

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009162.D
 Acq On : 10 Mar 2017 01:09
 Operator : SJ/MA
 Sample : I2069-06DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7DL

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:51 PM

Quant Time: Mar 10 04:07:15 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	258	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	784	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	423	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	965	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1063	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1053	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	77	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	205	0.07	ng/ul	0.00

Target Compounds				Qvalue		
8) Acenaphthene	14.57	153	84	0.05	ng/ul#	83
9) Fluorene	15.56	166	181	0.09	ng/ul#	76
12) Phenanthrene	17.30	178	1764	0.58	ng/ul	94
13) Anthracene	17.40	178	530m	0.18	ng/ul	
15) Fluoranthene	19.32	202	2378	0.60	ng/ul	98
17) Pyrene	19.68	202	2081	0.57	ng/ul	97
18) Benzo(a)anthracene	21.42	228	1082	0.31	ng/ul	93
19) Chrysene	21.47	228	938m	0.28	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	1372m	0.33	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	351m	0.10	ng/ul	
23) Benzo(a)pyrene	23.67	252	894	0.24	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.15	276	556	0.12	ng/ul#	87
26) Benzo(g,h,i)perylene	26.89	276	494	0.12	ng/ul#	73

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

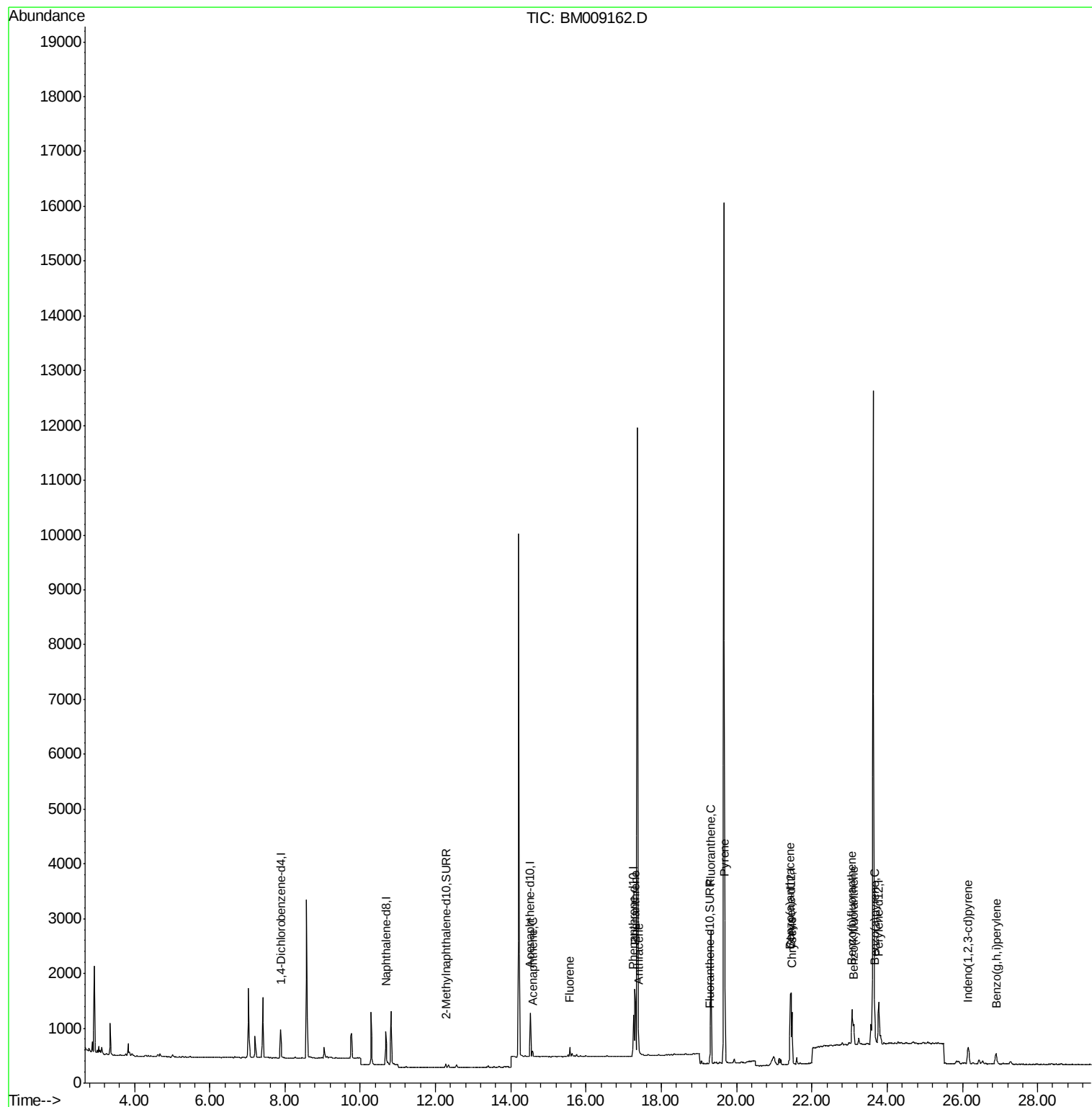
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009162.D
Acq On : 10 Mar 2017 01:09
Operator : SJ/MA
Sample : I2069-06DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

