

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009122.D
 Acq On : 08 Mar 2017 22:53
 Operator : SJ/MA
 Sample : I2062-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK3

Manual Integrations
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Quant Time: Mar 09 02:51:44 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	217	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	658	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1026m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1124	0.40	ng/ul	-0.01
20) Perylene-d12	23.78	264	1054m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	240	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	733	0.23	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.73	128	261	0.14	ng/ul#	56
5) 2-Methylnaphthalene	12.34	142	222	0.16	ng/ul	100
7) Acenaphthylene	14.25	152	202	0.10	ng/ul#	40
12) Phenanthrene	17.31	178	1838m	0.57	ng/ul	
13) Anthracene	17.40	178	479	0.15	ng/ul#	81
15) Fluoranthene	19.33	202	6713	1.60	ng/ul	95
17) Pyrene	19.69	202	6495	1.68	ng/ul	98
18) Benzo(a)anthracene	21.43	228	5541	1.48	ng/ul	95
19) Chrysene	21.48	228	5774	1.63	ng/ul	97
21) Benzo(b)fluoranthene	23.07	252	9460m	2.28	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	3332m	0.91	ng/ul	
23) Benzo(a)pyrene	23.67	252	6663m	1.79	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	4886m	1.03	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	1293m	0.33	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	4503m	1.11	ng/ul	

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

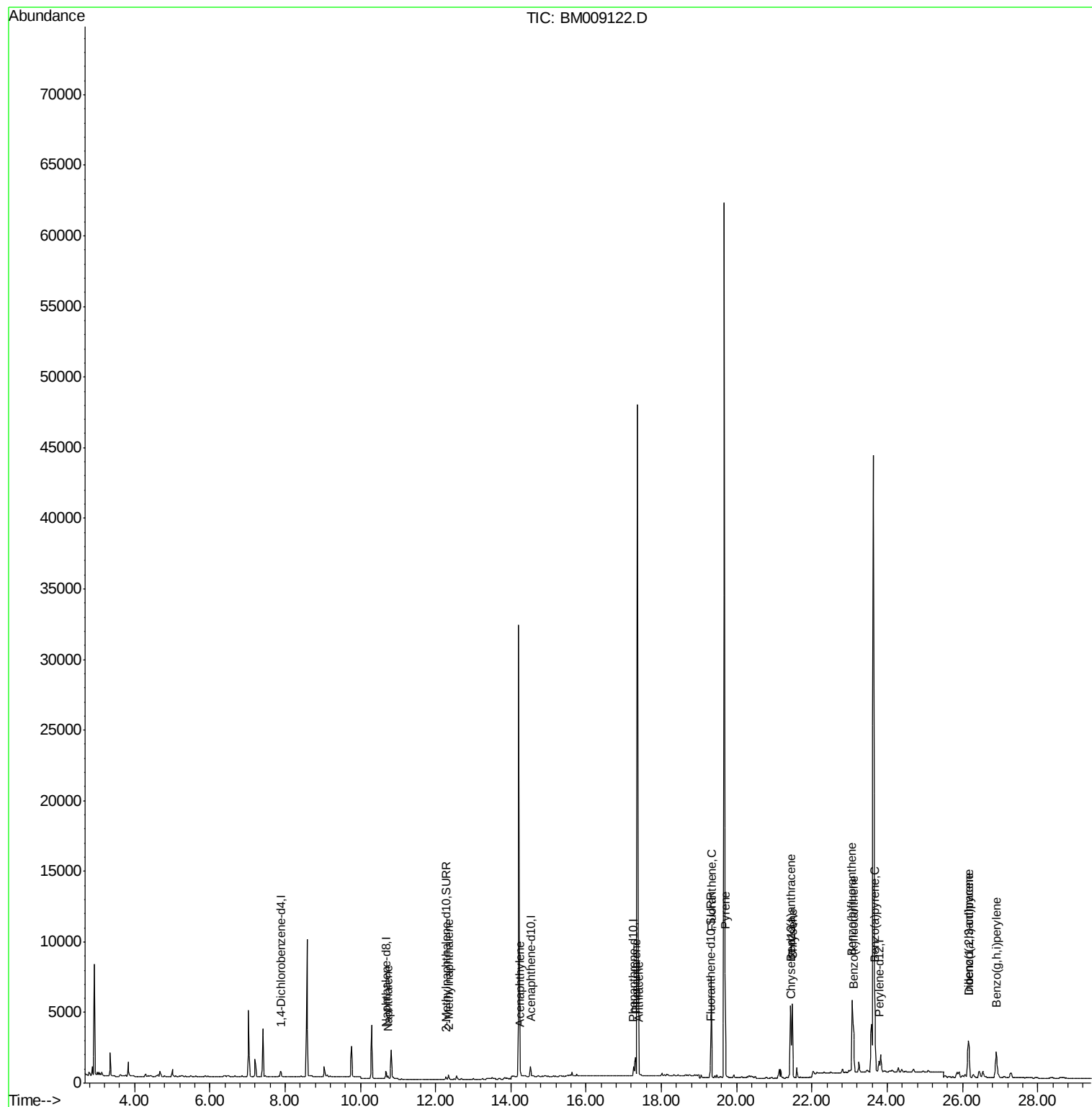
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009122.D
Acq On : 08 Mar 2017 22:53
Operator : SJ/MA
Sample : I2062-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

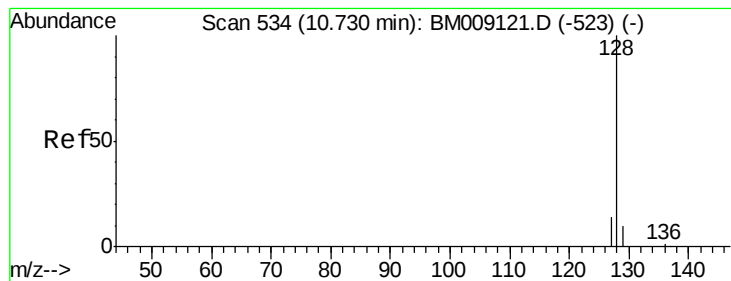
Instrument :
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Quant Time: Mar 09 02:51:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

