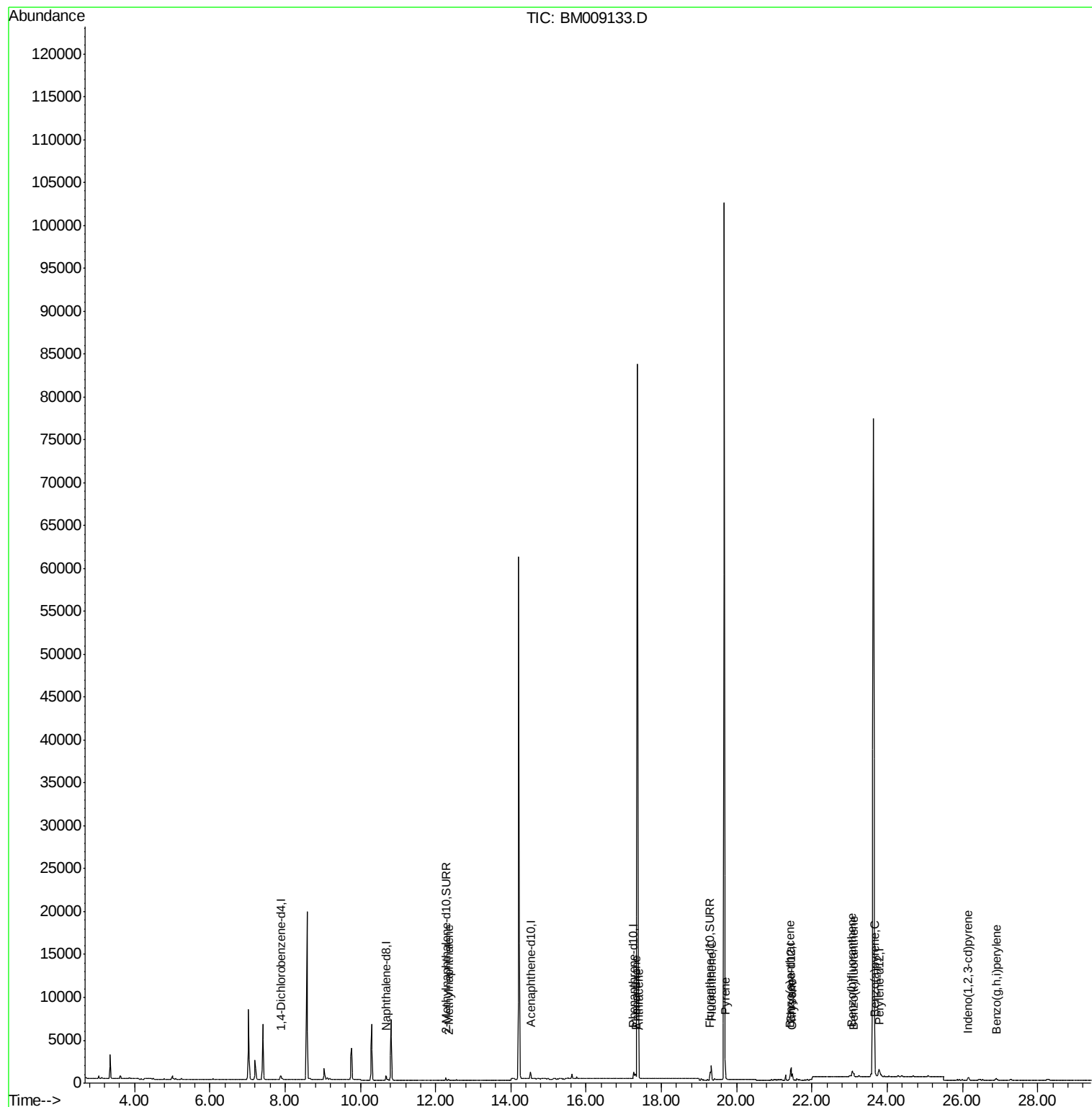
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009133.D
Acq On : 09 Mar 2017 07:34
Operator : SJ/MA
Sample : I2069-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

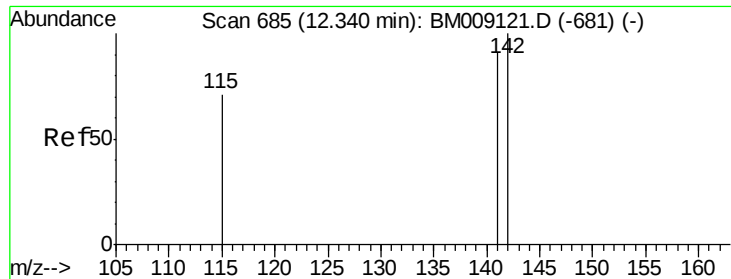
Instrument :
BNA_M
ClientSampleId :
C0AH0

