

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009176.D
 Acq On : 10 Mar 2017 15:10
 Operator : SJ/MA
 Sample : I2069-22DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7DL

Manual Integrations
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mohammad
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Quant Time: Mar 10 17:12:10 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 15:19:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	256	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	773	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	410	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	906	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1016	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	49	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	123	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	261	0.12	ng/ul#	57
5) 2-Methylnaphthalene	12.34	142	146	0.09	ng/ul	92
8) Acenaphthene	14.57	153	126	0.08	ng/ul#	83
9) Fluorene	15.56	166	136	0.07	ng/ul#	71
12) Phenanthrene	17.30	178	2098	0.74	ng/ul	97
13) Anthracene	17.40	178	391m	0.14	ng/ul	
15) Fluoranthene	19.33	202	4900	1.32	ng/ul	95
17) Pyrene	19.69	202	4385	1.25	ng/ul	97
18) Benzo(a)anthracene	21.42	228	2993	0.89	ng/ul	95
19) Chrysene	21.47	228	2590	0.81	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	3865m	0.92	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1138m	0.31	ng/ul	
23) Benzo(a)pyrene	23.67	252	2380	0.63	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.15	276	1569	0.33	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.16	278	437	0.11	ng/ul#	56
26) Benzo(g,h,i)perylene	26.89	276	1281	0.31	ng/ul#	91

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

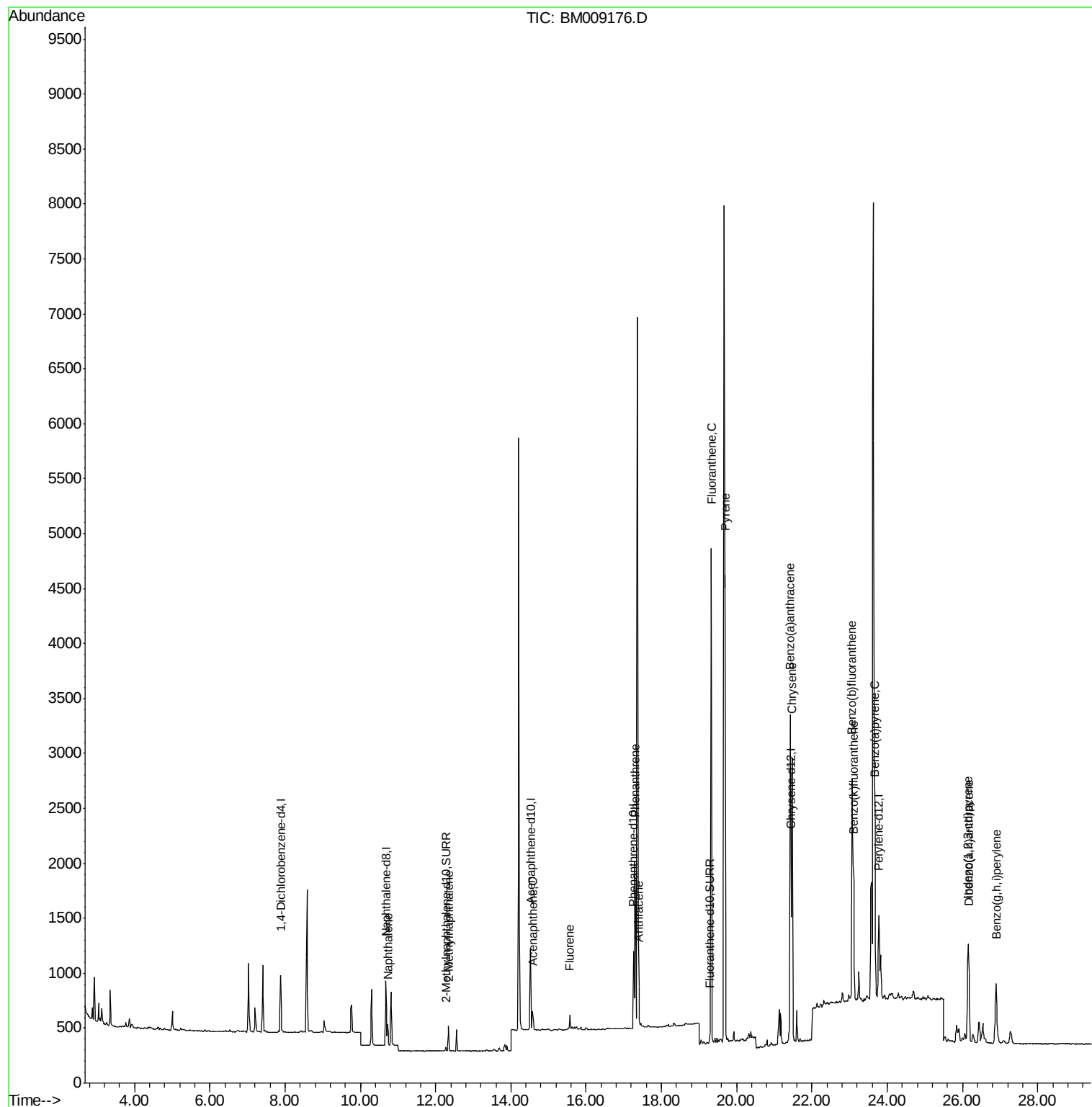
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

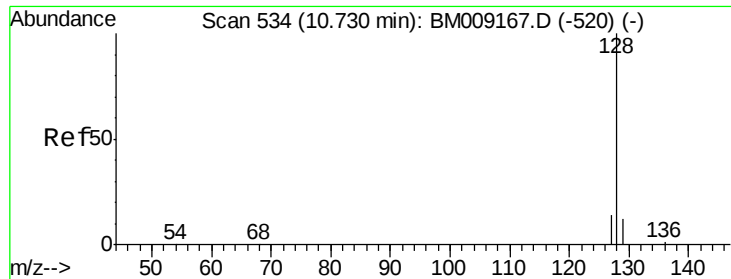
Instrument :
BNA_M
ClientSampleId :
C0AJ7DL

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Quant Time: Mar 10 17:12:10 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 15:19:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009176.D

Acq: 10 Mar 2017 15:10

Instrument :

