

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009175.D
 Acq On : 10 Mar 2017 14:34
 Operator : SJ/MA
 Sample : I2069-17DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2DL

Manual Integrations
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Quant Time: Mar 10 17:02:36 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	306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	507	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1132	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1158	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1278	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	72	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	174	0.05	ng/ul	0.00
Target Compounds						
5) 2-Methylnaphthalene	12.34	142	112	0.06	ng/ul	99
12) Phenanthrene	17.30	178	2072	0.58	ng/ul	95
15) Fluoranthene	19.32	202	2992	0.65	ng/ul	97
17) Pyrene	19.68	202	4171	1.05	ng/ul	96
18) Benzo(a)anthracene	21.42	228	1613	0.42	ng/ul	94
19) Chrysene	21.47	228	1603m	0.44	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	1843m	0.37	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	482m	0.11	ng/ul	
23) Benzo(a)pyrene	23.67	252	1143	0.25	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.15	276	757	0.13	ng/ul#	88
26) Benzo(g,h,i)perylene	26.89	276	747	0.15	ng/ul#	84

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

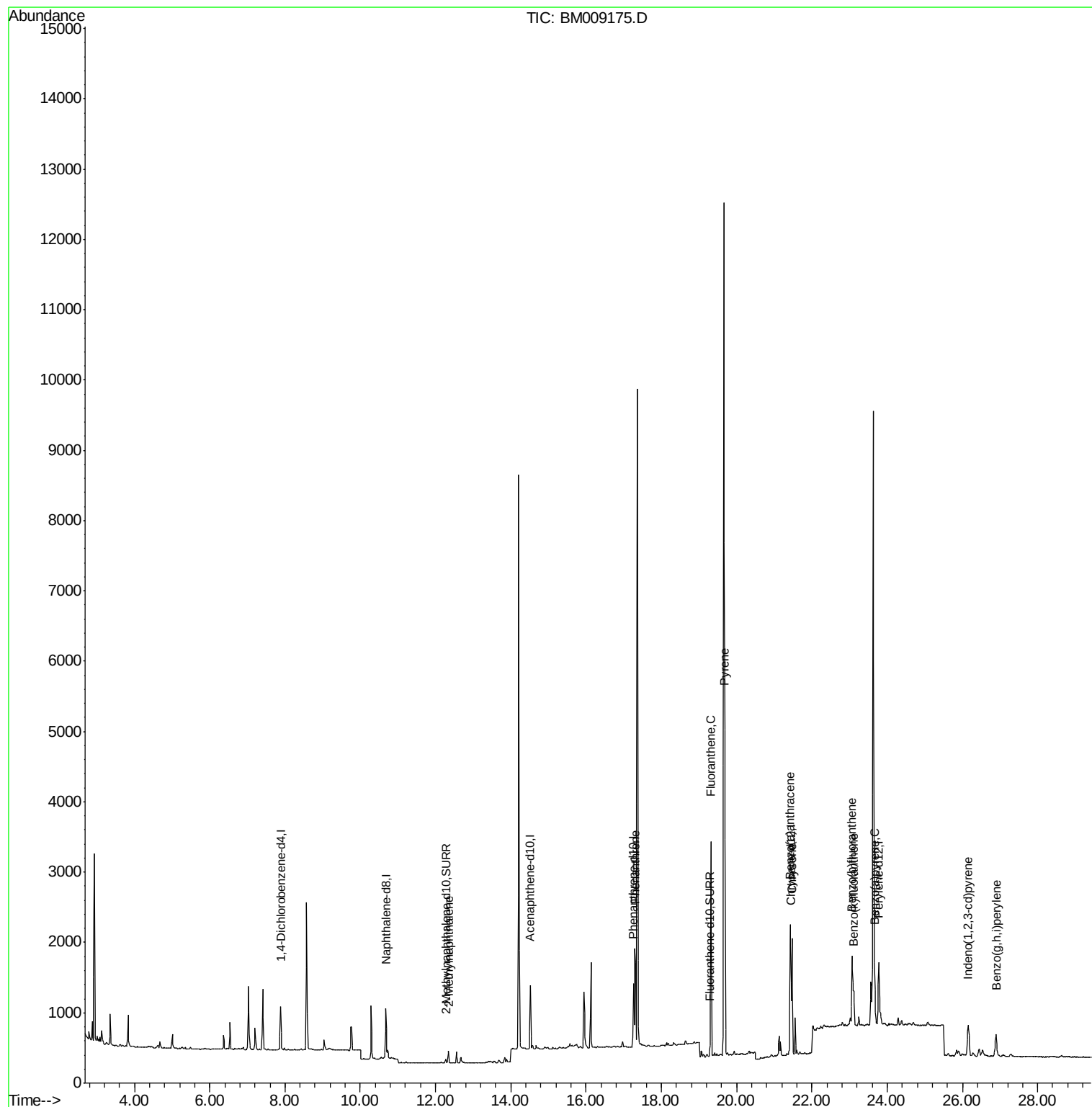
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009175.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

