

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009159.D
 Acq On : 09 Mar 2017 23:21
 Operator : SJ/MA
 Sample : I2062-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK3DL

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:41 PM

Quant Time: Mar 10 03:54:56 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	504	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1139	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1275	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	74	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	195	0.05	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.30	178	491	0.14	ng/ul#	71
15) Fluoranthene	19.32	202	1654	0.35	ng/ul	98
17) Pyrene	19.68	202	1585	0.36	ng/ul	93
18) Benzo(a)anthracene	21.42	228	1331	0.31	ng/ul	93
19) Chrysene	21.47	228	1556m	0.39	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	2695m	0.52	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	667m	0.15	ng/ul	
23) Benzo(a)pyrene	23.67	252	1778m	0.38	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1203	0.20	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.15	278	291	0.06	ng/ul#	16
26) Benzo(g,h,i)perylene	26.89	276	1109	0.22	ng/ul#	91

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

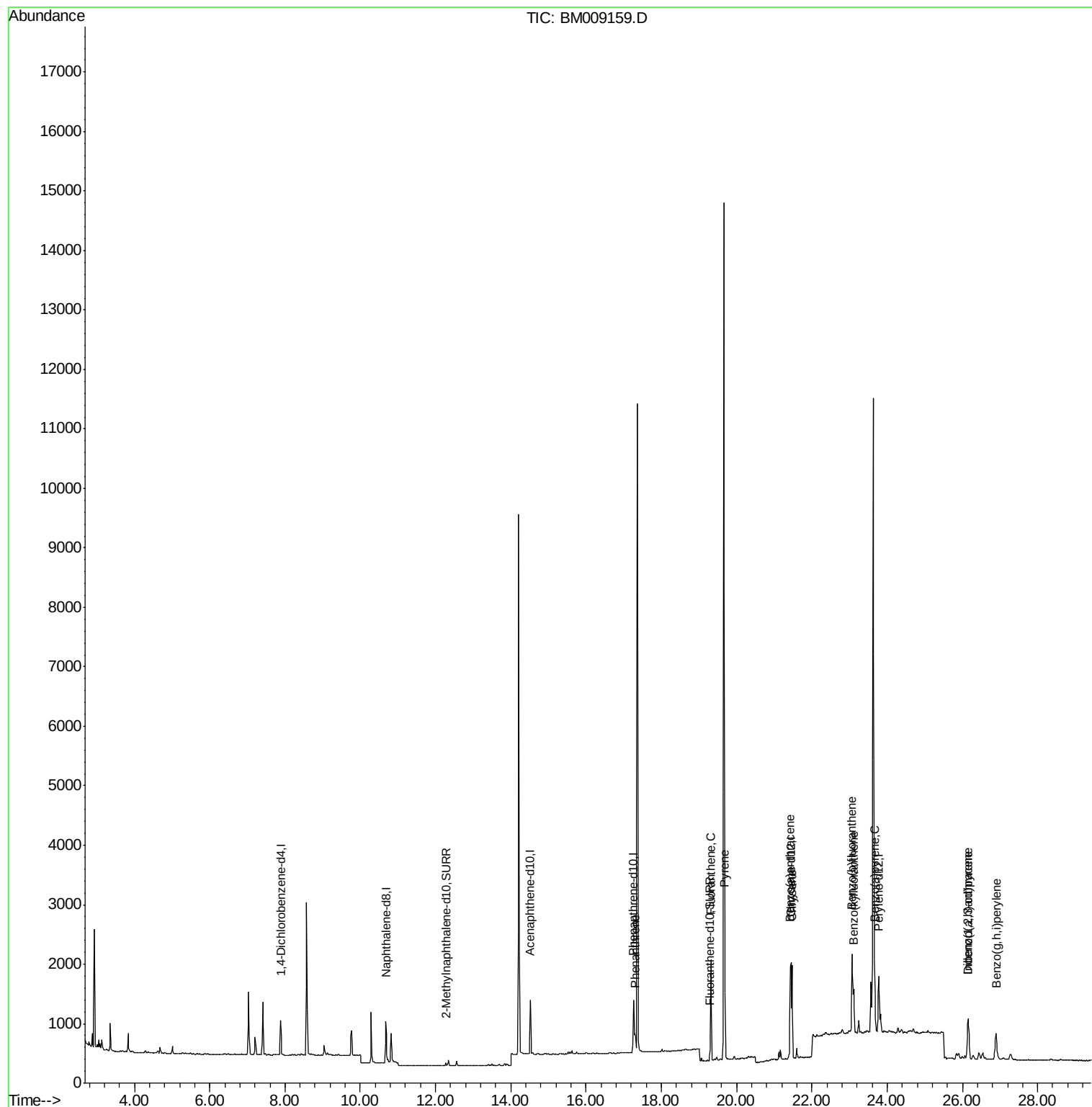
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

