

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020116\
 Data File : BM004161.D
 Acq On : 01 Feb 2016 14:18
 Operator : SJ/IZ
 Sample : H1280-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2252

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:16:38 PM

Quant Time: Feb 02 09:40:15 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 01:18:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1436	0.40	ng/ul	0.00
4) Naphthalene-d8	10.45	136	6253	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	4138	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	10680	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	12292	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	11368	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.06	152	2408	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	10981	0.41	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.50	128	3777	0.25	ng/ul#	92
7) 2-Methylnaphthalene	12.13	142	5185	0.48	ng/ul	98
9) Acenaphthylene	14.04	152	2025	0.14	ng/ul#	94
10) Acenaphthene	14.38	153	4545	0.33	ng/ul	97
11) Fluorene	15.38	166	7548	0.46	ng/ul	88
13) Pentachlorophenol	16.75	266	1648	1.87	ng/ul	96
14) Phenanthrene	17.11	178	11058	0.38	ng/ul#	94
15) Anthracene	17.19	178	12047m	0.49	ng/ul	
17) Fluoranthene	19.14	202	14131	0.39	ng/ul	96
19) Pyrene	19.51	202	14128	0.37	ng/ul#	92
20) Benzo(a)anthracene	21.27	228	16242	0.52	ng/ul	97
21) Chrysene	21.32	228	17102	0.45	ng/ul	96
23) Benzo(b)fluoranthene	22.84	252	23874	0.63	ng/ul	99
24) Benzo(k)fluoranthene	22.88	252	11486m	0.32	ng/ul	
25) Benzo(a)pyrene	23.41	252	12173	0.37	ng/ul	98
27) Dibenzo(a,h)anthracene	25.78	278	21658	0.79	ng/ul	99
28) Benzo(g,h,i)perylene	26.46	276	9655	0.28	ng/ul	99

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

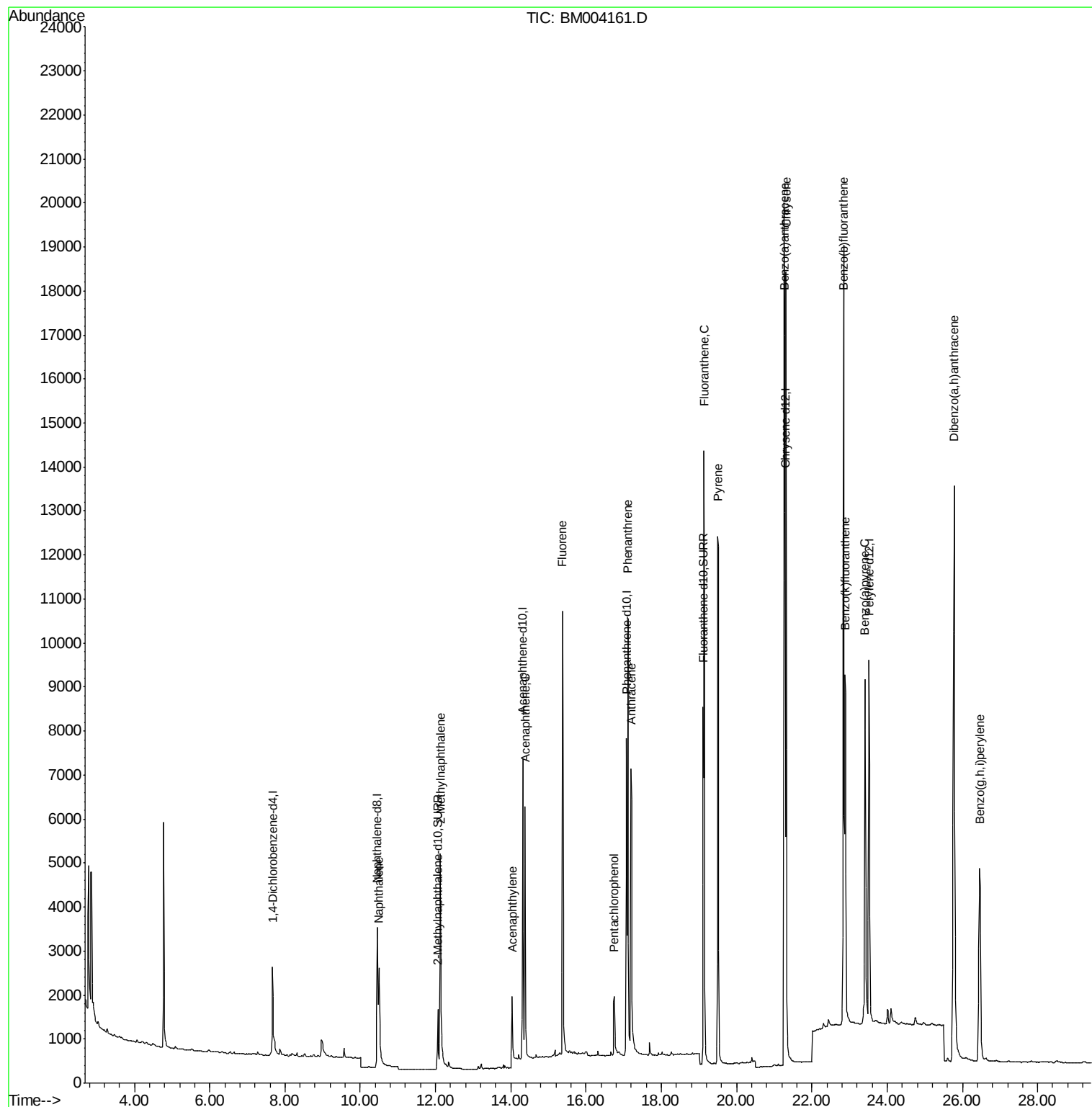
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020116\
Data File : BM004161.D
Acq On : 01 Feb 2016 14:18
Operator : SJ/IZ
Sample : H1280-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

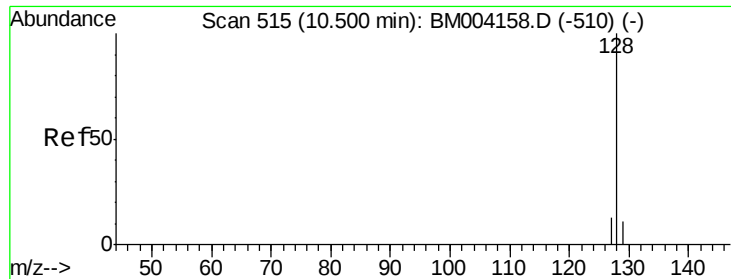
Instrument :
BNA_M
ClientSampled :
X2252

Manual Integrations
APPROVED

mohammad
2/2/2016 4:16:38 PM

Quant Time: Feb 02 09:40:15 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 01:18:17 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.25 ng/ul

RT: 10.50 min Scan# 515

Delta R.T. 0.00 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Instrument :