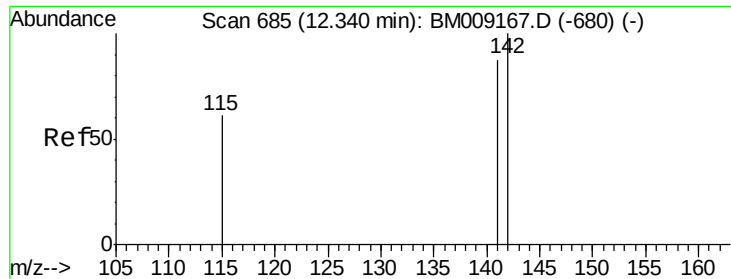
Instrument :
BNA_M
ClientSampleId :
C0AJ2DL

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Quant Time: Mar 10 17:02:36 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





#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009175.D

Acq: 10 Mar 2017 14:34

Instrument :

BNA_M

ClientSampleId :

C0AJ2DL

Tgt Ion:142 Resp: 112

Ion Ratio Lower Upper

142 100

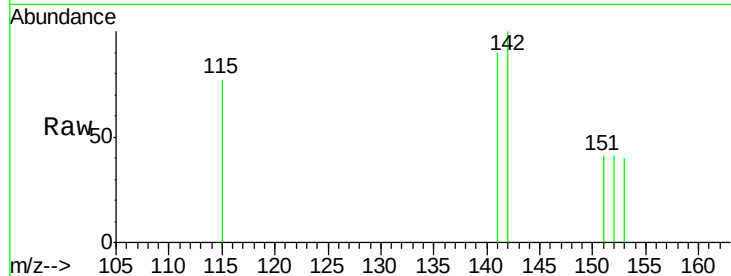
141 90.2 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

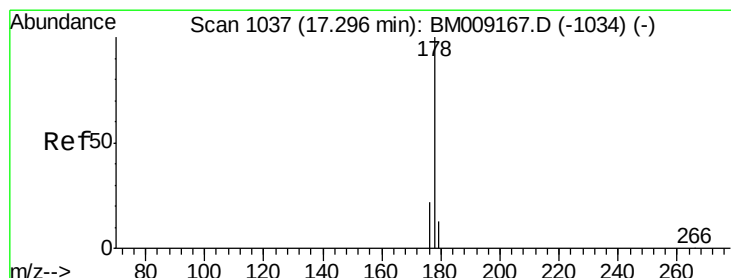
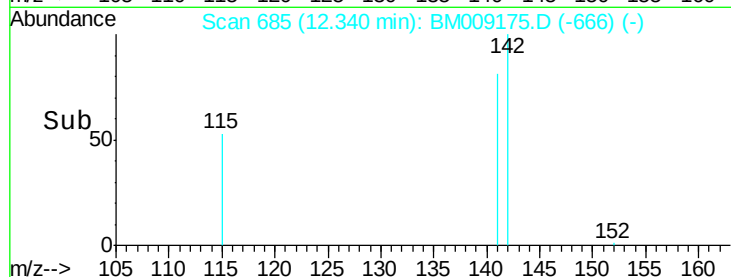
12.34

100

50

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.58 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009175.D

