

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009611.D
 Acq On : 07 Apr 2017 01:36
 Operator : SJ/MA
 Sample : I2525-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB352

Manual Integrations
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mohammad
 4/7/2017 2:10:44 PM

Quant Time: Apr 07 03:58:00 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	170425	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	668571	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	372981	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	855875m	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1137995m	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1084089	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	228543	22.23	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1083290	29.64	ng/ul	0.00
10) Fluorene-d10	15.48	176	761333	28.96	ng/ul	0.00
15) Anthracene-d10	17.33	188	1200822	29.33	ng/ul	0.00
19) Pyrene-d10	19.63	212	1454820	31.11	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1463173	30.57	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.69	128	45851	1.34	ng/ul#	93
14) Phenanthrene	17.28	178	562660m	11.69	ng/ul	
16) Anthracene	17.37	178	120242	2.42	ng/ul	99
17) Fluoranthene	19.29	202	1046684m	17.47	ng/ul	
20) Pyrene	19.66	202	950792	15.34	ng/ul	96
21) Benzo(a)anthracene	21.40	228	564492m	8.77	ng/ul	
22) Chrysene	21.45	228	531641	9.01	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	789598	11.78	ng/ul#	89
25) Benzo(k)fluoranthene	23.07	252	239520m	3.75	ng/ul	
27) Benzo(a)pyrene	23.64	252	534439	8.38	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	382212	5.35	ng/ul	94
29) Dibenzo(a,h)anthracene	26.10	278	110333m	1.82	ng/ul	
30) Benzo(a,h,i)perylene	26.83	276	365454	6.20	ng/ul#	90

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

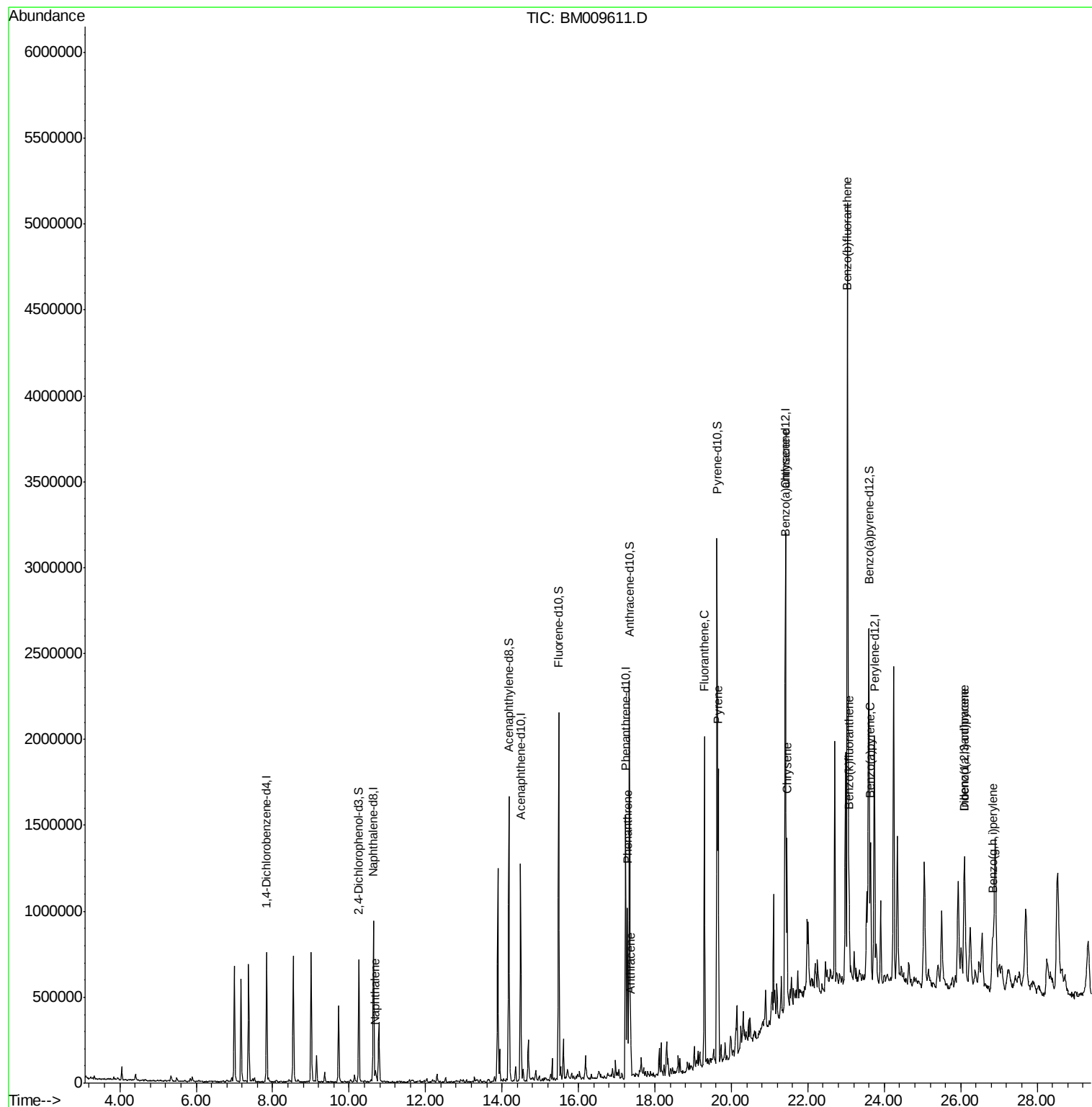
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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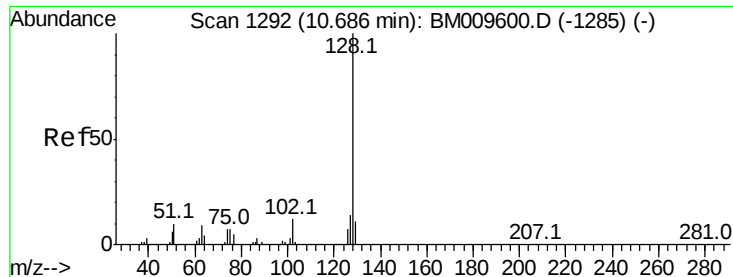
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Quant Title : SVOA CALIBRATION
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#4