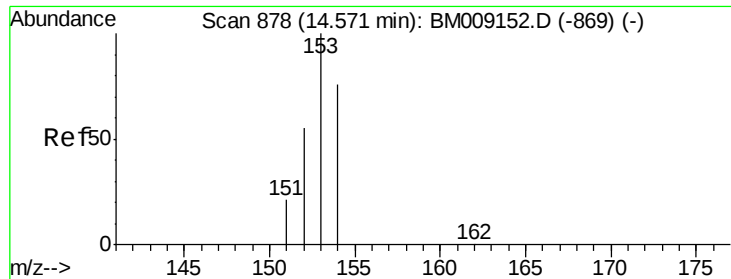
Instrument :
BNA_M
ClientSampleId :
C0AG7DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:51 PM

Quant Time: Mar 10 04:07:15 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





#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

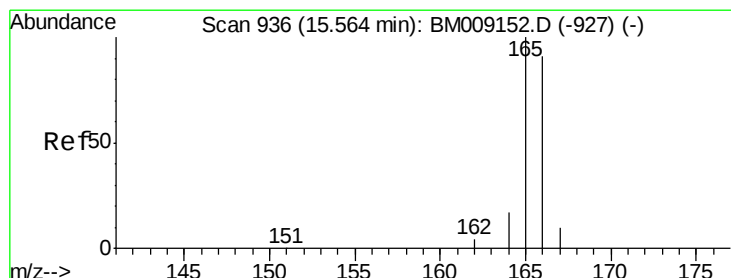
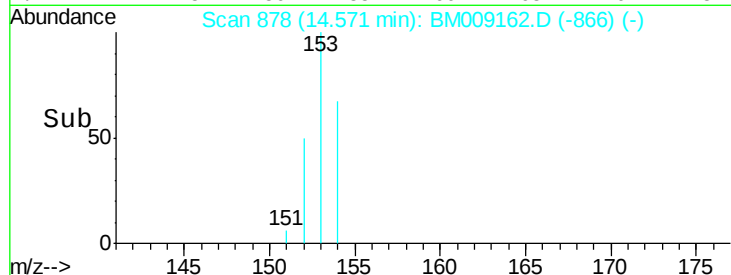
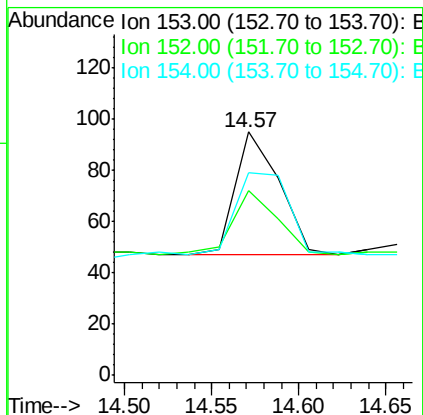
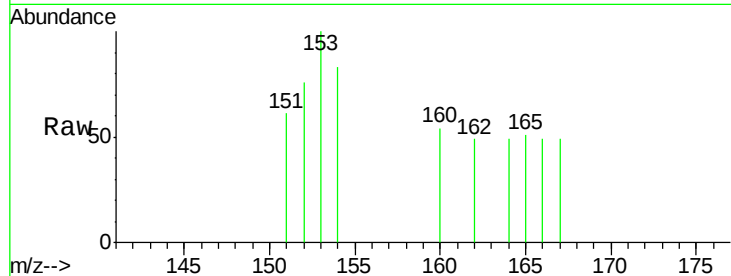
ClientSampled :

C0AG7DL

Tgt Ion:	153	Resp:	84
Ion Ratio	Lower	Upper	
153	100		
152	75.8	40.3	60.5#
154	83.2	71.4	107.2

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:51 PM



#9

Fluorene

Concen: 0.09 ng/ul

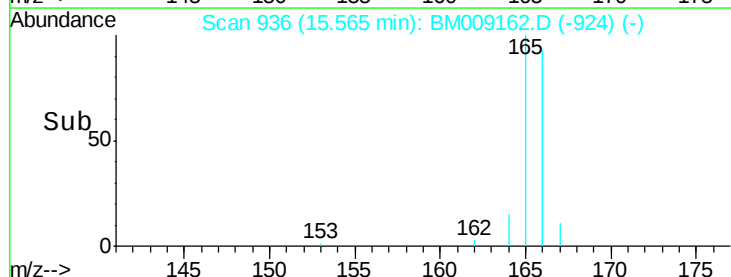
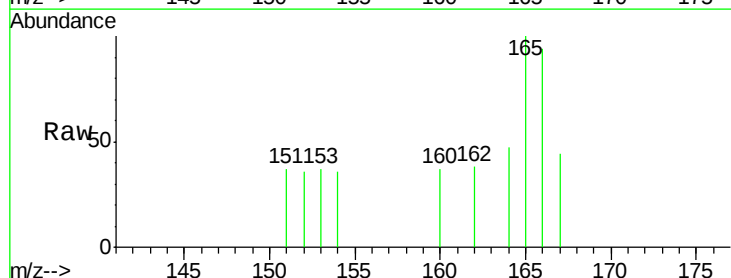
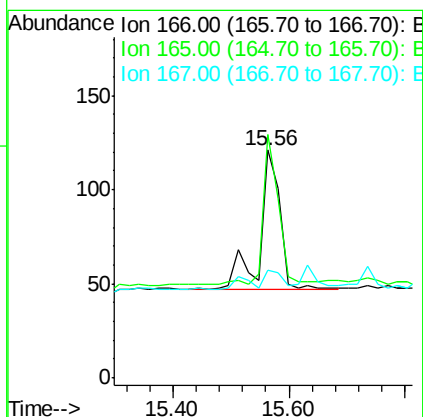
RT: 15.56 min Scan# 936