Acq: 10 Mar 2017 14:34

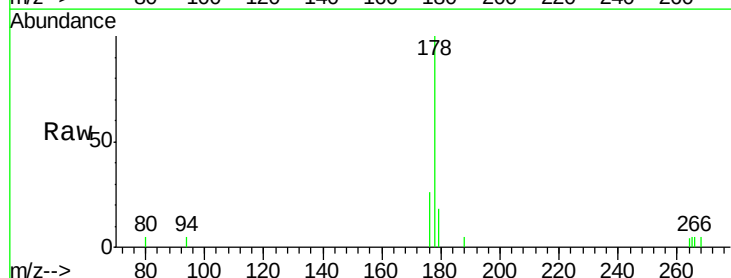
Tgt Ion:178 Resp: 2072

Ion Ratio Lower Upper

178 100

176 26.2 18.4 27.6

179 18.0 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

17.30

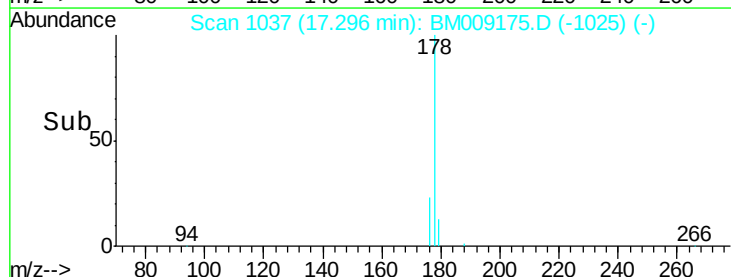
1500

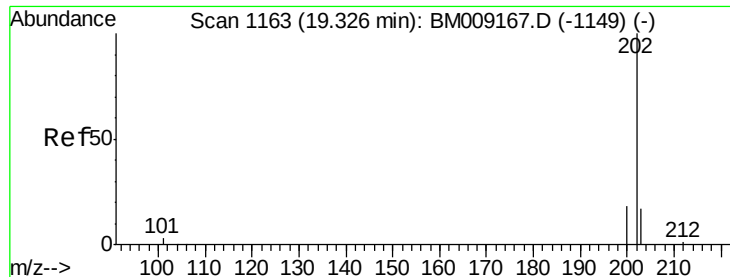
1000

500

0

Time--> 17.10 17.20 17.30 17.40





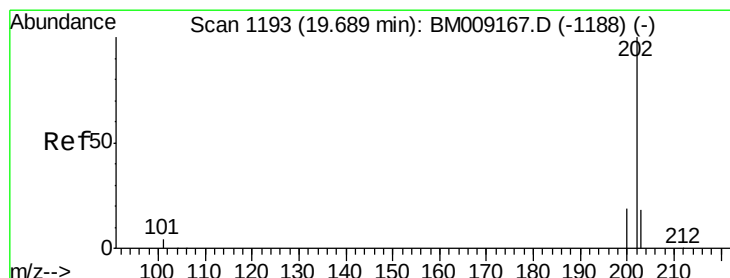
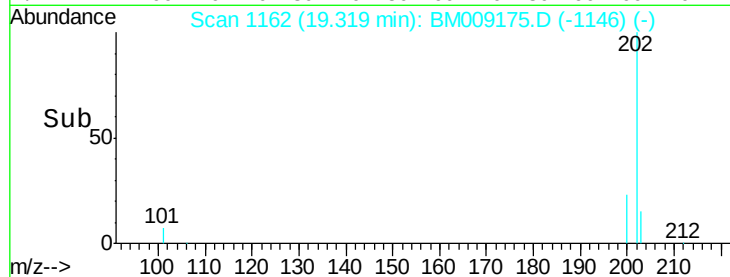
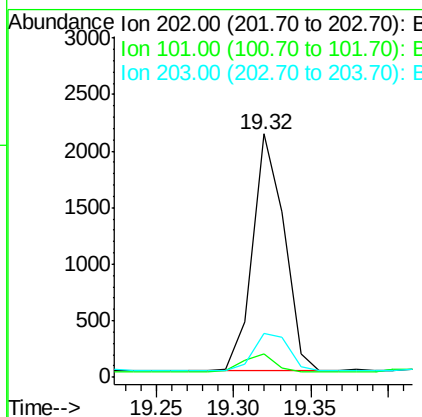
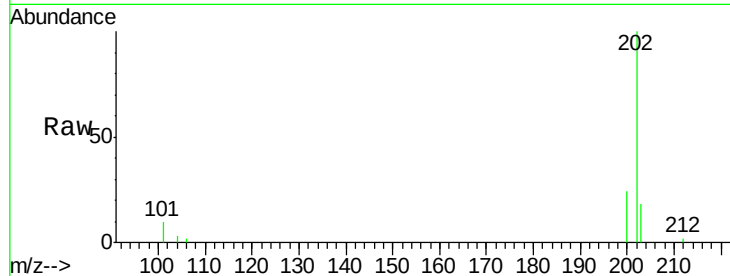
#15
Fluoranthene
Concen: 0.65 ng/ul
RT: 19.32 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM009175.D
Acq: 10 Mar 2017 14:34