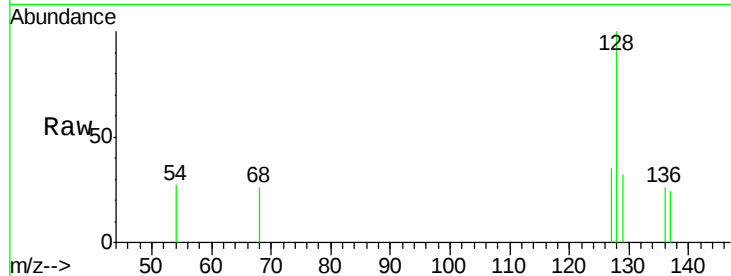
ClientSampleId :

C0AK3

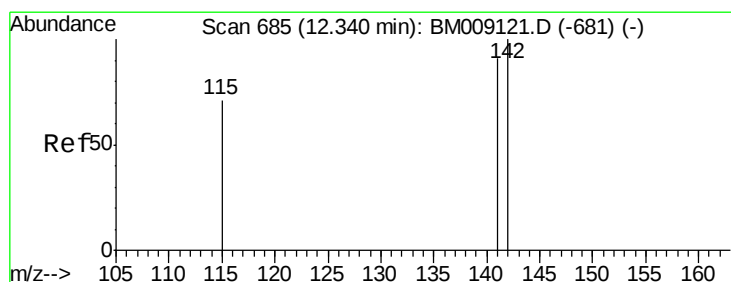
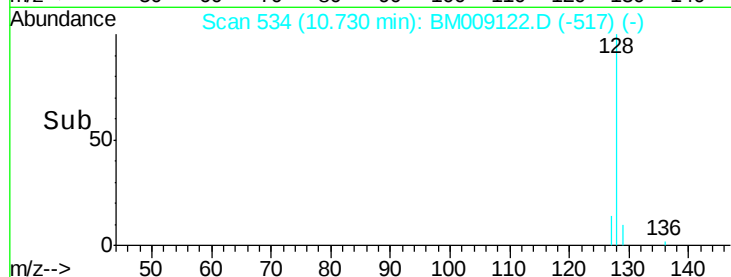
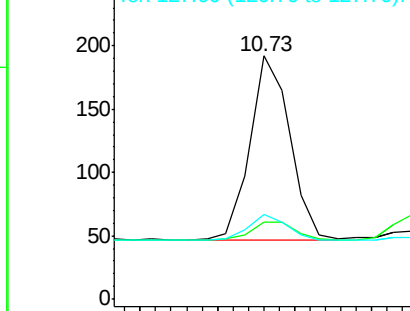
Tgt Ion:	128	Resp:	261
Ion Ratio	Lower	Upper	
128	100		
129	31.8	11.3	16.9#
127	34.9	12.8	19.2#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.16 ng/ul

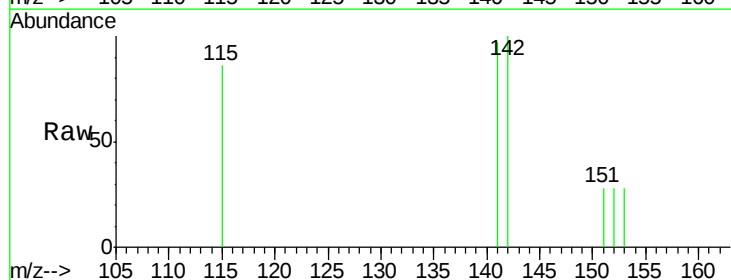
RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

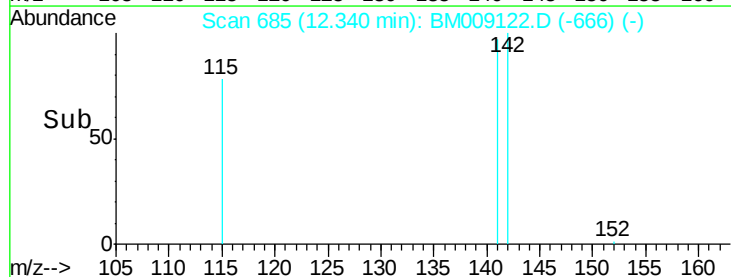
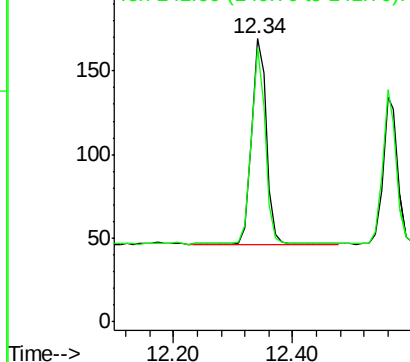
Lab File: BM009122.D