Naphthalene

Concen: 1.34 ng/ul

RT: 10.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM009611.D

Acq: 07 Apr 2017 01:36

Instrument :

BNA_M

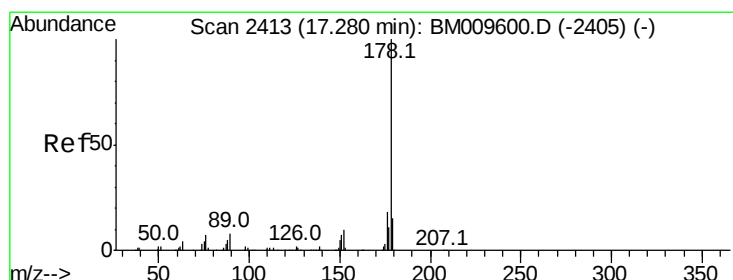
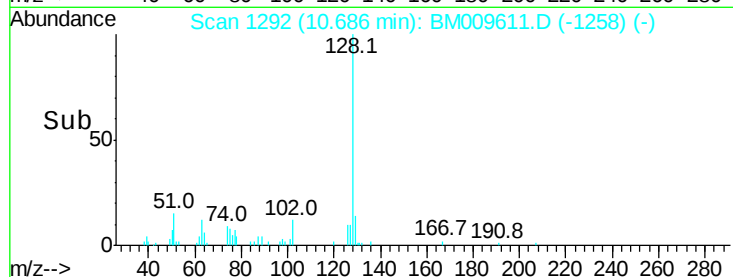
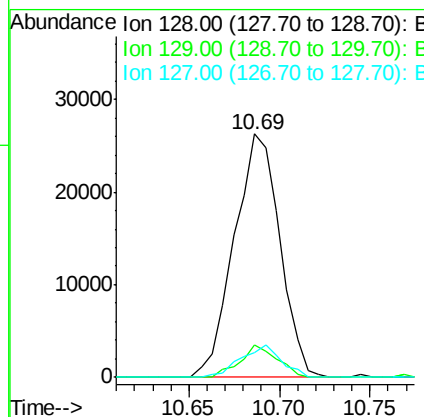
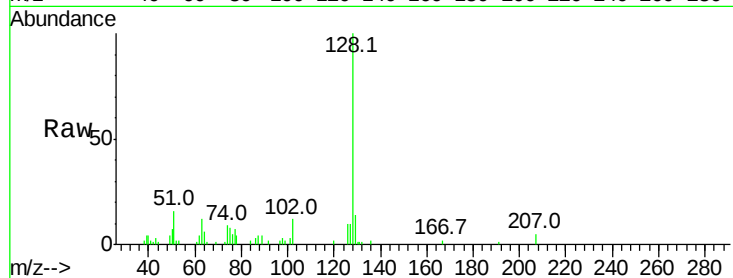
ClientSampleId :

CB352

Tot Ion:	128	Resp:	45851
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.1	13.7
127	10.3	10.6	15.8#