BNA_M

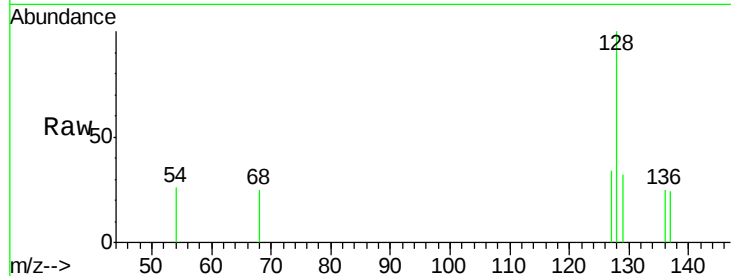
ClientSampleId :

C0AJ7DL

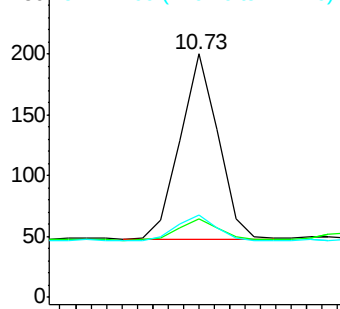
Tgt Ion:	128	Resp:	261
Ion Ratio	Lower	Upper	
128	100		
129	32.0	11.3	16.9#
127	34.0	12.8	19.2#

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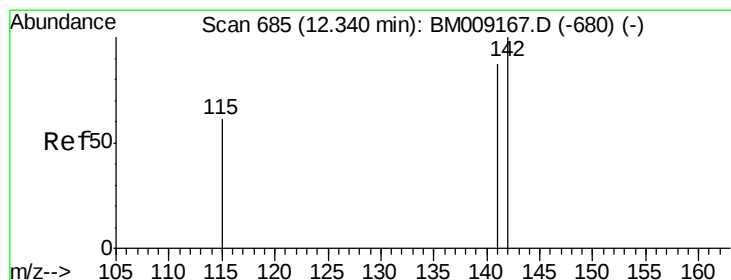
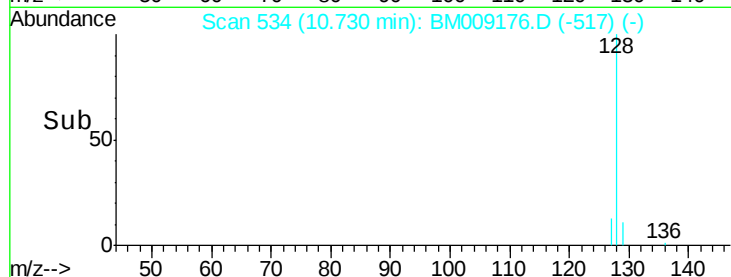
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

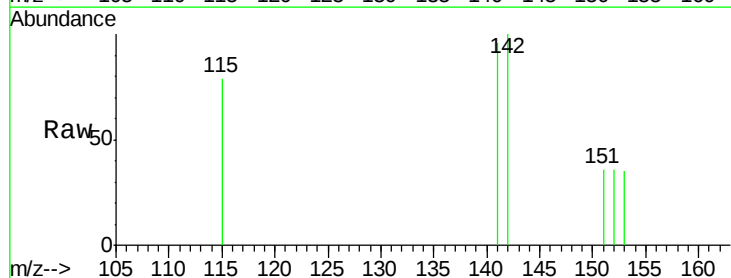
RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

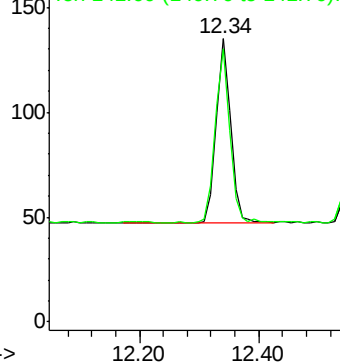
Lab File: BM009176.D

Acq: 10 Mar 2017 15:10

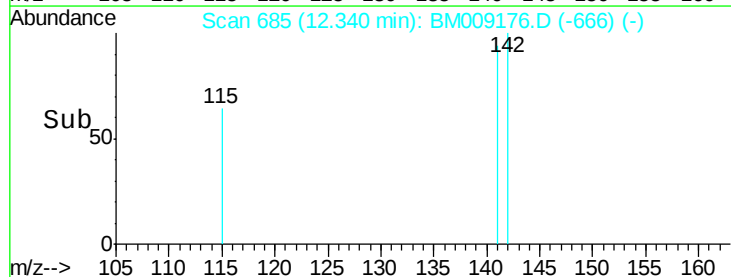
Tgt Ion:	142	Resp:	146
Ion Ratio	Lower	Upper	
142	100		
141	98.6	72.6	108.8