BNA_M

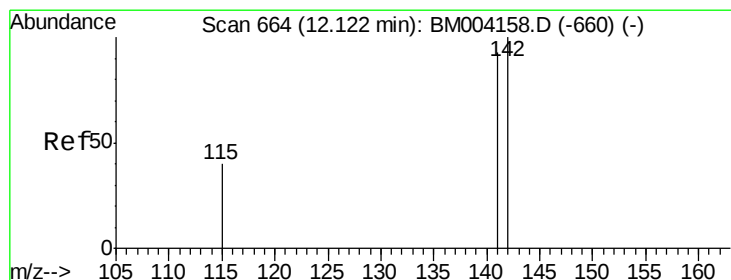
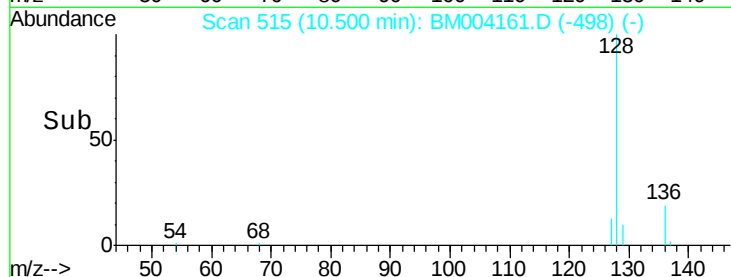
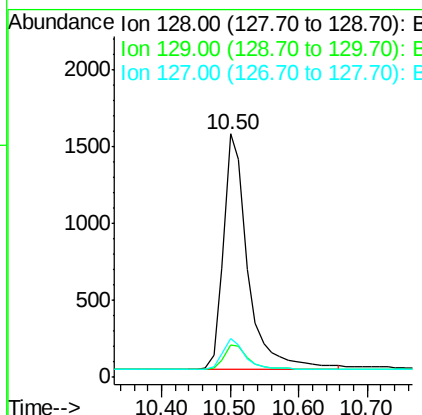
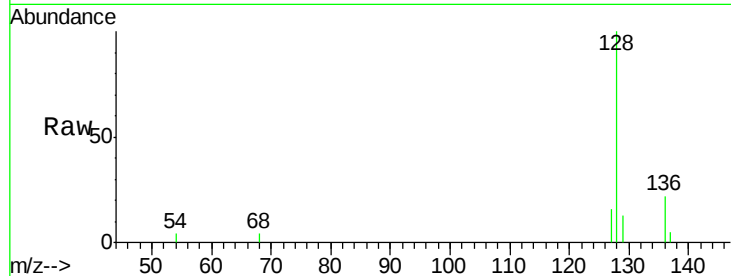
ClientSampleId :

X2252

Tot Ion:128	Resp:	3777
Ion Ratio	Lower	Upper
128 100		
129 13.4	9.0	13.6
127 16.1	9.6	14.4#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:16:38 PM



#7

2-Methylnaphthalene

Concen: 0.48 ng/ul

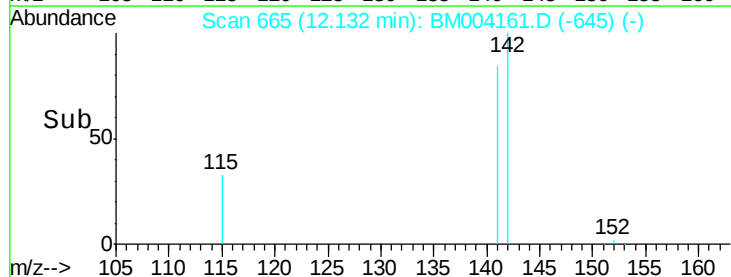
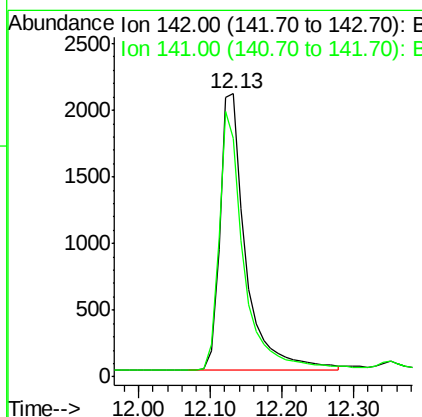
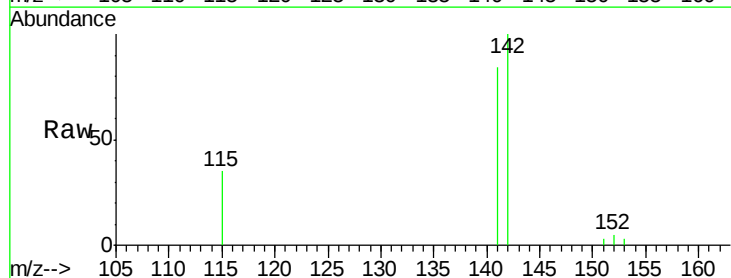
RT: 12.13 min Scan# 665

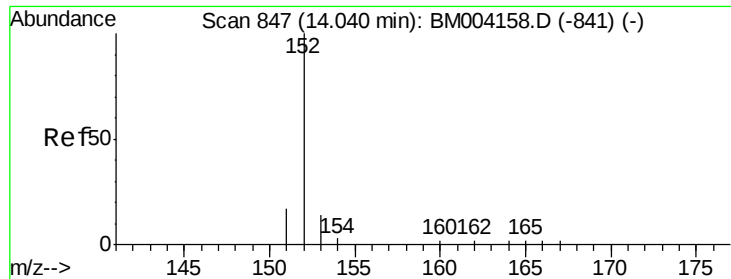
Delta R.T. 0.01 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Tgt Ion:142	Resp:	5185
Ion Ratio	Lower	Upper
142 100		
141 90.1	70.3	105.5





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Instrument :

