

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009116.D
 Acq On : 08 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2062-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

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Quant Time: Mar 09 02:23:00 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 01:19:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	233	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	696	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	421	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1012m	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	1073	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	993m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	316	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	931	0.29	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.31	178	258m	0.08	ng/ul	
15) Fluoranthene	19.33	202	963	0.23	ng/ul	93
17) Pyrene	19.69	202	977	0.26	ng/ul#	90
18) Benzo(a)anthracene	21.43	228	410	0.11	ng/ul#	78
19) Chrysene	21.48	228	360	0.11	ng/ul#	75
21) Benzo(b)fluoranthene	23.07	252	514m	0.13	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	227m	0.07	ng/ul	
23) Benzo(a)pyrene	23.67	252	479m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	254m	0.06	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	239m	0.06	ng/ul	

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

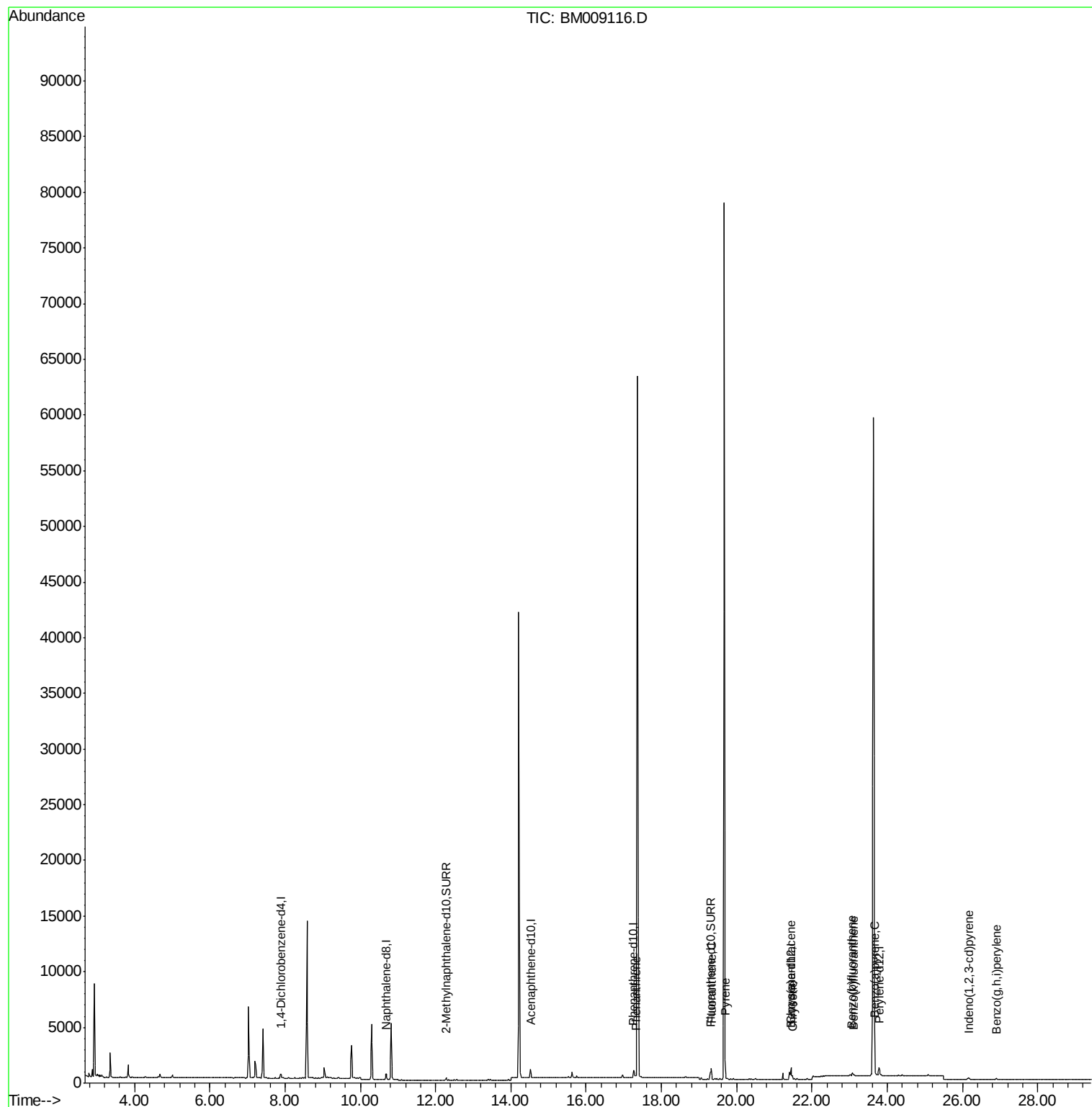
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009116.D
Acq On : 08 Mar 2017 19:17
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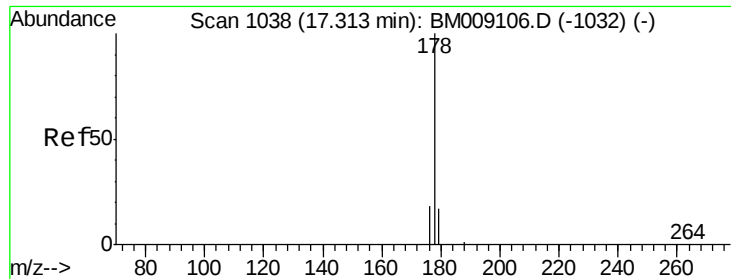
Instrument :
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#12