Manual Integrations
APPROVED

mohammad
3/9/2017 2:03:06 PM

Quant Time: Mar 09 10:24:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.07 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009133.D

Acq: 09 Mar 2017 07:34

Instrument :

BNA_M

ClientSampleId :

C0AH0

Tgt Ion:142 Resp: 100

Ion Ratio Lower Upper

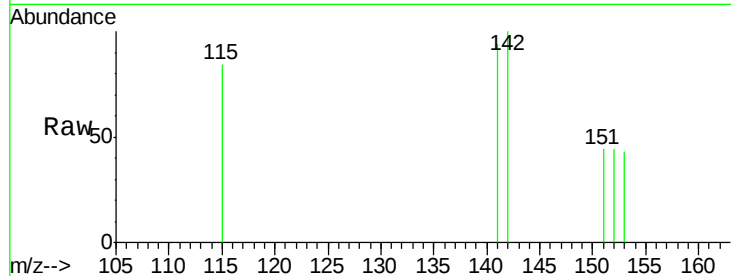
142 100

141 92.0 72.6 108.8

Manual Integrations
APPROVED

mohammad

3/9/2017 2:03:06 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.34

100

80

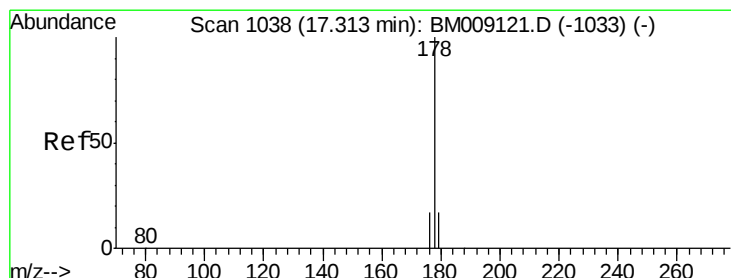
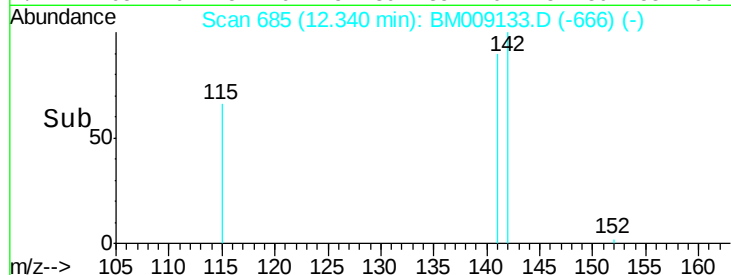
60