BNA_M

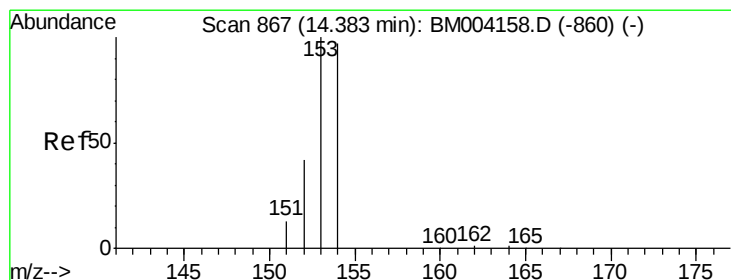
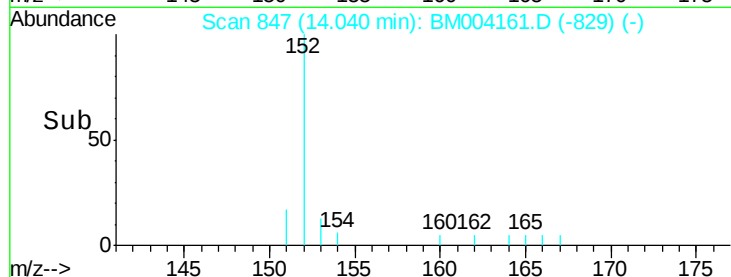
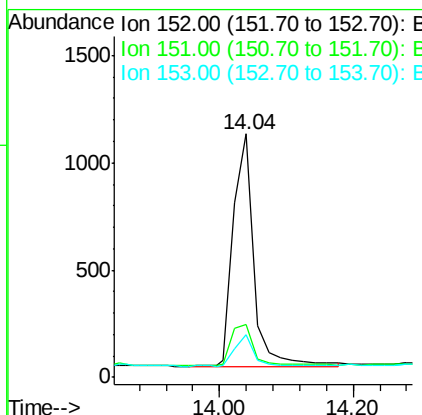
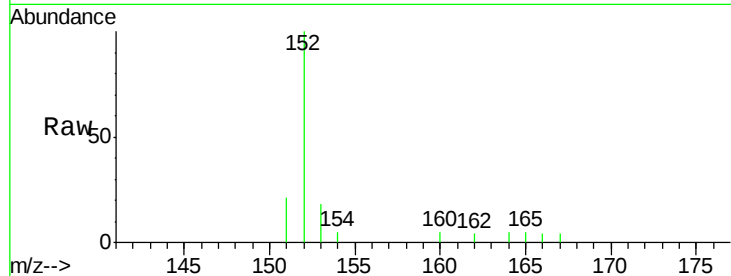
ClientSampleId :

X2252

Tot Ion:	152	Resp:	2025
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.6	26.4
153	17.7	9.7	14.5#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:16:38 PM



#10

Acenaphthene

Concen: 0.33 ng/ul

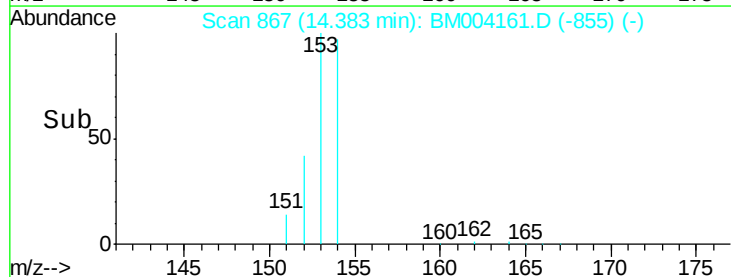
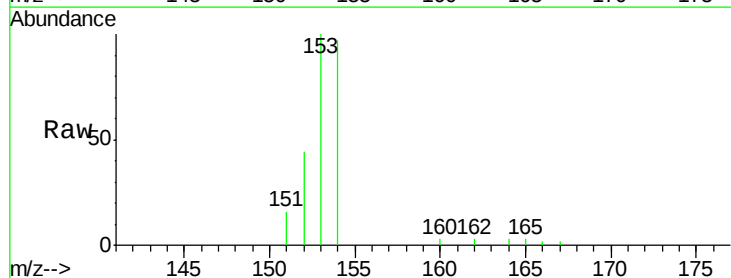
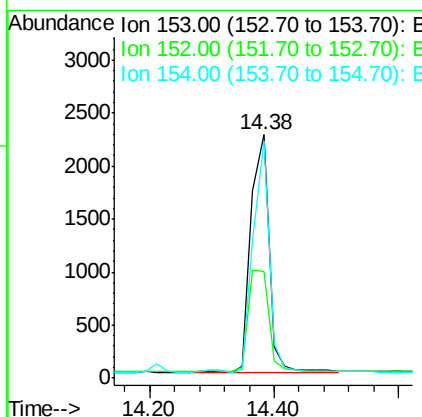
RT: 14.38 min Scan# 867

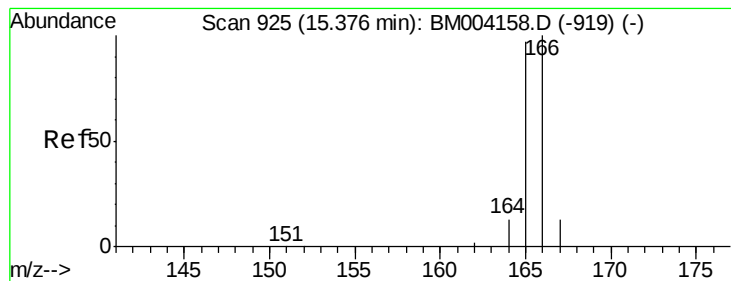
Delta R.T. 0.00 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Tgt Ion:	153	Resp:	4545
Ion Ratio	Lower	Upper	
153	100		
152	43.8	33.9	50.9
154	97.4	80.6	121.0





#11

Fluorene

Concen: 0.46 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Instrument :

BNA_M

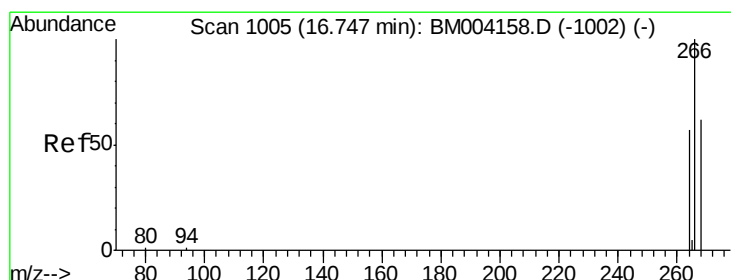
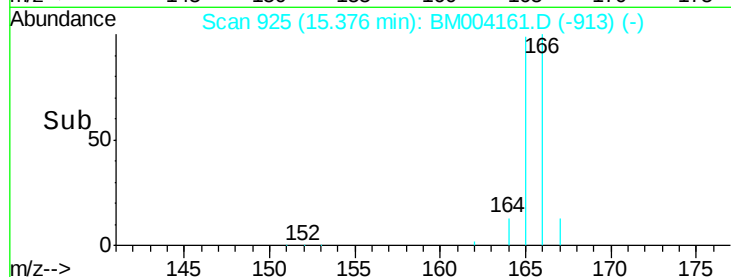
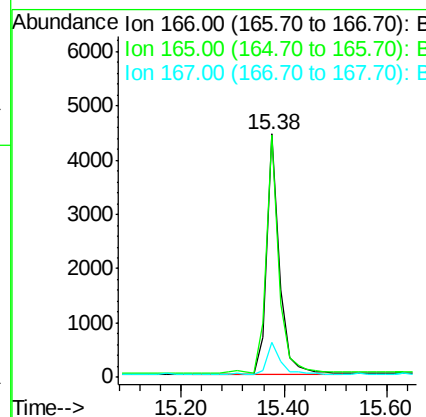
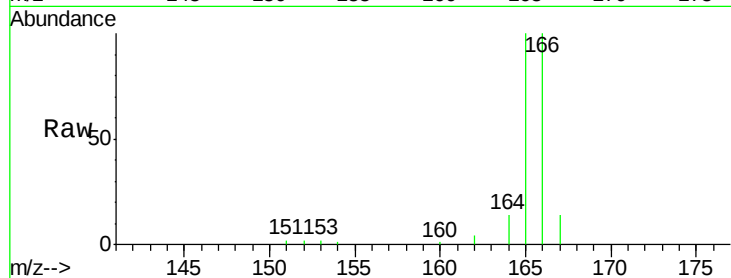
ClientSampleId :