Phenanthrene

Concen: 0.08 ng/ul m

RT: 17.31 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BM009116.D

Acq: 08 Mar 2017 19:17

Instrument :

BNA_M

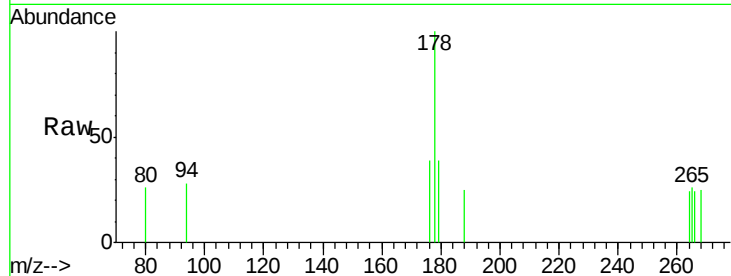
ClientSampled :

C0AD5

Tgt Ion:	178	Resp:	258
Ion Ratio	Lower	Upper	
178	100		
176	38.6	18.4	27.6#
179	39.1	13.6	20.4#

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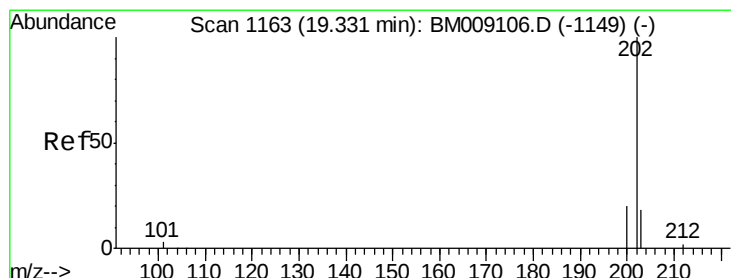
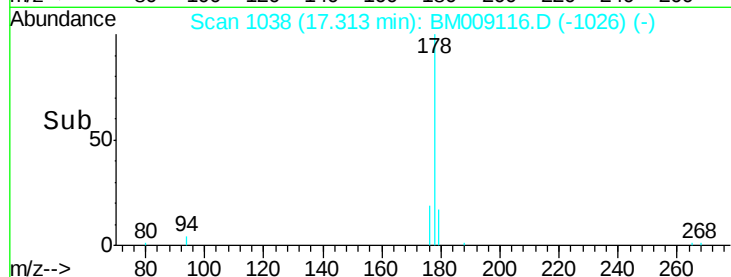
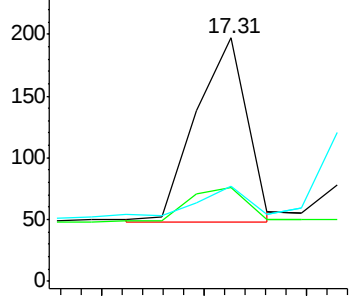
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.23 ng/ul

