

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009609.D
 Acq On : 07 Apr 2017 00:23
 Operator : SJ/MA
 Sample : I2525-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB350

Manual Integrations
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mohammad
 4/7/2017 2:10:42 PM

Quant Time: Apr 07 03:51:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	172269	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	659765	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	371977	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	869838m	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1146927	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1124006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	281342	27.73	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1107539	30.38	ng/ul	0.00
10) Fluorene-d10	15.48	176	774586	29.54	ng/ul	0.00
15) Anthracene-d10	17.33	188	1198305	28.79	ng/ul	0.00
19) Pyrene-d10	19.63	212	1487192	31.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1499715	30.22	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.21	152	66124	1.81	ng/ul	98
14) Phenanthrene	17.28	178	186137	3.81	ng/ul	96
16) Anthracene	17.37	178	63557	1.26	ng/ul	93
17) Fluoranthene	19.29	202	504878	8.29	ng/ul	95
20) Pyrene	19.66	202	525558	8.42	ng/ul	97
21) Benzo(a)anthracene	21.40	228	342705	5.29	ng/ul	99
22) Chrysene	21.45	228	356344	6.00	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	586787	8.44	ng/ul#	91
25) Benzo(k)fluoranthene	23.07	252	158281m	2.39	ng/ul	
27) Benzo(a)pyrene	23.64	252	372046	5.63	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	304992	4.12	ng/ul	93
29) Dibenzo(a,h)anthracene	26.11	278	80147	1.27	ng/ul	96
30) Benzo(a,h,i)perylene	26.83	276	293433	4.80	ng/ul#	93

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

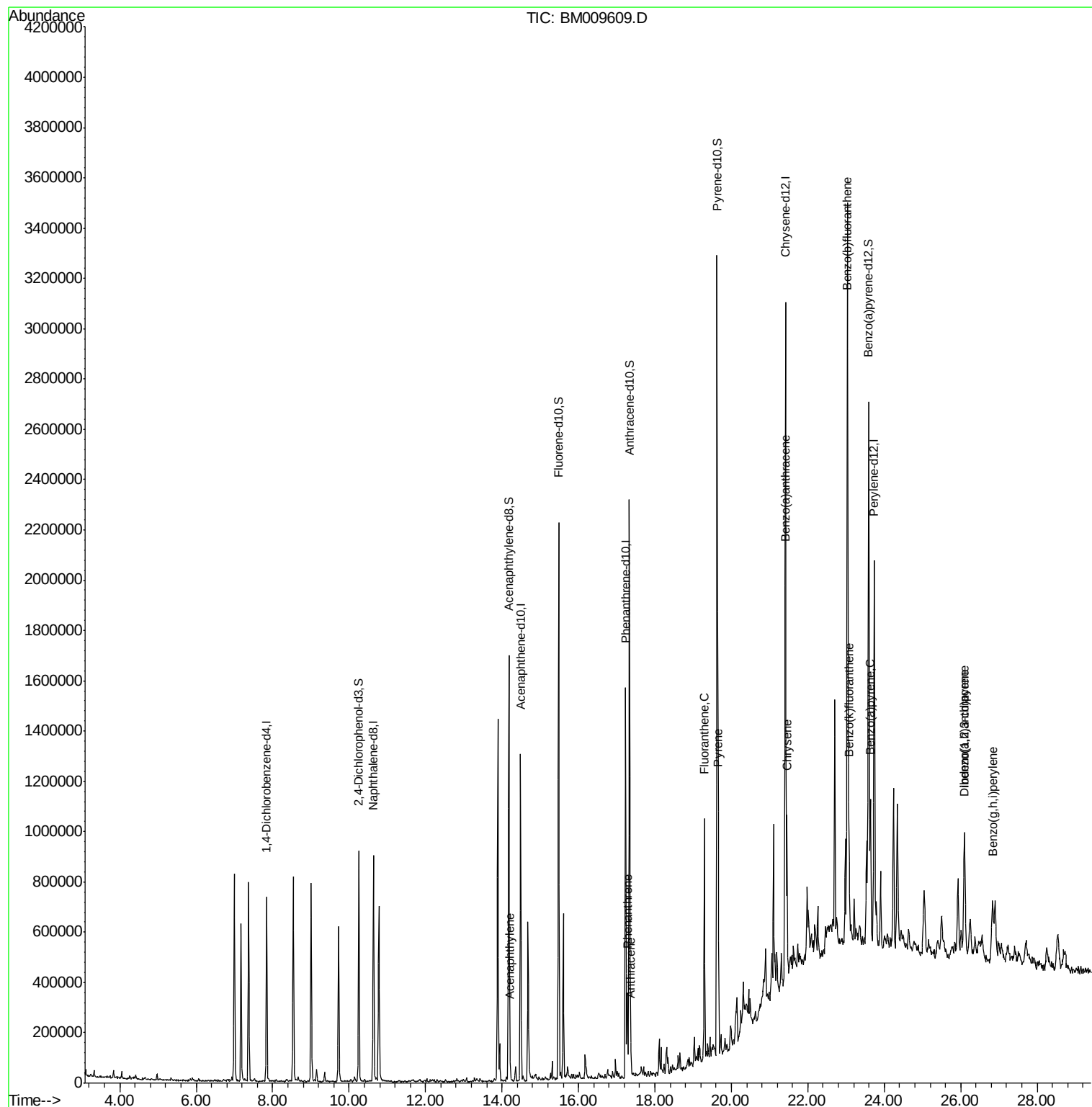
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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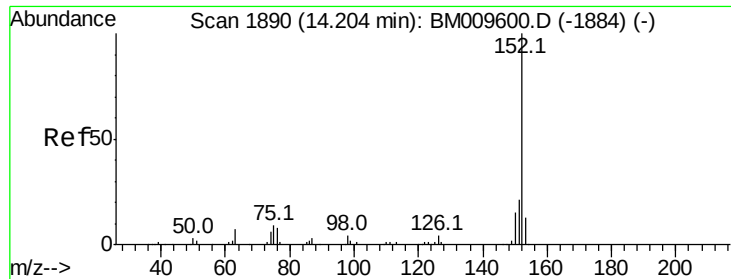
Instrument :
BNA_M
ClientSampled :
CB350