40

20

0

Time--> 12.30 12.34 12.40



#12

Phenanthrene

Concen: 0.25 ng/ul m

RT: 17.31 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BM009133.D

Acq: 09 Mar 2017 07:34

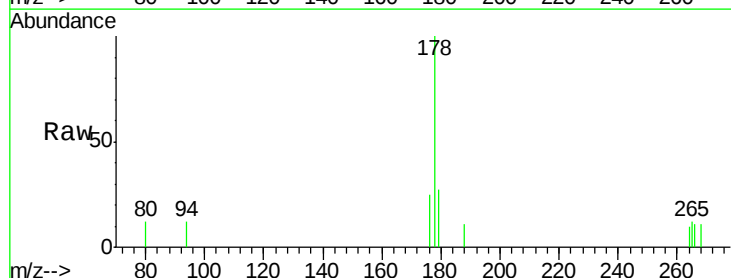
Tgt Ion:178 Resp: 799

Ion Ratio Lower Upper

178 100

176 25.5 18.4 27.6

179 27.3 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.31

600

500

400

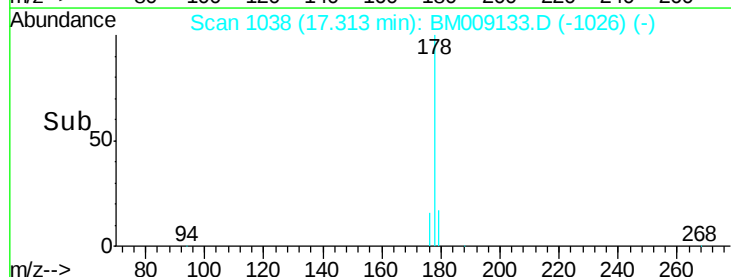
300

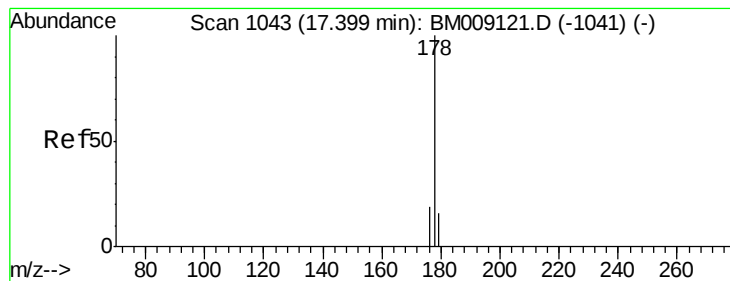
200

100

0

Time--> 17.25 17.30 17.35





#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BM009133.D

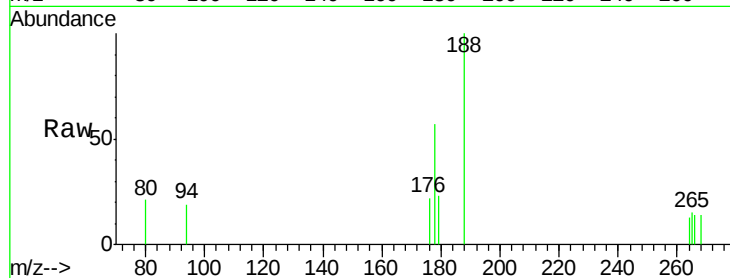
Acq: 09 Mar 2017 07:34

Instrument :

BNA_M

ClientSampled :

COAH0



Tgt Ion:178 Resp: 282

Ion Ratio Lower Upper

178 100

176 37.8 18.1 27.1#

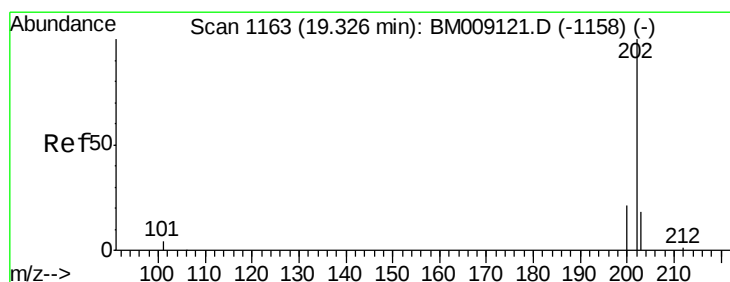
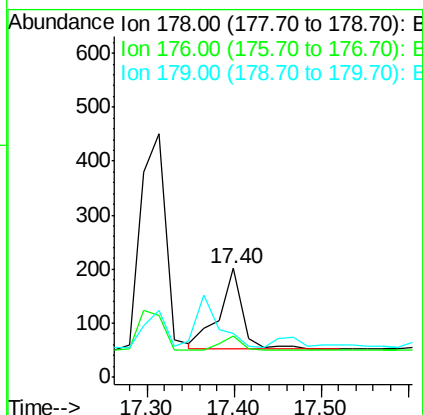
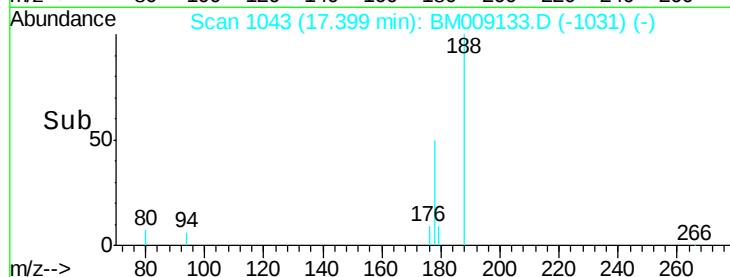
179 39.8 14.7 22.1#