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#14

Phenanthrene

Concen: 11.69 ng/ul m

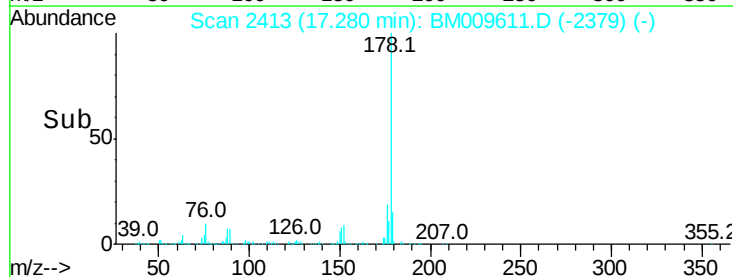
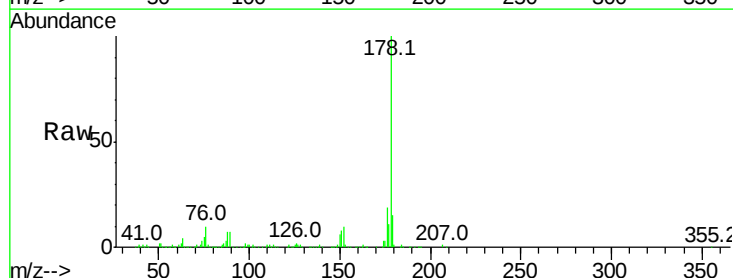
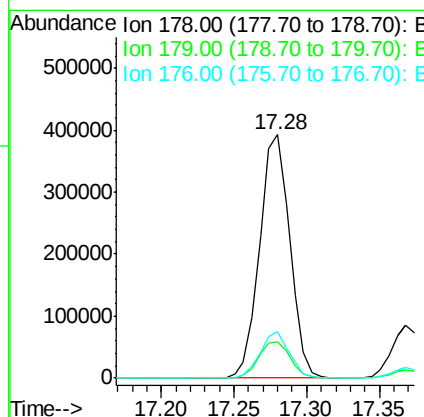
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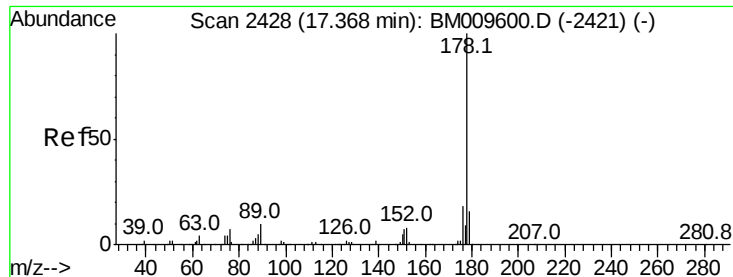
Delta R.T. 0.00 min

Lab File: BM009611.D

Acq: 07 Apr 2017 01:36

Tgt Ion:	178	Resp:	562660
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.2	18.4
176	19.2	16.4	24.6





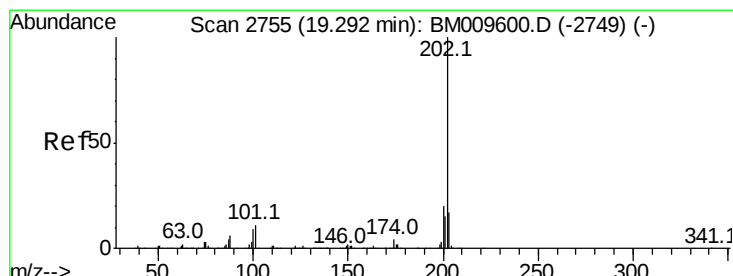
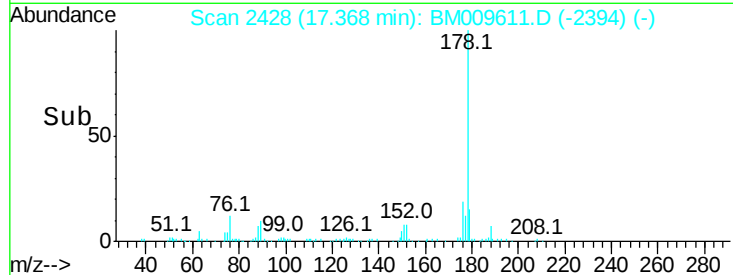
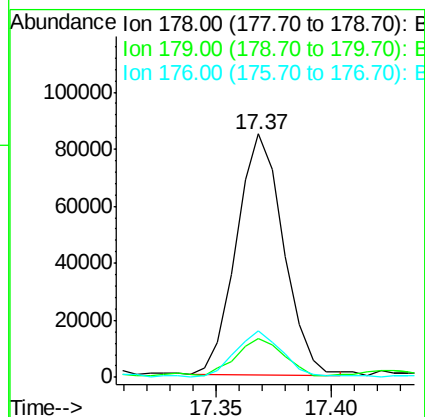
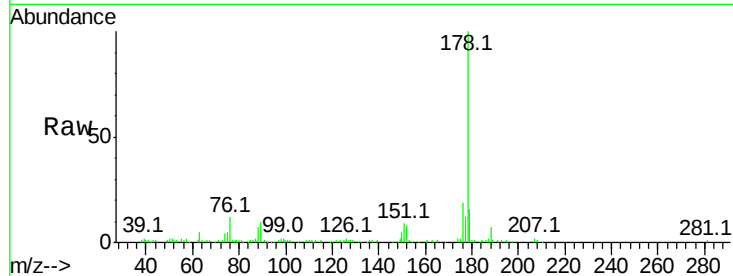
#16
 Anthracene
 Concen: 2.42 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM009611.D
 Acq: 07 Apr 2017 01:36

Instrument :
 BNA_M
 ClientSampled :
 CB352

Tot Ion:	178	Resp:	120242
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.7	19.1
176	19.1	15.8	23.8