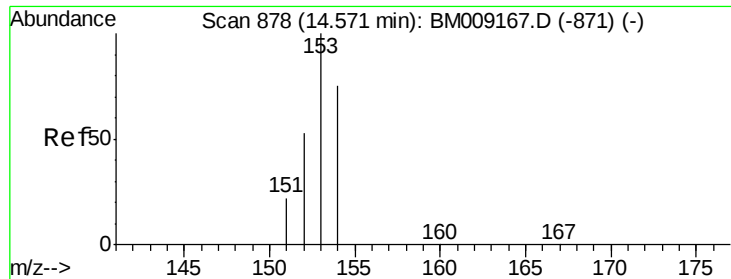


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





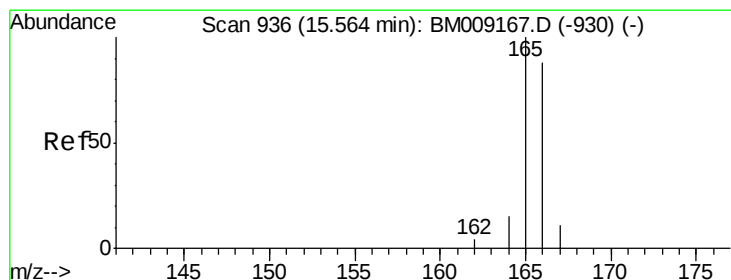
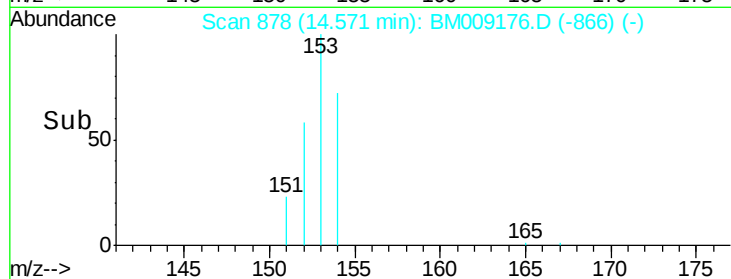
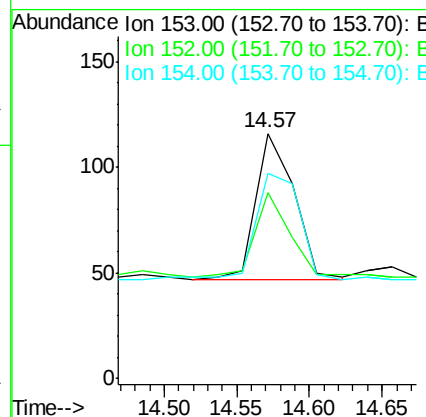
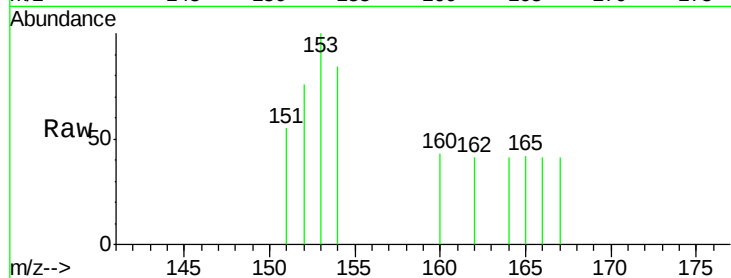
#8
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Instrument :
BNA_M
ClientSampled :
C0AJ7DL

Tgt Ion:153 Resp: 126
Ion Ratio Lower Upper
153 100
152 75.9 40.3 60.5#
154 83.6 71.4 107.2

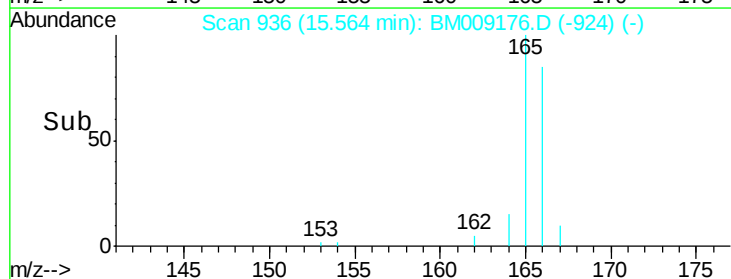
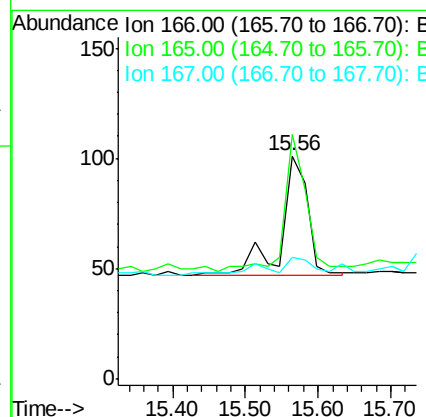
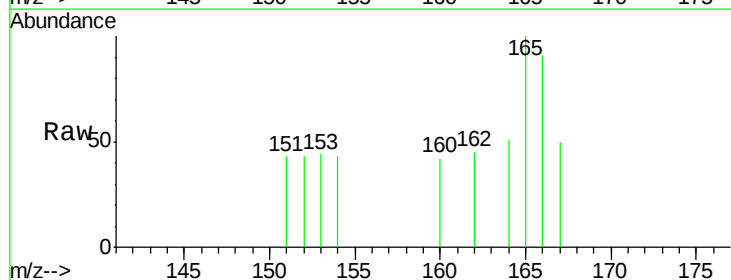
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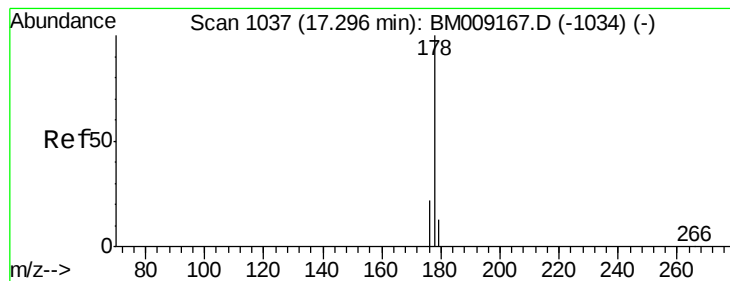
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#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Tgt Ion:166 Resp: 136
Ion Ratio Lower Upper
166 100
165 109.9 73.4 110.2
167 54.5 14.6 22.0#





#12

Phenanthrene

Concen: 0.74 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM009176.D

Acq: 10 Mar 2017 15:10

Instrument :

BNA_M

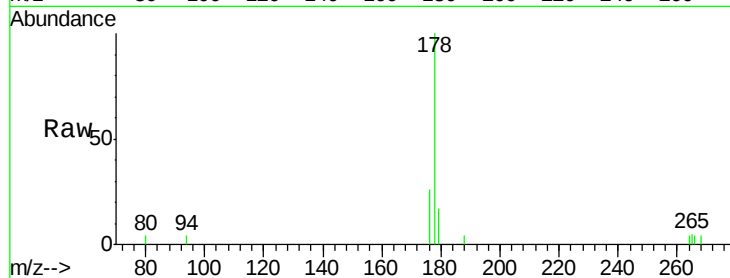
ClientSampleId :