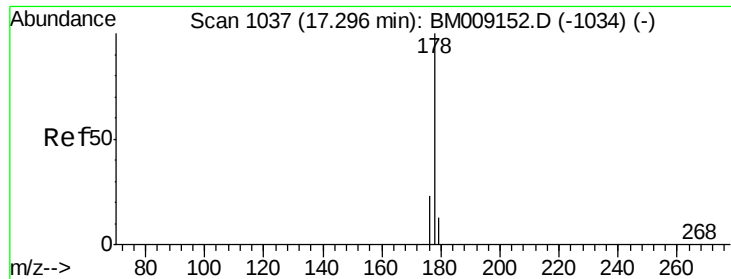
Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Tgt Ion:	166	Resp:	181
Ion Ratio	Lower	Upper	
166	100		
165	106.6	73.4	110.2
167	47.1	14.6	22.0#





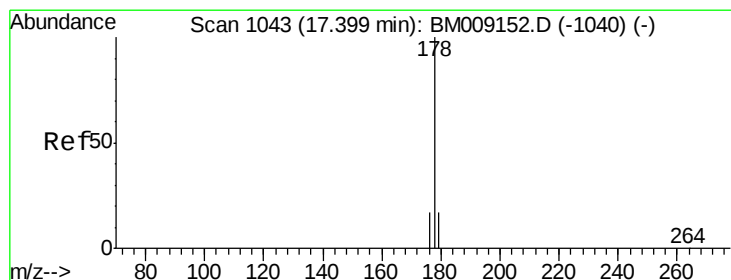
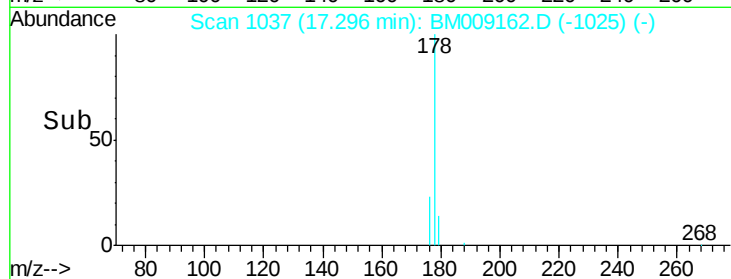
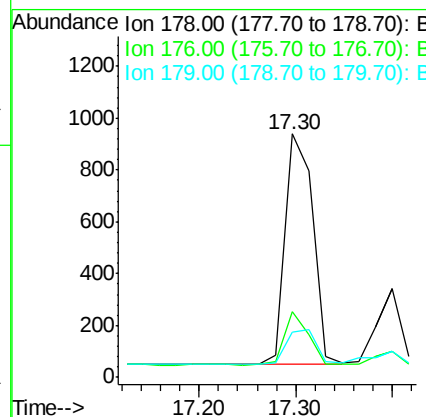
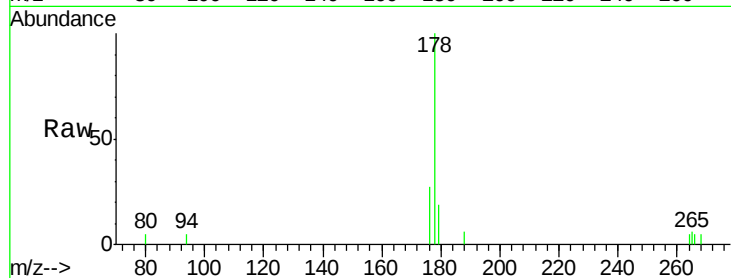
#12
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009162.D
Acq: 10 Mar 2017 01:09

Instrument :
BNA_M
ClientSampleId :
C0AG7DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.8	18.4	27.6
179	18.5	13.6	20.4