X2252

Tot Ion:	166	Resp:	7548
Ion Ratio	Lower	Upper	
166	100		
165	99.5	69.6	104.4
167	14.2	11.9	17.9

Manual Integrations
APPROVED

mohammad
2/2/2016 4:16:38 PM



#13

Pentachlorophenol

Concen: 1.87 ng/ul

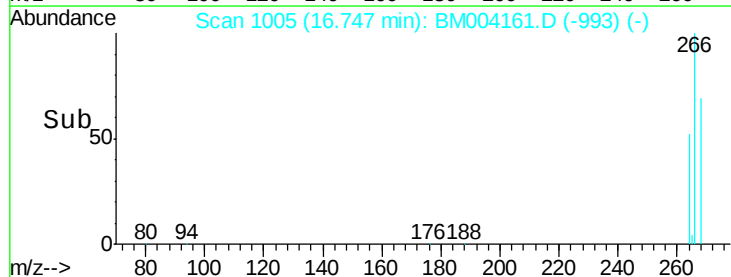
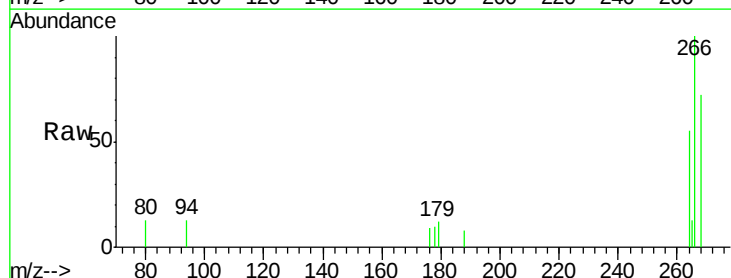
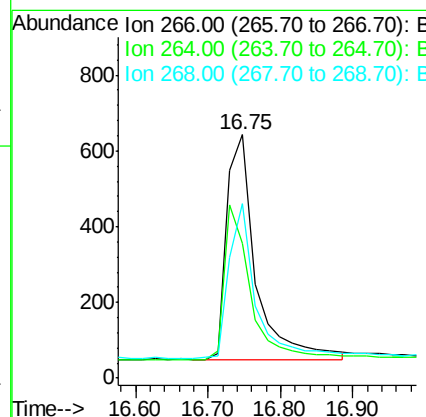
RT: 16.75 min Scan# 1005

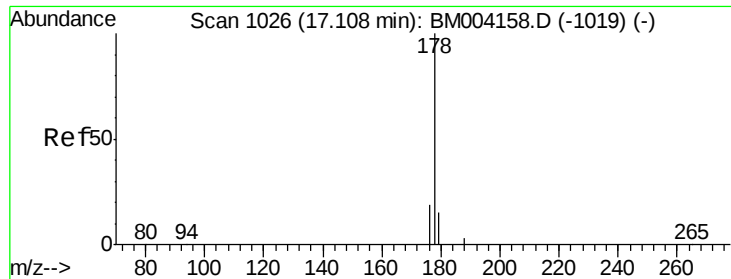
Delta R.T. 0.00 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Tgt Ion:	266	Resp:	1648
Ion Ratio	Lower	Upper	
266	100		
264	63.2	51.8	77.8
268	63.9	46.8	70.2





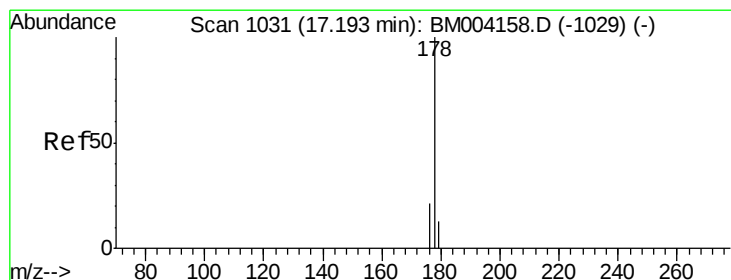
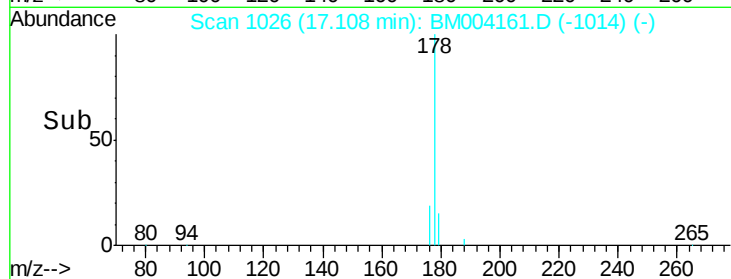
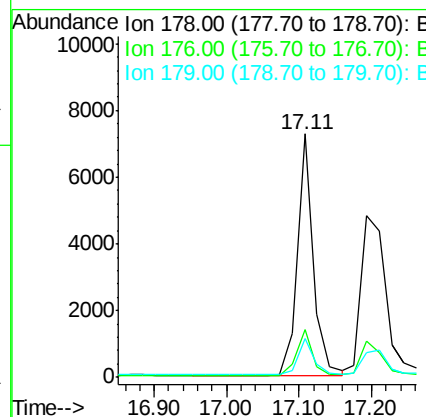
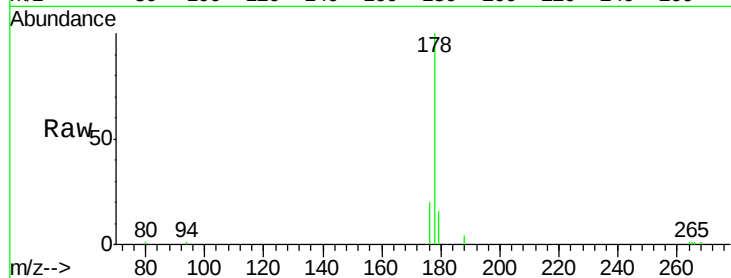
#14
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM004161.D
Acq: 01 Feb 2016 14:18