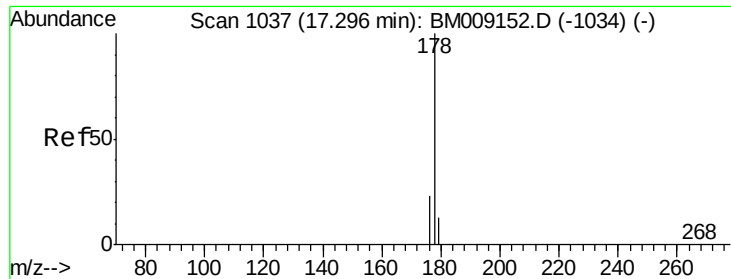
Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM

Quant Time: Mar 10 03:54:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.14 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009159.D

Acq: 09 Mar 2017 23:21

Instrument :

BNA_M

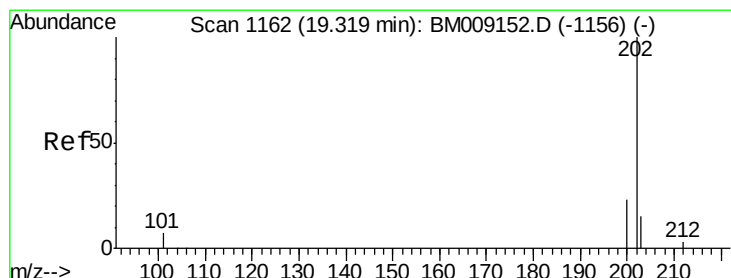
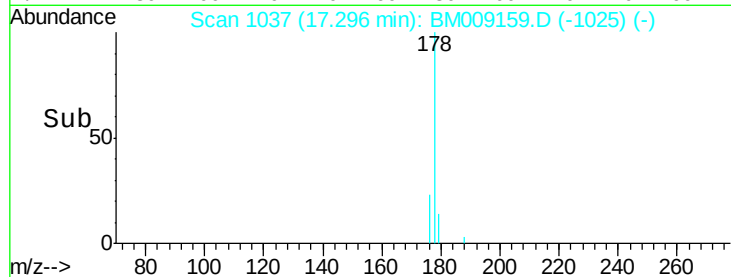
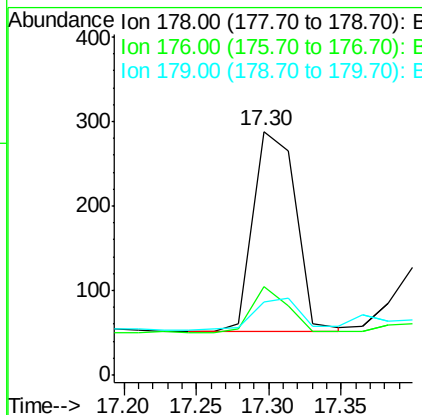
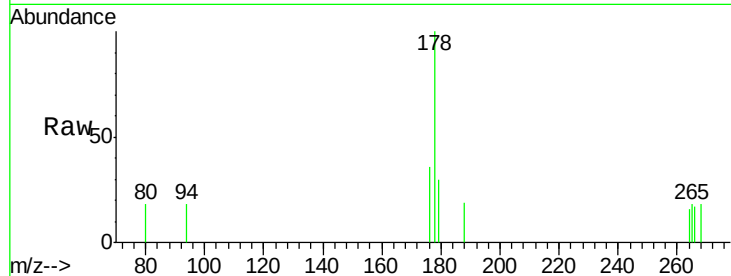
ClientSampleId :

C0AK3DL

Tgt Ion:	178	Resp:	491
Ion Ratio	Lower	Upper	
178	100		
176	36.5	18.4	27.6#
179	30.2	13.6	20.4#