Manual Integrations

APPROVED

mohammad

3/9/2017 2:03:06 PM



#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BM009133.D

Acq: 09 Mar 2017 07:34

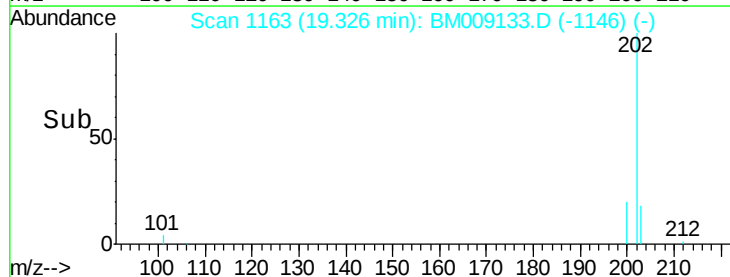
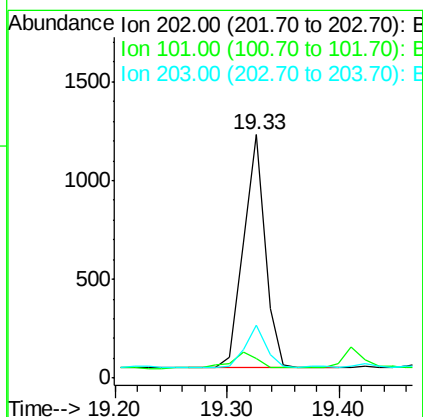
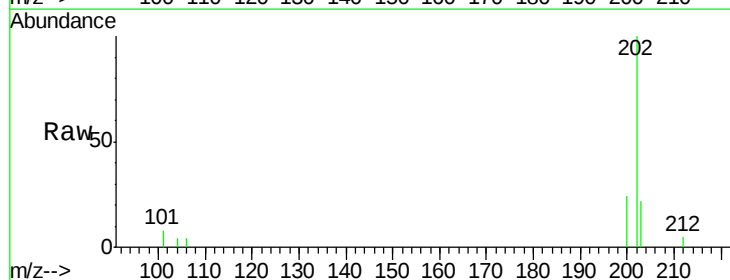
Tgt Ion:202 Resp: 1600

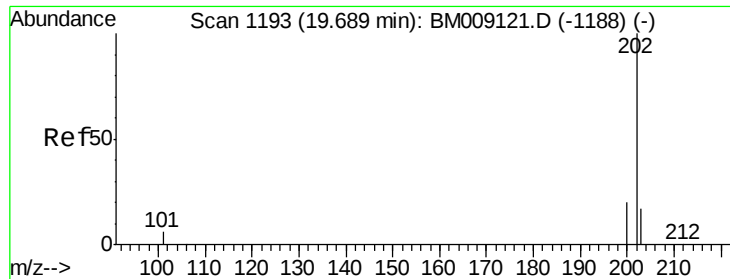
Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.3

203 21.8 0.0 39.5





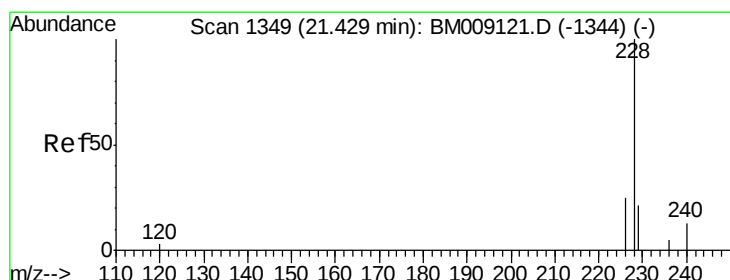
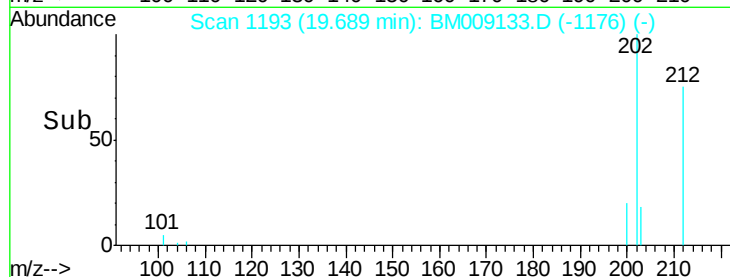
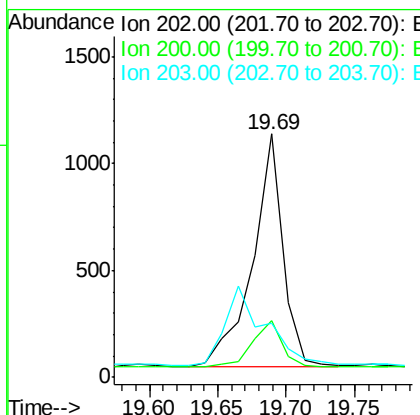
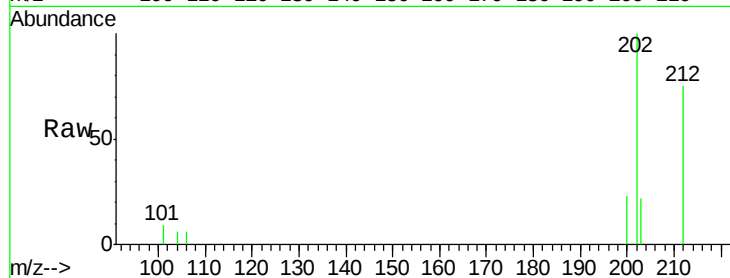
#17
 Pyrene
 Concen: 0.39 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM009133.D
 Acq: 09 Mar 2017 07:34