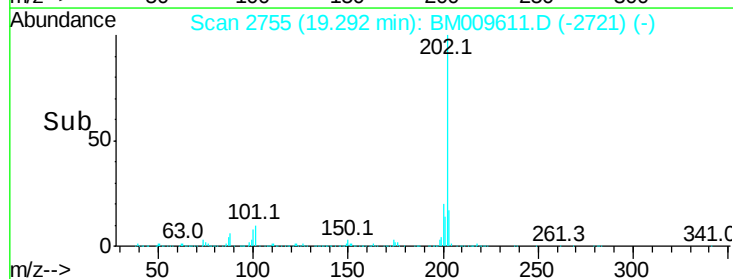
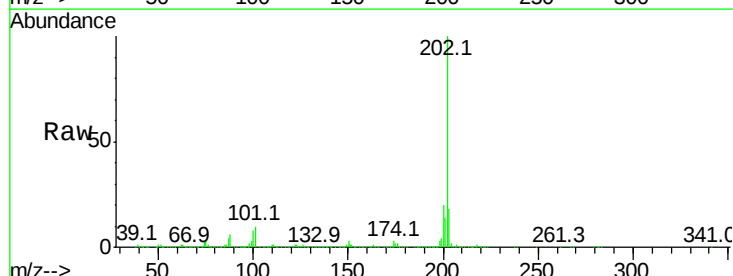
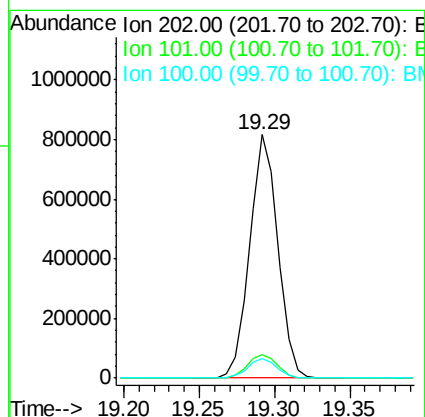
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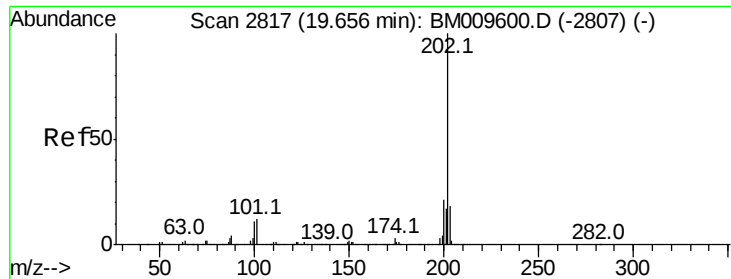
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#17
 Fluoranthene
 Concen: 17.47 ng/ul m
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009611.D
 Acq: 07 Apr 2017 01:36

Tgt Ion:	202	Resp:	1046684
Ion Ratio	Lower	Upper	
202	100		
101	9.7	9.8	14.8#
100	8.2	7.5	11.3





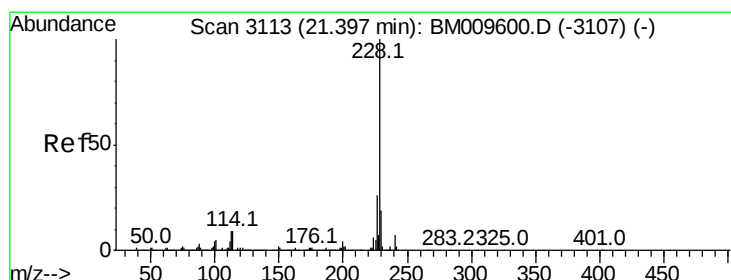
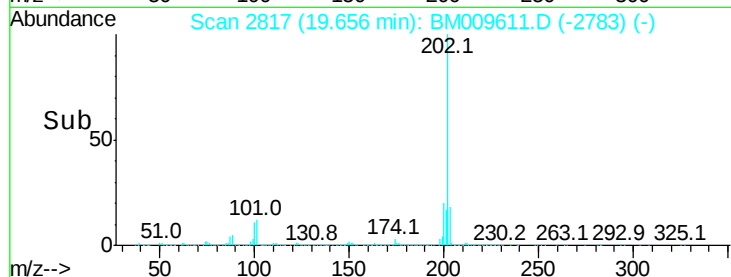
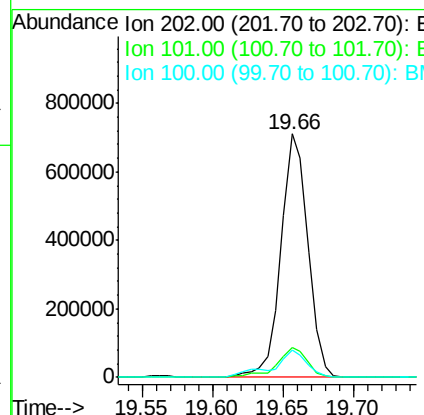
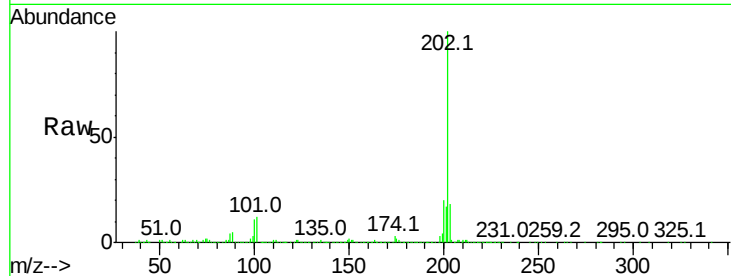
#20
Pvrene
Concen: 15.34 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	11.2	16.8
100	11.2	9.8	14.6