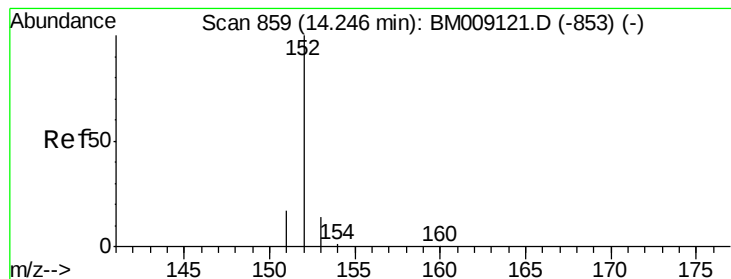
Acq: 08 Mar 2017 22:53

Tgt Ion:	142	Resp:	222
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

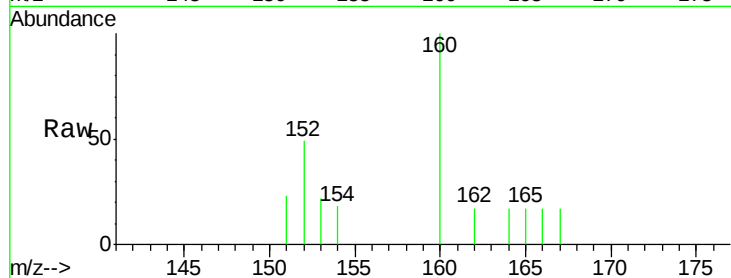
ClientSampleId :

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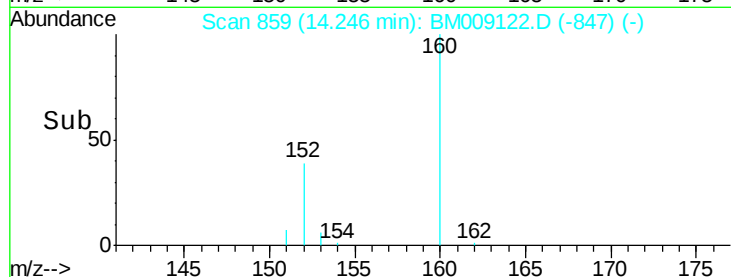
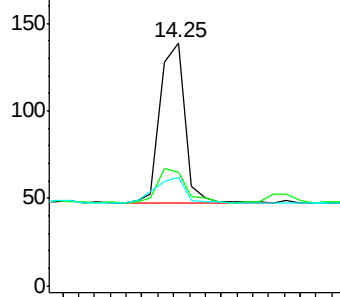
Tgt Ion:	152	Resp:	202
Ion Ratio	Lower	Upper	
152	100		
151	46.8	17.1	25.7#
153	44.6	12.8	19.2#

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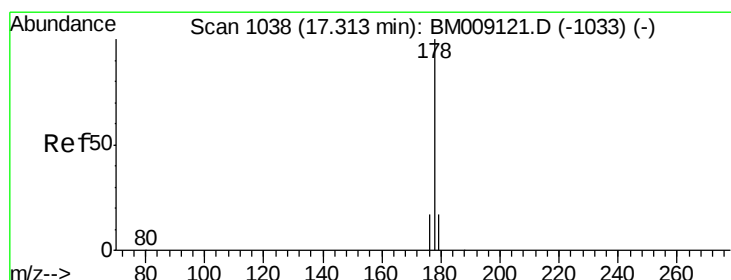
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.57 ng/ul m

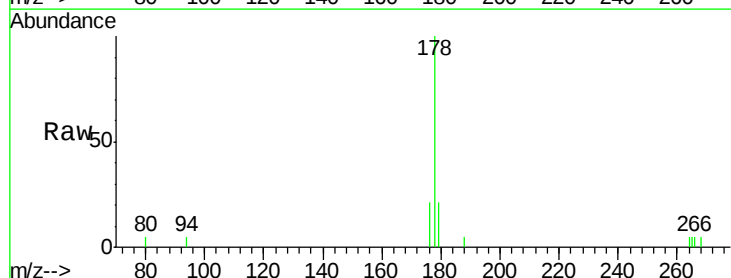
RT: 17.31 min Scan# 1038

Delta R.T. 0.00 min

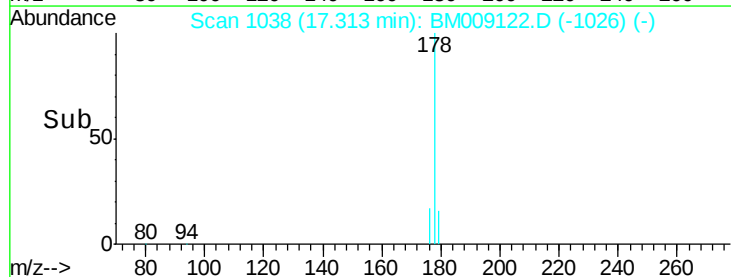
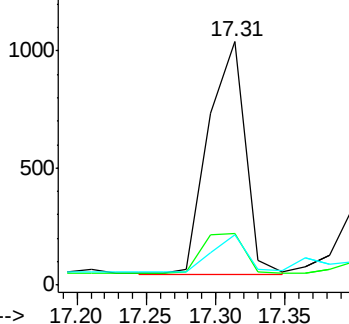
Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

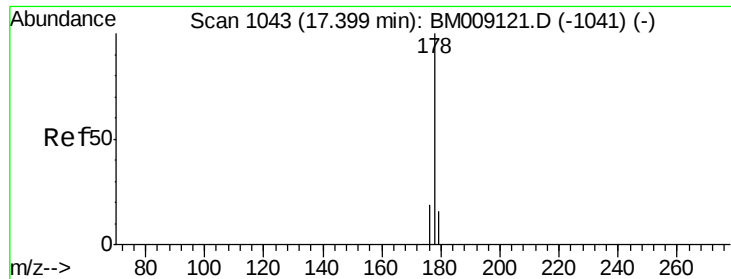
Tgt Ion:	178	Resp:	1838
Ion Ratio	Lower	Upper	
178	100		
176	21.1	18.4	27.6
179	20.9	13.6	20.4#