Instrument :
 BNA_M
 ClientSampleId :
 COAH0

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.4
203	22.5	15.6	23.4

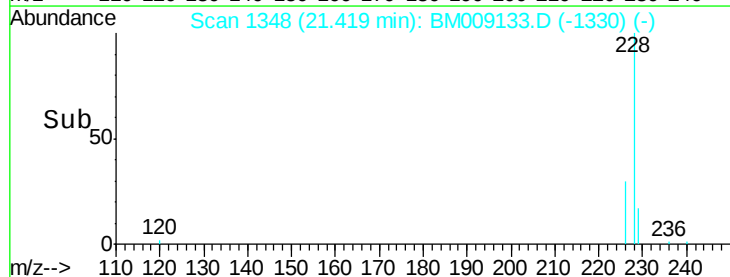
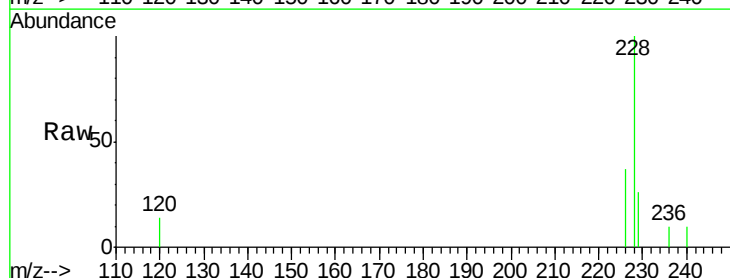
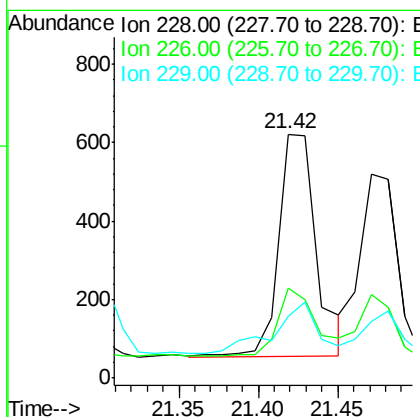
Manual Integrations
 APPROVED

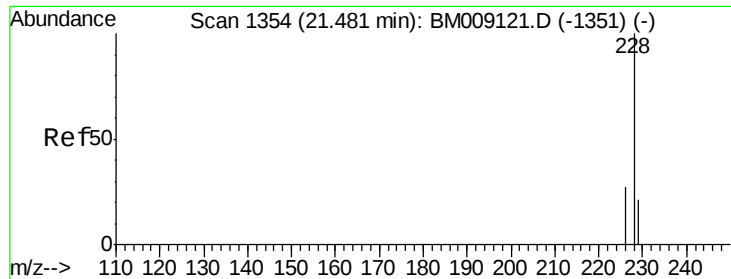
mohammad
 3/9/2017 2:03:06 PM



#18
 Benzo(a)anthracene
 Concen: 0.23 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BM009133.D
 Acq: 09 Mar 2017 07:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.9	22.8	34.2#
229	25.6	17.0	25.6#





#19

Chrysene

Concen: 0.19 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM009133.D

Acq: 09 Mar 2017 07:34

Instrument :