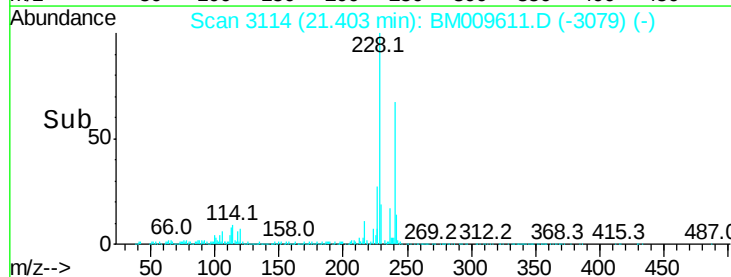
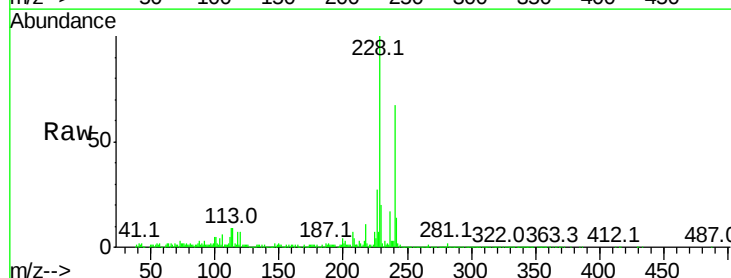
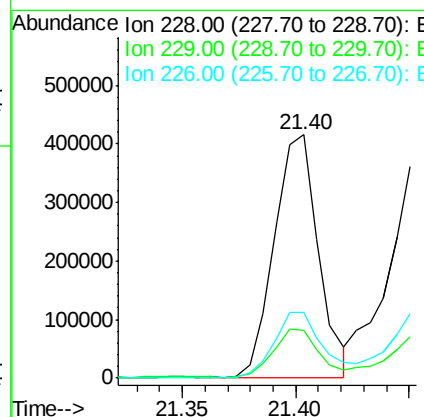
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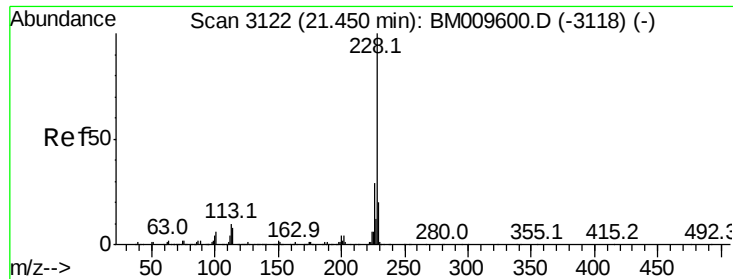
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#21
Benzo(a)anthracene
Concen: 8.77 ng/ul m
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	15.9	23.9
226	26.9	22.1	33.1





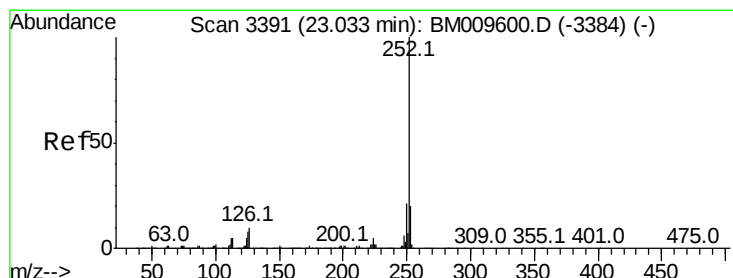
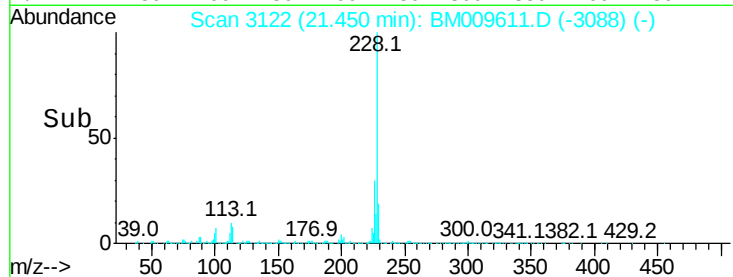
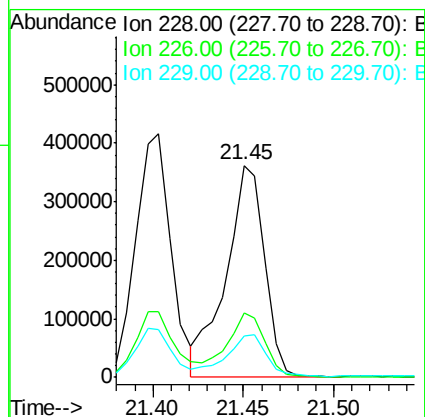
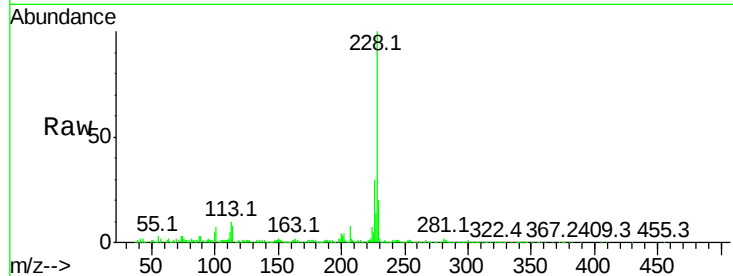
#22
Chrysene
Concen: 9.01 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tot Ion:	228	Resp:	531641
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	19.6	16.6	25.0