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



Time-->



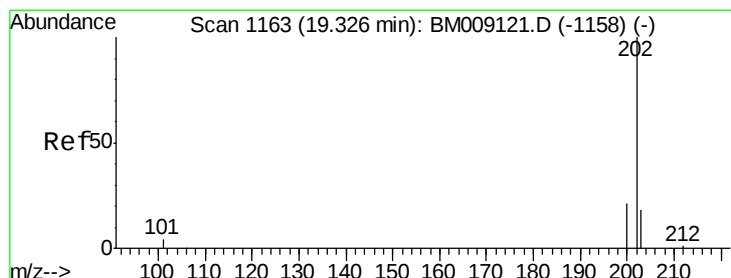
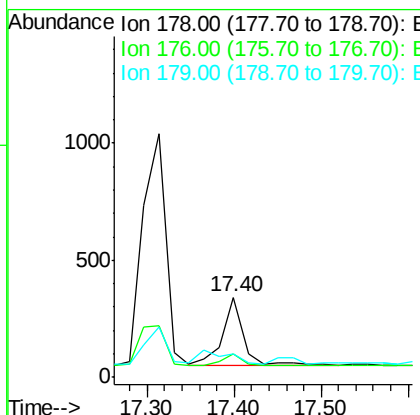
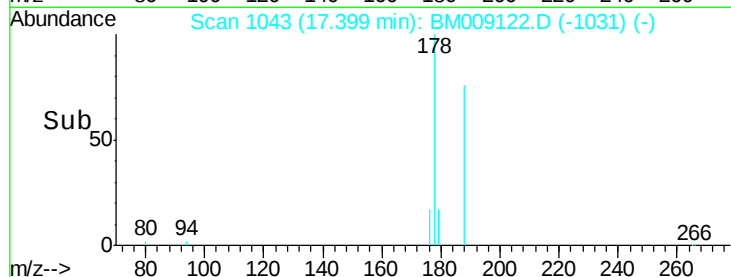
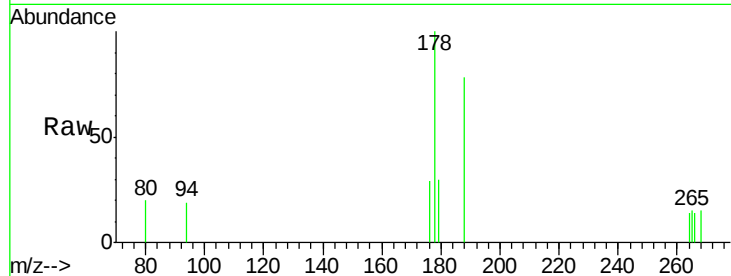
#13
 Anthracene
 Concen: 0.15 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009122.D
 Acq: 08 Mar 2017 22:53

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	29.2	18.1	27.1#
179	29.7	14.7	22.1#

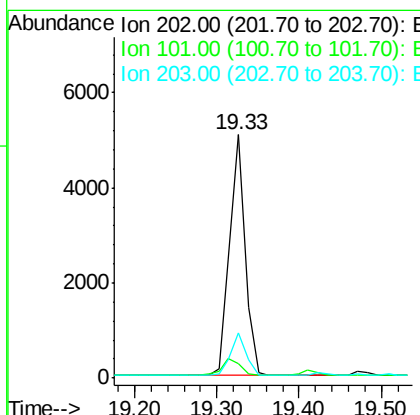
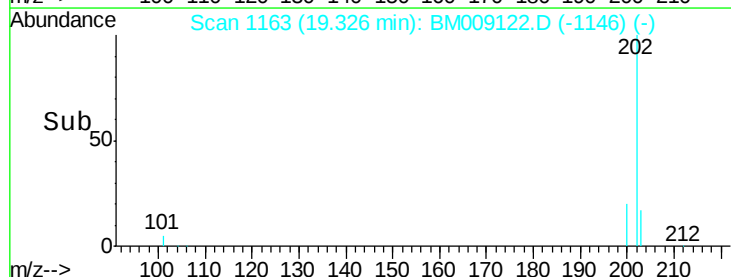
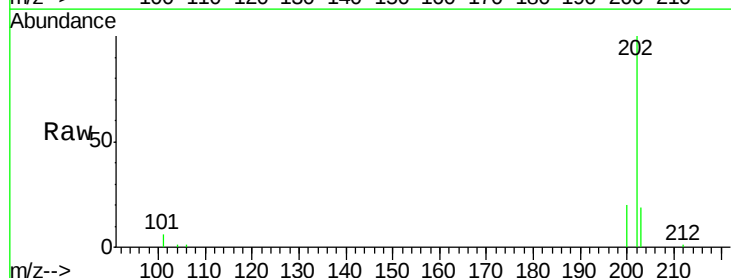
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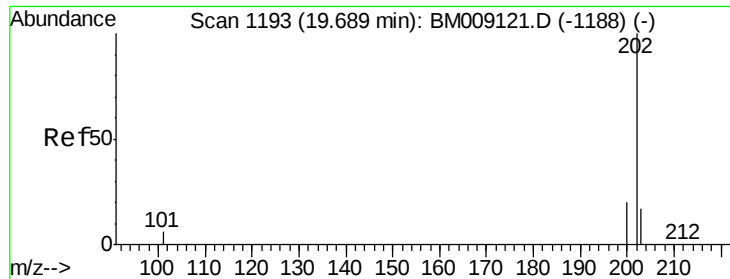
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#15
 Fluoranthene
 Concen: 1.60 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM009122.D
 Acq: 08 Mar 2017 22:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	30.3
203	18.6	0.0	39.5