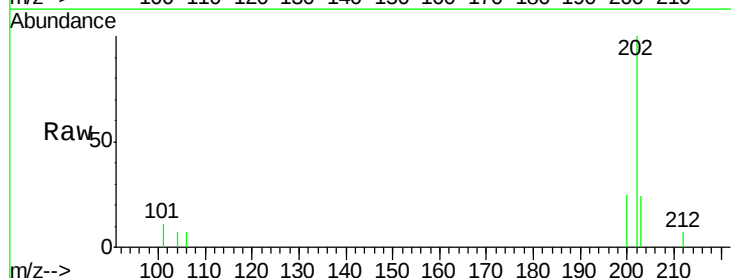
RT: 19.33 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM009116.D

Acq: 08 Mar 2017 19:17

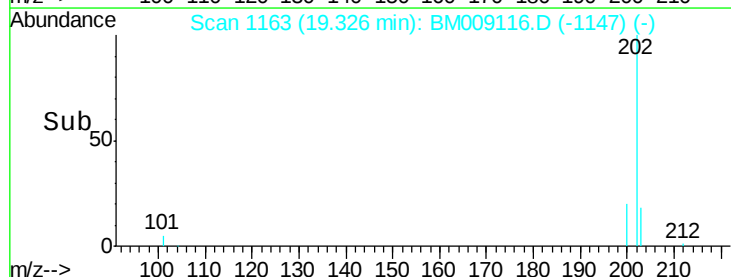
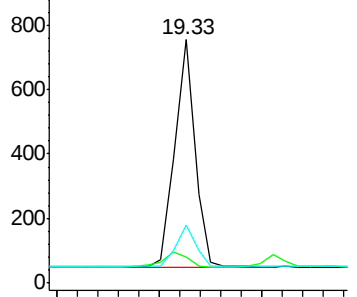
Tgt Ion:	202	Resp:	963
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.3
203	24.0	0.0	39.5