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM



#15

Fluoranthene

Concen: 0.35 ng/ul

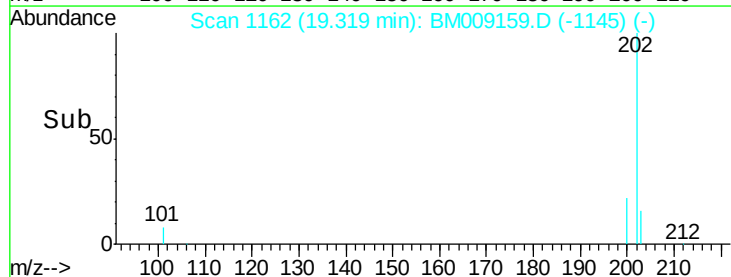
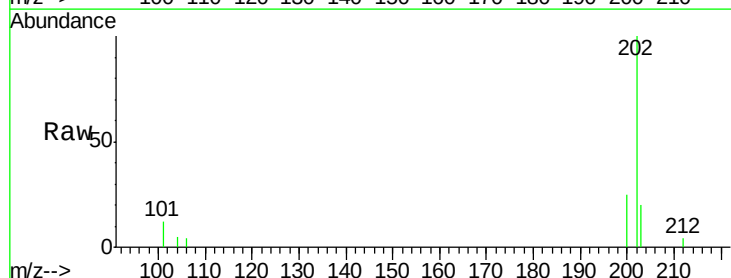
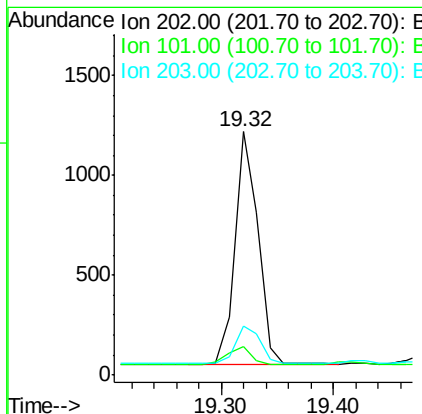
RT: 19.32 min Scan# 1162

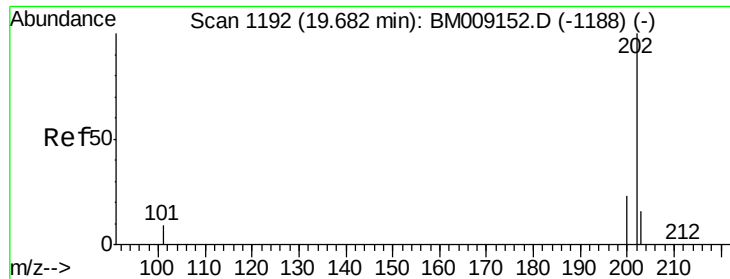
Delta R.T. 0.00 min

Lab File: BM009159.D

Acq: 09 Mar 2017 23:21

Tgt Ion:	202	Resp:	1654
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
203	20.3	0.0	39.5





#17

Pyrene

Concen: 0.36 ng/ul

RT: 19.68 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BM009159.D

Acq: 09 Mar 2017 23:21

Instrument :

BNA_M

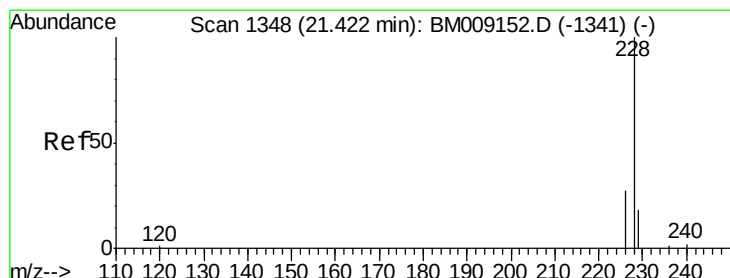
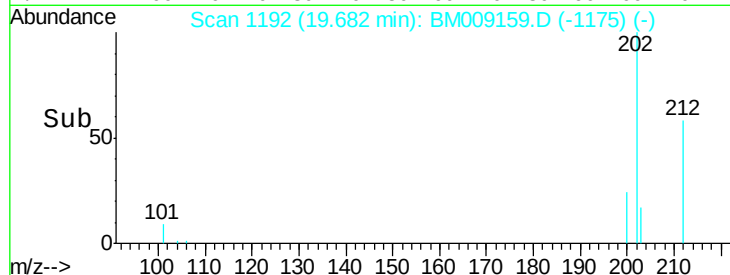
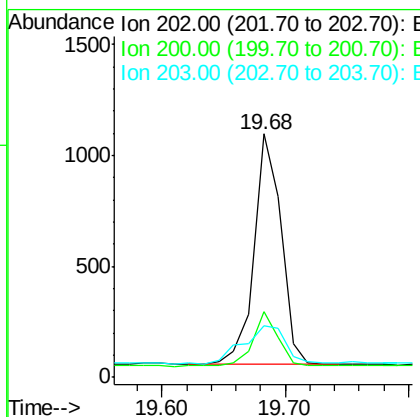
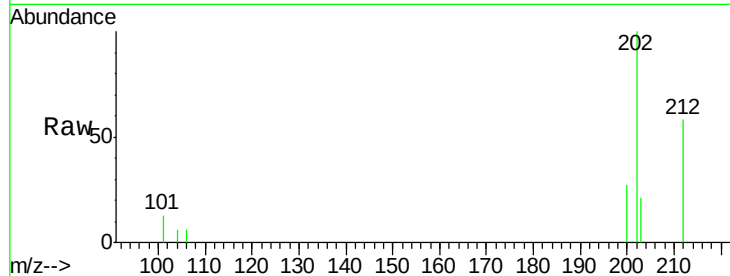
ClientSampleId :