Instrument :
BNA_M
ClientSampleId :
X2252

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.0	19.4#
179	15.8	14.2	21.2

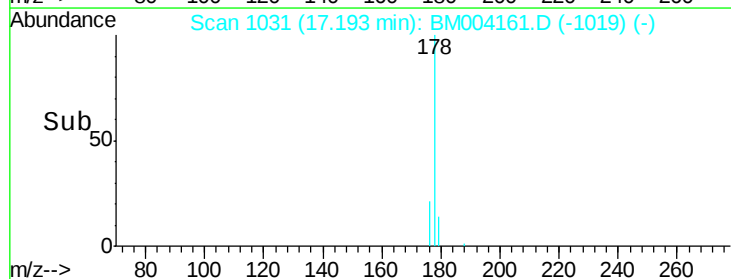
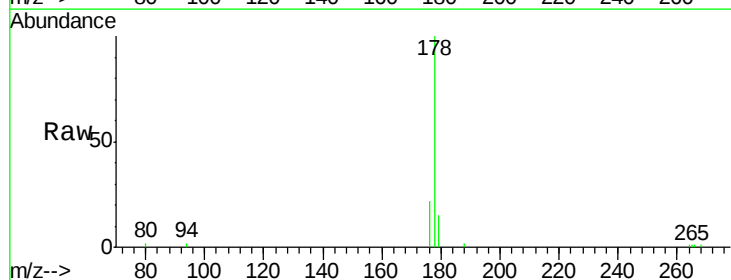
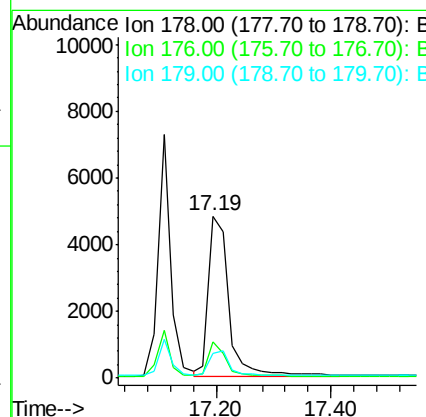
Manual Integrations
APPROVED

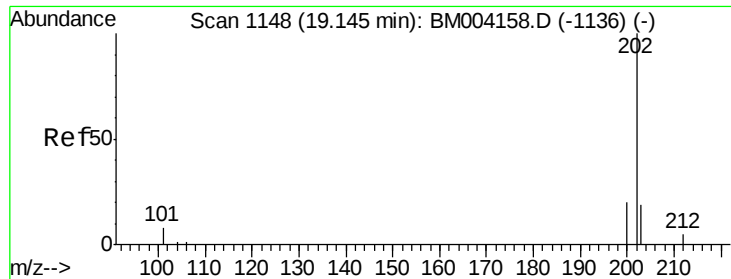
mohammad
2/2/2016 4:16:38 PM



#15
Anthracene
Concen: 0.49 ng/ul m
RT: 17.19 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM004161.D
Acq: 01 Feb 2016 14:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	14.0	21.0#
179	15.0	12.9	19.3





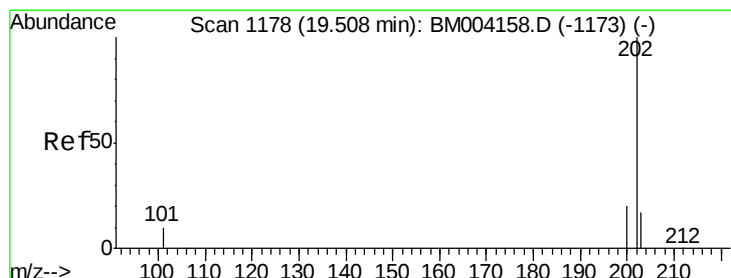
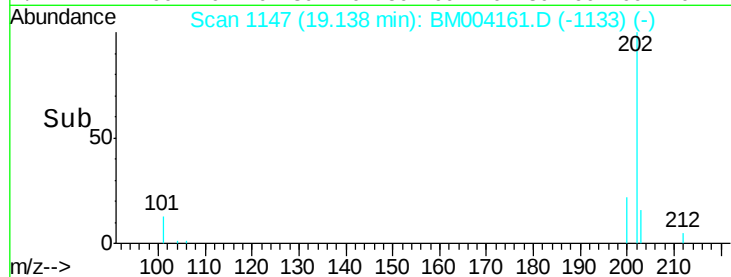
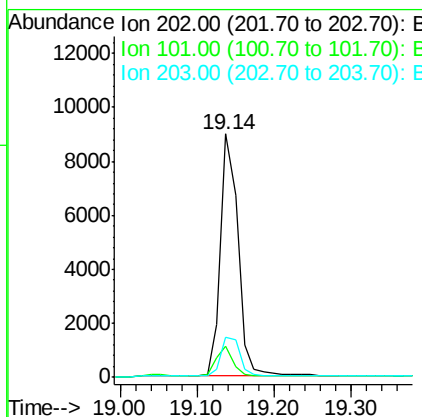
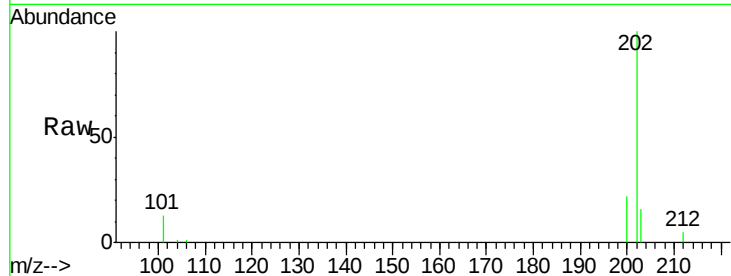
#17
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.14 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM004161.D
 Acq: 01 Feb 2016 14:18

Instrument :
 BNA_M
 ClientSampleId :
 X2252

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		14131		
101	13.0	0.0	29.6		
203	16.4	0.0	36.3		

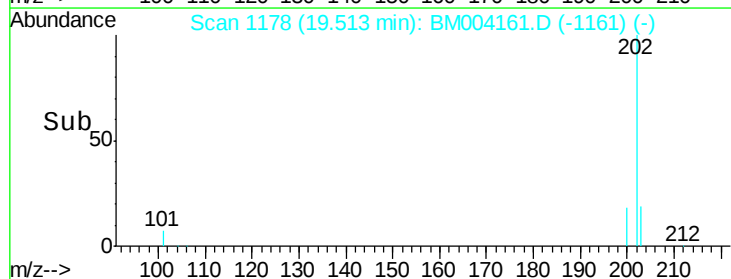
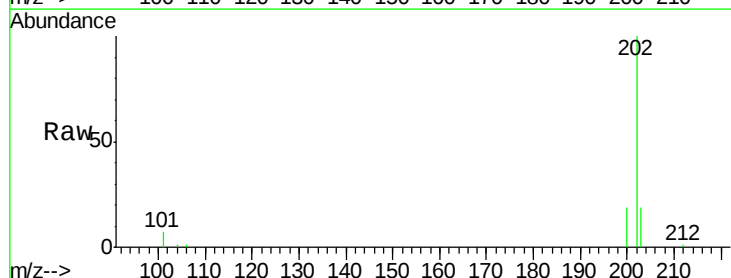
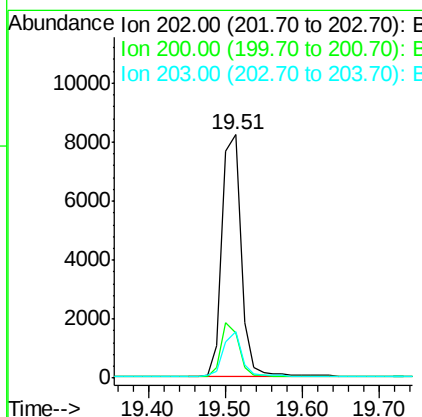
Manual Integrations
 APPROVED