C0AJ7DL

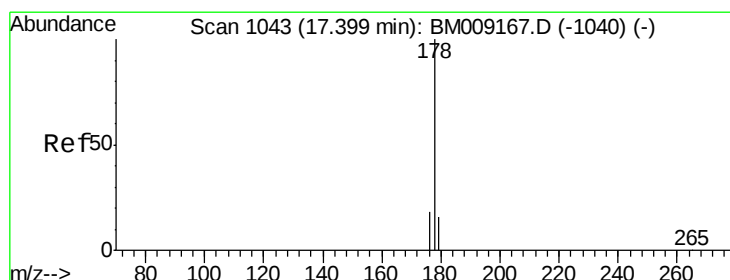
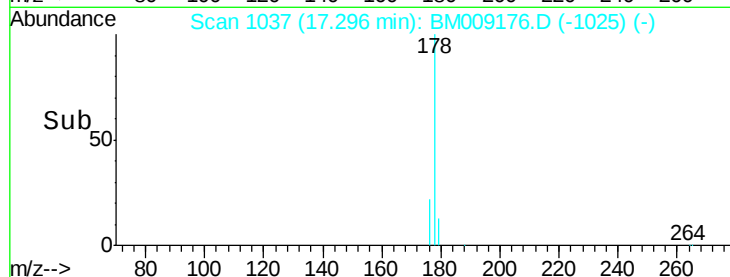
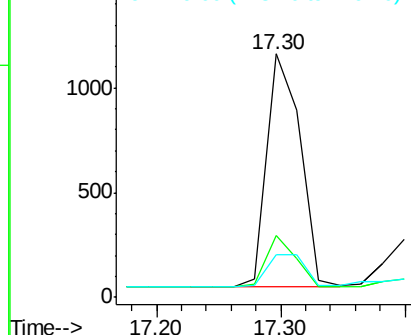
Tgt Ion:	178	Resp:	2098
Ion Ratio	Lower	Upper	
178	100		
176	25.5	18.4	27.6
179	17.3	13.6	20.4

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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



#13

Anthracene

Concen: 0.14 ng/ul m

RT: 17.40 min Scan# 1043

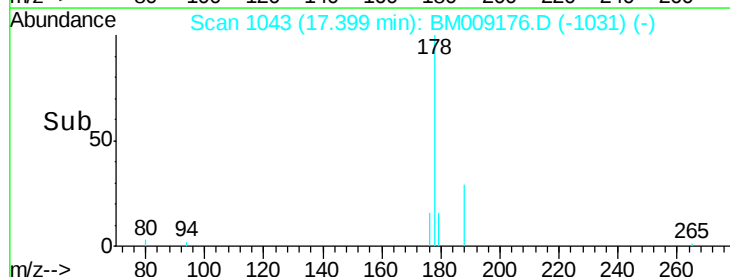
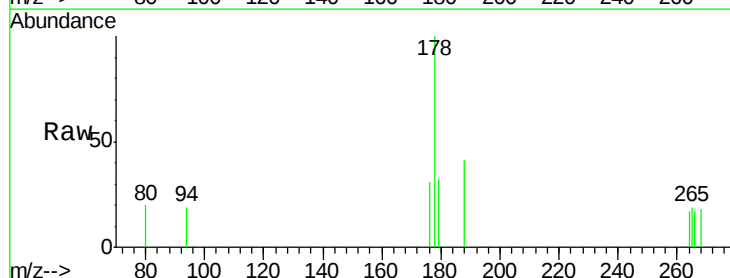
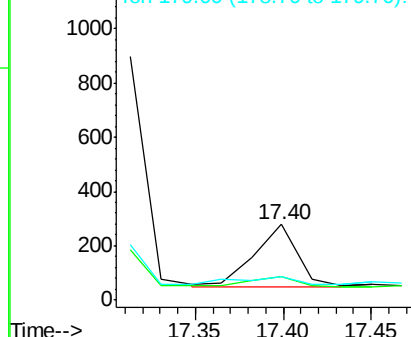
Delta R.T. -0.00 min

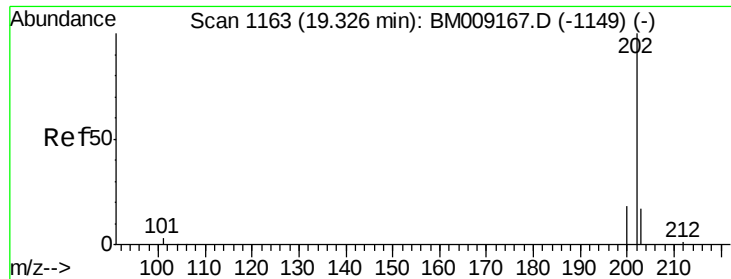
Lab File: BM009176.D

Acq: 10 Mar 2017 15:10

Tgt Ion:	178	Resp:	391
Ion Ratio	Lower	Upper	
178	100		
176	30.8	18.1	27.1#
179	31.5	14.7	22.1#

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





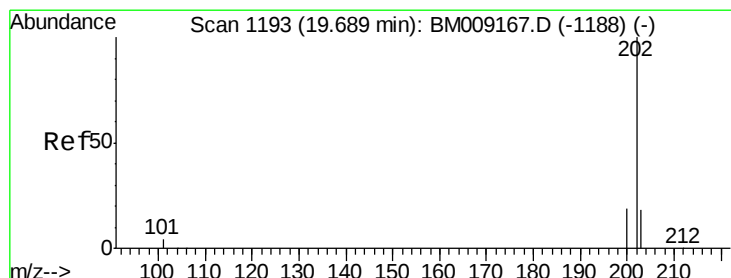
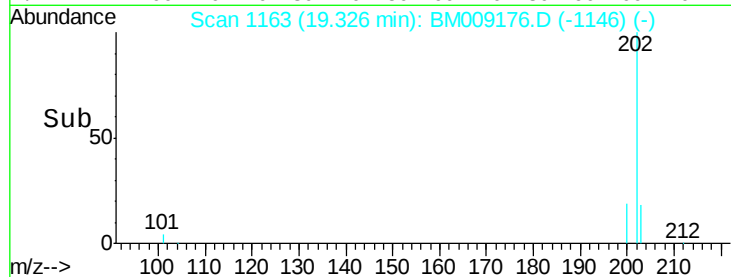
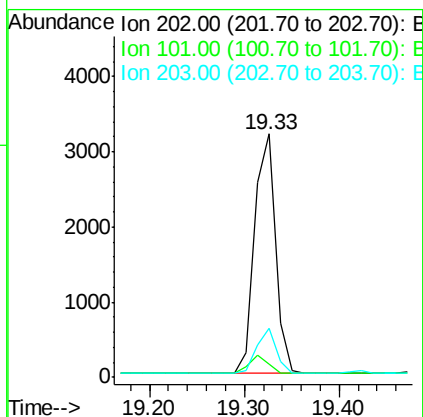
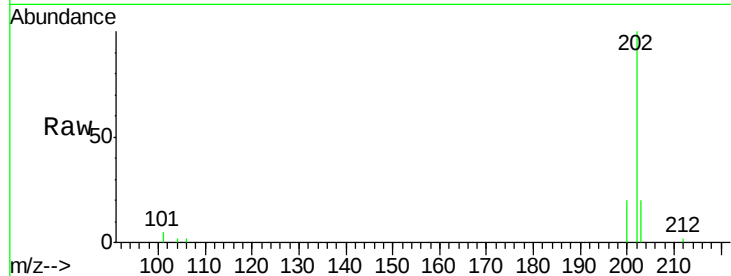
#15
Fluoranthene
Concen: 1.32 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Instrument :
BNA_M
ClientSampleId :
C0AJ7DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	5.3	0.0	30.3
203	19.9	0.0	39.5