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Quant Time: Apr 07 03:51:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
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#8

Acenaphthylene

Concen: 1.81 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Instrument :

BNA_M

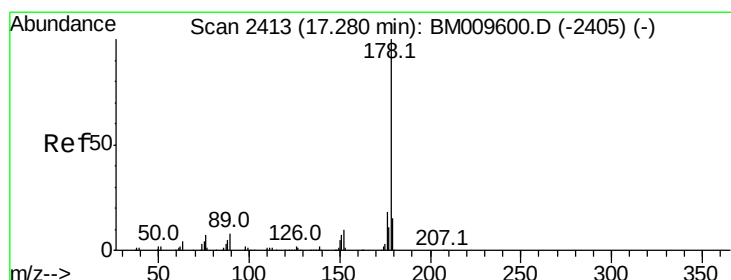
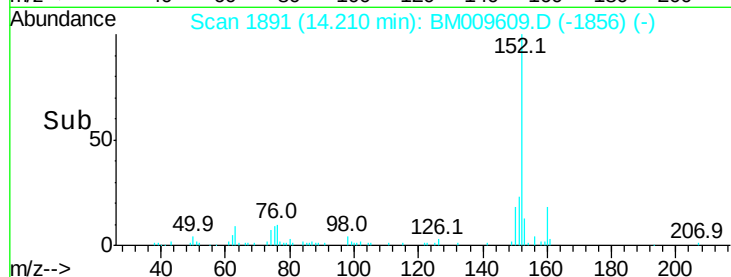
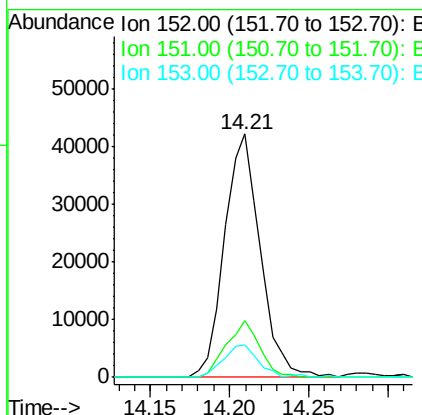
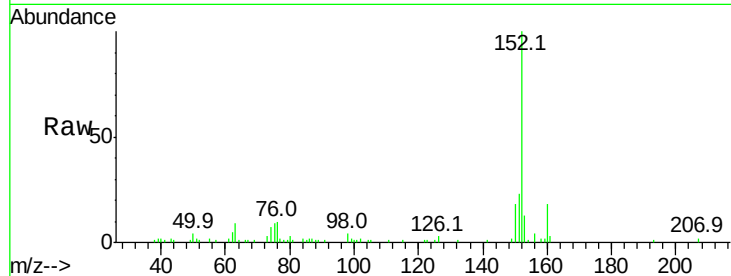
ClientSampled :

CB350

Tot Ion:	152	Resp:	66124
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.5	26.3
153	13.4	10.6	16.0

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#14

Phenanthrene

Concen: 3.81 ng/ul

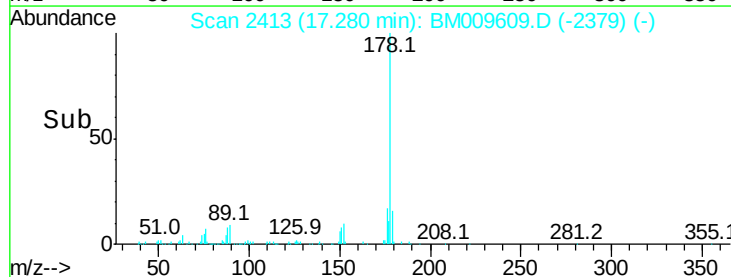
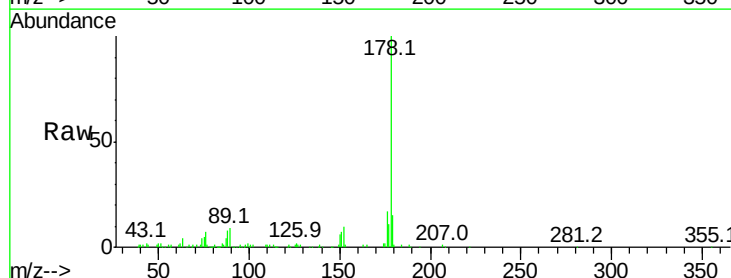
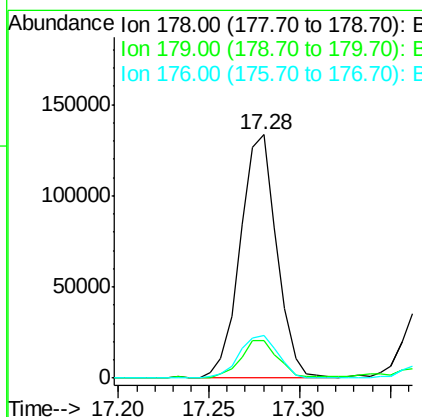
RT: 17.28 min Scan# 2413

