

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009164.D
 Acq On : 10 Mar 2017 02:21
 Operator : SJ/MA
 Sample : I2062-22DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK8DL

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:56 PM

Quant Time: Mar 10 10:17:34 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	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	810	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	443	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1004	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1101	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	55	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	136	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	251	0.11	ng/ul#	55
5) 2-Methylnaphthalene	12.34	142	239	0.14	ng/ul	95
12) Phenanthrene	17.30	178	440	0.14	ng/ul#	71
15) Fluoranthene	19.33	202	1033	0.25	ng/ul	92
17) Pyrene	19.69	202	913	0.24	ng/ul#	92
18) Benzo(a)anthracene	21.42	228	458	0.13	ng/ul#	78
19) Chrysene	21.47	228	672	0.19	ng/ul#	80
21) Benzo(b)fluoranthene	23.07	252	1046m	0.24	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	296m	0.08	ng/ul	
23) Benzo(a)pyrene	23.67	252	600	0.15	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.15	276	497	0.10	ng/ul#	91
26) Benzo(g,h,i)perylene	26.89	276	453	0.11	ng/ul#	71

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

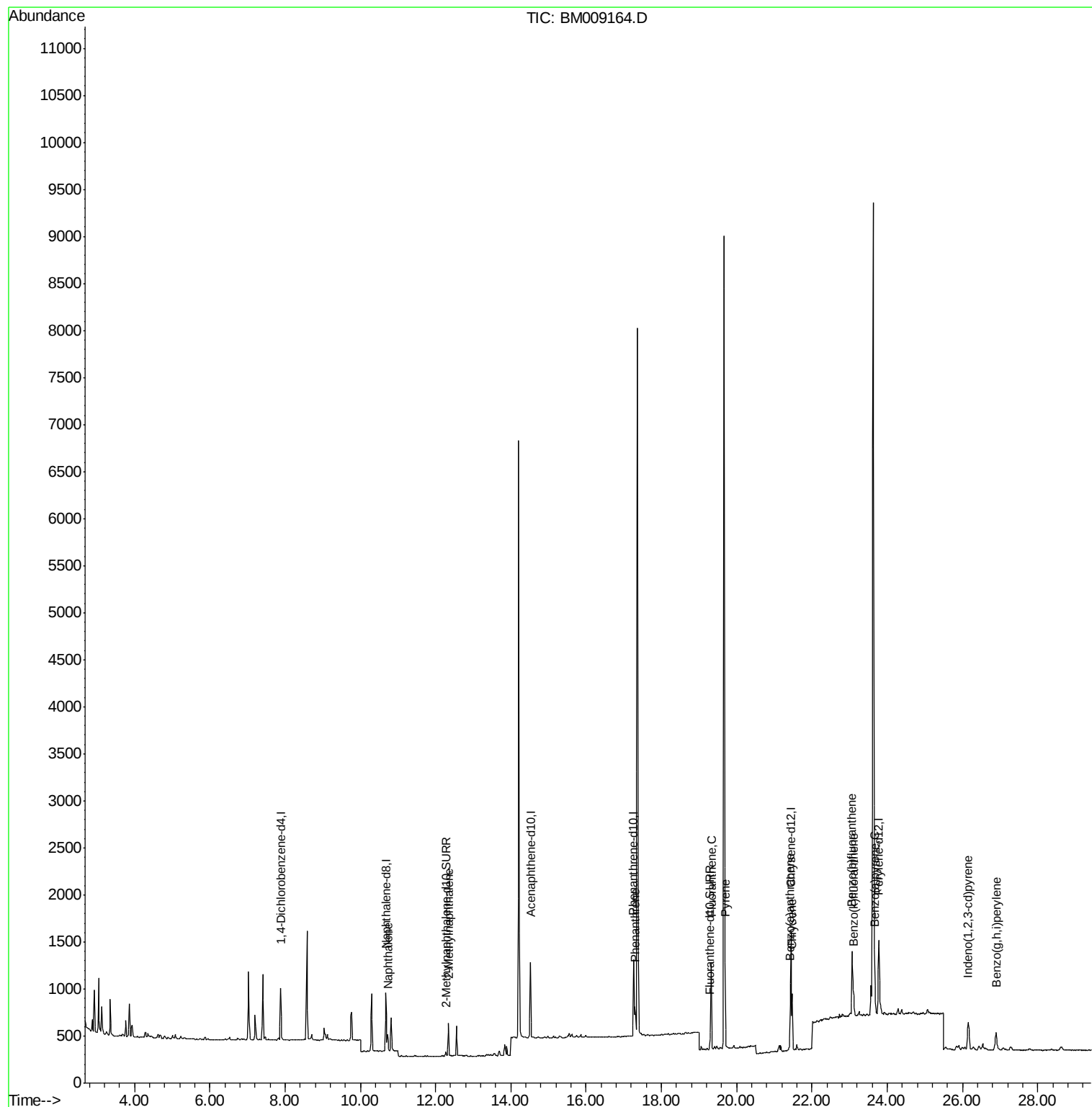
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009164.D
Acq On : 10 Mar 2017 02:21
Operator : SJ/MA
Sample : I2062-22DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