BNA_M

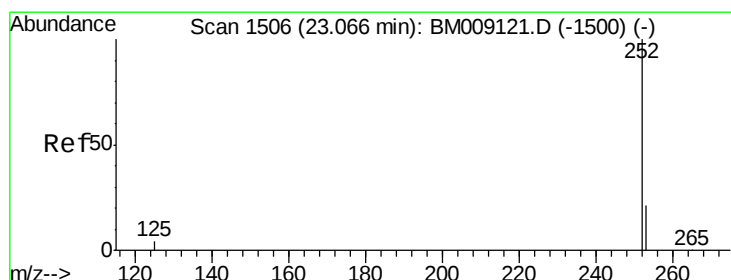
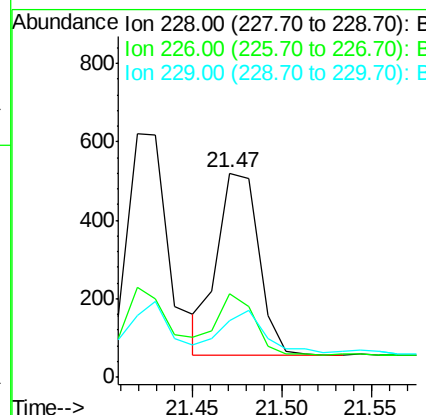
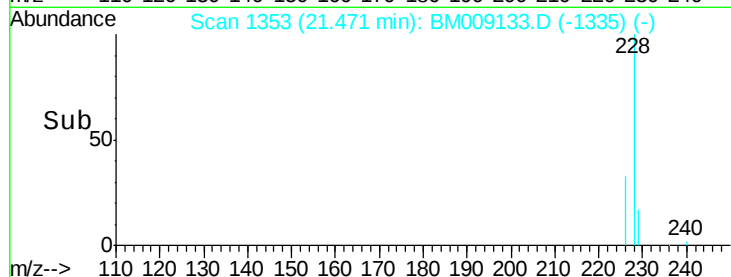
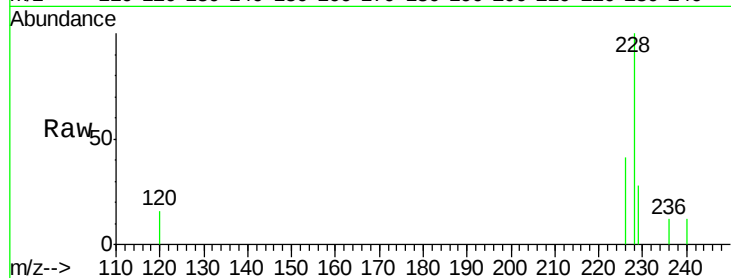
ClientSampleId :

C0AH0

Tgt Ion:	228	Resp:	747
Ion Ratio	Lower	Upper	
228	100		
226	40.7	23.4	35.0#
229	27.8	17.7	26.5#

Manual Integrations
APPROVED

mohammad
3/9/2017 2:03:06 PM



#21

Benzo(b)fluoranthene

Concen: 0.27 ng/ul m

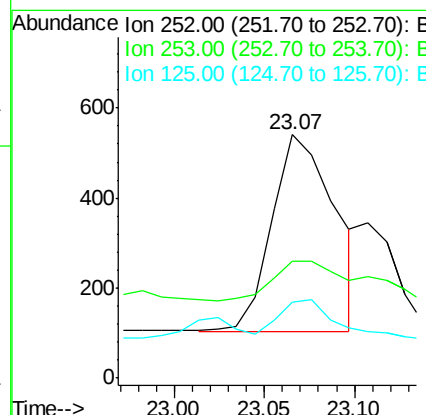
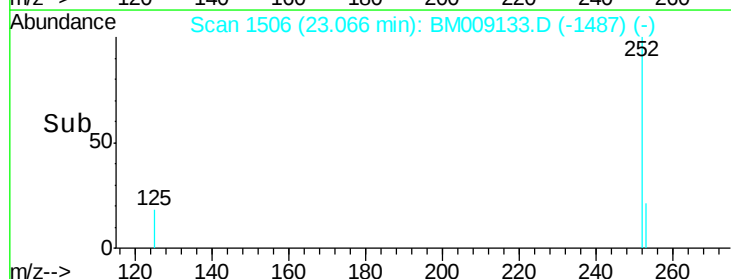
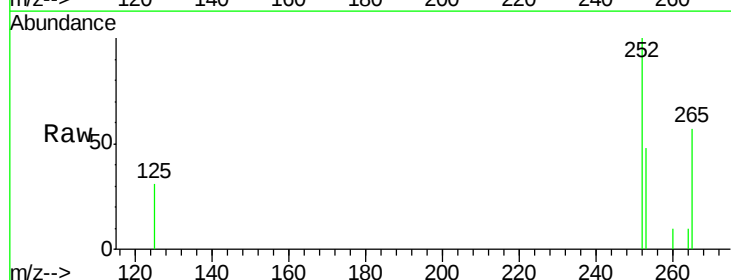
RT: 23.07 min Scan# 1506

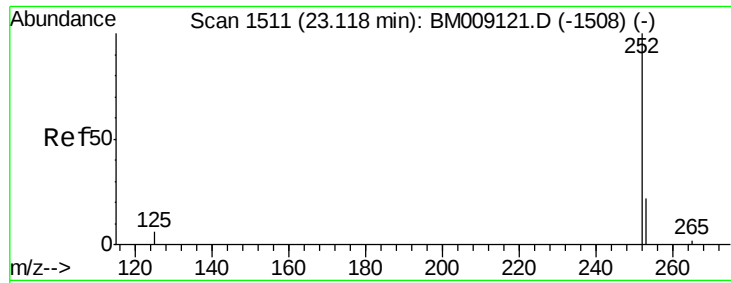
Delta R.T. 0.00 min

Lab File: BM009133.D

Acq: 09 Mar 2017 07:34

Tgt Ion:	252	Resp:	1069
Ion Ratio	Lower	Upper	
252	100		
253	47.9	0.0	64.2
125	31.2	0.0	35.0