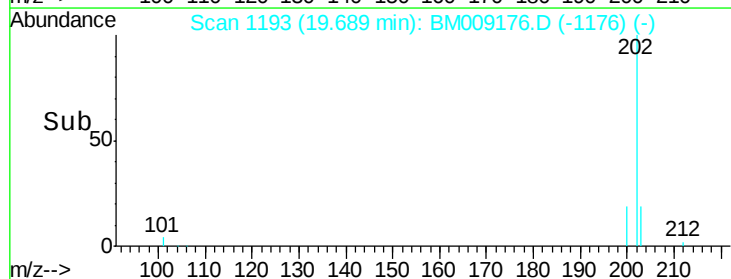
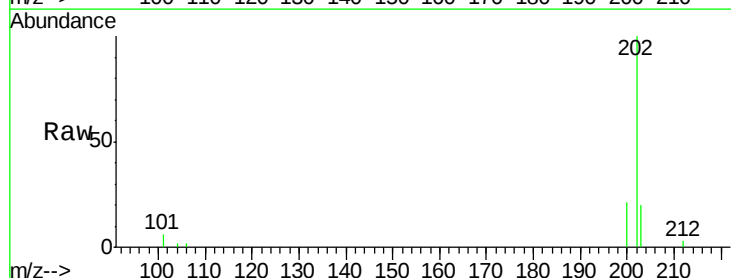
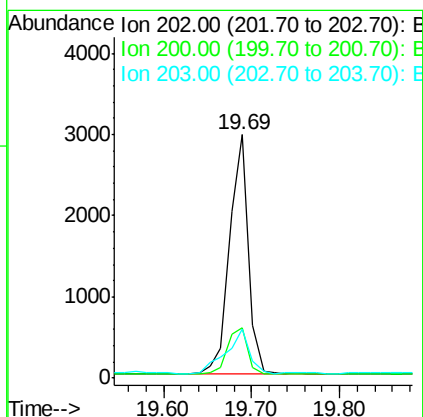
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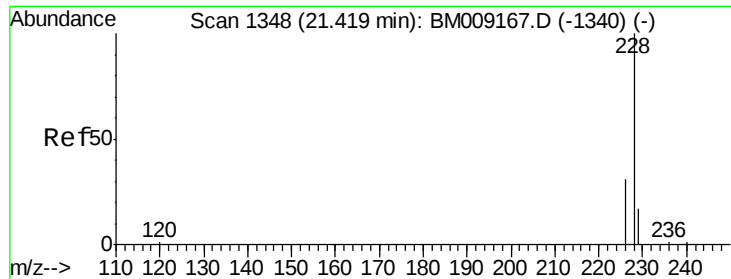
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#17
Pyrene
Concen: 1.25 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.8	18.2	27.4
203	20.1	15.6	23.4





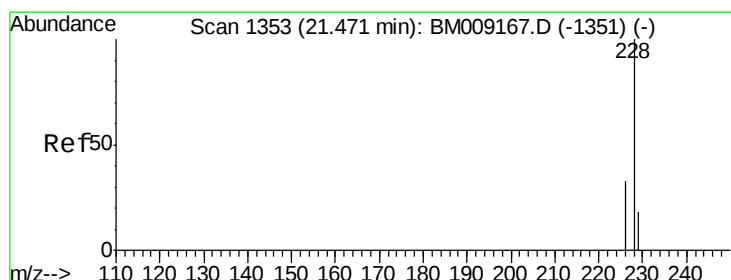
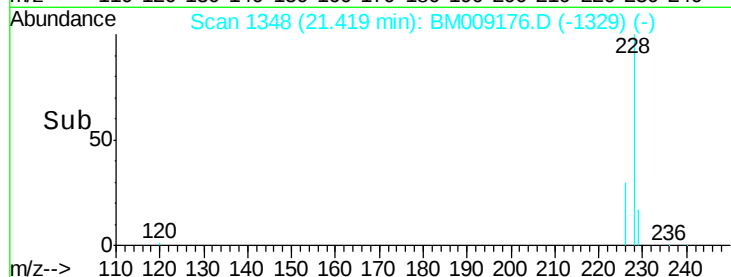
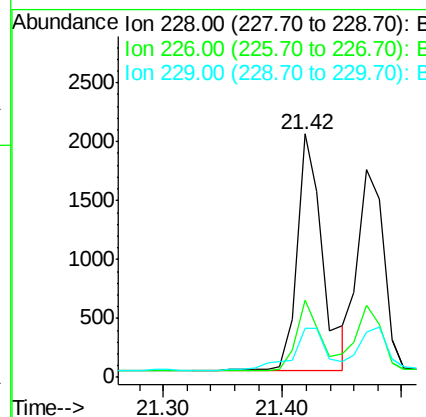
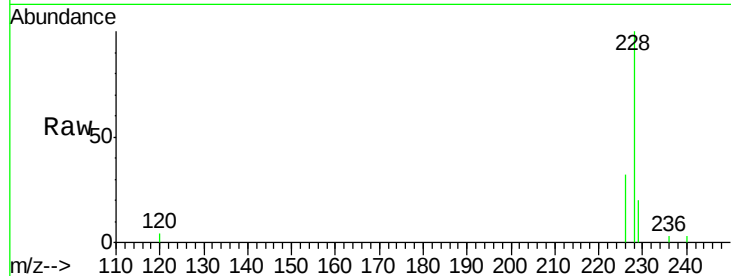
#18
Benzo(a)anthracene
Concen: 0.89 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Instrument :
BNA_M
ClientSampled :
C0AJ7DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.8	34.2
229	20.0	17.0	25.6