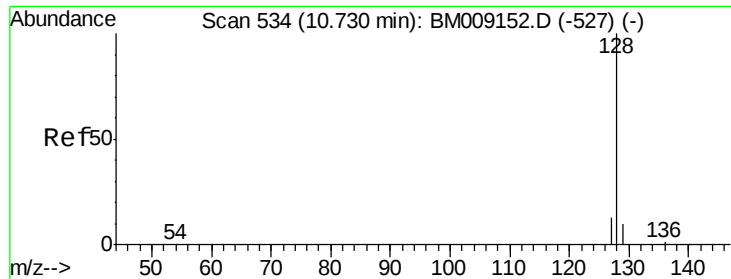
Instrument :
BNA_M
ClientSampleId :
C0AK8DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:56 PM

Quant Time: Mar 10 10:17:34 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





#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009164.D

Acq: 10 Mar 2017 02:21

Instrument :

BNA_M

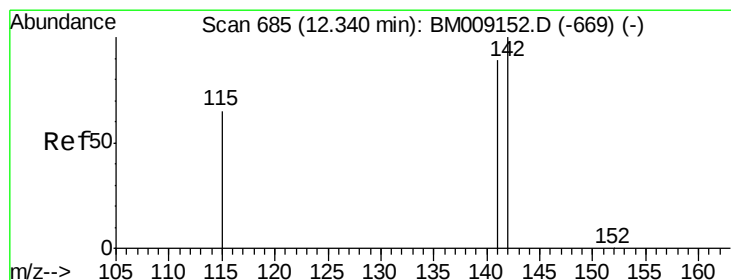
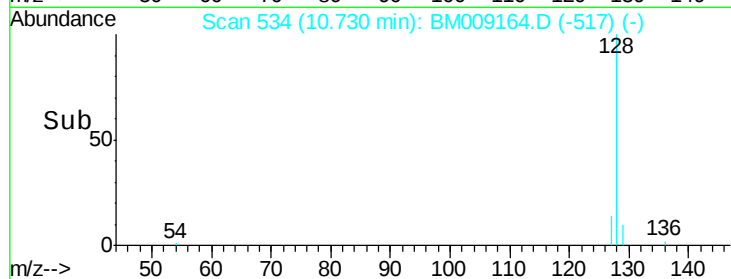
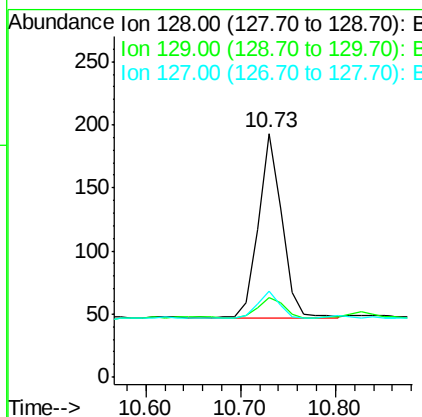
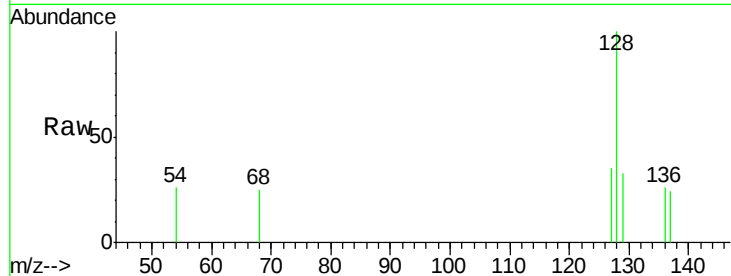
ClientSampleId :

C0AK8DL

Tgt Ion:	128	Resp:	251
Ion Ratio	Lower	Upper	
128	100		
129	32.6	11.3	16.9#
127	35.2	12.8	19.2#