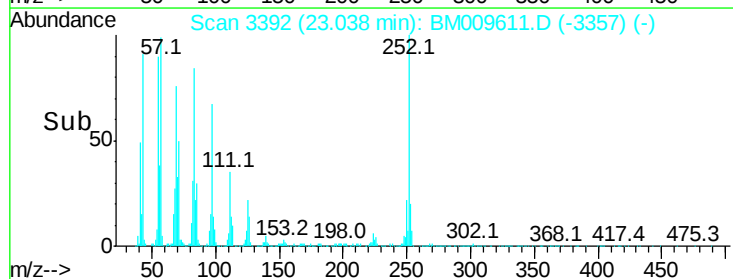
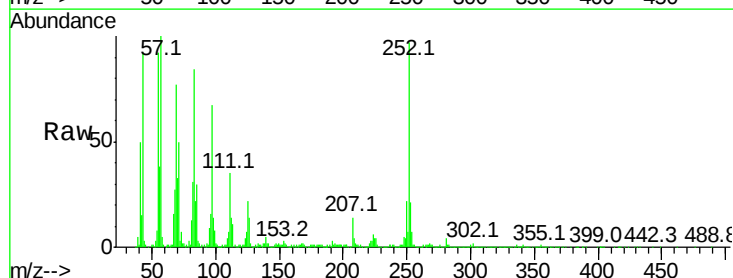
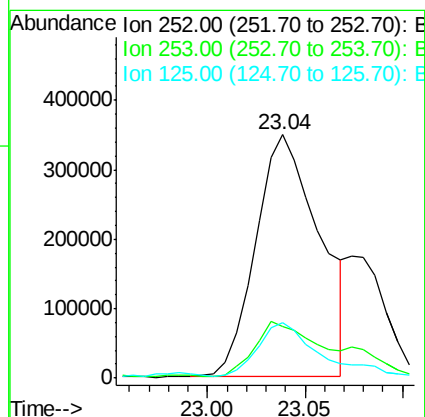
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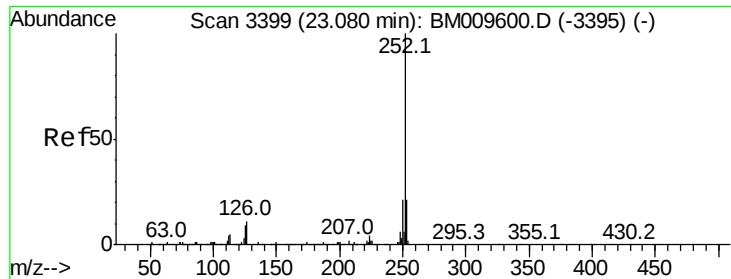
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#24
Benzo(b)fluoranthene
Concen: 11.78 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion:	252	Resp:	789598
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.8	26.6
125	22.6	9.4	14.0#





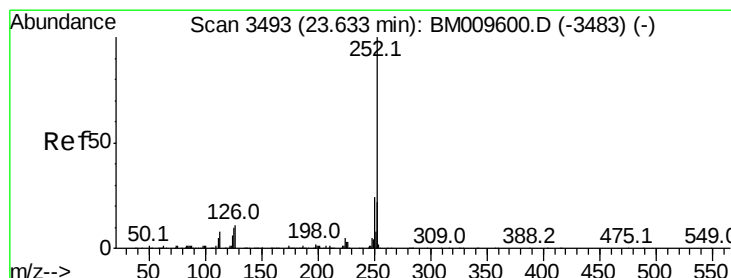
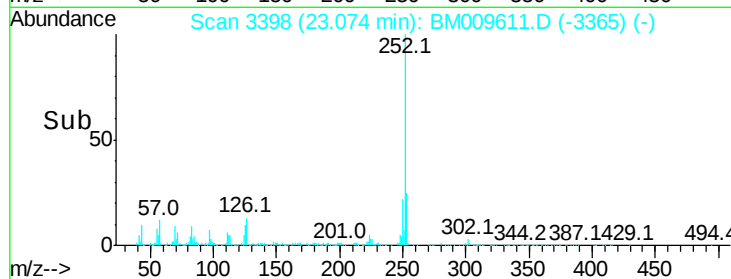
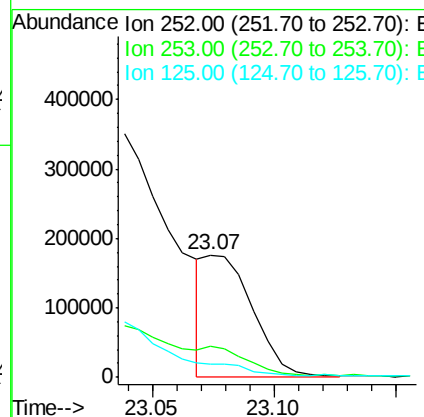
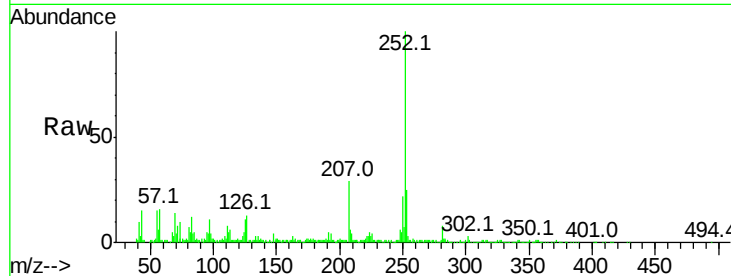
#25
Benzo(k)fluoranthene
Concen: 3.75 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	11.1	8.8	13.2