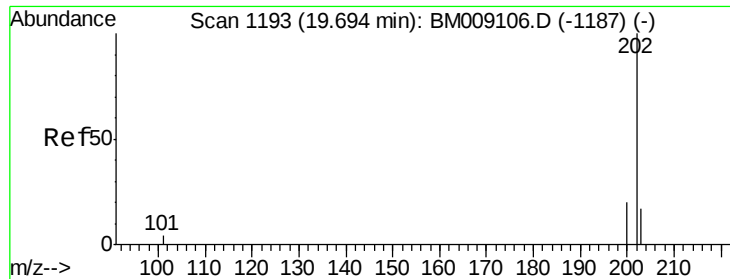


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





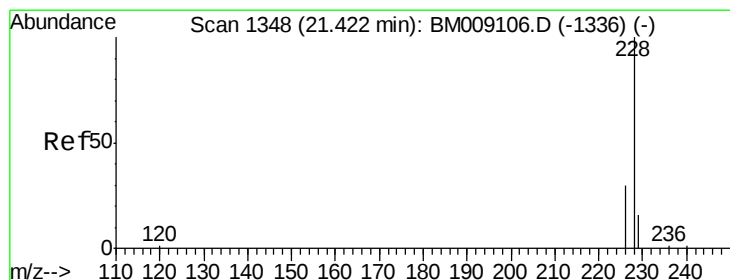
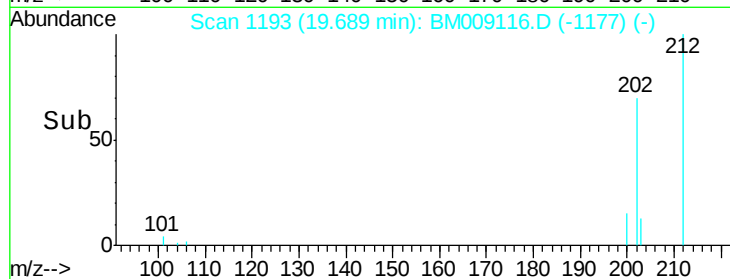
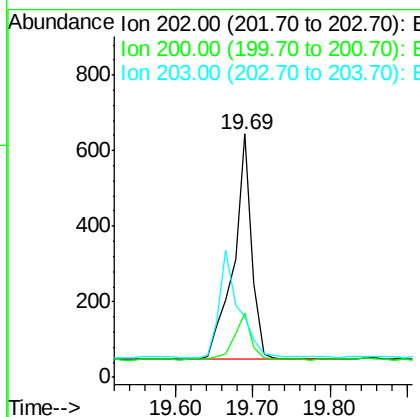
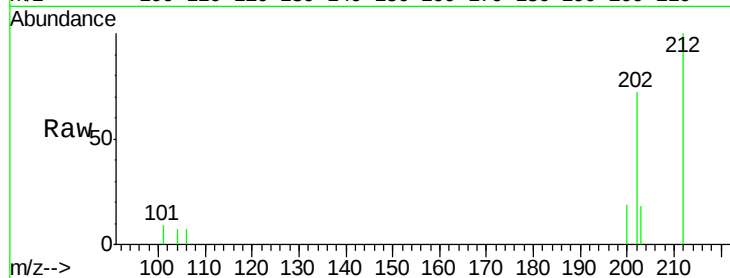
#17
Pyrene
Concen: 0.26 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009116.D
Acq: 08 Mar 2017 19:17

Instrument :
BNA_M
ClientSampleId :
C0AD5

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.7	18.2	27.4
203	25.2	15.6	23.4

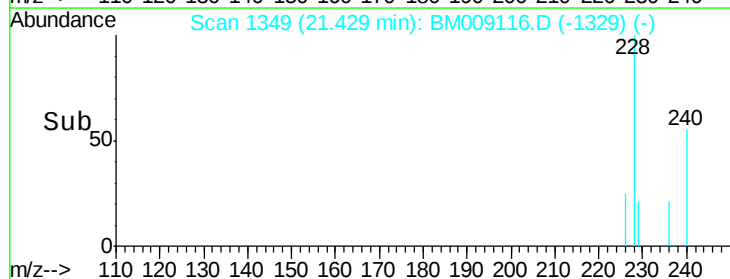
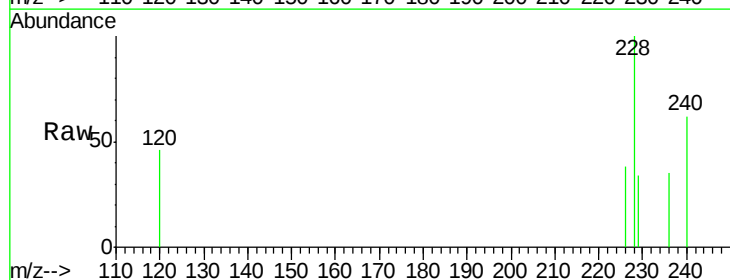
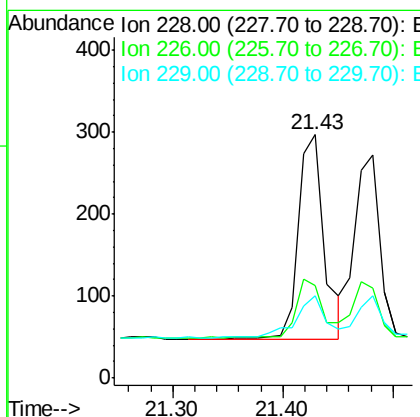
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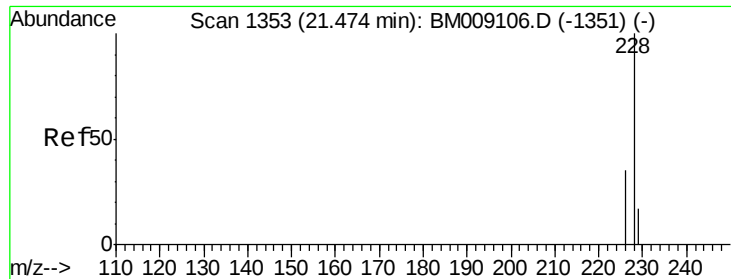
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#18
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BM009116.D
Acq: 08 Mar 2017 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.0	22.8	34.2
229	34.0	17.0	25.6