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:56 PM



#5

2-Methylnaphthalene

Concen: 0.14 ng/ul

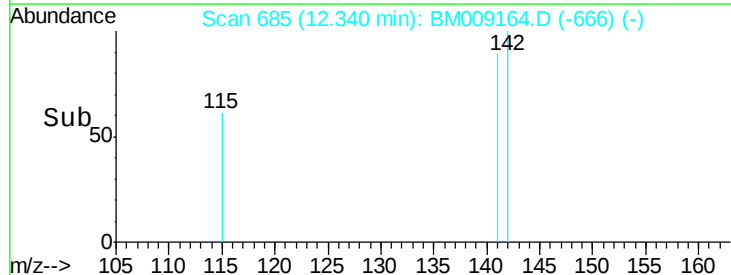
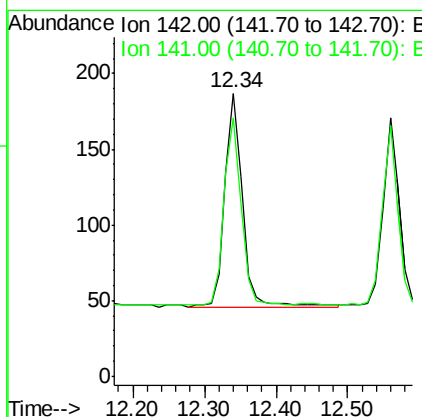
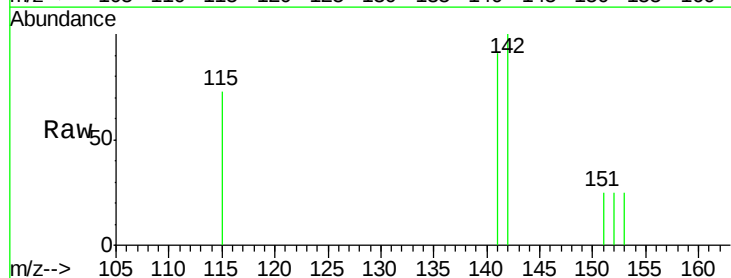
RT: 12.34 min Scan# 685

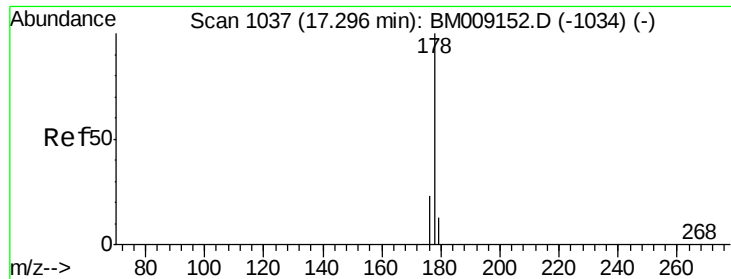
Delta R.T. 0.00 min

Lab File: BM009164.D

Acq: 10 Mar 2017 02:21

Tgt Ion:	142	Resp:	239
Ion Ratio	Lower	Upper	
142	100		
141	85.8	72.6	108.8





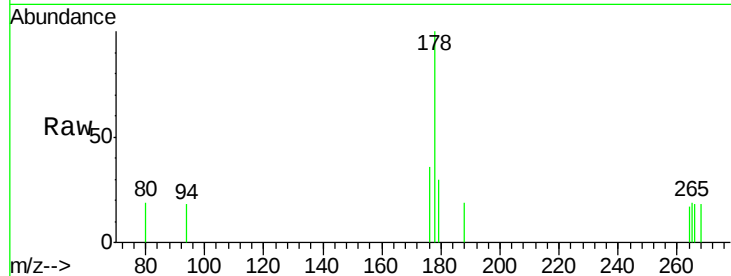
#12
Phenanthrene
Concen: 0.14 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009164.D
Acq: 10 Mar 2017 02:21

Instrument :
BNA_M
ClientSampleId :
C0AK8DL

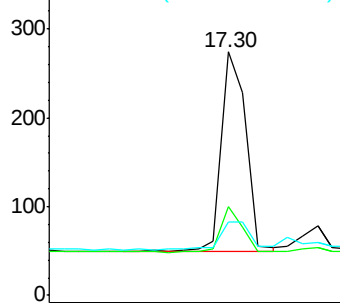
Tgt Ion	Ratio	Lower	Upper
178	100		
176	36.5	18.4	27.6#
179	30.3	13.6	20.4#

Manual Integrations
APPROVED

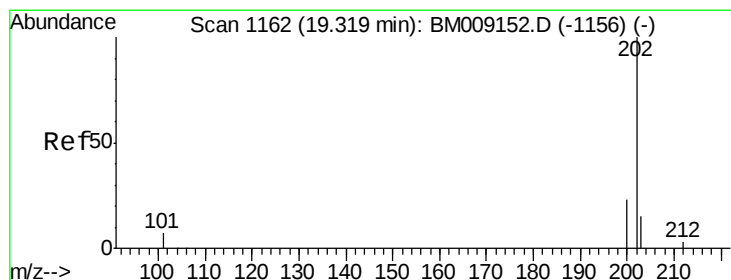
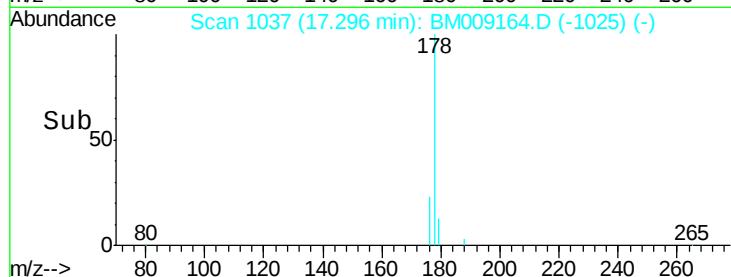
mohammad
3/10/2017 6:01:56 PM