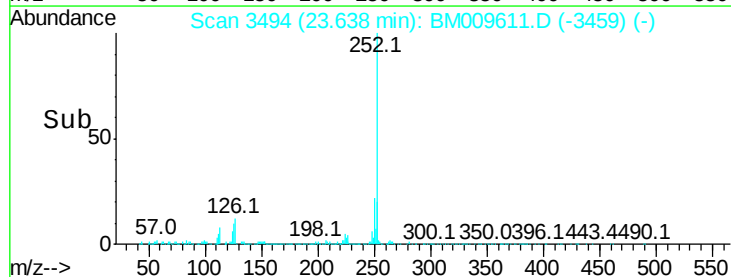
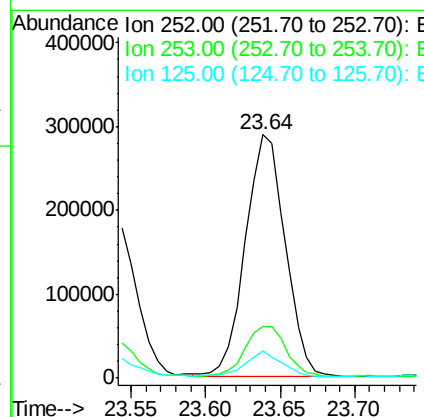
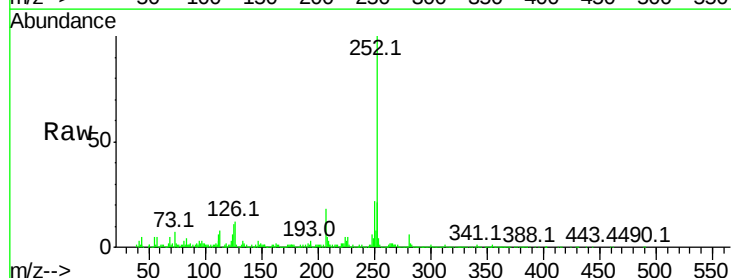
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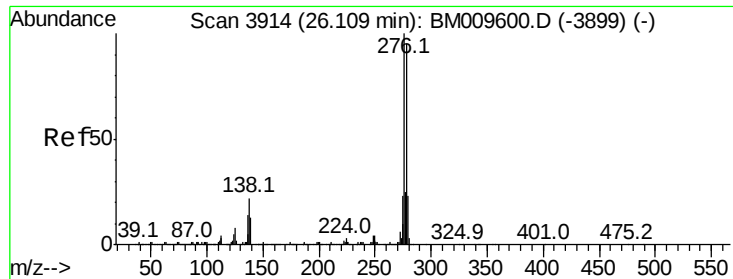
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#27
Benzo(a)pyrene
Concen: 8.38 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	11.0	9.4	14.2





#28

Indeno(1,2,3-cd)pyrene

Concen: 5.35 ng/ul

RT: 26.10 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM009611.D

Acq: 07 Apr 2017 01:36

Instrument :