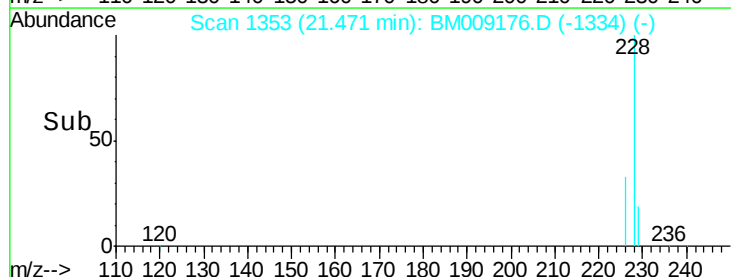
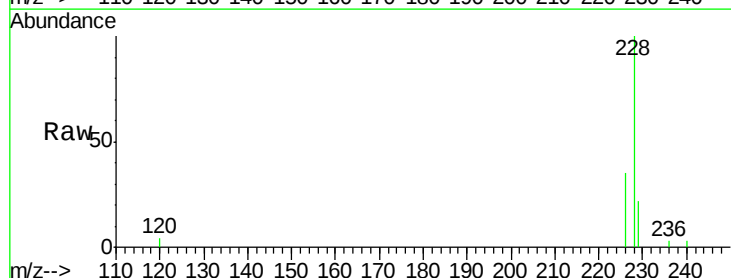
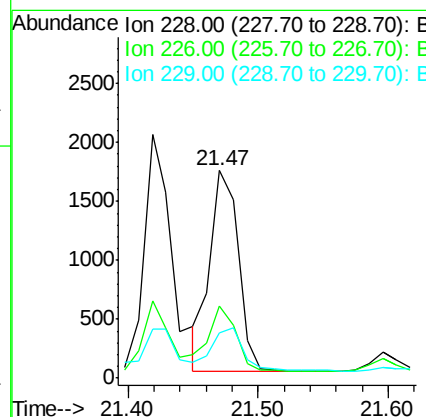
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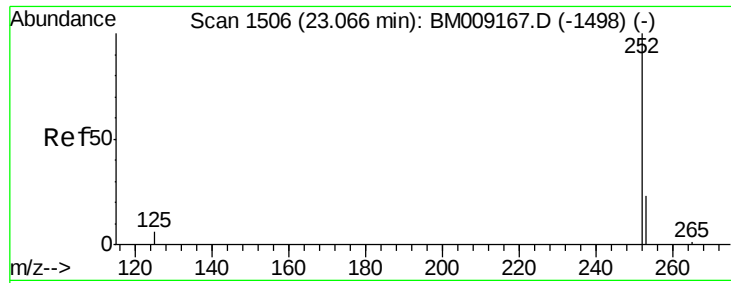
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#19
Chrysene
Concen: 0.81 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.4	35.0
229	22.0	17.7	26.5





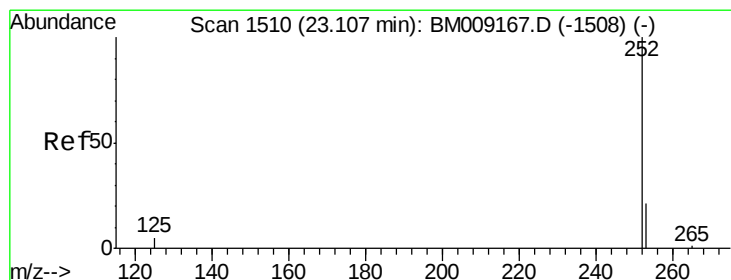
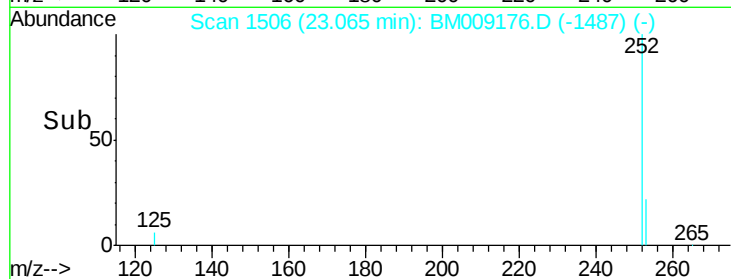
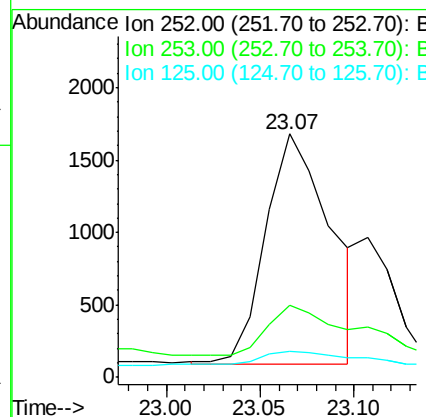
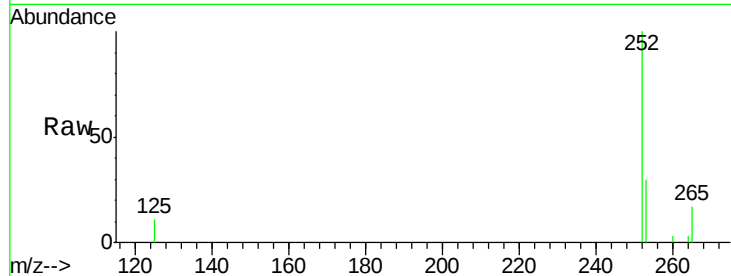
#21
Benzo(b)fluoranthene
Concen: 0.92 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Instrument :
BNA_M
ClientSampleId :
C0AJ7DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3865		
253	29.7	0.0	64.2	
125	10.9	0.0	35.0	