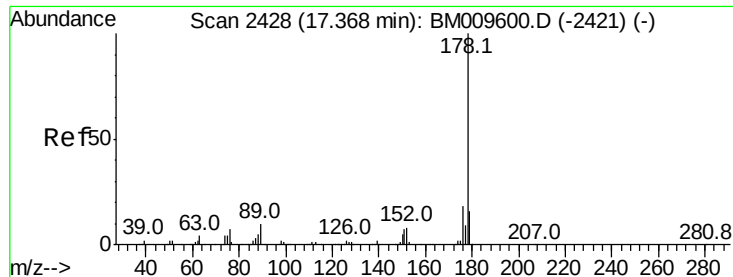
Delta R.T. -0.00 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Tgt Ion:	178	Resp:	186137
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	17.4	16.4	24.6





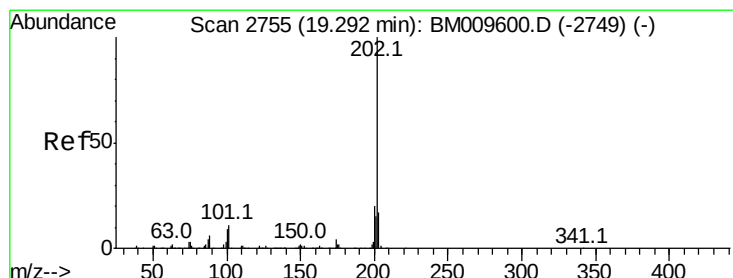
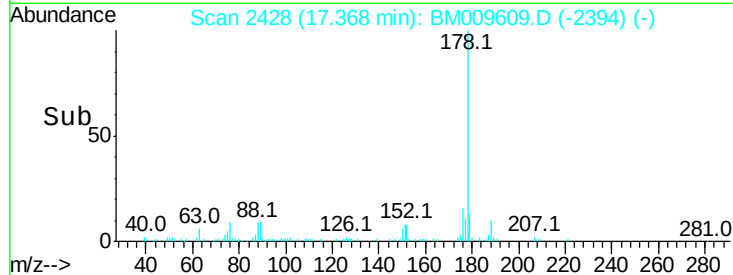
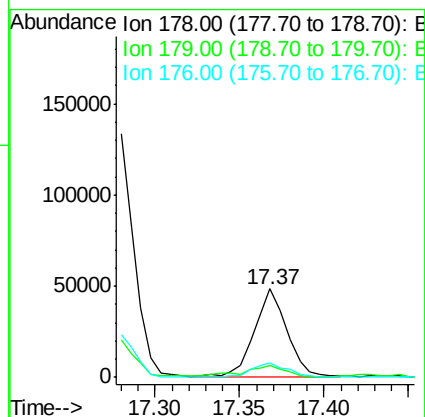
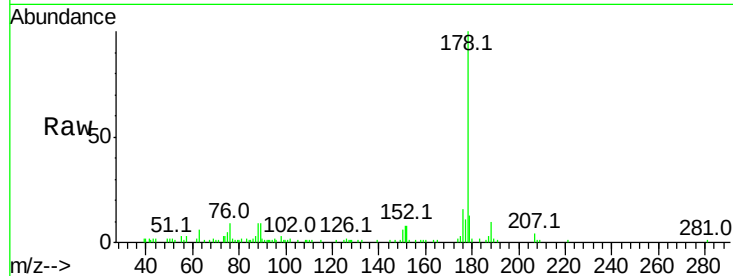
#16
 Anthracene
 Concen: 1.26 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM009609.D
 Acq: 07 Apr 2017 00:23

Instrument :
 BNA_M
 ClientSampleId :
 CB350

Tot Ion:178	Resp:	63557
Ion Ratio	Lower	Upper
178	100	
179	13.5	12.7 19.1
176	16.4	15.8 23.8