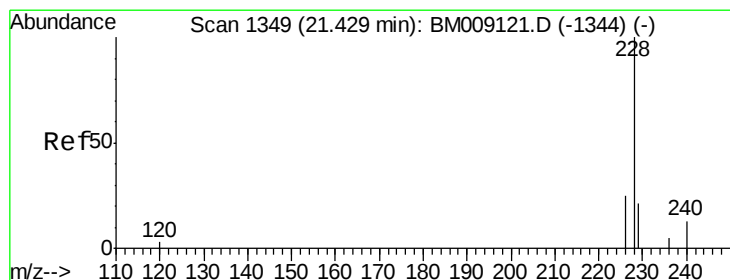
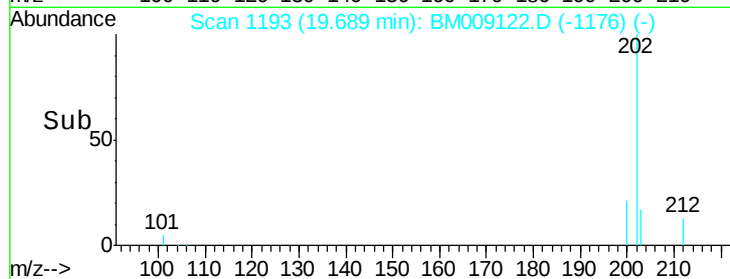
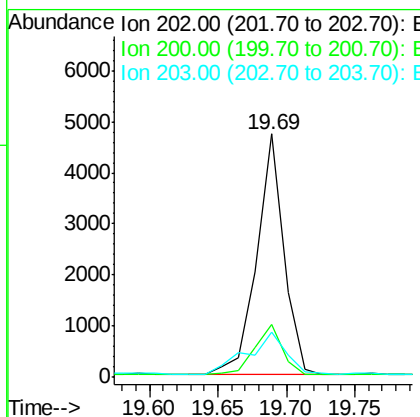
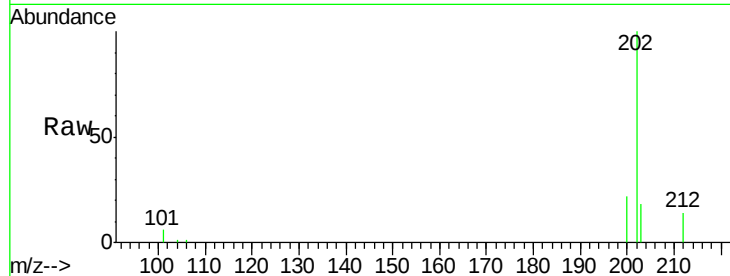
#17
Pyrene
Concen: 1.68 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM009122.D
Acq: 08 Mar 2017 22:53

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.4
203	18.5	15.6	23.4

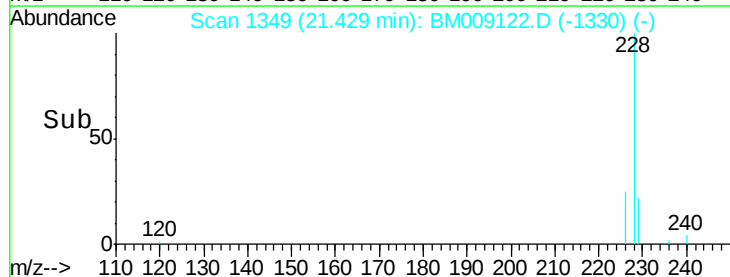
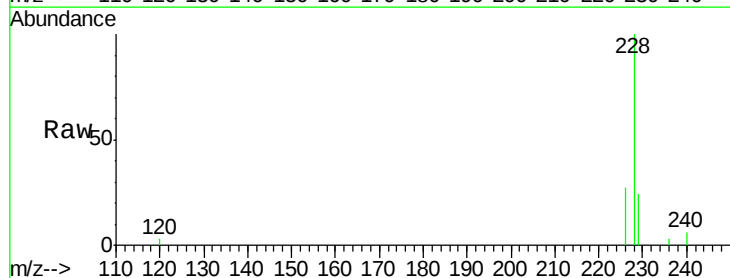
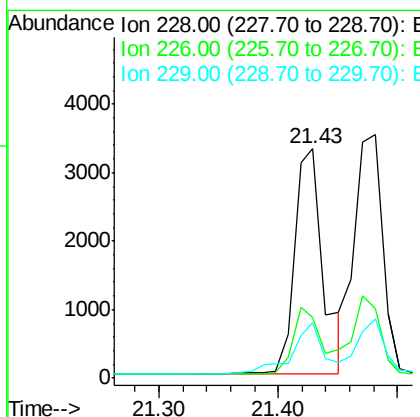
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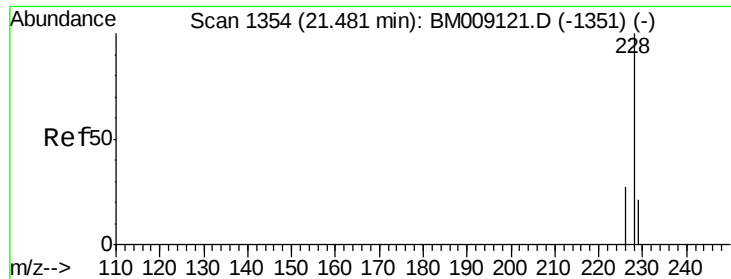
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#18
Benzo(a)anthracene
Concen: 1.48 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BM009122.D
Acq: 08 Mar 2017 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.8	34.2
229	24.0	17.0	25.6