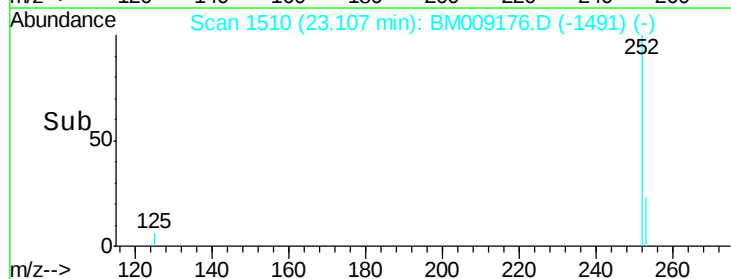
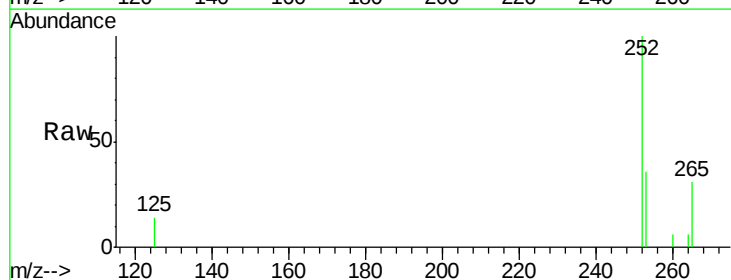
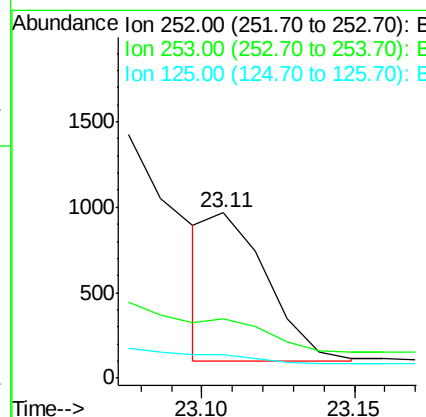
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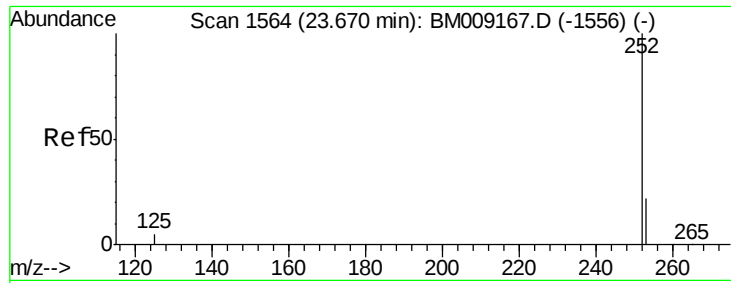
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#22
Benzo(k)fluoranthene
Concen: 0.31 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009176.D
Acq: 10 Mar 2017 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1138		
253	35.6	24.5	36.7	
125	13.9	13.7	20.5	





#23

Benzo(a)pyrene

Concen: 0.63 ng/ul

RT: 23.67 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BM009176.D

Acq: 10 Mar 2017 15:10

Instrument :

BNA_M

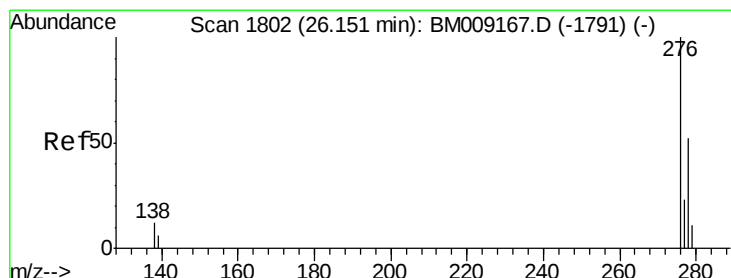
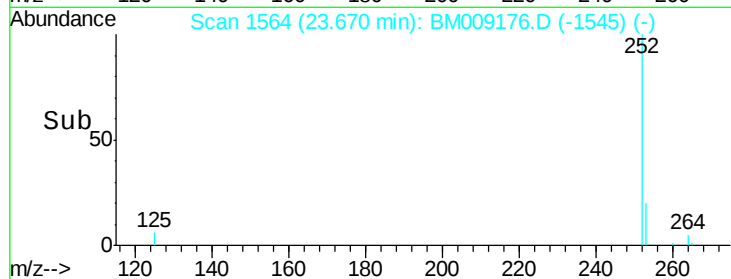
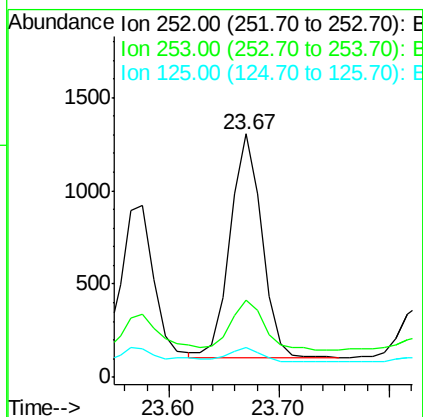
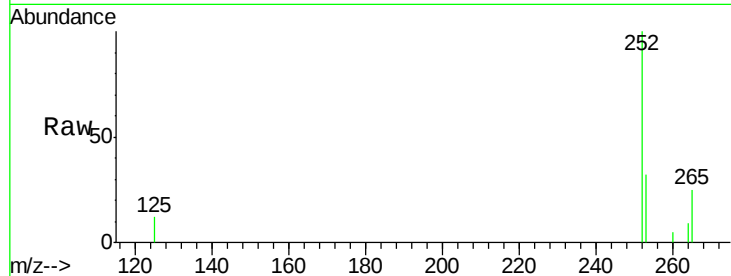
ClientSampleId :