#19

Chrysene

Concen: 0.11 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BM009116.D

Acq: 08 Mar 2017 19:17

Instrument :

BNA_M

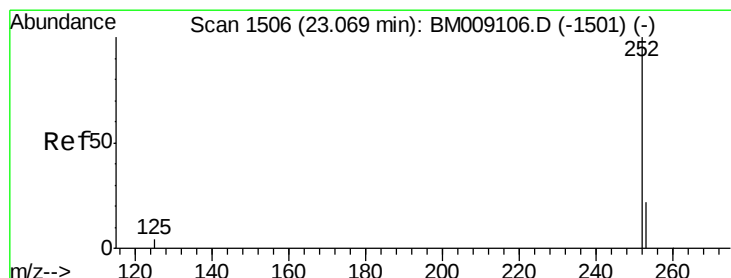
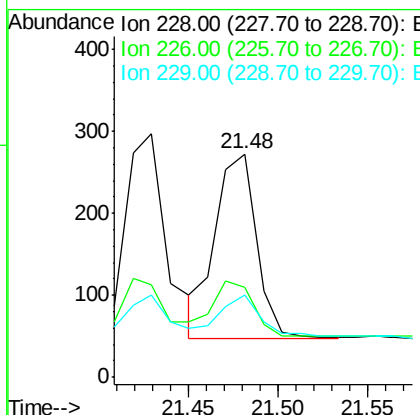
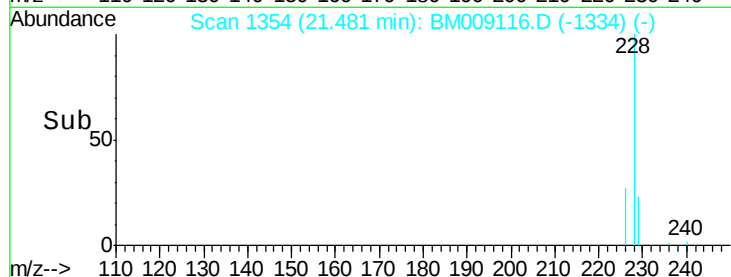
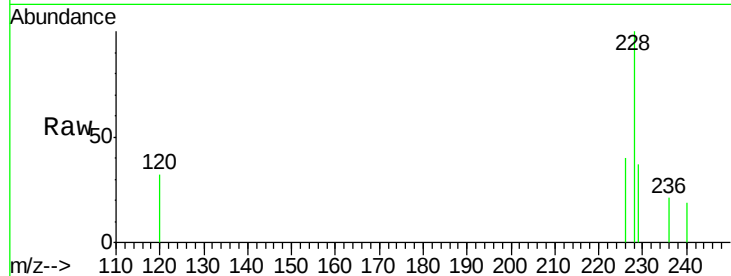
ClientSampleId :

C0AD5

Tgt Ion:	228	Resp:	360
Ion Ratio	Lower	Upper	
228	100		
226	40.3	23.4	35.0#
229	36.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.13 ng/ul m