#19

Chrysene

Concen: 1.63 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

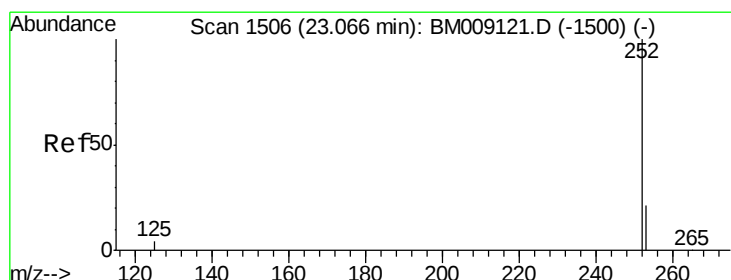
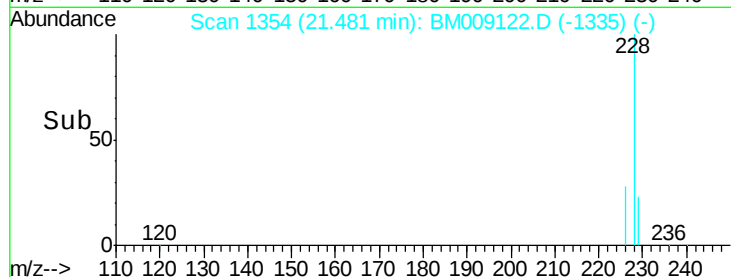
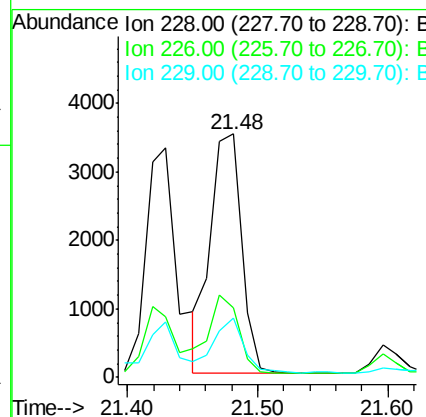
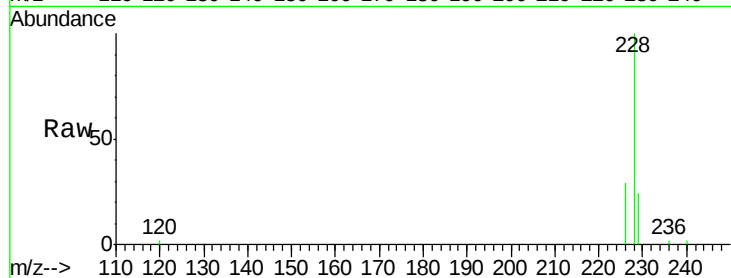
ClientSampleId :

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Tgt Ion:	228	Resp:	5774
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.4	35.0
229	24.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.28 ng/ul m

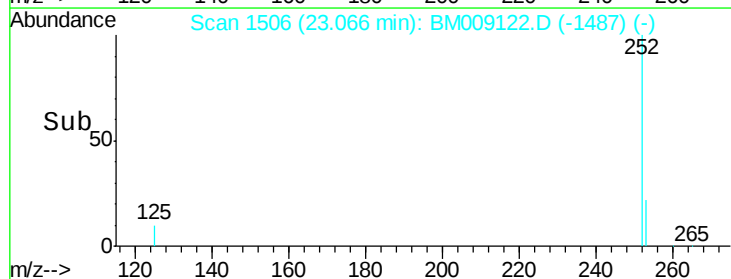
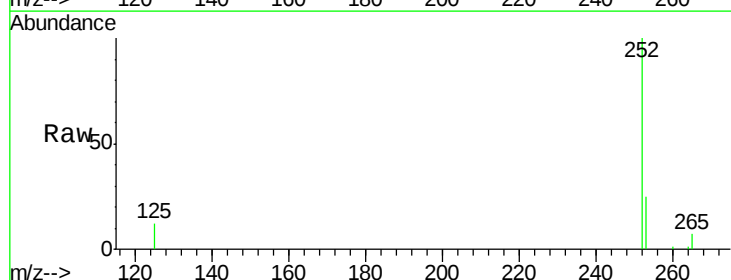
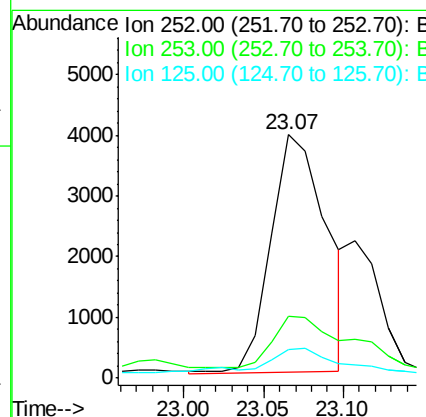
RT: 23.07 min Scan# 1506

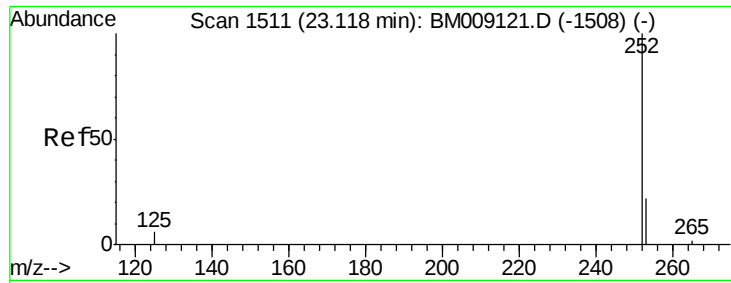
Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Tgt Ion:	252	Resp:	9460
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	64.2
125	11.8	0.0	35.0