C0AK3DL

Tgt Ion:	202	Resp:	1585
Ion Ratio	Lower	Upper	
202	100		
200	27.1	18.2	27.4
203	21.2	15.6	23.4

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM



#18

Benzo(a)anthracene

Concen: 0.31 ng/ul

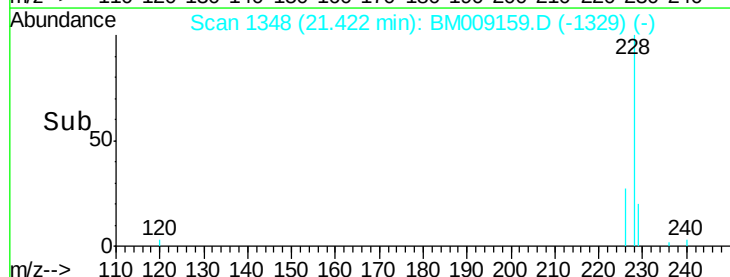
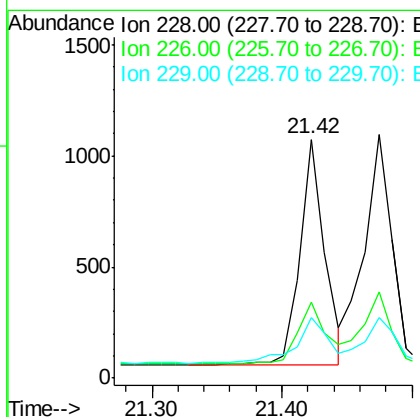
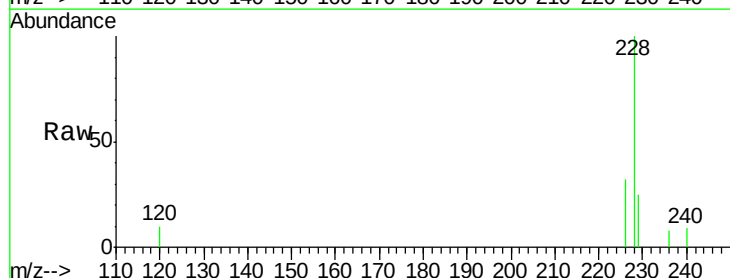
RT: 21.42 min Scan# 1348

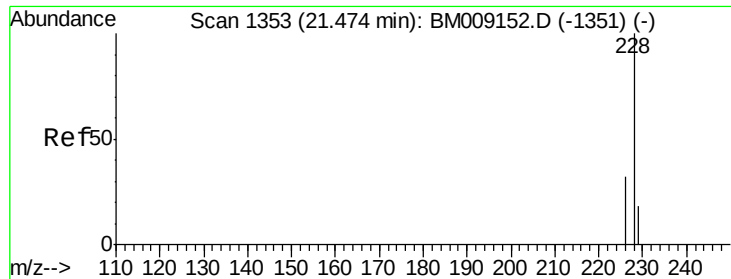
Delta R.T. 0.00 min

Lab File: BM009159.D

Acq: 09 Mar 2017 23:21

Tgt Ion:	228	Resp:	1331
Ion Ratio	Lower	Upper	
228	100		
226	32.0	22.8	34.2
229	25.2	17.0	25.6