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Tgt Ion:	252	Resp:	2380
Ion Ratio	Lower	Upper	
252	100		
253	31.7	28.5	42.7
125	12.1	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.33 ng/ul

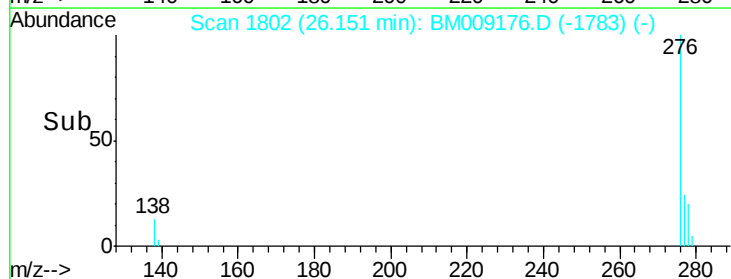
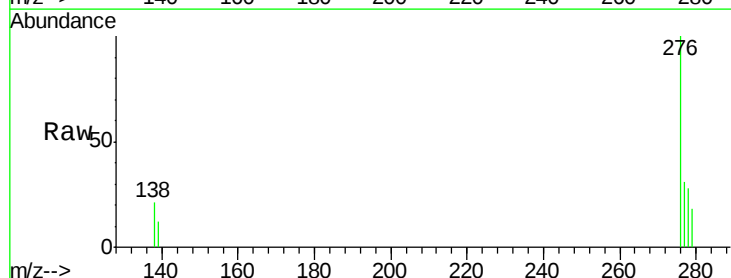
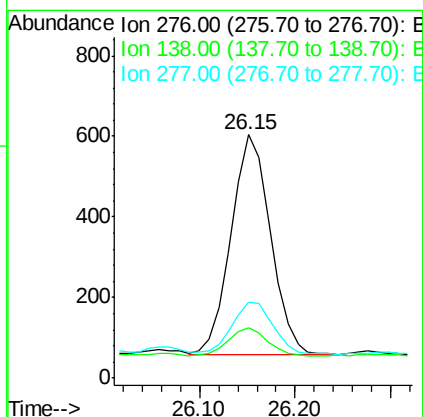
RT: 26.15 min Scan# 1802

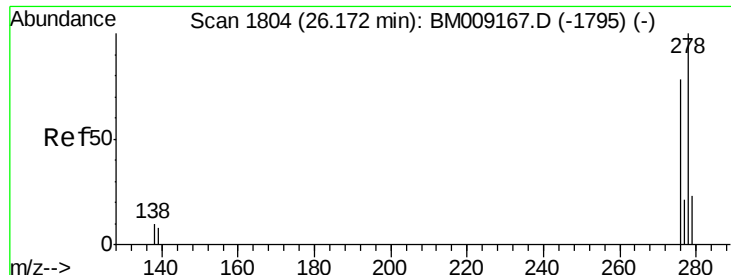
Delta R.T. -0.00 min

Lab File: BM009176.D

Acq: 10 Mar 2017 15:10

Tgt Ion:	276	Resp:	1569
Ion Ratio	Lower	Upper	
276	100		
138	13.4	19.1	28.7#
277	24.9	19.6	29.4





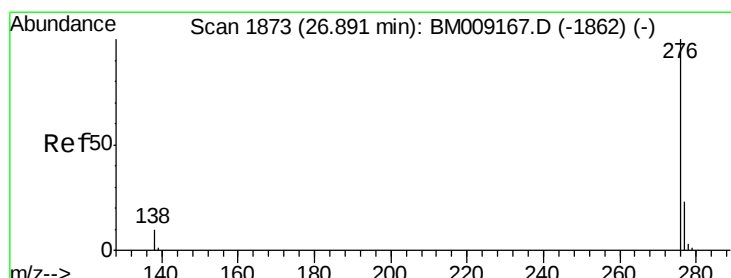
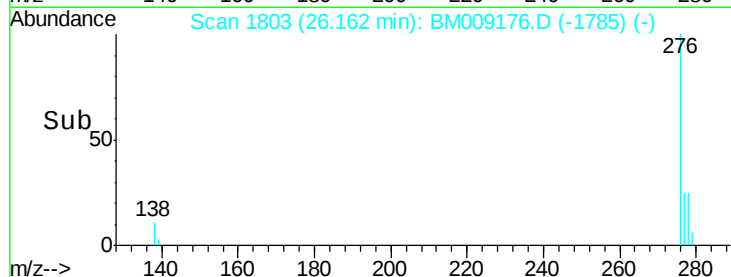
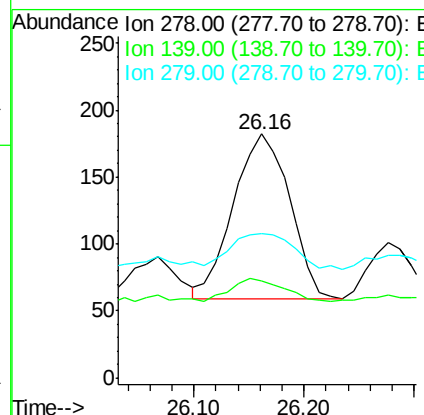
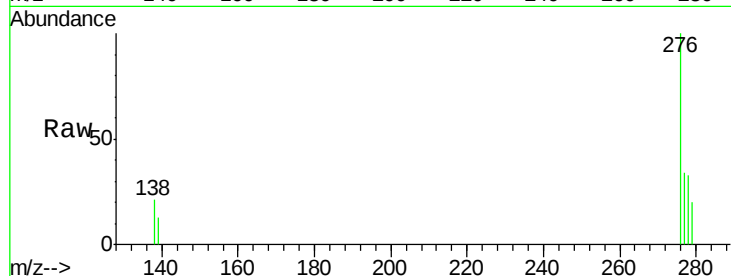
#25
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng/ul
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009176.D
 Acq: 10 Mar 2017 15:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.6	17.4	26.0#
279	59.3	25.9	38.9#

Manual Integrations
 APPROVED

mohammad
 3/13/2017 2:13:33 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.31 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009176.D
 Acq: 10 Mar 2017 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.2	21.8	32.8#
138	23.8	20.5	30.7