Instrument :
BNA_M
ClientSampleId :
C0AJ2DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2992		
101	9.6	0.0	30.3	
203	18.0	0.0	39.5	

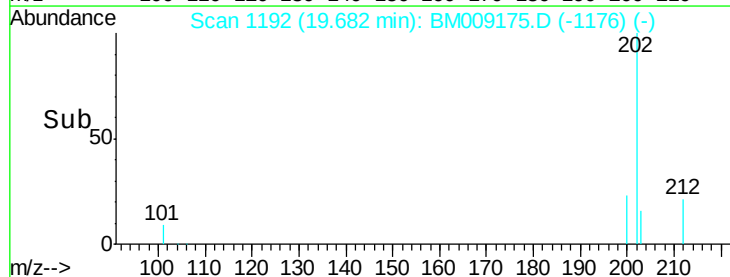
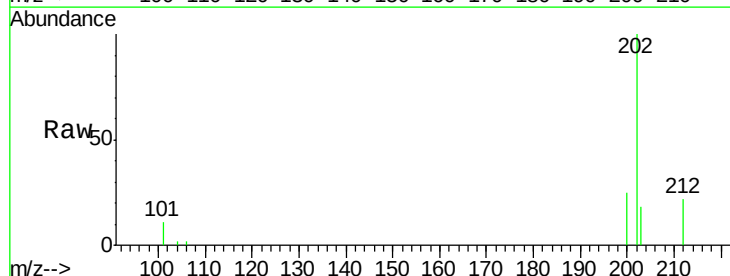
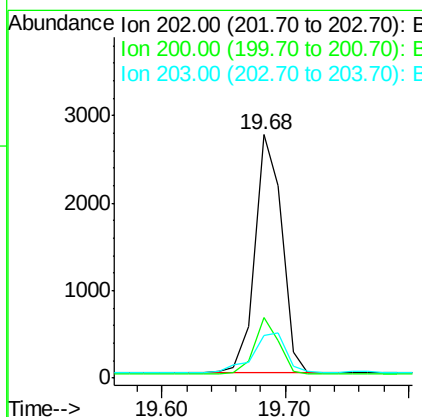
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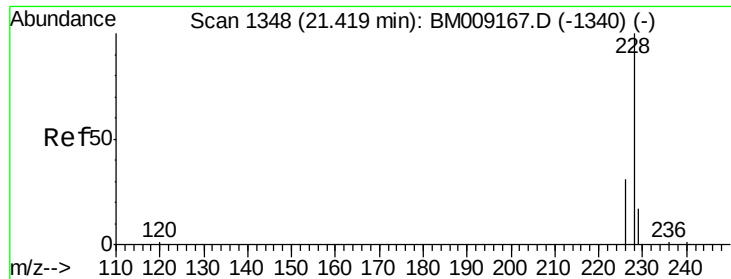
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#17
Pyrene
Concen: 1.05 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009175.D
Acq: 10 Mar 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4171		
200	24.6	18.2	27.4	
203	17.6	15.6	23.4	