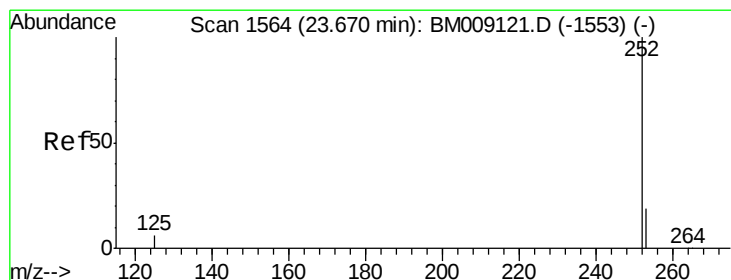
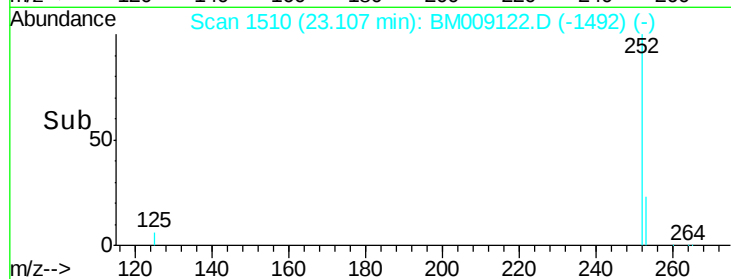
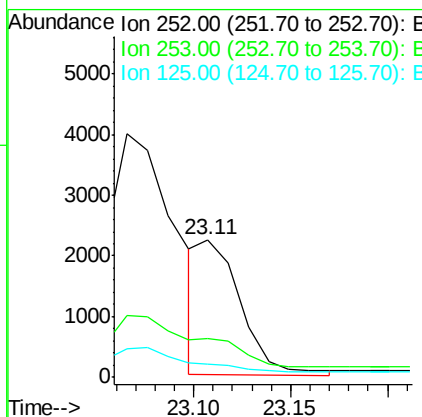
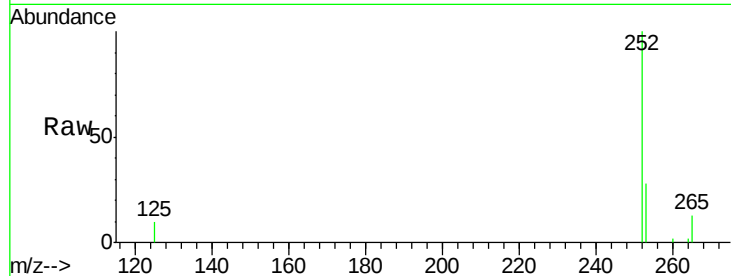
#22
Benzo(k)fluoranthene
Concen: 0.91 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009122.D
Acq: 08 Mar 2017 22:53

Instrument :
BNA_M
ClientSampleId :
C0AK3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	24.5	36.7
125	9.8	13.7	20.5#

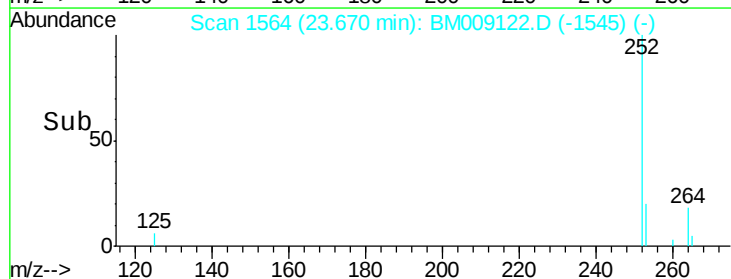
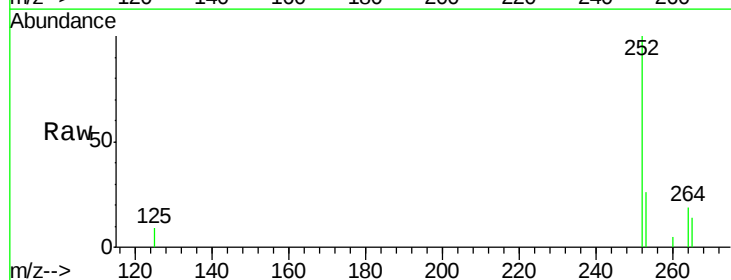
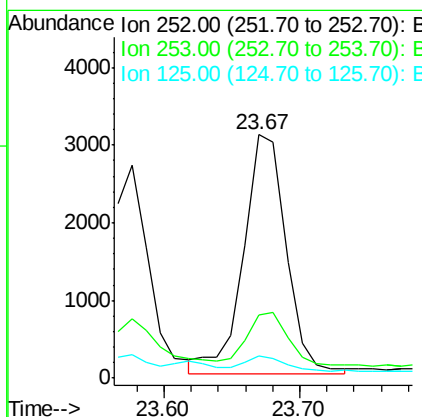
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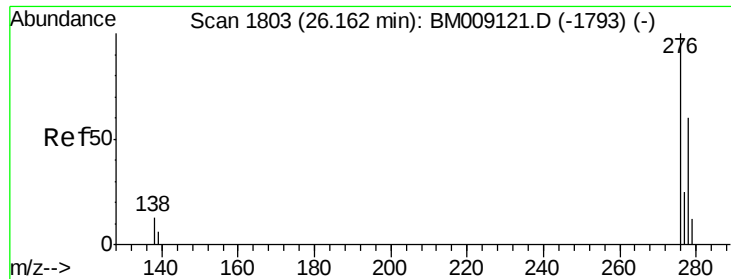
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#23
Benzo(a)pyrene
Concen: 1.79 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009122.D
Acq: 08 Mar 2017 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	28.5	42.7#
125	9.0	18.1	27.1#