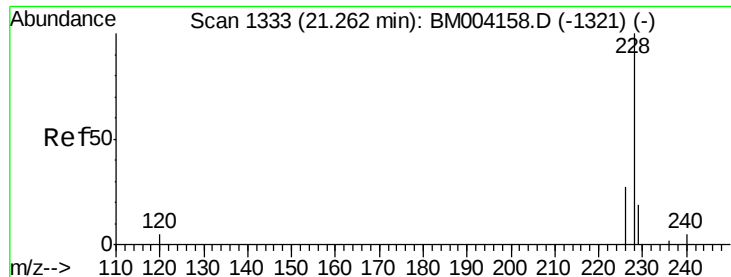
mohammad
 2/2/2016 4:16:38 PM



#19
 Pyrene
 Concen: 0.37 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BM004161.D
 Acq: 01 Feb 2016 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		14128		
200	18.8	17.8	26.8		
203	19.3	12.8	19.2#		





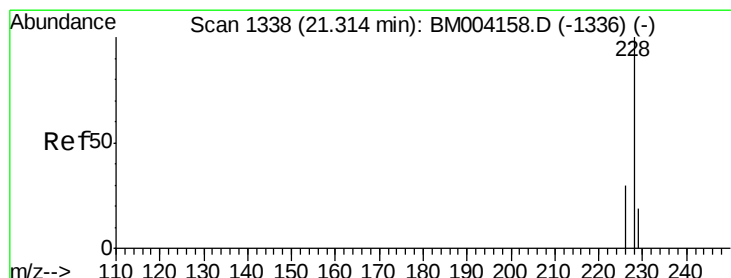
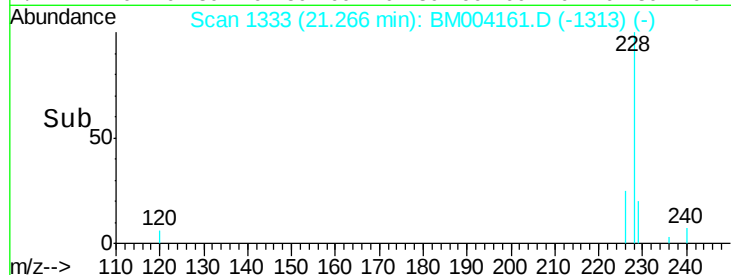
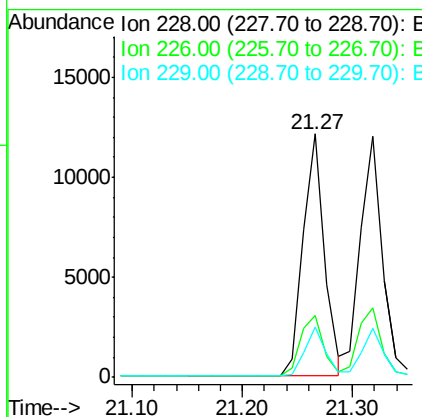
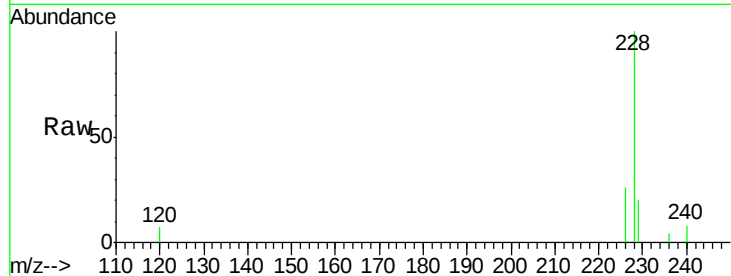
#20
Benzo(a)anthracene
Concen: 0.52 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BM004161.D
Acq: 01 Feb 2016 14:18

Instrument :
BNA_M
ClientSampleId :
X2252

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.7	18.8	28.2
229	20.5	17.1	25.7

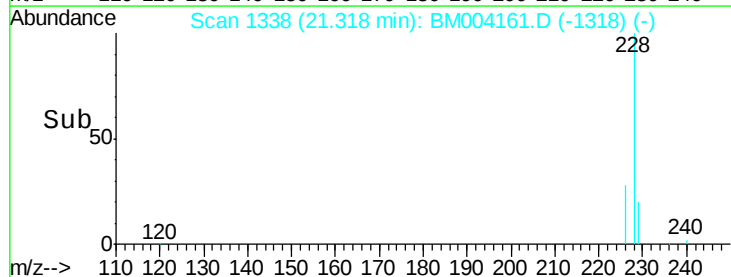
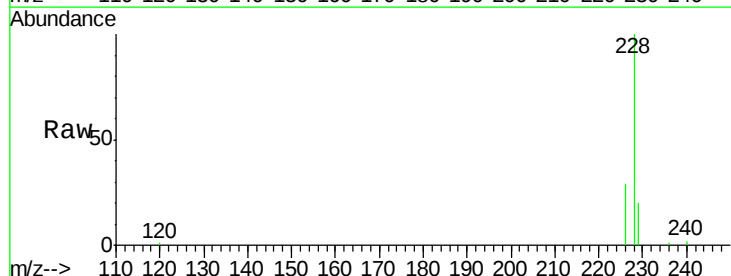
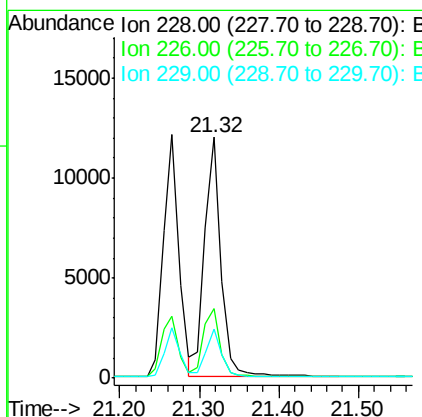
Manual Integrations
APPROVED

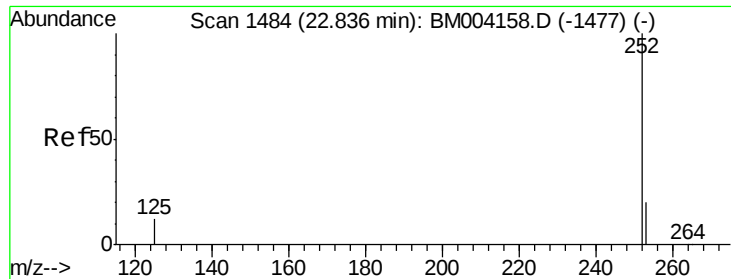
mohammad
2/2/2016 4:16:38 PM



#21
Chrysene
Concen: 0.45 ng/ul
RT: 21.32 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BM004161.D
Acq: 01 Feb 2016 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.2	31.8
229	20.1	17.0	25.6