#19

Chrysene

Concen: 0.39 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM009159.D

Acq: 09 Mar 2017 23:21

Instrument :

BNA_M

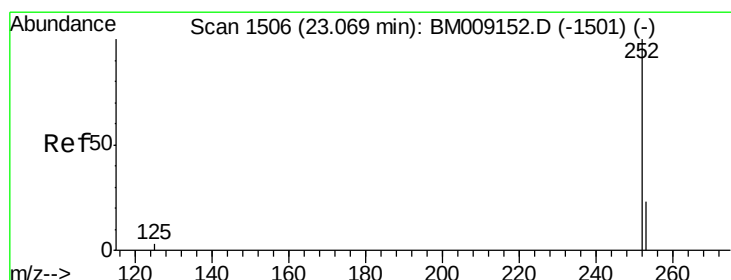
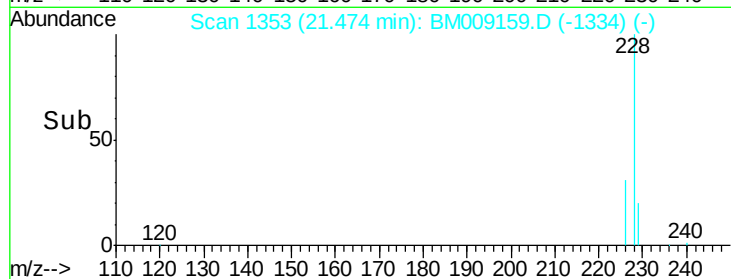
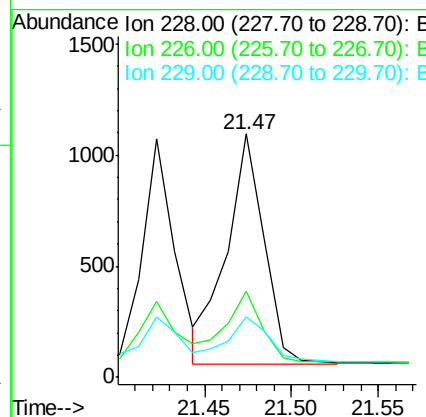
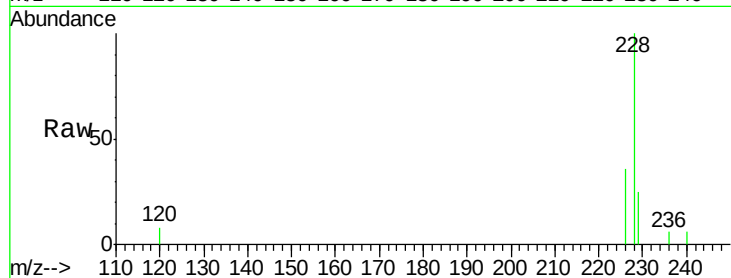
ClientSampled :

C0AK3DL

Tgt Ion:	228	Resp:	1556
Ion Ratio	Lower	Upper	
228	100		
226	35.6	23.4	35.0#
229	24.8	17.7	26.5

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM



#21

Benzo(b)fluoranthene

Concen: 0.52 ng/ul m

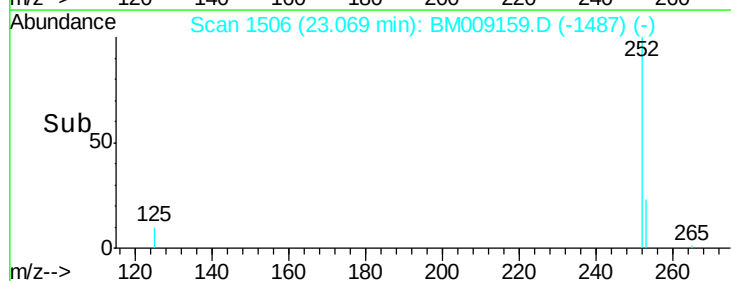
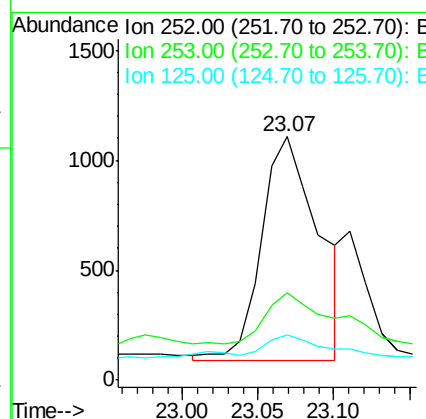
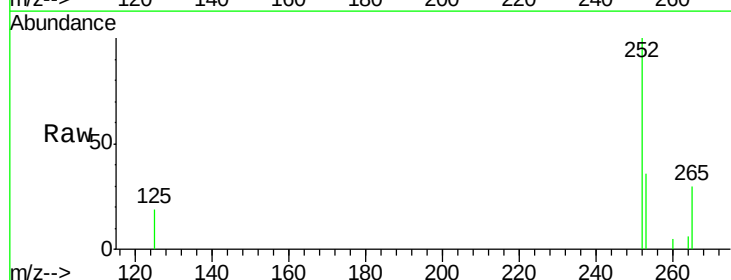
RT: 23.07 min Scan# 1506