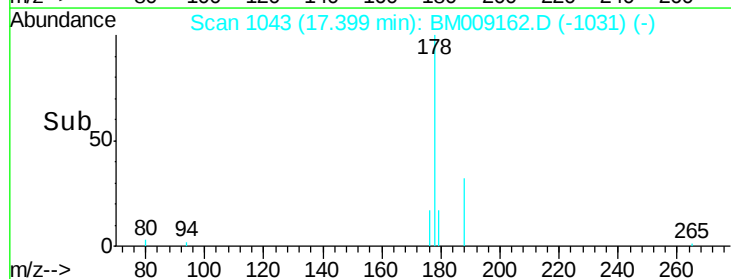
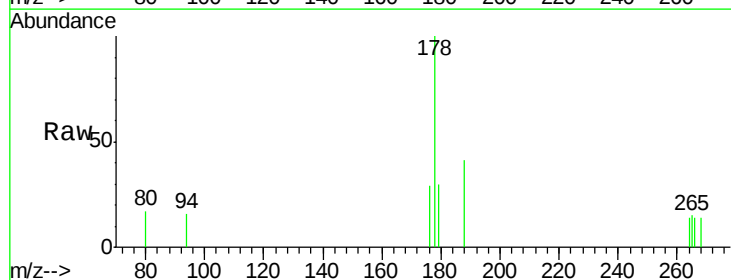
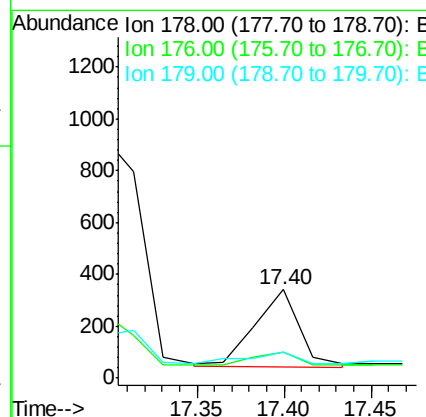
Manual Integrations
APPROVED

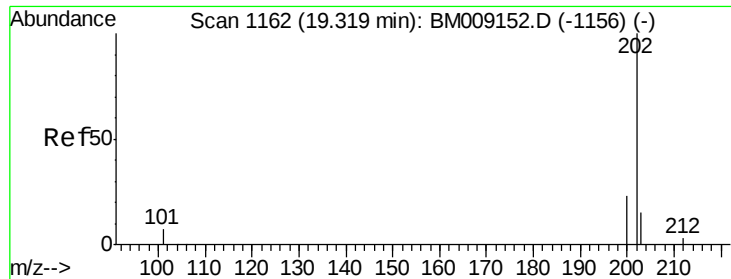
mohammad
3/10/2017 6:01:51 PM



#13
Anthracene
Concen: 0.18 ng/ul m
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009162.D
Acq: 10 Mar 2017 01:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	29.3	18.1	27.1#
179	29.9	14.7	22.1#





#15

Fluoranthene

Concen: 0.60 ng/ul

RT: 19.32 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

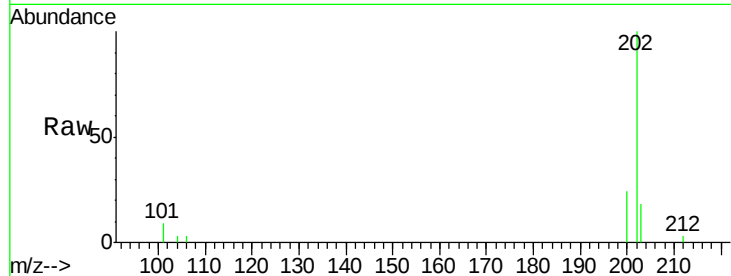
ClientSampleId :

C0AG7DL

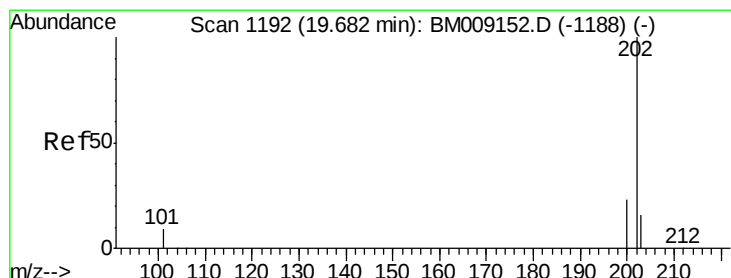
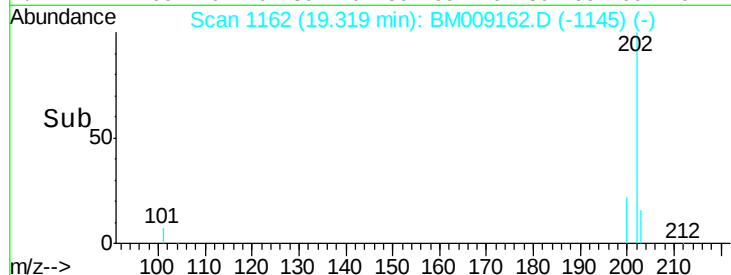
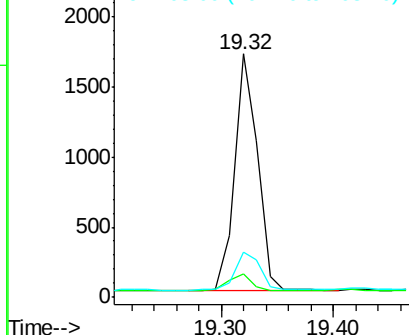
Tgt Ion:	202	Resp:	2378
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.3
203	18.4	0.0	39.5

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:51 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.57 ng/ul