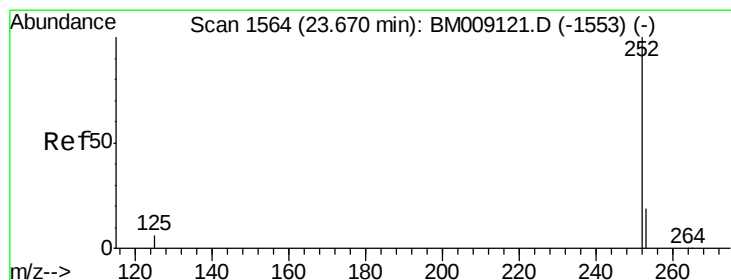
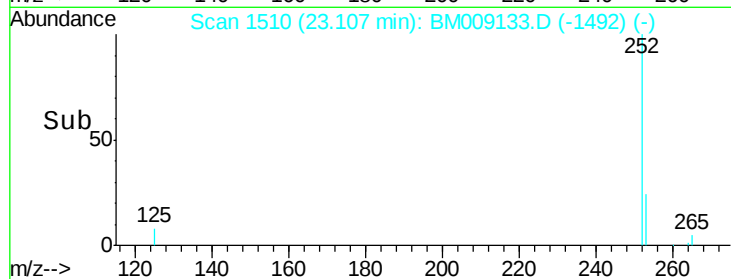
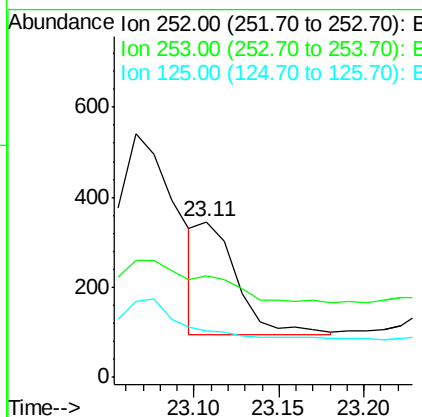
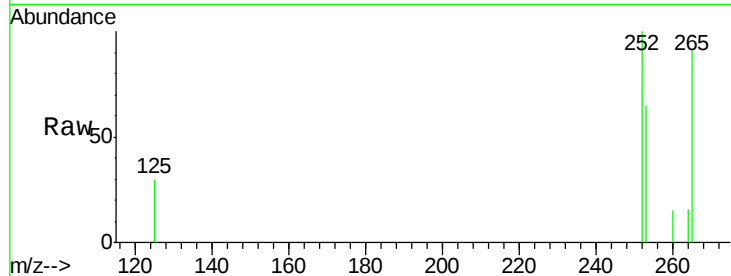
#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009133.D
Acq: 09 Mar 2017 07:34

Instrument :
BNA_M
ClientSampled :
COAH0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	65.2	24.5	36.7#
125	30.1	13.7	20.5#

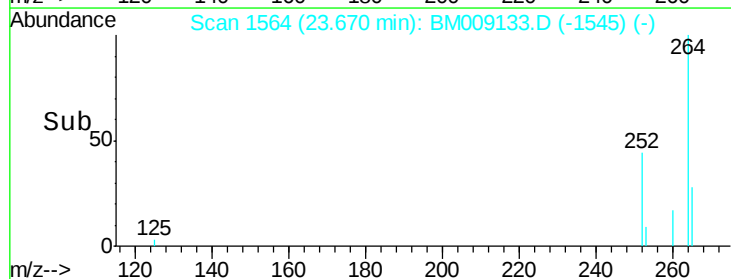
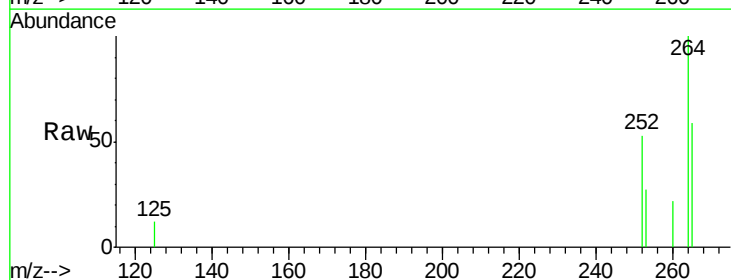
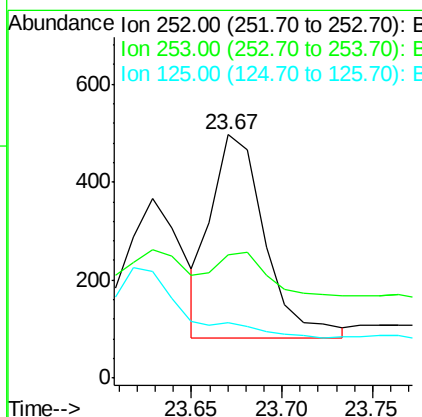
Manual Integrations
APPROVED