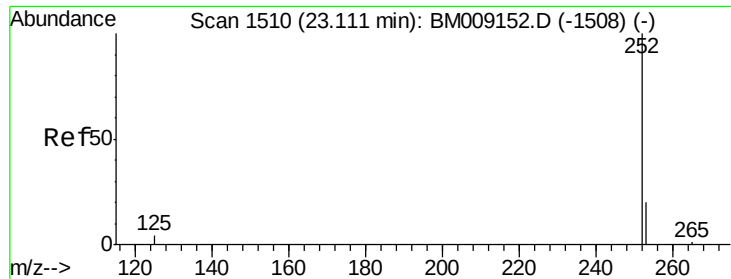
Delta R.T. 0.00 min

Lab File: BM009159.D

Acq: 09 Mar 2017 23:21

Tgt Ion:	252	Resp:	2695
Ion Ratio	Lower	Upper	
252	100		
253	35.8	0.0	64.2
125	18.7	0.0	35.0





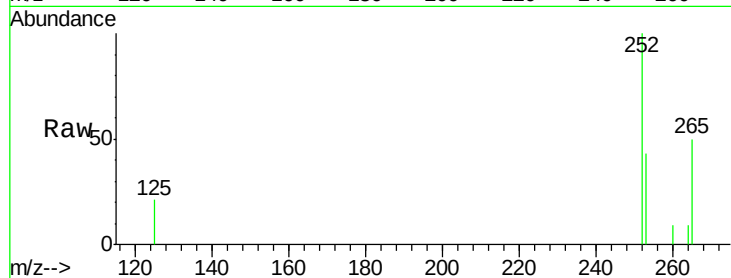
#22
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009159.D
Acq: 09 Mar 2017 23:21

Instrument :
BNA_M
ClientSampled :
C0AK3DL

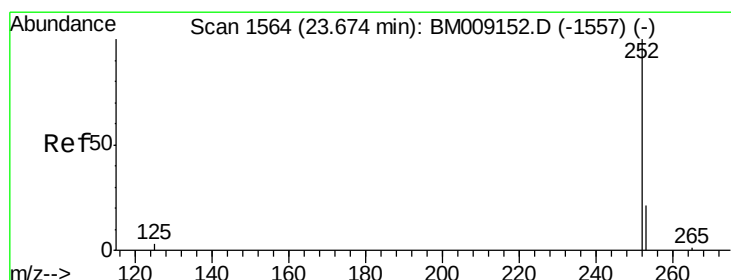
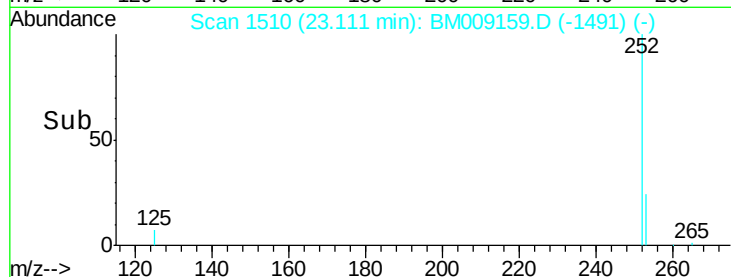
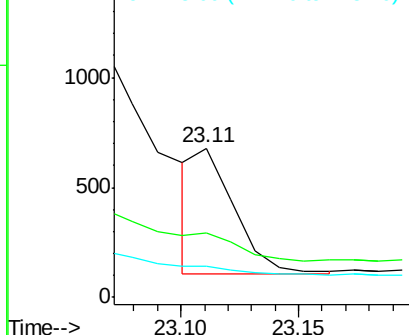
Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.2	24.5	36.7#
125	20.6	13.7	20.5#