RT: 19.68 min Scan# 1192

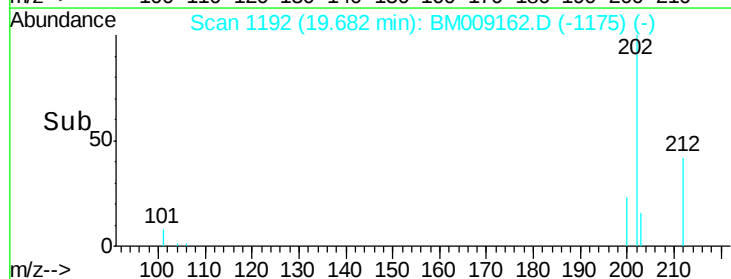
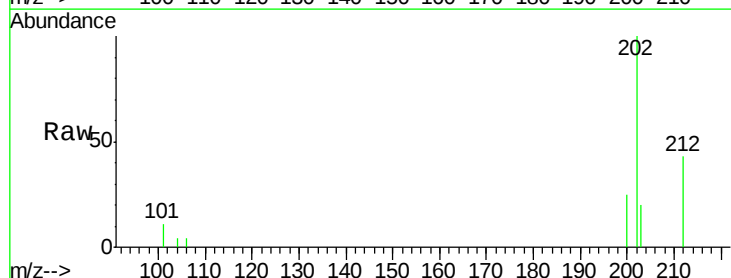
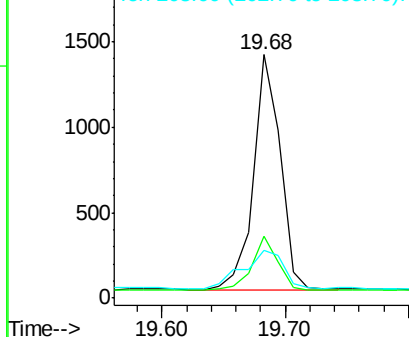
Delta R.T. 0.00 min

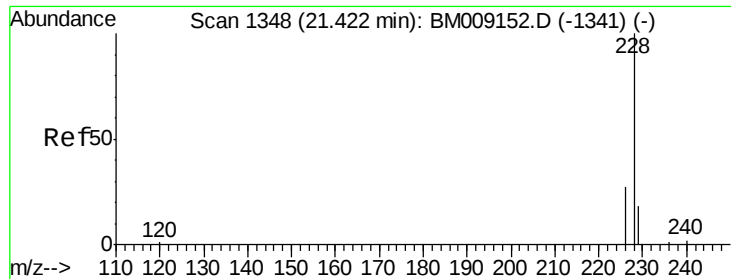
Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Tgt Ion:	202	Resp:	2081
Ion Ratio	Lower	Upper	
202	100		
200	25.2	18.2	27.4
203	19.6	15.6	23.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





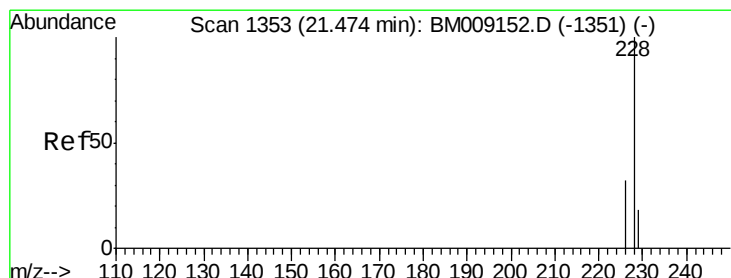
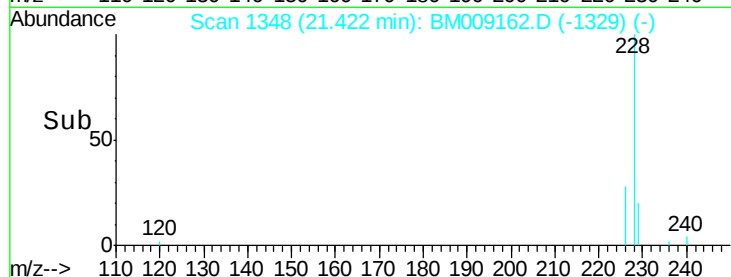
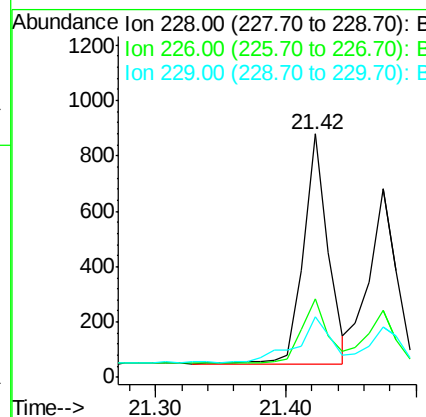
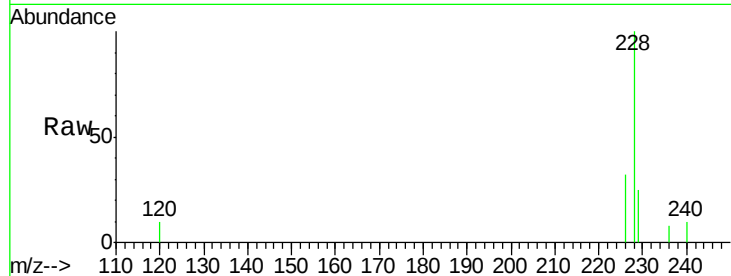
#18
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009162.D
Acq: 10 Mar 2017 01:09