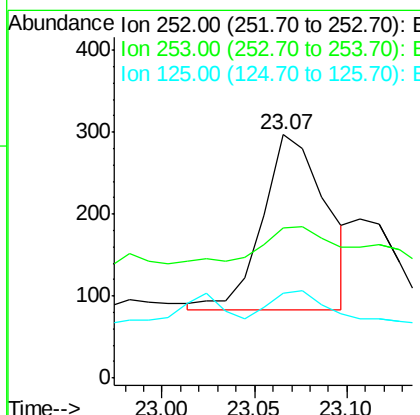
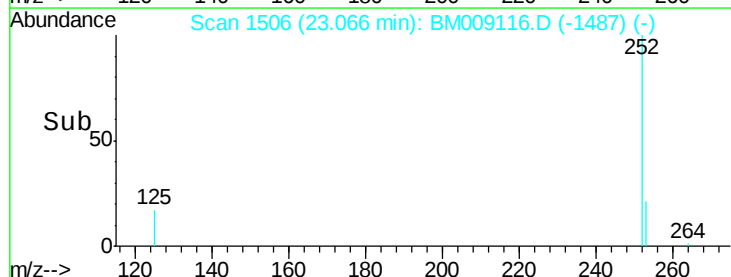
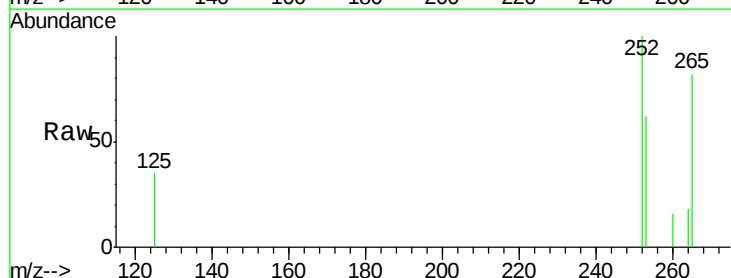
RT: 23.07 min Scan# 1506

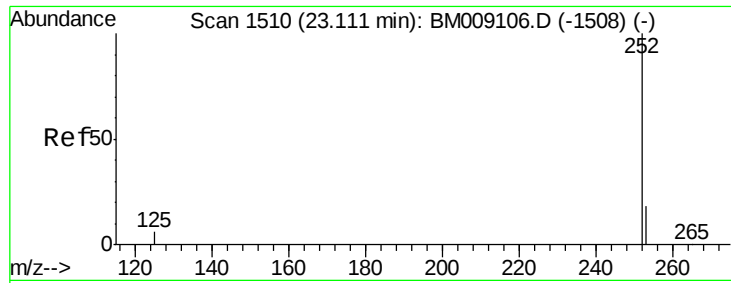
Delta R.T. -0.00 min

Lab File: BM009116.D

Acq: 08 Mar 2017 19:17

Tgt Ion:	252	Resp:	514
Ion Ratio	Lower	Upper	
252	100		
253	61.6	0.0	64.2
125	34.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.07 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009116.D

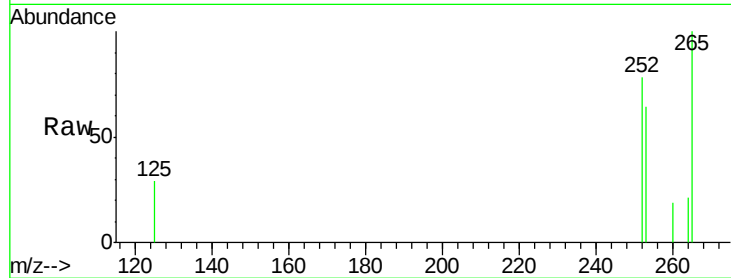
Acq: 08 Mar 2017 19:17

Instrument :

BNA_M

ClientSampleId :