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM



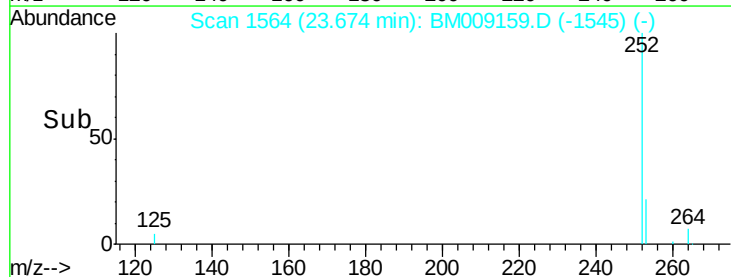
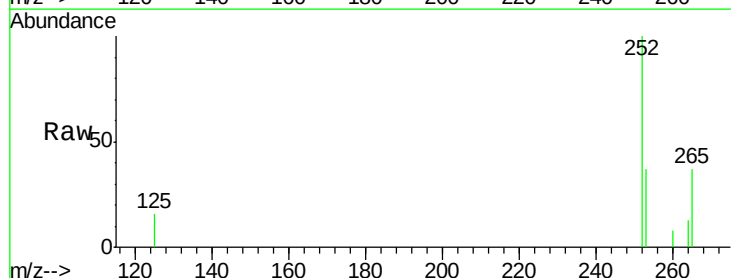
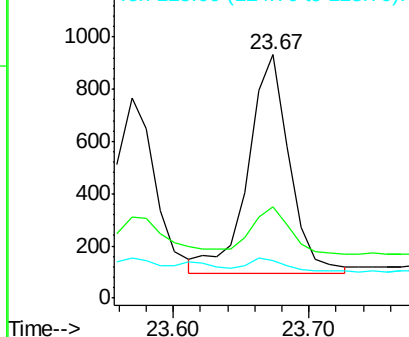
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

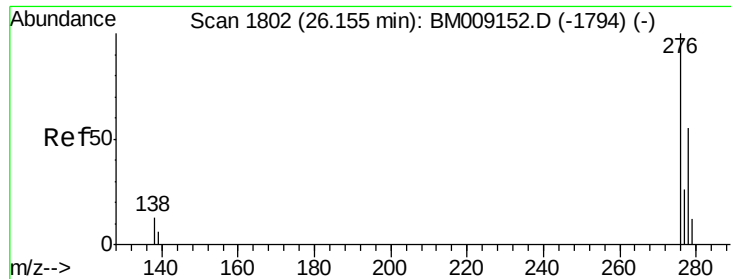


#23
Benzo(a)pyrene
Concen: 0.38 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009159.D
Acq: 09 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.4	28.5	42.7
125	15.5	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





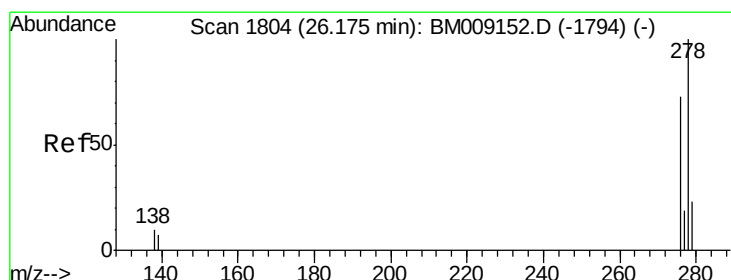
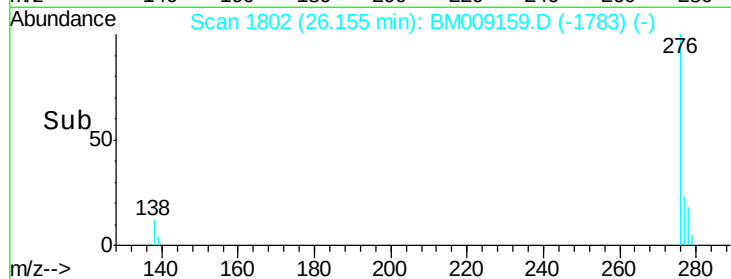
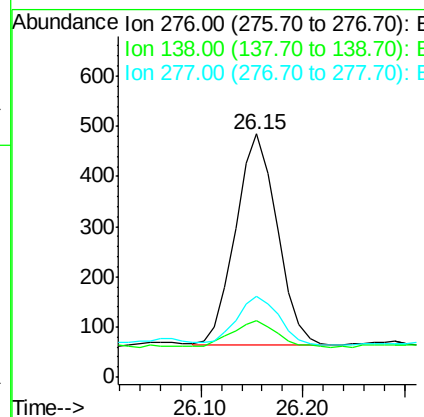
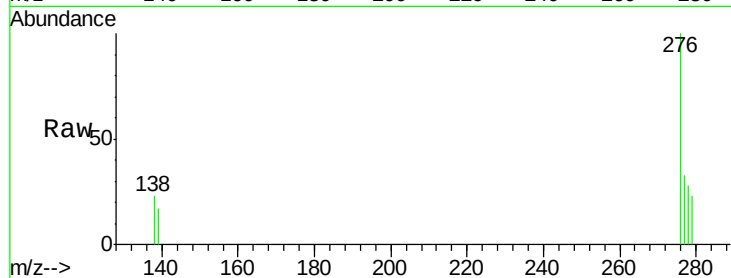
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.20 ng/ul
 RT: 26.15 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BM009159.D
 Acq: 09 Mar 2017 23:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AK3DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	19.1	28.7#
277	23.3	19.6	29.4