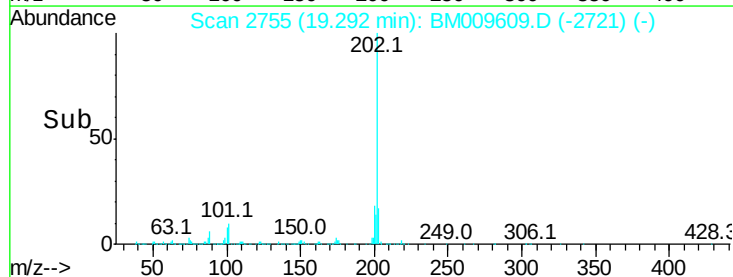
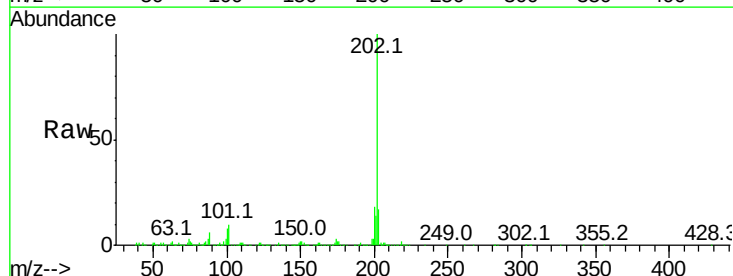
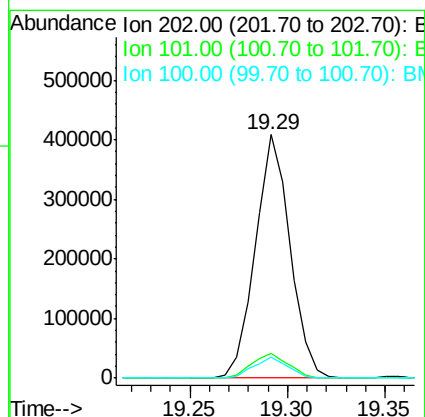
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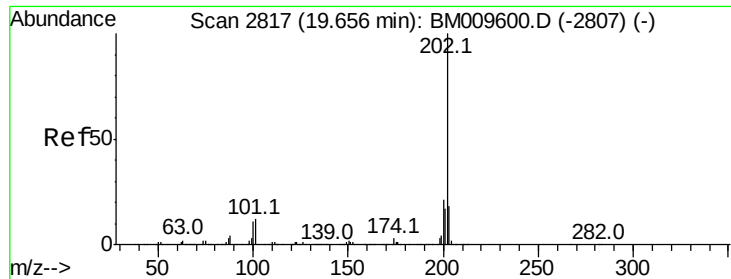
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#17
 Fluoranthene
 Concen: 8.29 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM009609.D
 Acq: 07 Apr 2017 00:23

Tgt Ion:202	Resp:	504878
Ion Ratio	Lower	Upper
202	100	
101	10.0	9.8 14.8
100	8.4	7.5 11.3





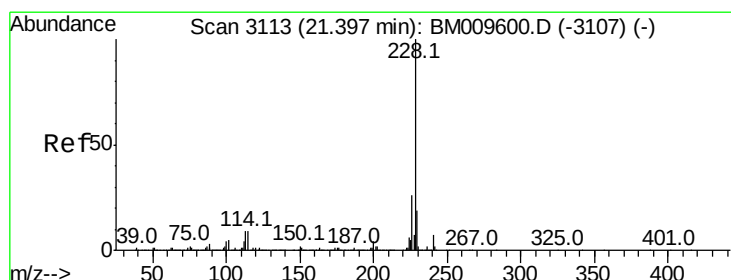
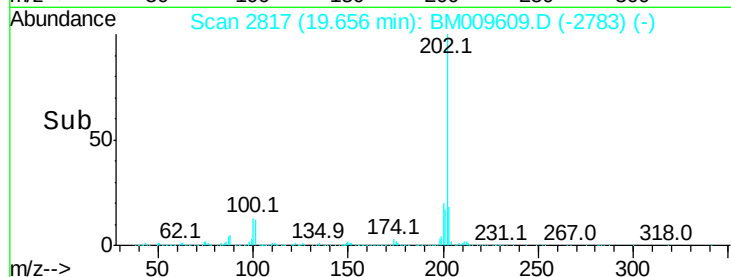
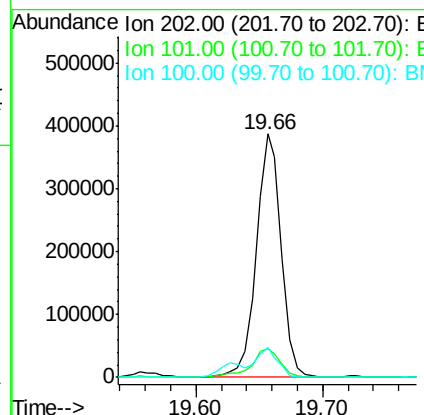
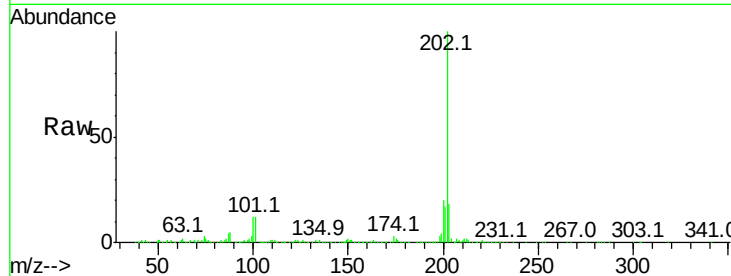
#20
Pvrene
Concen: 8.42 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009609.D
Acq: 07 Apr 2017 00:23