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



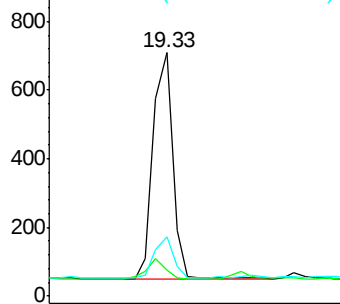
Time--> 17.10 17.20 17.30 17.40



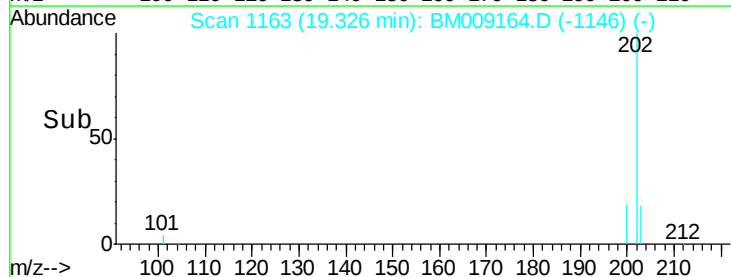
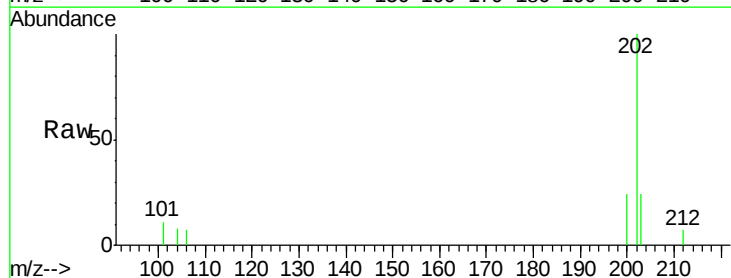
#15
Fluoranthene
Concen: 0.25 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BM009164.D
Acq: 10 Mar 2017 02:21

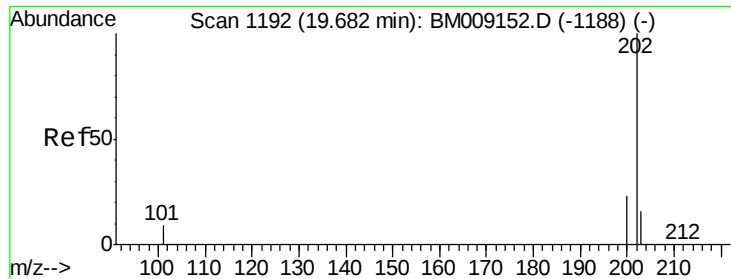
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	24.4	0.0	39.5

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



Time--> 19.20 19.30 19.40 19.50





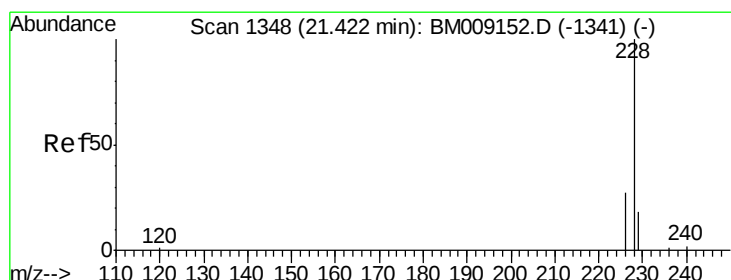
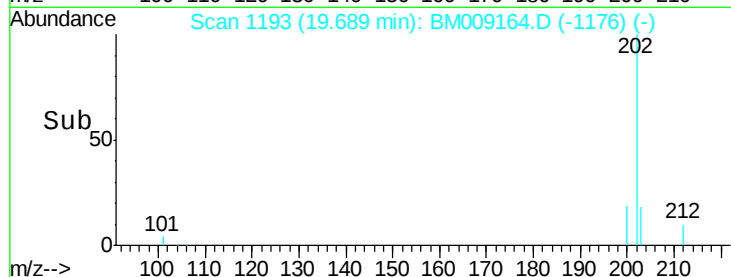
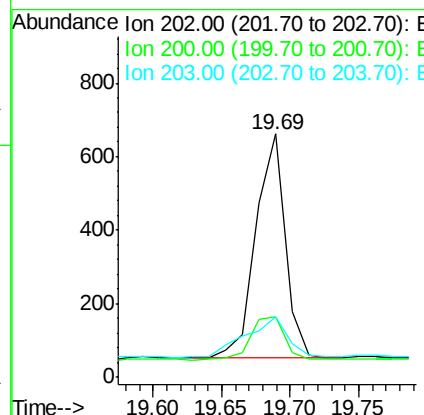
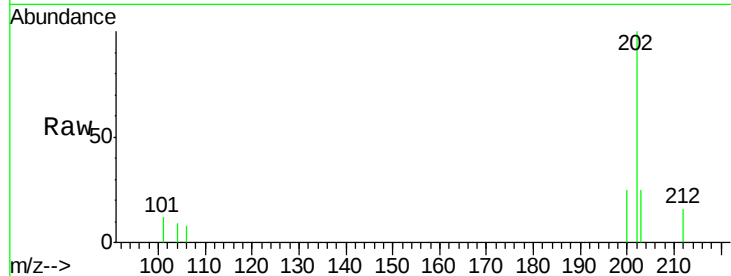
#17
 Pyrene
 Concen: 0.24 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM009164.D
 Acq: 10 Mar 2017 02:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AK8DL