Instrument :
BNA_M
ClientSampleId :
C0AG7DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.8	34.2
229	25.0	17.0	25.6

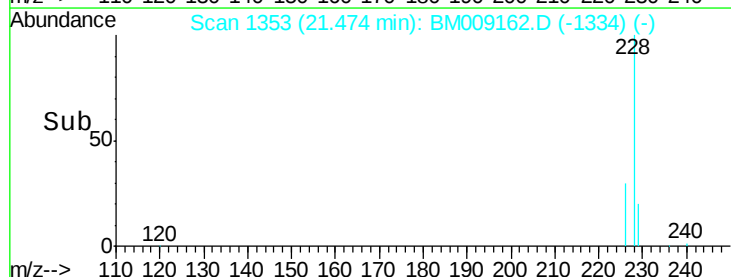
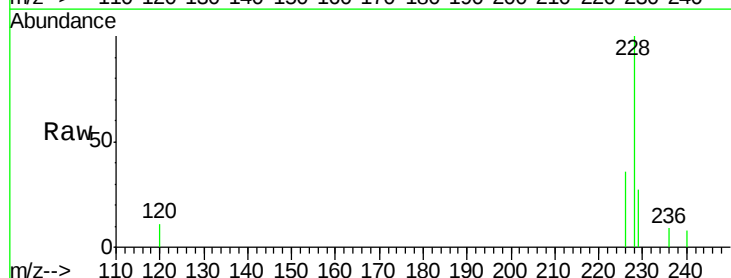
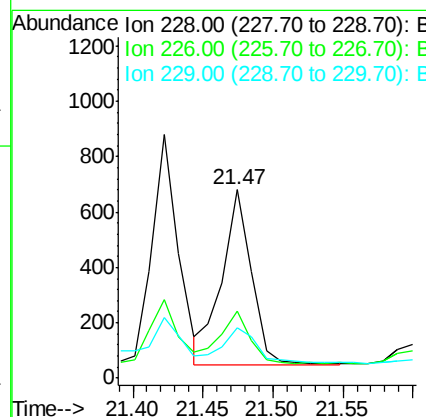
Manual Integrations
APPROVED

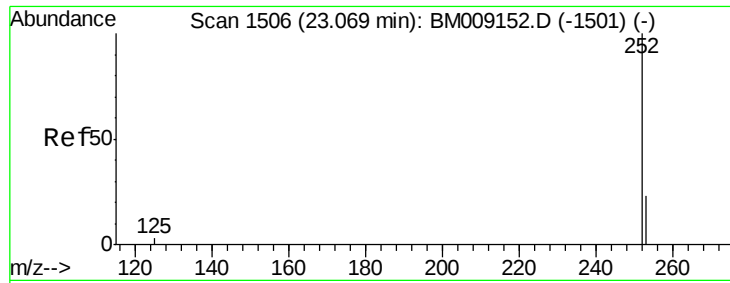
mohammad
3/10/2017 6:01:51 PM



#19
Chrysene
Concen: 0.28 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009162.D
Acq: 10 Mar 2017 01:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.7	23.4	35.0#
229	26.9	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.33 ng/ul m

RT: 23.07 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Instrument :

BNA_M

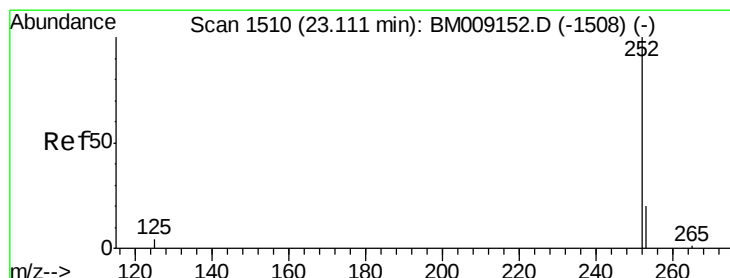
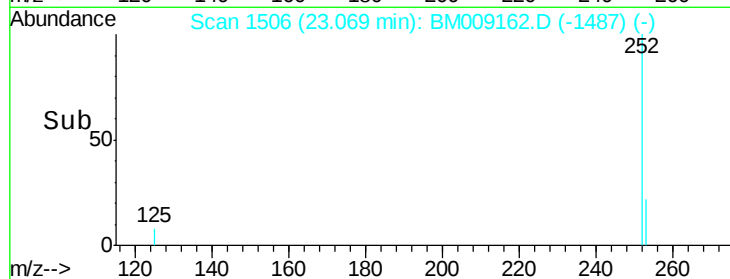
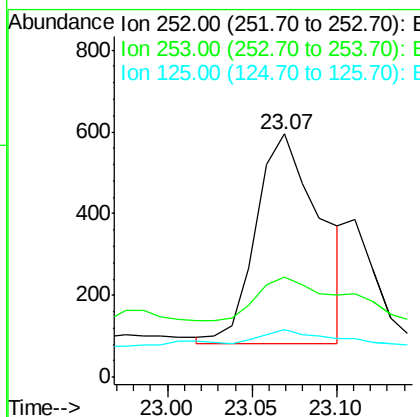
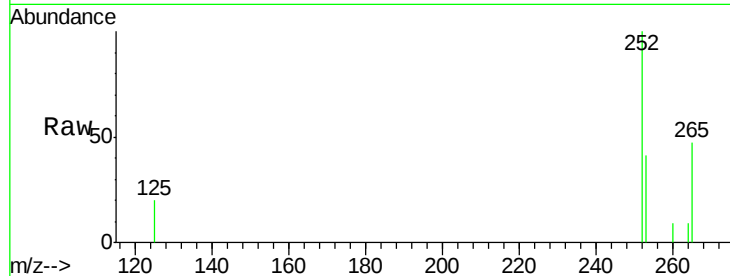
ClientSampleId :