Instrument :
BNA_M
ClientSampleId :
CB350

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	11.2	16.8
100	12.4	9.8	14.6

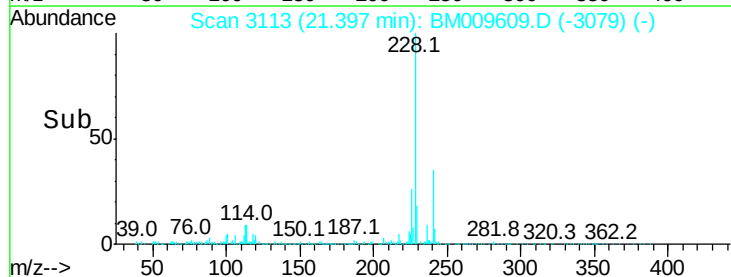
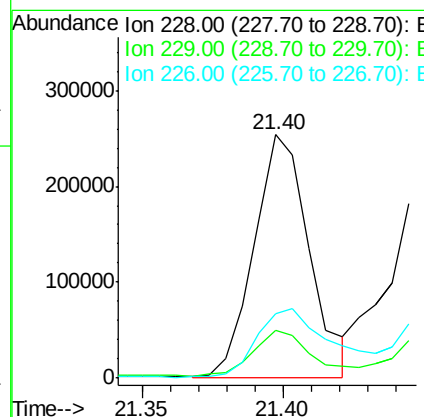
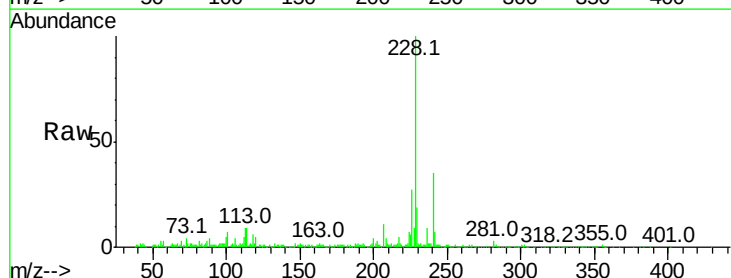
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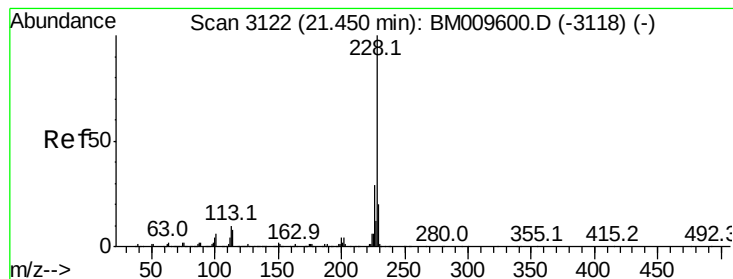
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#21
Benzo(a)anthracene
Concen: 5.29 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009609.D
Acq: 07 Apr 2017 00:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.5	15.9	23.9
226	26.6	22.1	33.1





#22

Chrysene

Concen: 6.00 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Instrument :

BNA_M

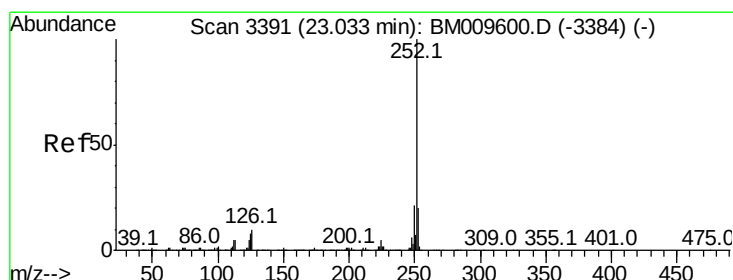
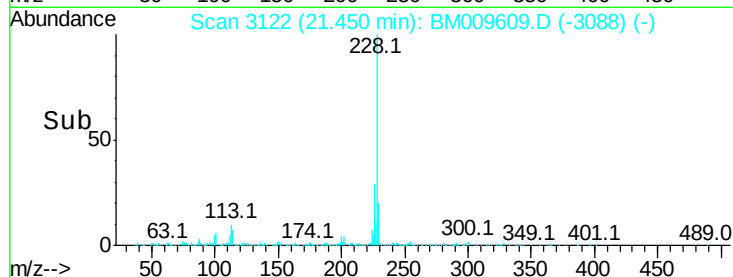
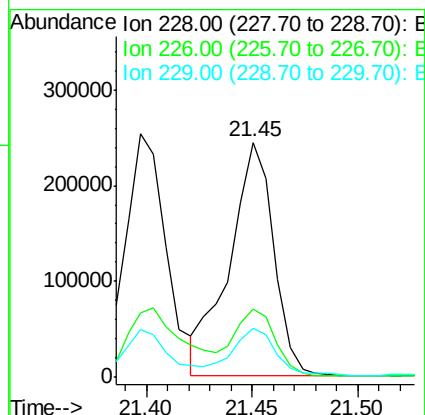
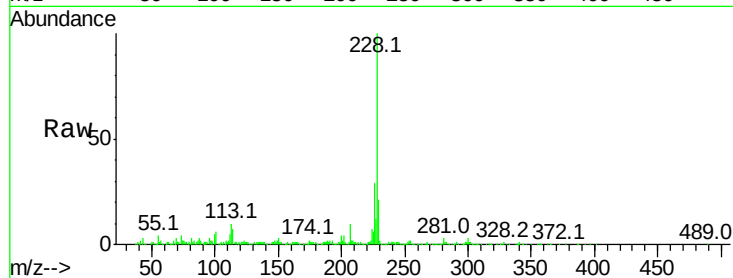
ClientSampleId :