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.8	18.2	27.4
203	25.1	15.6	23.4#

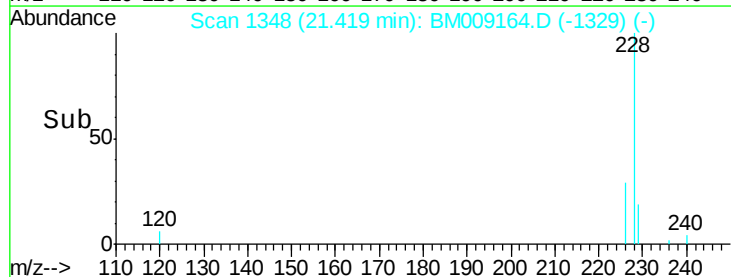
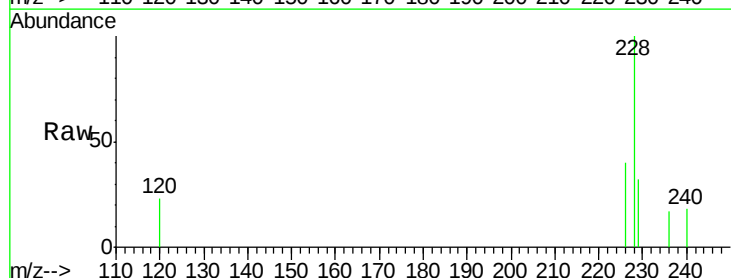
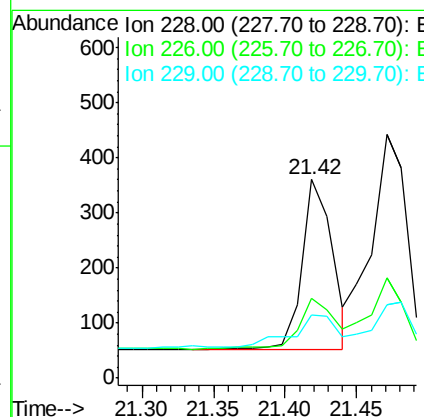
Manual Integrations
 APPROVED

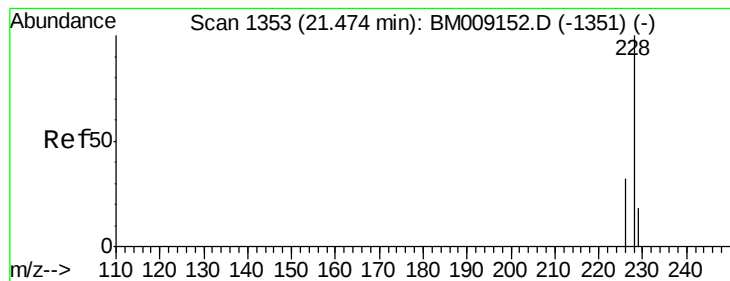
mohammad
 3/10/2017 6:01:56 PM



#18
 Benzo(a)anthracene
 Concen: 0.13 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009164.D
 Acq: 10 Mar 2017 02:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.2	22.8	34.2#
229	32.1	17.0	25.6#





#19

Chrysene

Concen: 0.19 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009164.D

Acq: 10 Mar 2017 02:21

Instrument :