C0AG7DL

Tgt Ion:	252	Resp:	1372
Ion Ratio	Lower	Upper	
252	100		
253	41.3	0.0	64.2
125	19.7	0.0	35.0

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:51 PM



#22

Benzo(k)fluoranthene

Concen: 0.10 ng/ul m

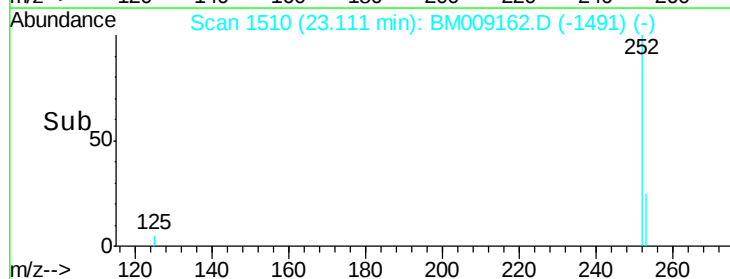
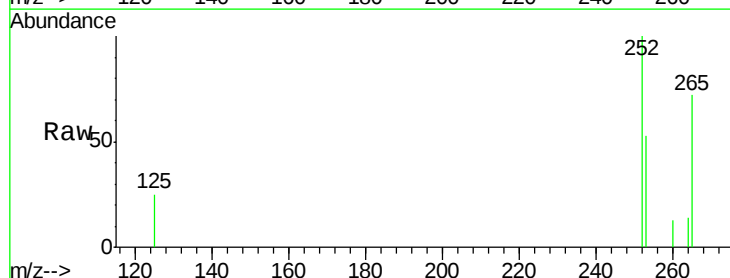
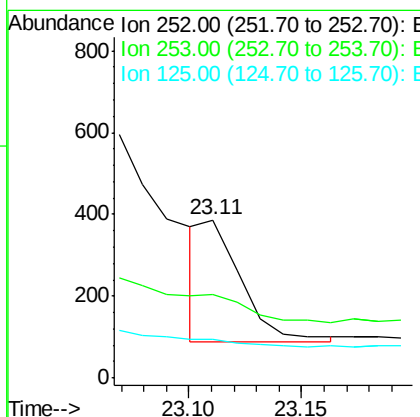
RT: 23.11 min Scan# 1510

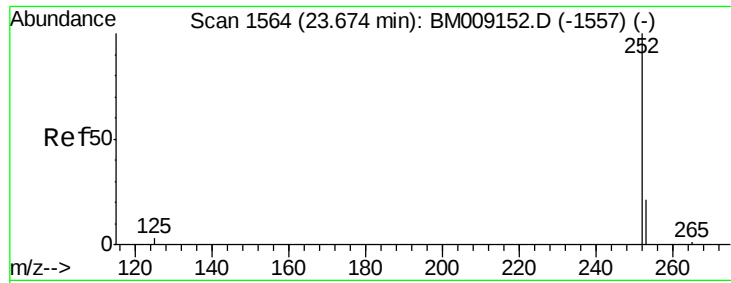
Delta R.T. 0.00 min

Lab File: BM009162.D

Acq: 10 Mar 2017 01:09

Tgt Ion:	252	Resp:	351
Ion Ratio	Lower	Upper	
252	100		
253	53.1	24.5	36.7#
125	24.6	13.7	20.5#