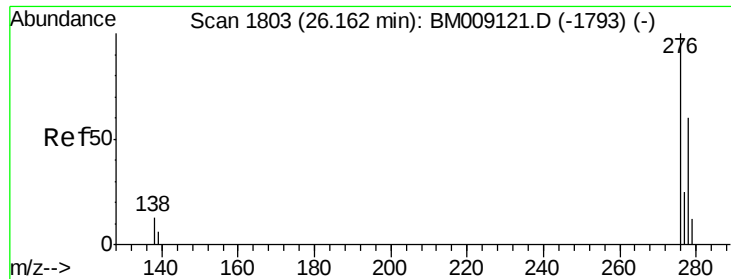
mohammad
3/9/2017 2:03:06 PM



#23
Benzo(a)pyrene
Concen: 0.24 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009133.D
Acq: 09 Mar 2017 07:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.5	28.5	42.7#
125	22.7	18.1	27.1





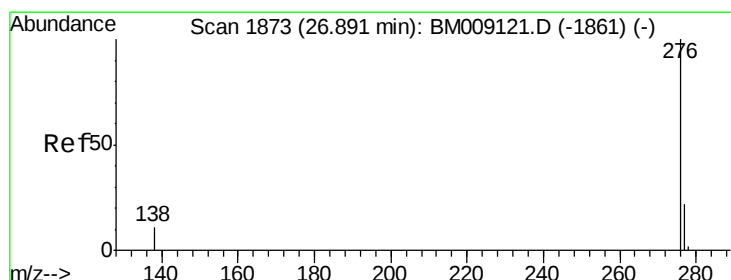
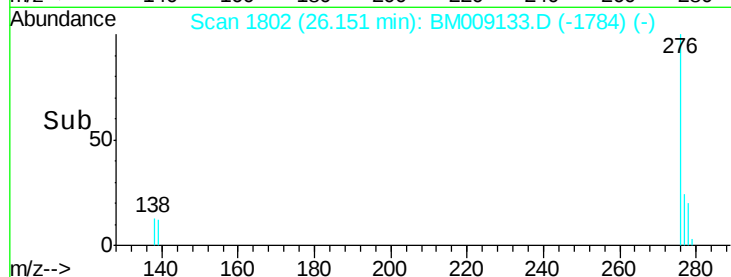
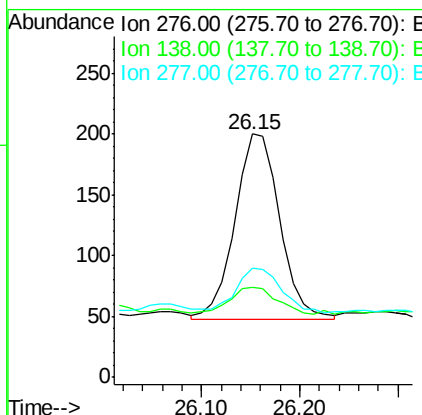
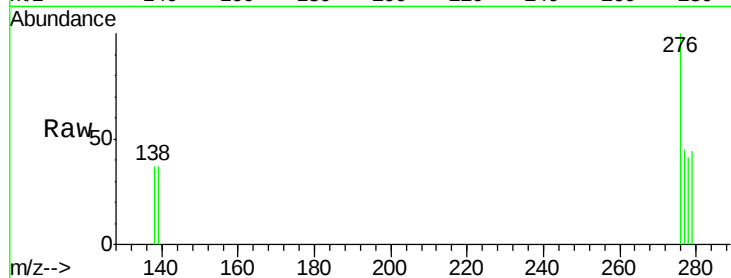
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BM009133.D
 Acq: 09 Mar 2017 07:34

Instrument :
 BNA_M
 ClientSampleId :
 COAH0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

Manual Integrations
 APPROVED

mohammad
 3/9/2017 2:03:06 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.11 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009133.D
 Acq: 09 Mar 2017 07:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	46.6	21.8	32.8#
138	38.2	20.5	30.7#