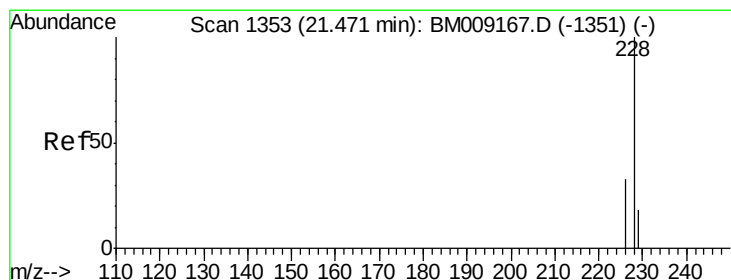
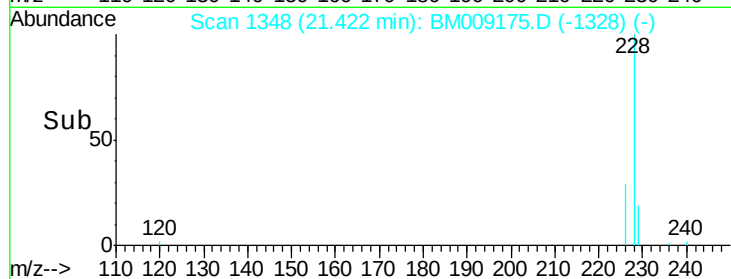
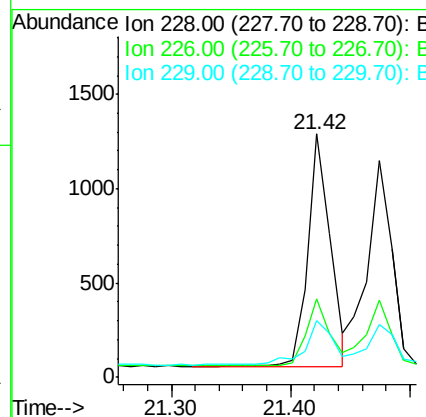
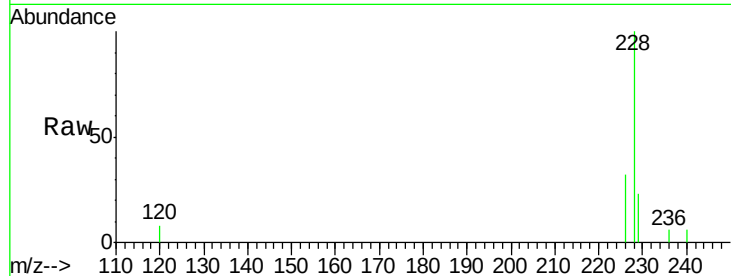
#18
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009175.D
Acq: 10 Mar 2017 14:34

Instrument :
BNA_M
ClientSampleId :
C0AJ2DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.8	34.2
229	23.1	17.0	25.6

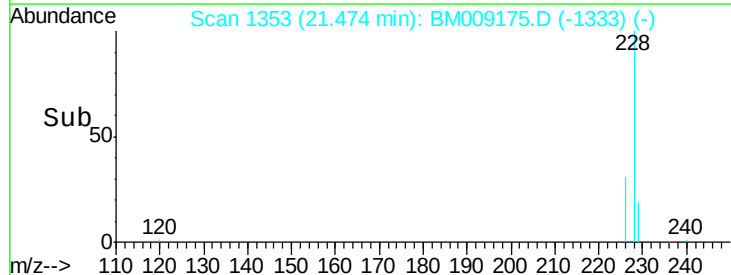
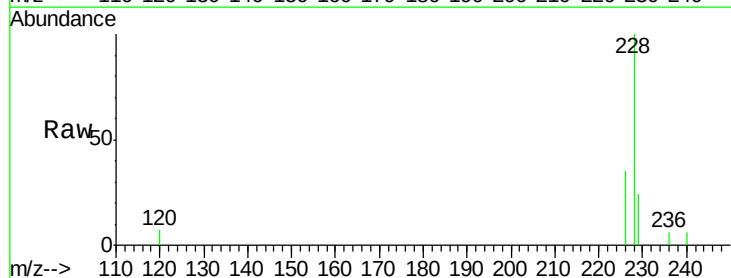
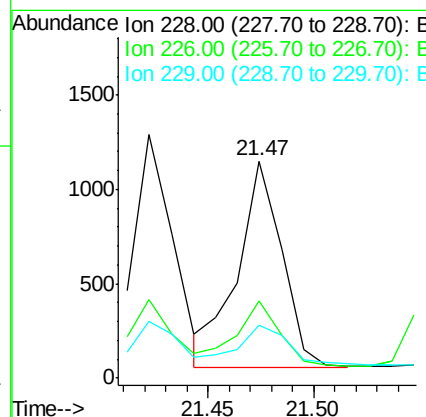
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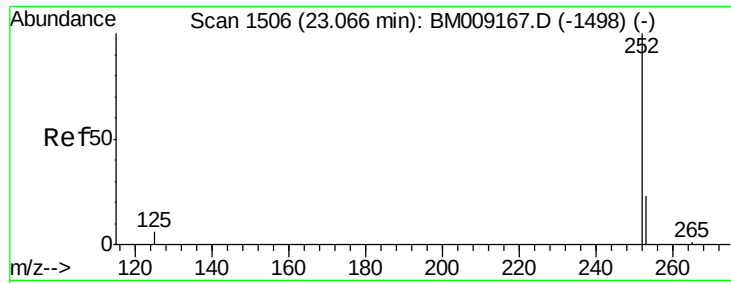
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#19
Chrysene
Concen: 0.44 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009175.D
Acq: 10 Mar 2017 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.4	35.0#
229	24.0	17.7	26.5