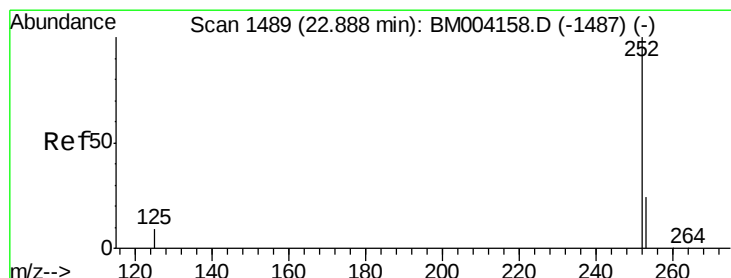
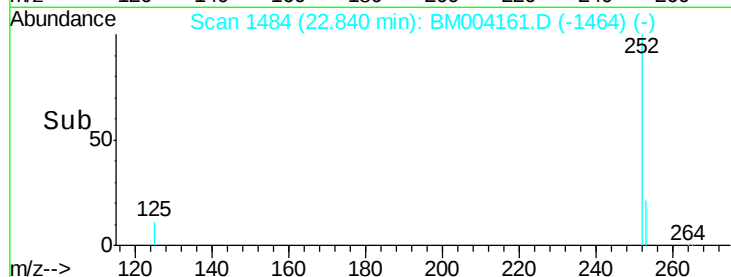
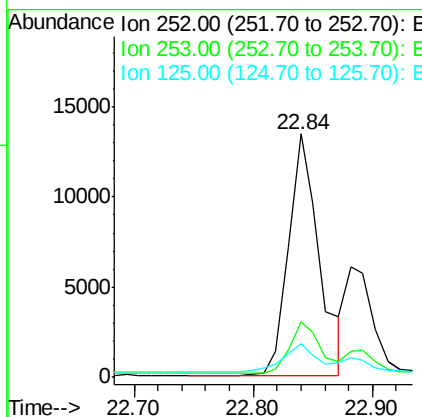
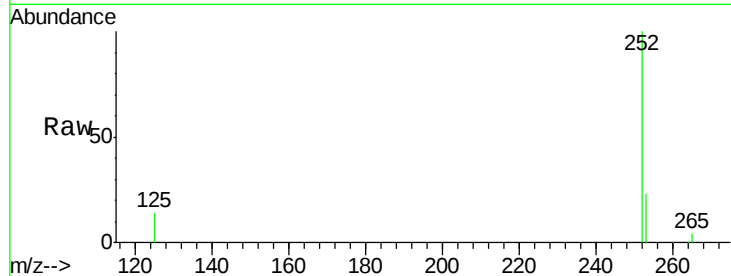
#23
Benzo(b)fluoranthene
Concen: 0.63 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BM004161.D
Acq: 01 Feb 2016 14:18

Instrument :
BNA_M
ClientSampleId :
X2252

Tot Ion	Ratio	Resp	Lower	Upper
252	100	23874		
253	22.6	0.0	45.4	
125	13.6	0.0	28.8	

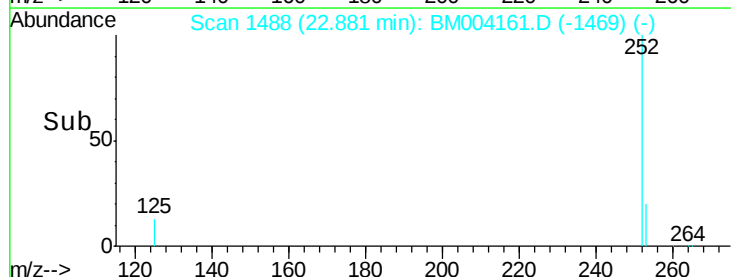
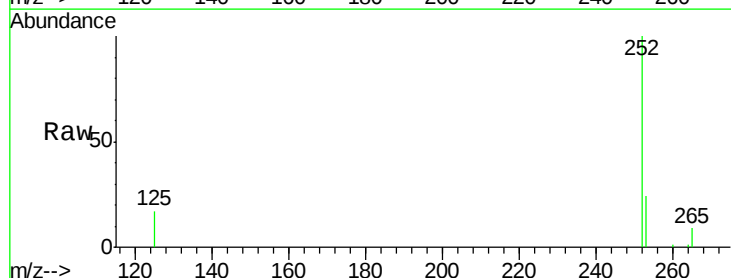
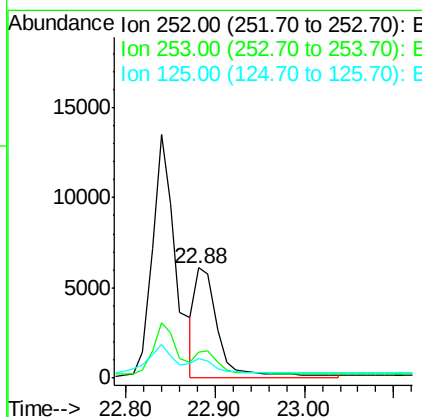
Manual Integrations
APPROVED

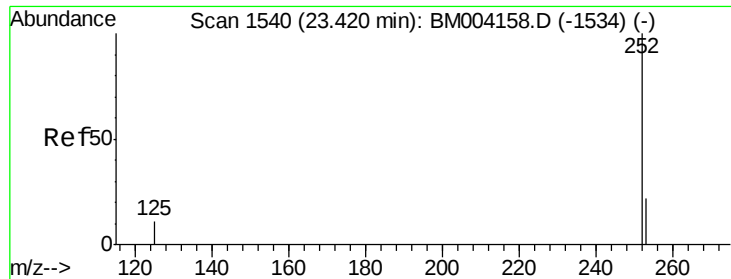
mohammad
2/2/2016 4:16:38 PM



#24
Benzo(k)fluoranthene
Concen: 0.32 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM004161.D
Acq: 01 Feb 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	11486		
253	24.0	19.8	29.8	
125	17.3	10.4	15.6	





#25

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM004161.D

Acq: 01 Feb 2016 14:18

Instrument :

BNA_M

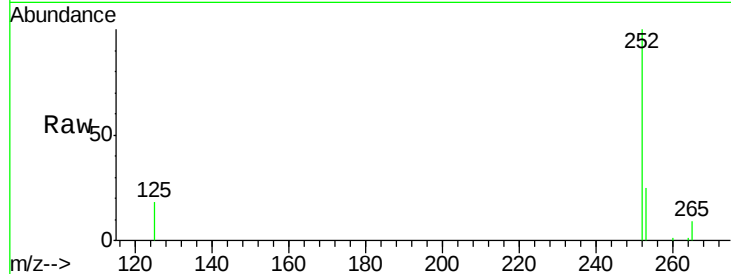
ClientSampleId :