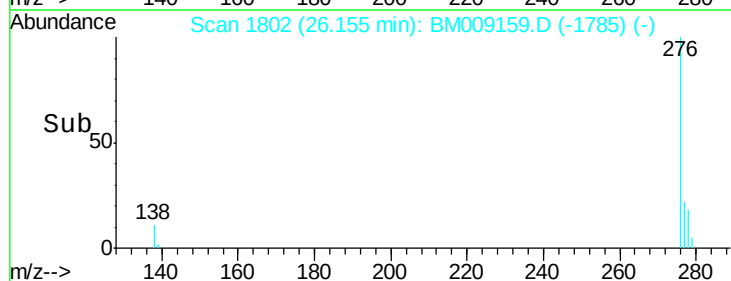
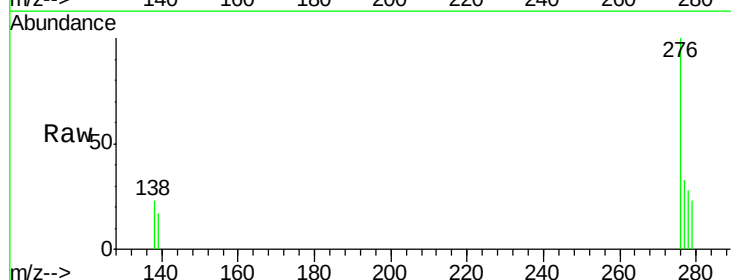
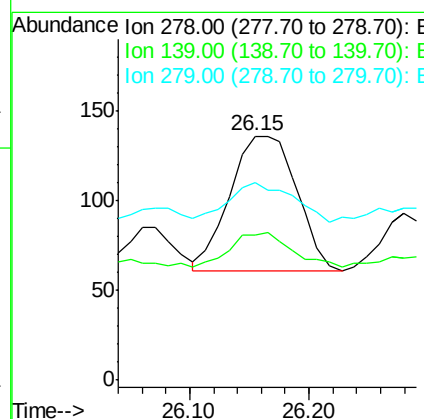
Manual Integrations
 APPROVED

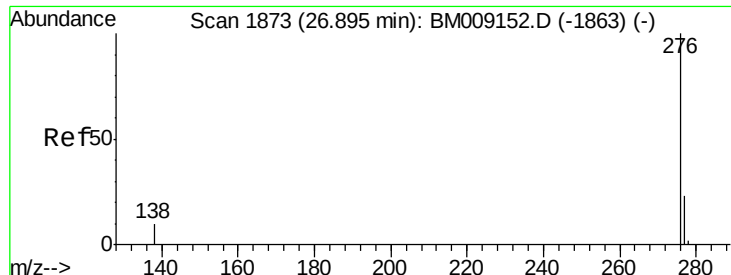
mohammad
 3/10/2017 6:01:41 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BM009159.D
 Acq: 09 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	59.6	17.4	26.0#
279	80.9	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.22 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009159.D
 Acq: 09 Mar 2017 23:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AK3DL

Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.0	21.8	32.8#
138	25.1	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:41 PM