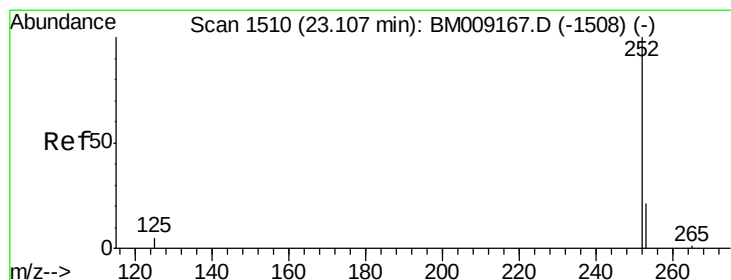
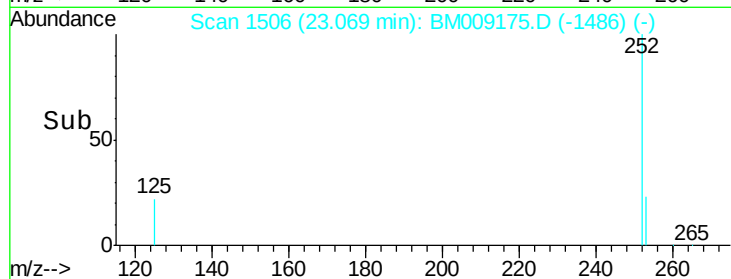
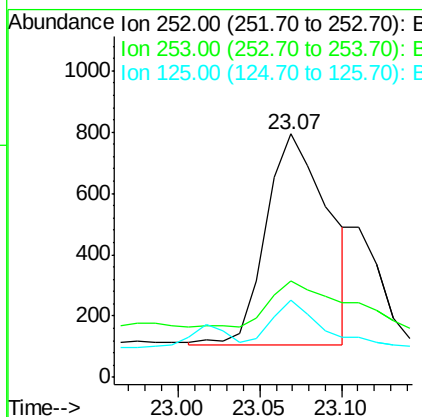
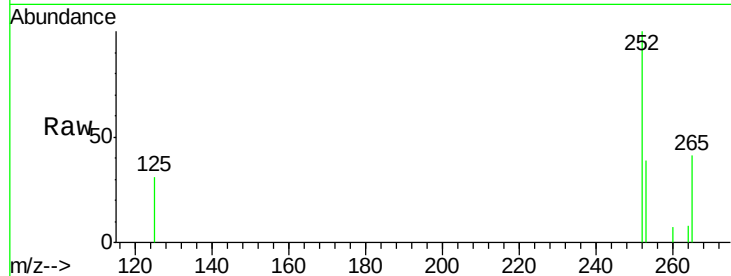
#21
Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009175.D
Acq: 10 Mar 2017 14:34

Instrument :
BNA_M
ClientSampleId :
C0AJ2DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1843		
253	39.4	0.0	64.2	
125	31.5	0.0	35.0	