BNA_M

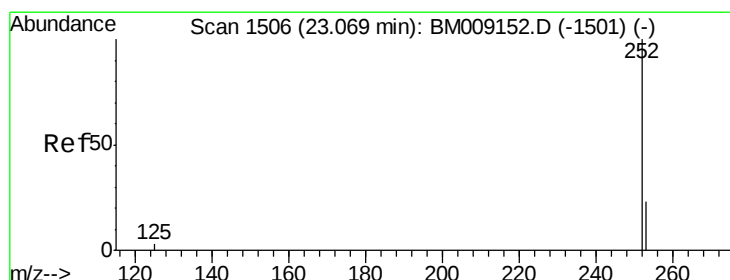
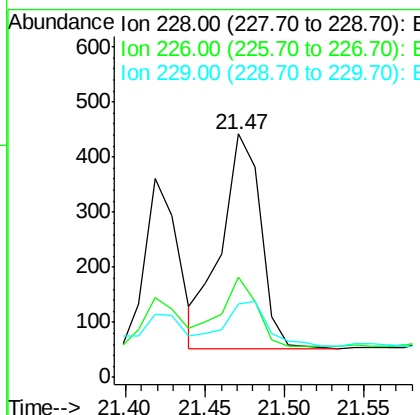
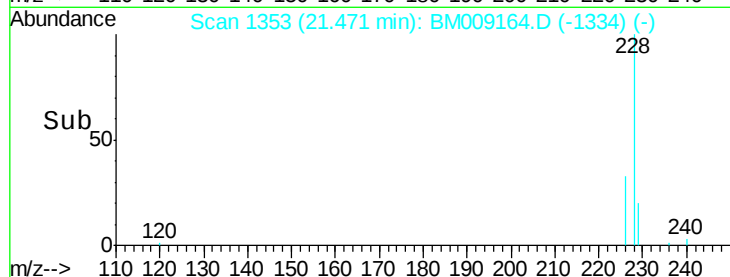
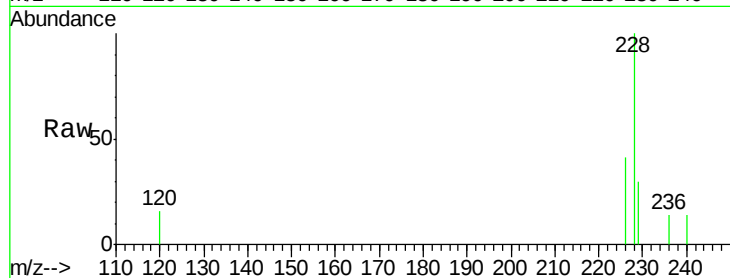
ClientSampled :

C0AK8DL

Tgt Ion:	228	Resp:	672
Ion Ratio	Lower	Upper	
228	100		
226	41.2	23.4	35.0#
229	30.1	17.7	26.5#

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:56 PM



#21

Benzo(b)fluoranthene

Concen: 0.24 ng/ul m

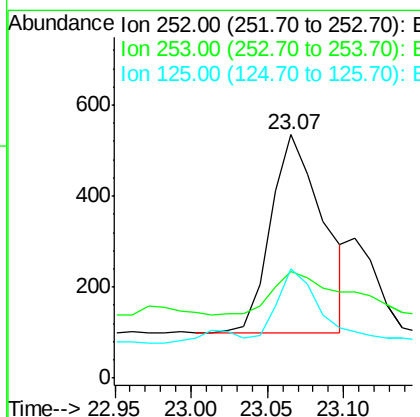
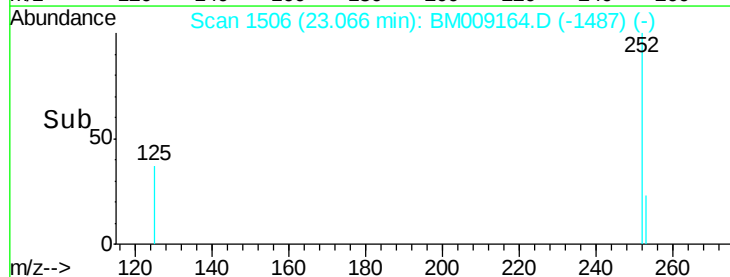
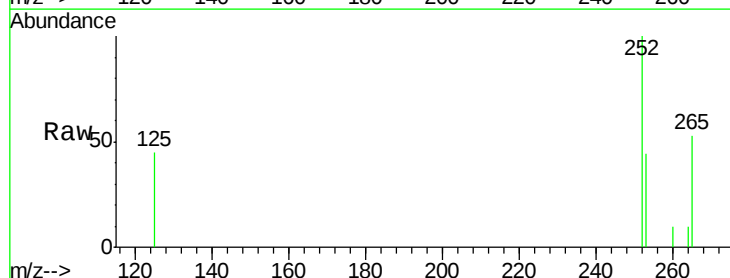
RT: 23.07 min Scan# 1506