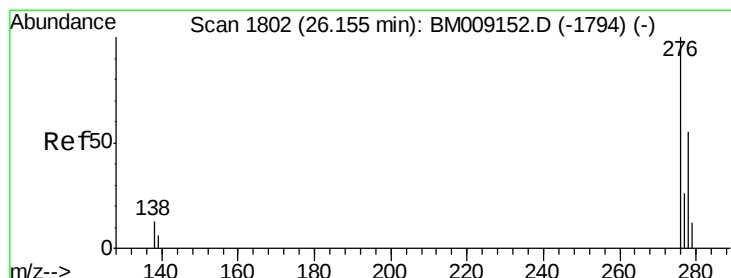
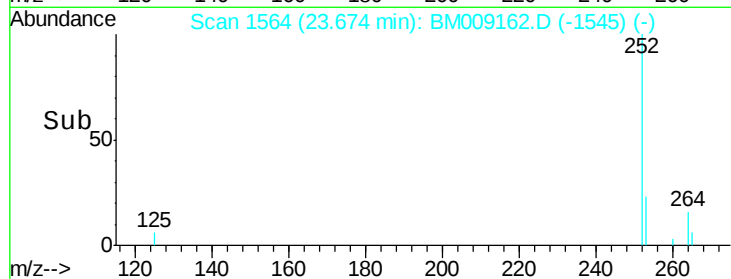
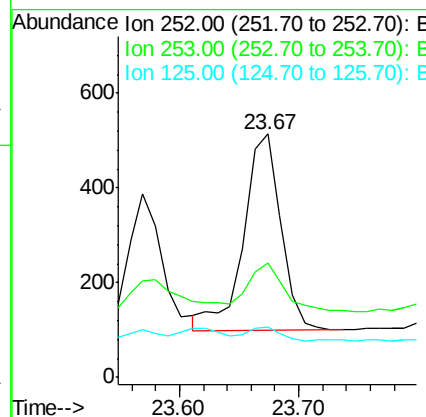
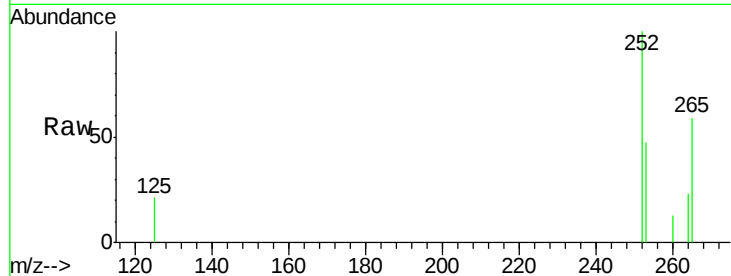
#23
Benzo(a)pyrene
Concen: 0.24 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009162.D
Acq: 10 Mar 2017 01:09

Instrument :
BNA_M
ClientSampleId :
C0AG7DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.3	28.5	42.7#
125	20.6	18.1	27.1

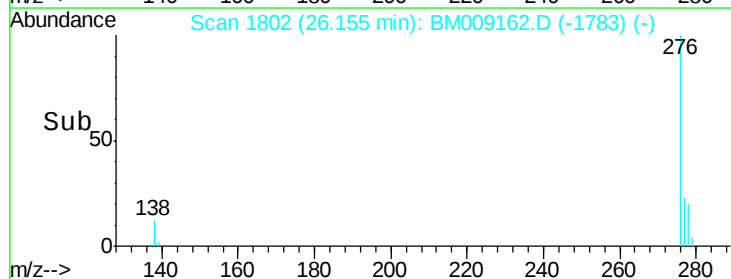
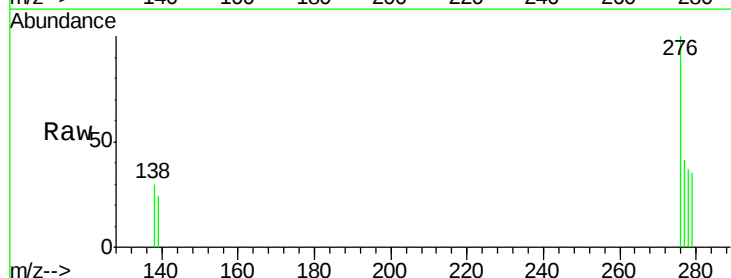
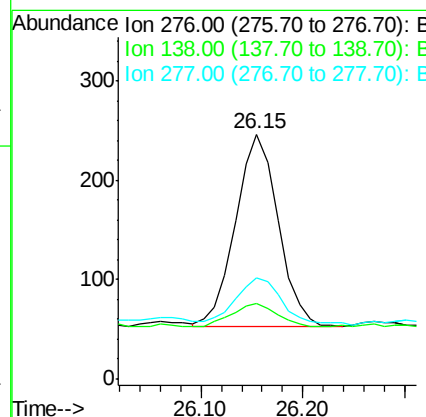
Manual Integrations
APPROVED

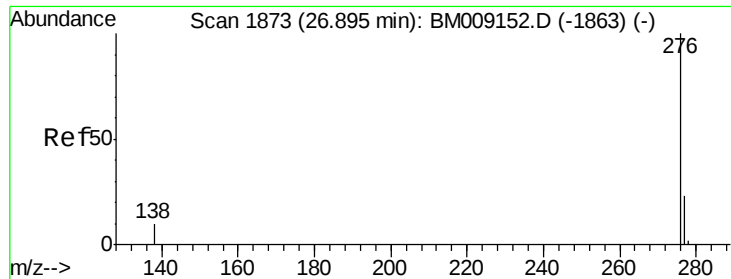
mohammad
3/10/2017 6:01:51 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM009162.D
Acq: 10 Mar 2017 01:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	19.1	28.7#
277	27.2	19.6	29.4





#26
 Benzo(g,h,i)perylene
 Concen: 0.12 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009162.D
 Acq: 10 Mar 2017 01:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
277	45.6	21.8	32.8#
138	34.4	20.5	30.7#

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:51 PM