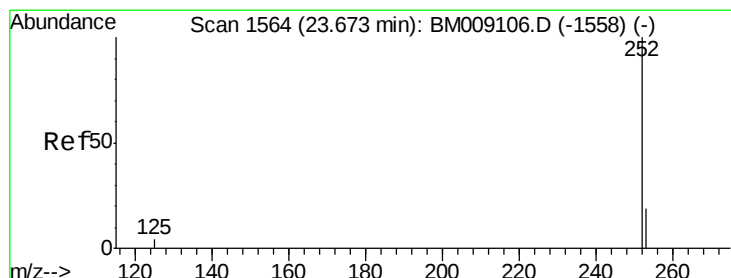
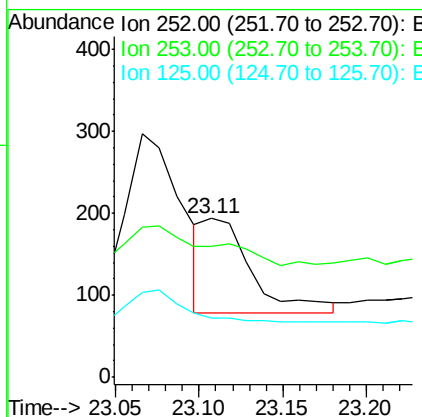
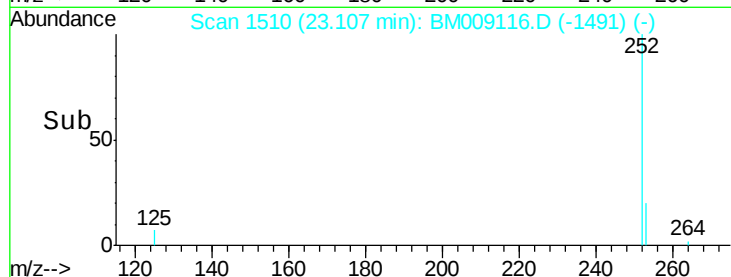
C0AD5



Tgt Ion	Ratio	Lower	Upper
252	100		
253	82.5	24.5	36.7#
125	37.6	13.7	20.5#

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#23

Benzo(a)pyrene

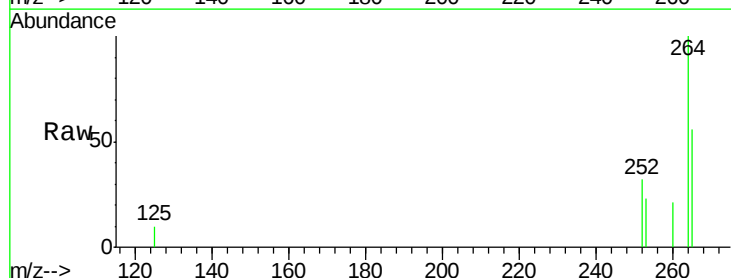
Concen: 0.14 ng/ul m

RT: 23.67 min Scan# 1564

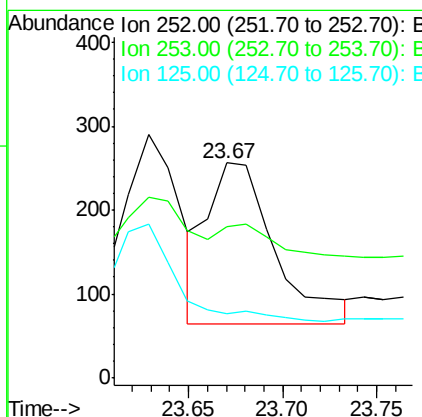
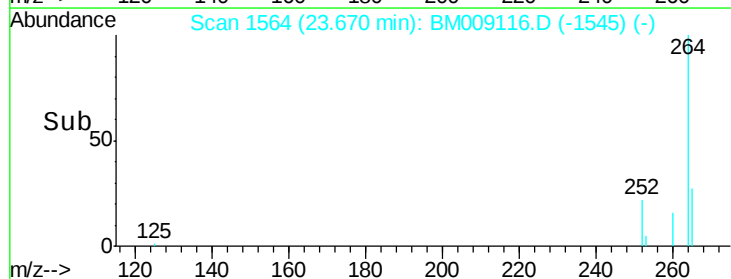
Delta R.T. -0.00 min