BNA_M

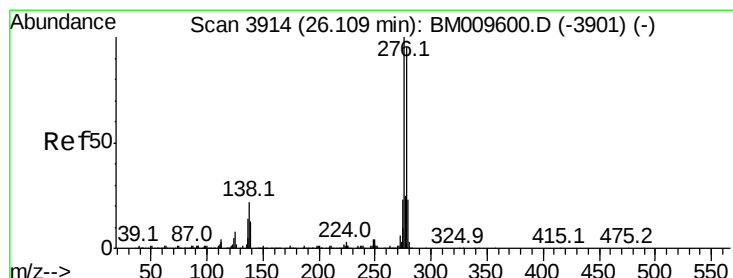
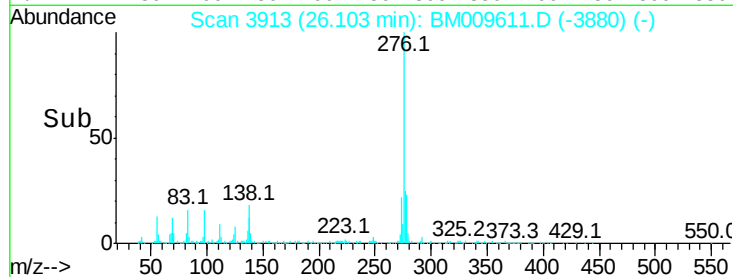
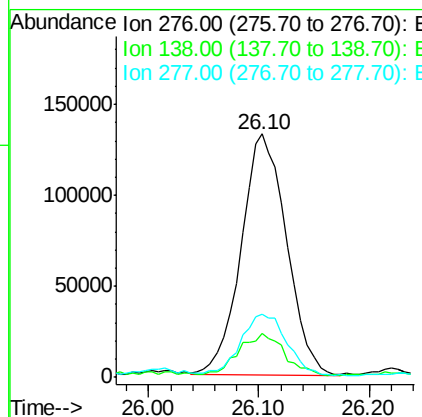
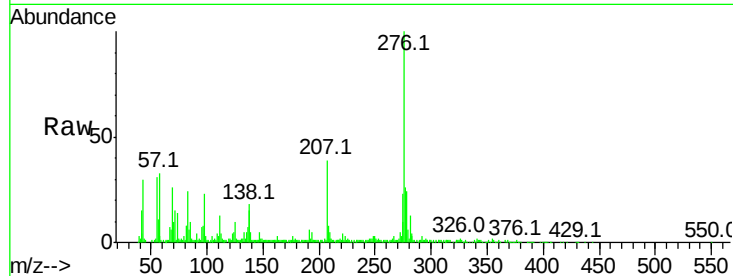
ClientSampleId :

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Tot Ion:	276	Resp:	382212
Ion Ratio	Lower	Upper	
276	100		
138	18.2	17.8	26.6
277	26.0	19.4	29.0

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#29

Dibenzo(a,h)anthracene

Concen: 1.82 ng/ul m

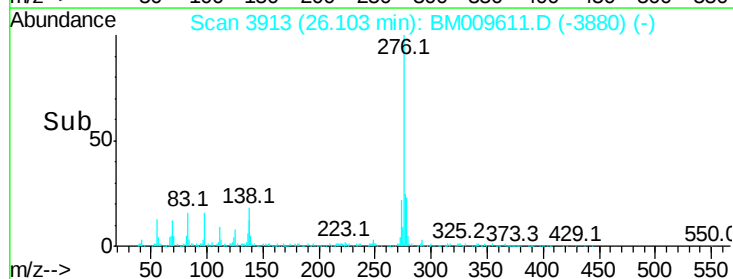
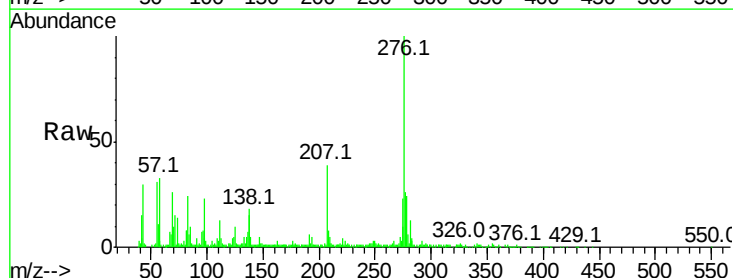
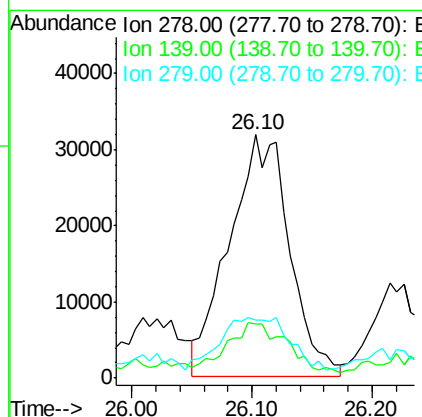
RT: 26.10 min Scan# 3913

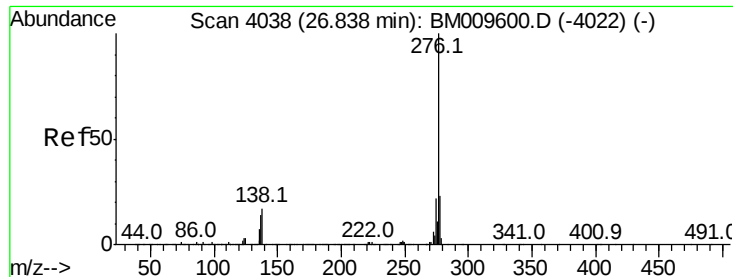
Delta R.T. -0.01 min

Lab File: BM009611.D

Acq: 07 Apr 2017 01:36

Tgt Ion:	278	Resp:	110333
Ion Ratio	Lower	Upper	
278	100		
139	22.2	14.0	21.0#
279	23.6	20.6	31.0





#30

Benzo(a,h,i)perylene

Concen: 6.20 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM009611.D

Acq: 07 Apr 2017 01:36

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:	276	Resp:	365454
Ion Ratio	Lower	Upper	
276	100		
138	17.7	19.0	28.4#
277	20.5	19.7	29.5

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