CB350

Tot Ion:	228	Resp:	356344
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	20.7	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 8.44 ng/ul

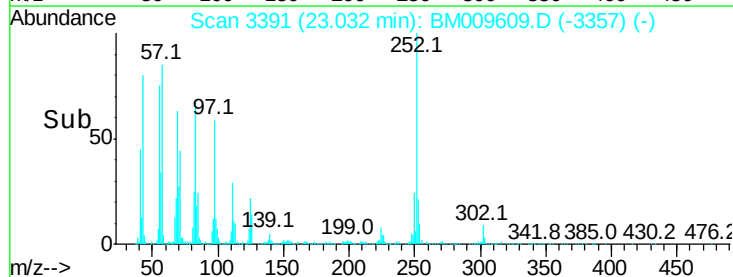
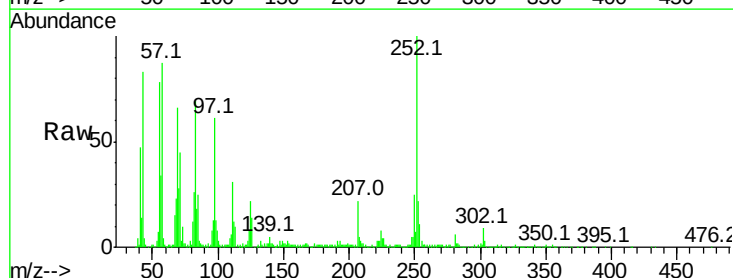
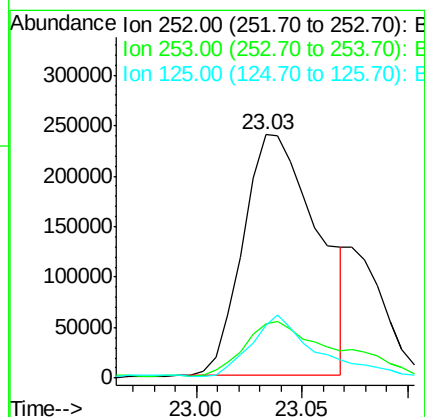
RT: 23.03 min Scan# 3391

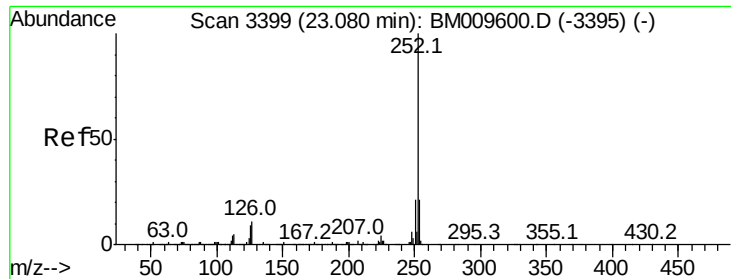
Delta R.T. -0.00 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Tgt Ion:	252	Resp:	586787
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	22.0	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 2.39 ng/ul m

RT: 23.07 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Instrument :

BNA_M

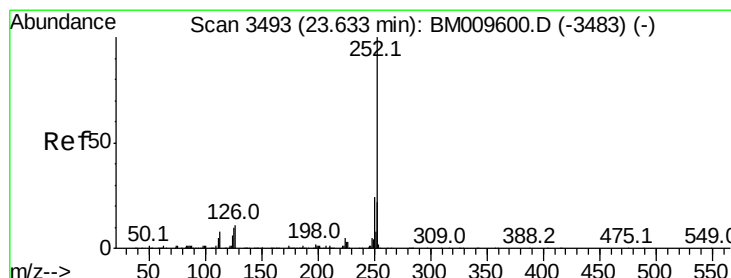
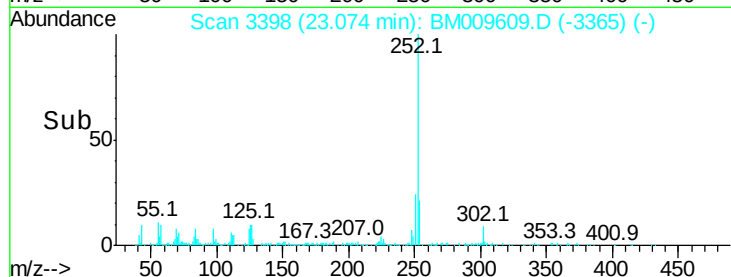
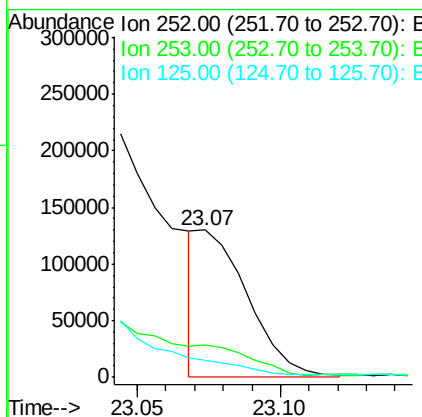
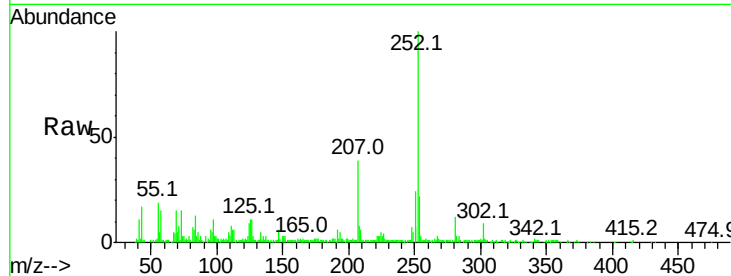
ClientSampleId :