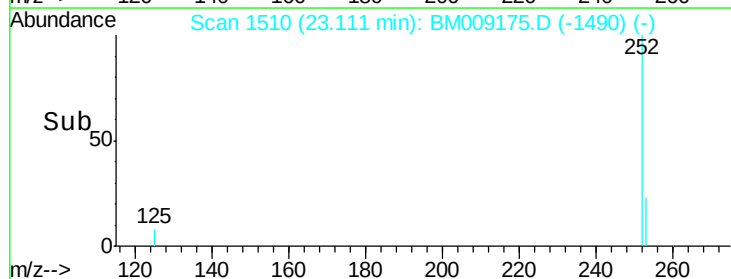
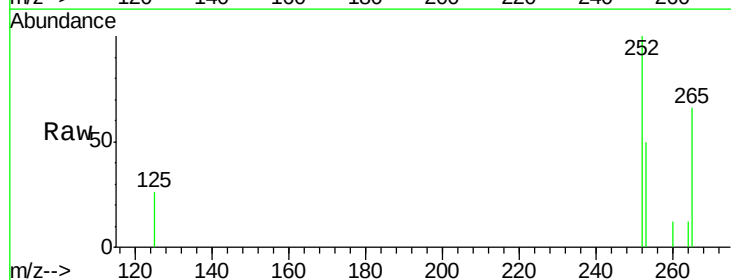
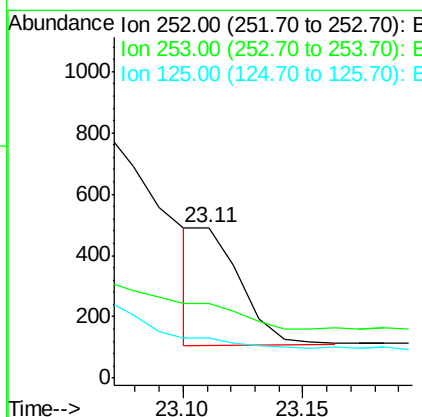
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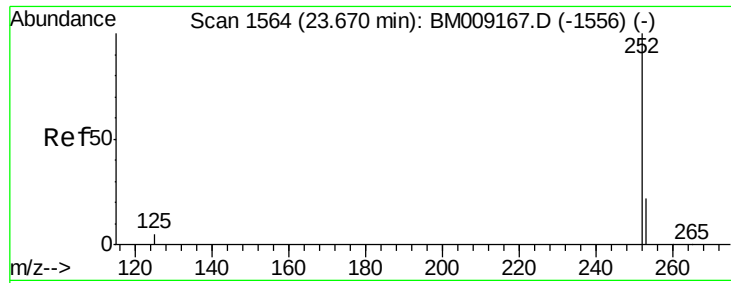
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#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009175.D
Acq: 10 Mar 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	482		
253	49.9	24.5	36.7#	
125	26.3	13.7	20.5#	





#23

Benzo(a)pyrene

Concen: 0.25 ng/ul

RT: 23.67 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BM009175.D

Acq: 10 Mar 2017 14:34

Instrument :

BNA_M

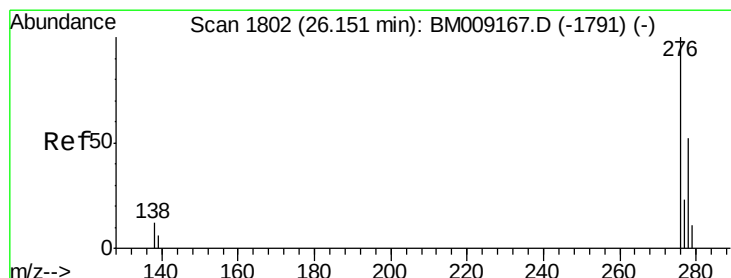
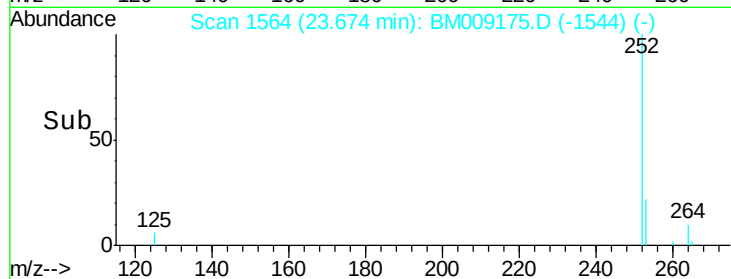
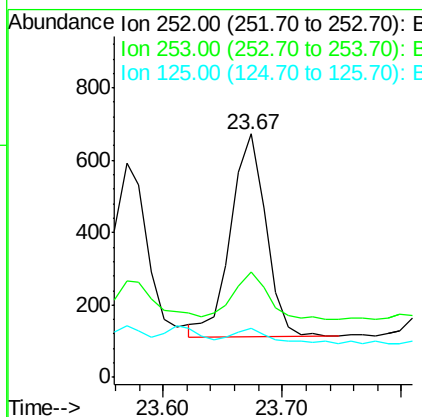
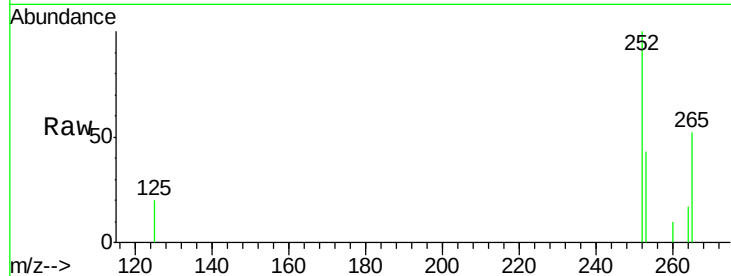
ClientSampleId :