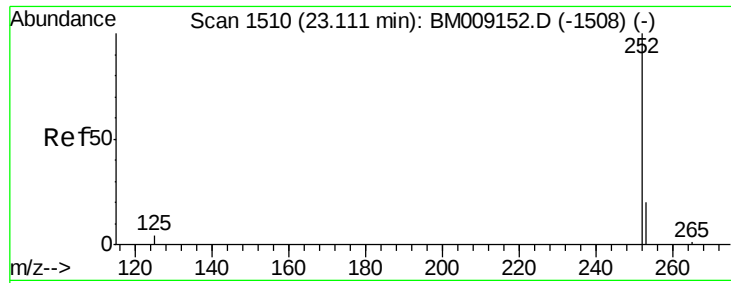
Delta R.T. -0.00 min

Lab File: BM009164.D

Acq: 10 Mar 2017 02:21

Tgt Ion:	252	Resp:	1046
Ion Ratio	Lower	Upper	
252	100		
253	43.9	0.0	64.2
125	44.9	0.0	35.0#





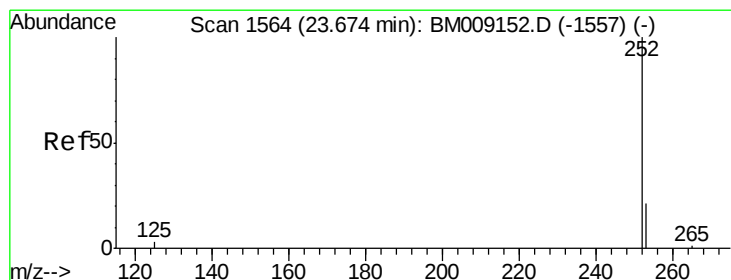
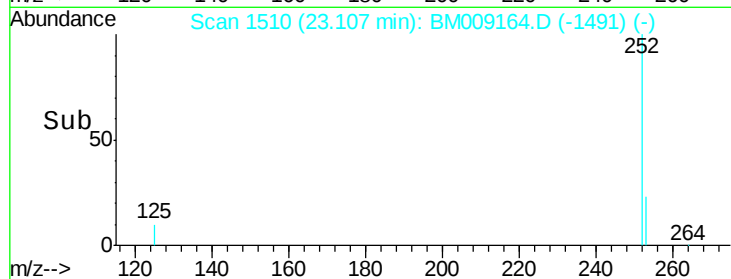
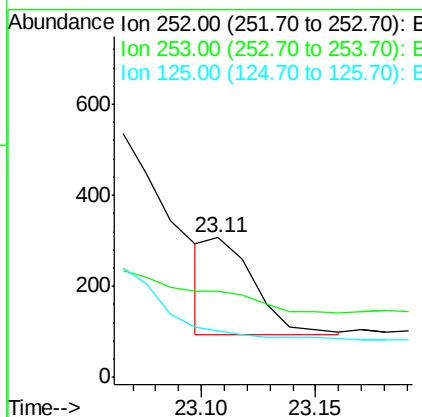
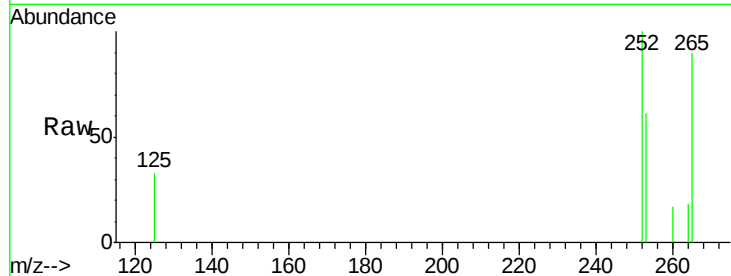
#22
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009164.D
Acq: 10 Mar 2017 02:21

Instrument :
BNA_M
ClientSampleId :
C0AK8DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.2	24.5	36.7#
125	33.2	13.7	20.5#

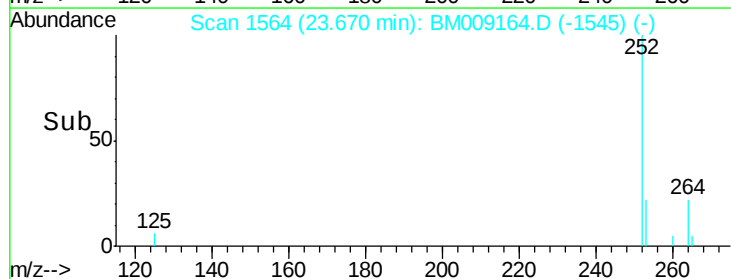
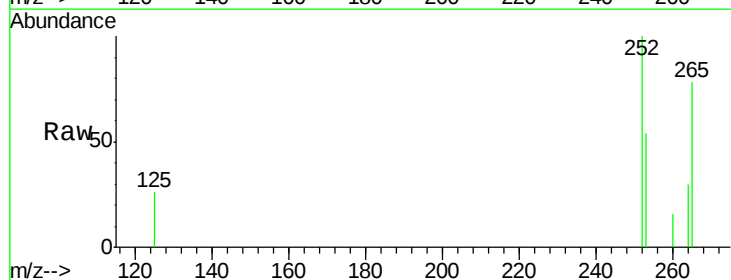
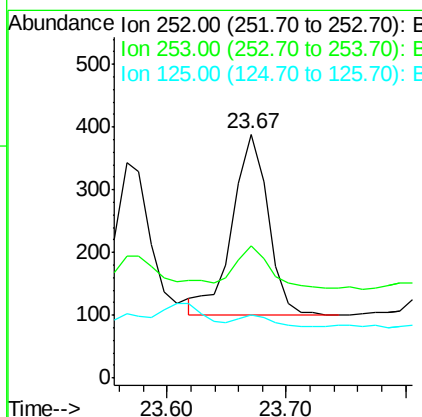
Manual Integrations
APPROVED