CB350

Tot Ion:	252	Resp:	158281
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	11.3	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 5.63 ng/ul

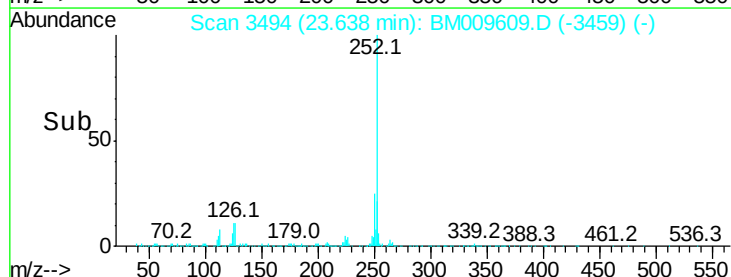
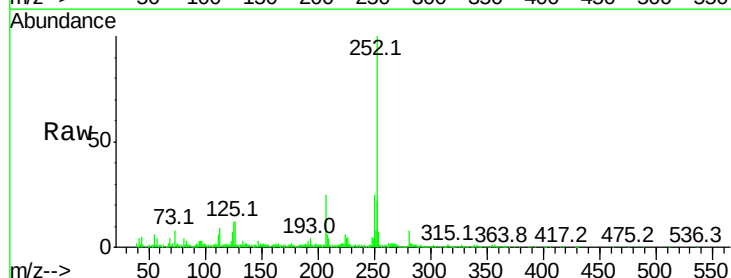
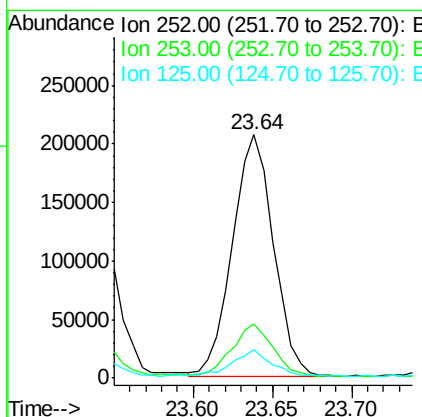
RT: 23.64 min Scan# 3494

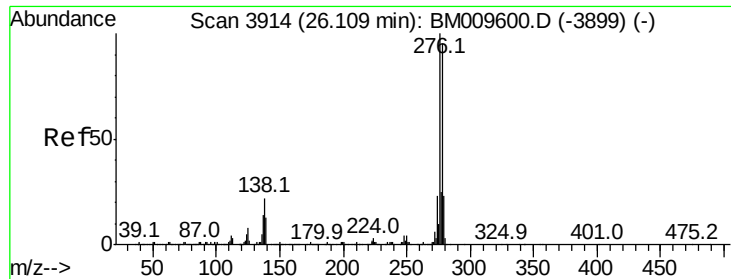
Delta R.T. 0.01 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Tgt Ion:	252	Resp:	372046
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	11.9	9.4	14.2