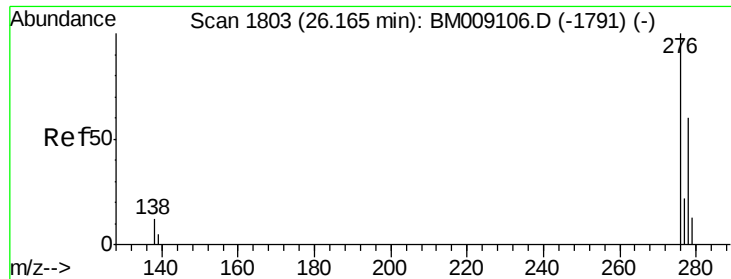
Lab File: BM009116.D

Acq: 08 Mar 2017 19:17



Tgt Ion	Ratio	Lower	Upper
252	100		
253	70.3	28.5	42.7#
125	29.7	18.1	27.1#





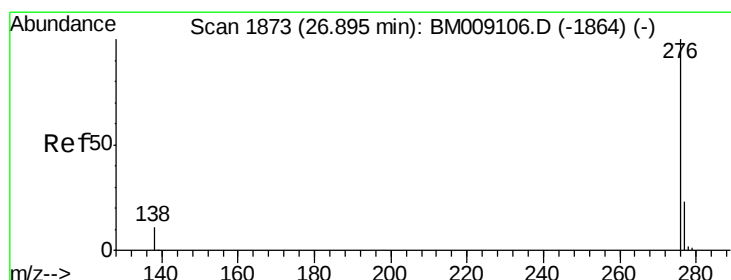
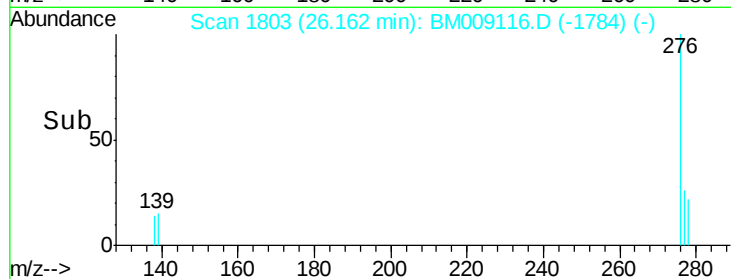
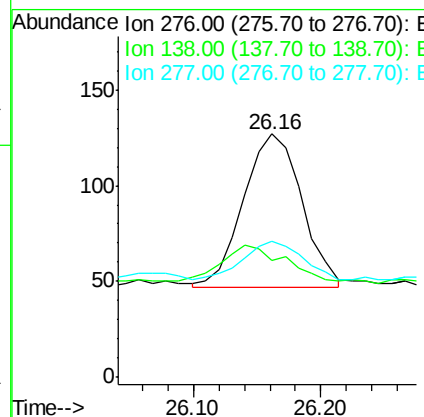
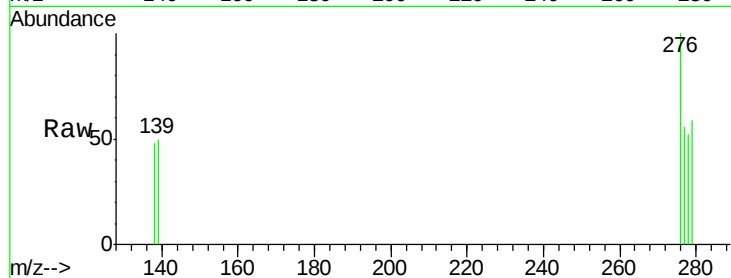
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BM009116.D
 Acq: 08 Mar 2017 19:17

Instrument :
 BNA_M
 ClientSampleId :
 C0AD5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.4	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009116.D
 Acq: 08 Mar 2017 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	56.9	21.8	32.8#
138	49.1	20.5	30.7#