X2252

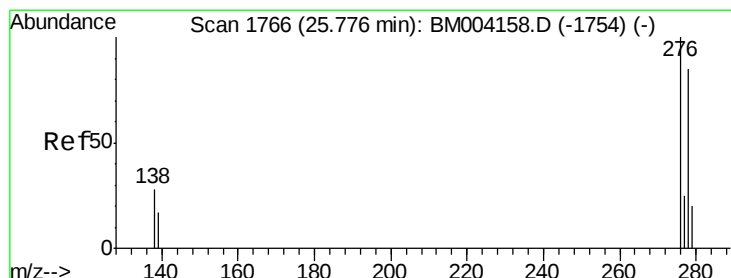
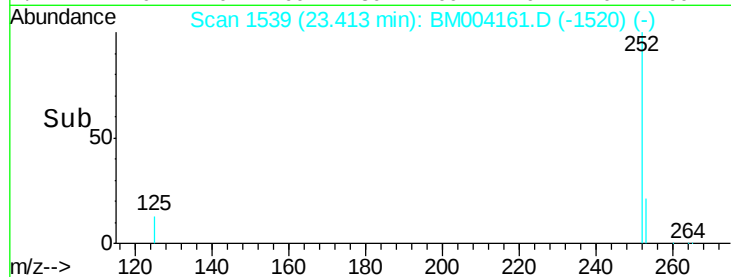
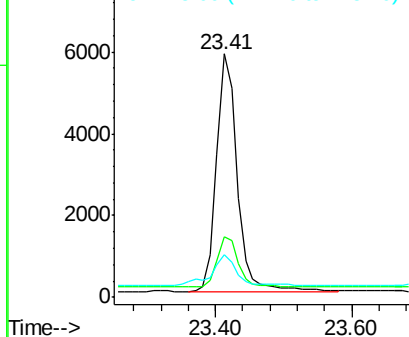
Tot Ion:	252	Resp:	12173
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.4	29.2
125	17.8	12.7	19.1

Manual Integrations
APPROVED

mohammad
2/2/2016 4:16:38 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



#27

Dibenzo(a,h)anthracene

Concen: 0.79 ng/ul

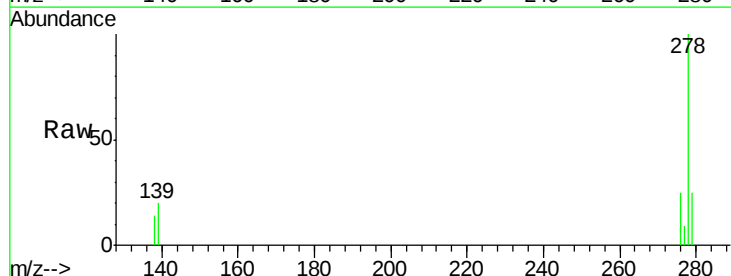
RT: 25.78 min Scan# 1766

Delta R.T. 0.00 min

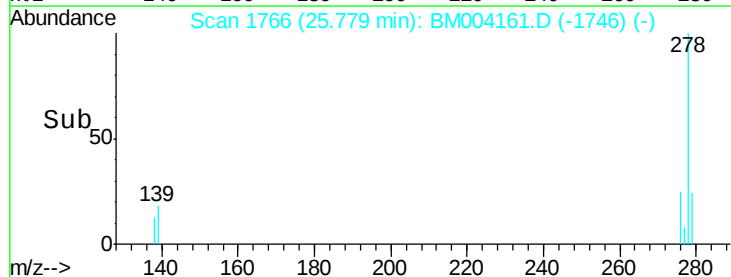
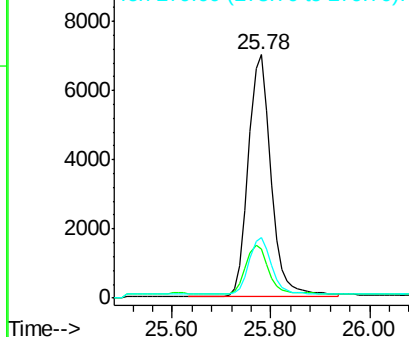
Lab File: BM004161.D

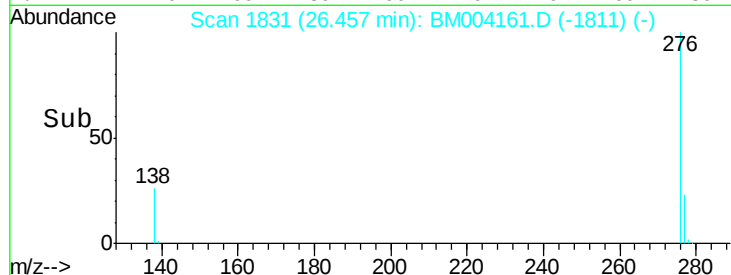
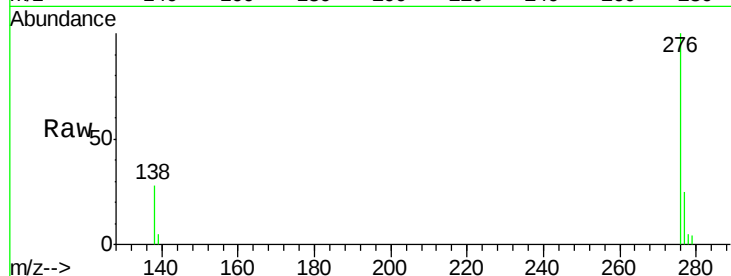
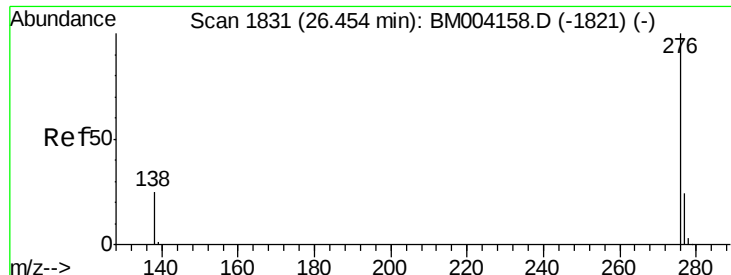
Acq: 01 Feb 2016 14:18

Tgt Ion:	278	Resp:	21658
Ion Ratio	Lower	Upper	
278	100		
139	19.9	16.4	24.6
279	25.1	20.2	30.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#28
 Benzo(a,h,i)perylene
 Concen: 0.28 ng/ul
 RT: 26.46 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BM004161.D
 Acq: 01 Feb 2016 14:18

Tot Ion:	276	Resp:	9655
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.9	28.3
138	28.1	22.5	33.7

Instrument :
 BNA_M
 ClientSampleId :
 X2252

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:16:38 PM