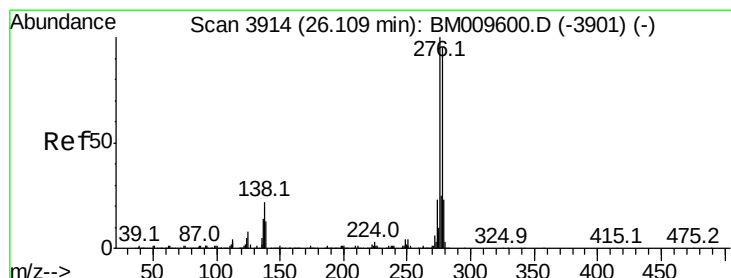
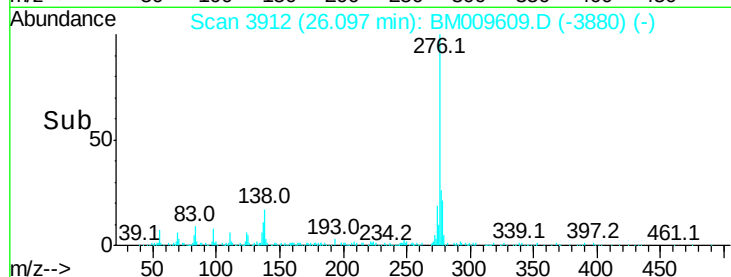
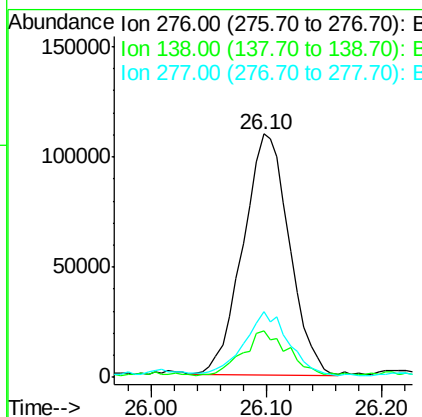
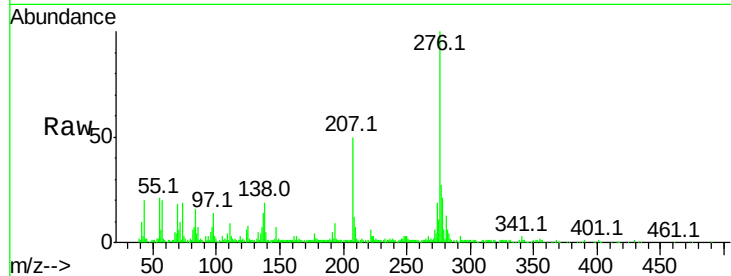
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 4.12 ng/ul
 RT: 26.10 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BM009609.D
 Acq: 07 Apr 2017 00:23

Instrument :
 BNA_M
 ClientSampled :
 CB350

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.8	26.6
277	27.2	19.4	29.0

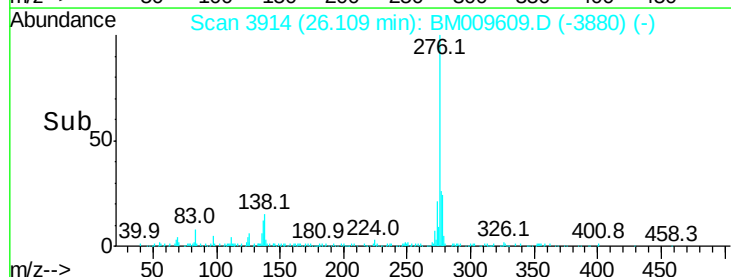
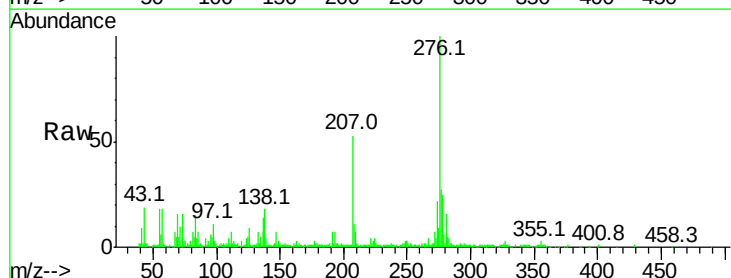
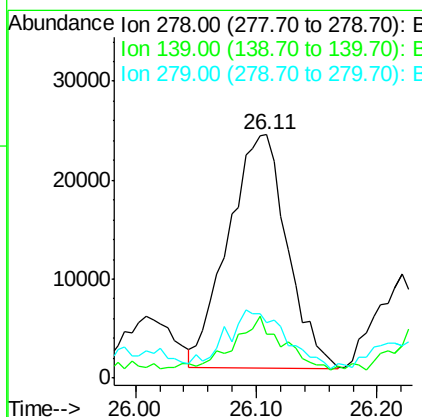
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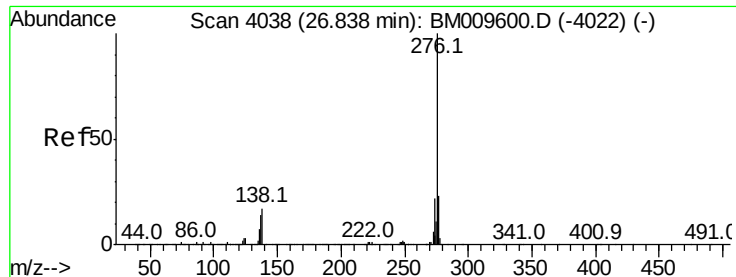
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.27 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: BM009609.D
 Acq: 07 Apr 2017 00:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.0	21.0
279	22.7	20.6	31.0





#30

Benzo(a,h,i)perylene

Concen: 4.80 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM009609.D

Acq: 07 Apr 2017 00:23

Instrument :

BNA_M

ClientSampleId :

CB350

Tot Ion:	276	Resp:	293433
Ion Ratio	Lower	Upper	
276	100		
138	17.7	19.0	28.4#
277	25.2	19.7	29.5

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