C0AJ2DL

Tgt Ion:	252	Resp:	1143
Ion Ratio	Lower	Upper	
252	100		
253	43.4	28.5	42.7#
125	19.9	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.13 ng/ul

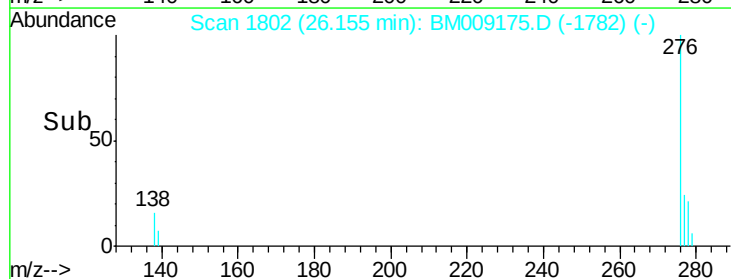
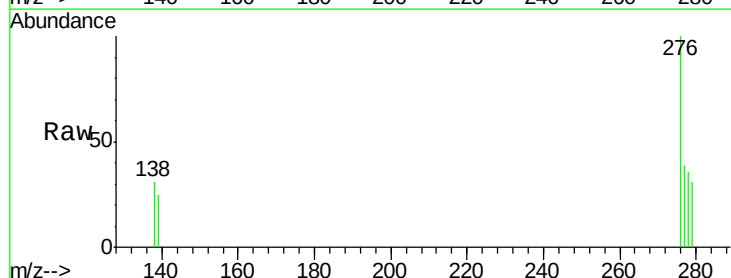
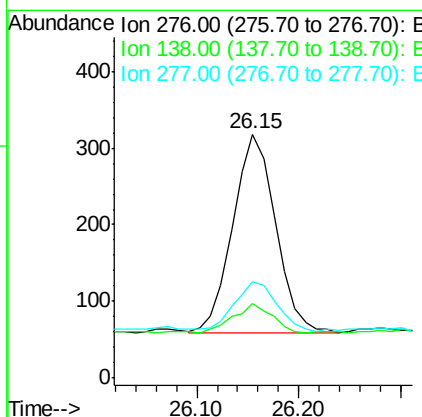
RT: 26.15 min Scan# 1802

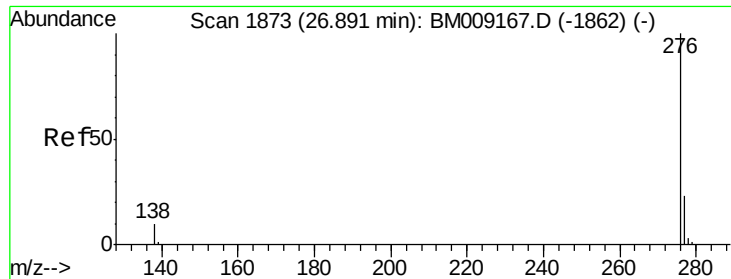
Delta R.T. 0.00 min

Lab File: BM009175.D

Acq: 10 Mar 2017 14:34

Tgt Ion:	276	Resp:	757
Ion Ratio	Lower	Upper	
276	100		
138	13.1	19.1	28.7#
277	23.6	19.6	29.4





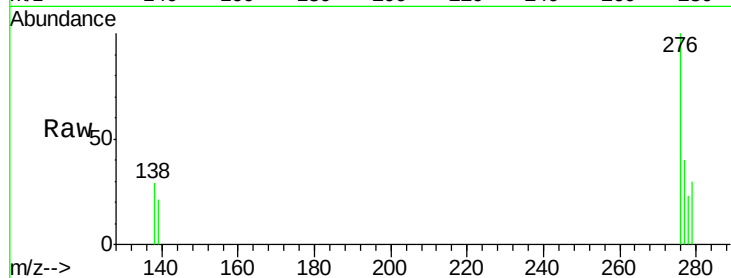
#26
 Benzo(g,h,i)perylene
 Concen: 0.15 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009175.D
 Acq: 10 Mar 2017 14:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2DL

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.7	21.8	32.8#
138	29.4	20.5	30.7

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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