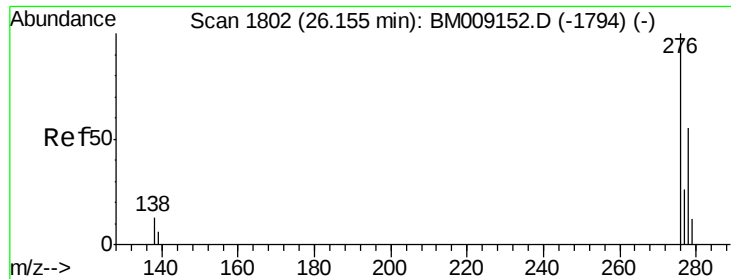
mohammad
3/10/2017 6:01:56 PM



#23
Benzo(a)pyrene
Concen: 0.15 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009164.D
Acq: 10 Mar 2017 02:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	54.1	28.5	42.7#
125	26.0	18.1	27.1





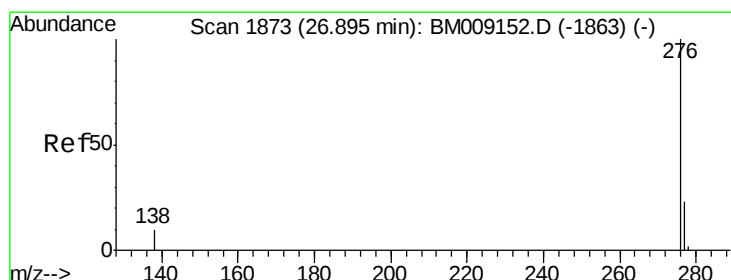
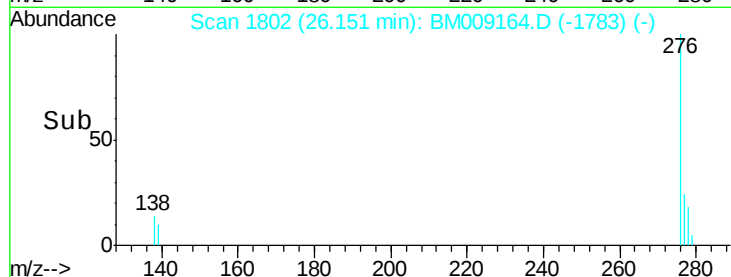
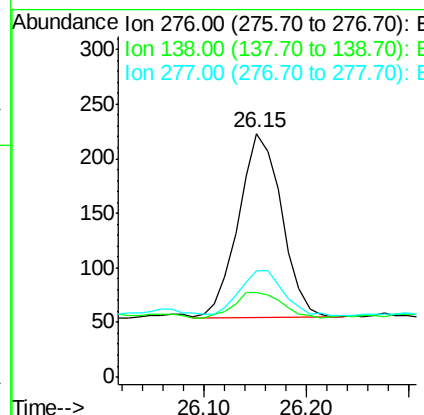
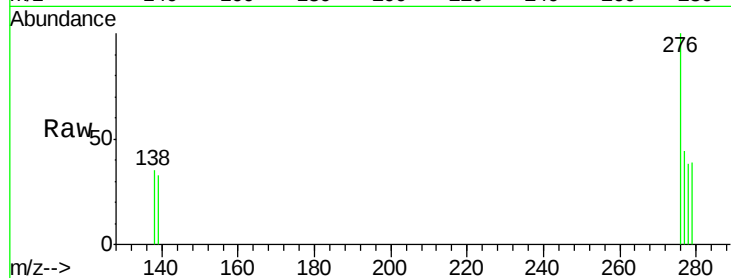
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng/ul
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009164.D
 Acq: 10 Mar 2017 02:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AK8DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	19.1	28.7#
277	24.9	19.6	29.4

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:56 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.11 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009164.D
 Acq: 10 Mar 2017 02:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	46.3	21.8	32.8#
138	36.3	20.5	30.7#