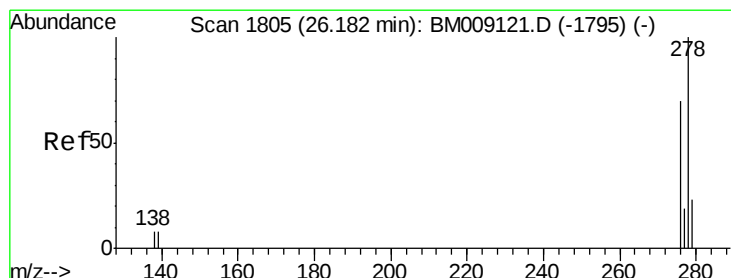
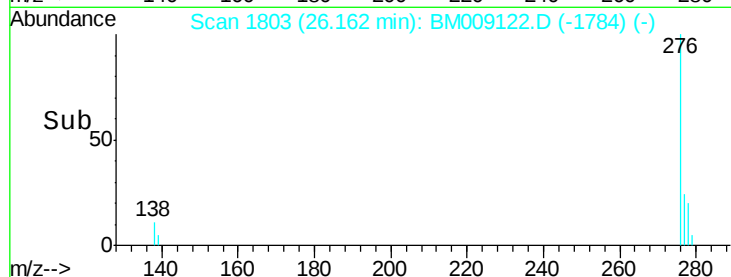
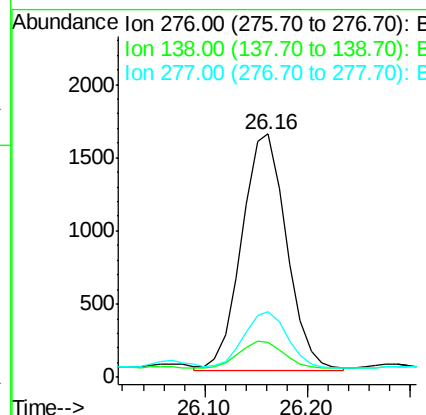
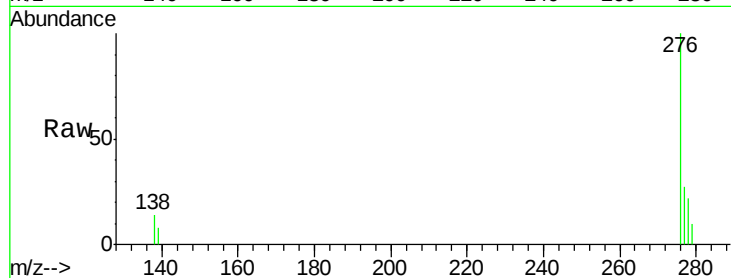
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BM009122.D
Acq: 08 Mar 2017 22:53

Instrument :
BNA_M
ClientSampleId :
C0AK3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.0	19.1	28.7#
277	1.0	19.6	29.4#

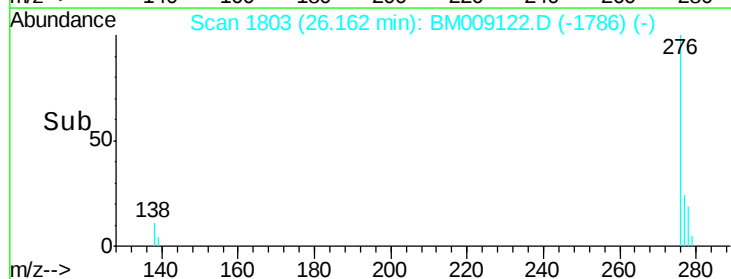
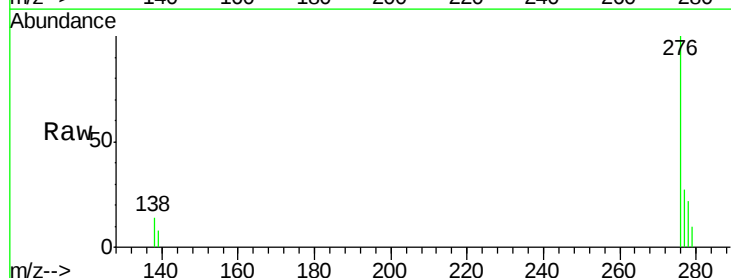
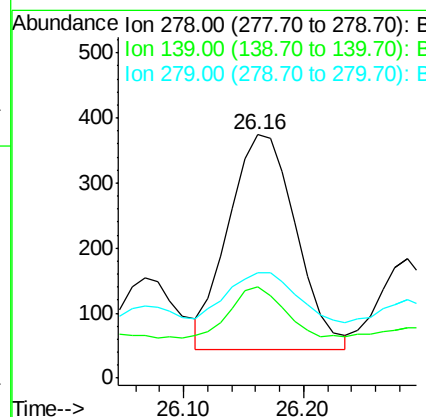
Manual Integrations
APPROVED

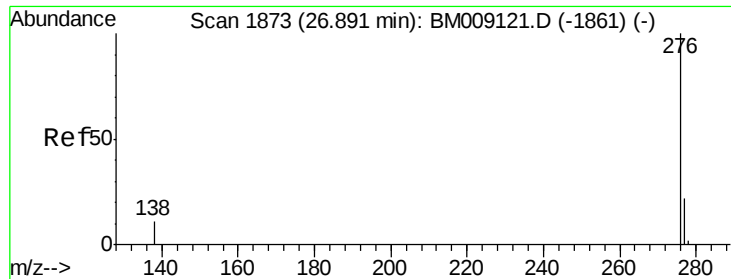
mohammad
3/9/2017 2:01:39 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.33 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BM009122.D
Acq: 08 Mar 2017 22:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.4	17.4	26.0#
279	43.3	25.9	38.9#





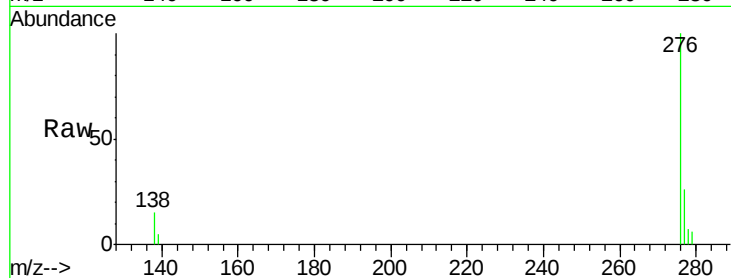
#26
 Benzo(g,h,i)perylene
 Concen: 1.11 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009122.D
 Acq: 08 Mar 2017 22:53

Instrument :
 BNA_M
 ClientSampleId :
 C0AK3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.8	32.8
138	14.8	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2017 2:01:39 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

