

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009604.D
 Acq On : 06 Apr 2017 21:23
 Operator : SJ/MA
 Sample : I2526-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB375

Manual Integrations
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Quant Time: Apr 07 03:32:49 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	139820	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	557407	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	323978	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	758660	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1009753	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	953671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	133604	15.59	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	856849	26.99	ng/ul	0.00
10) Fluorene-d10	15.48	176	608993	26.67	ng/ul	0.00
15) Anthracene-d10	17.33	188	974745	26.85	ng/ul	0.00
19) Pyrene-d10	19.63	212	1212991	29.23	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1221193	29.00	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.20	152	32830	1.03	ng/ul	96
14) Phenanthrene	17.27	178	403317	9.46	ng/ul	97
16) Anthracene	17.37	178	105129	2.38	ng/ul	98
17) Fluoranthene	19.29	202	1454214	27.38	ng/ul	95
20) Pyrene	19.66	202	1470562	26.75	ng/ul	95
21) Benzo(a)anthracene	21.40	228	1063533	18.63	ng/ul	99
22) Chrysene	21.45	228	956767	18.28	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	1507076	25.55	ng/ul	98
25) Benzo(k)fluoranthene	23.07	252	449496m	8.00	ng/ul	
27) Benzo(a)pyrene	23.64	252	1012877m	18.06	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.10	276	682172	10.85	ng/ul	96
29) Dibenzo(a,h)anthracene	26.11	278	170936	3.20	ng/ul	91
30) Benzo(a,h,i)perylene	26.83	276	642188	12.39	ng/ul#	94

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

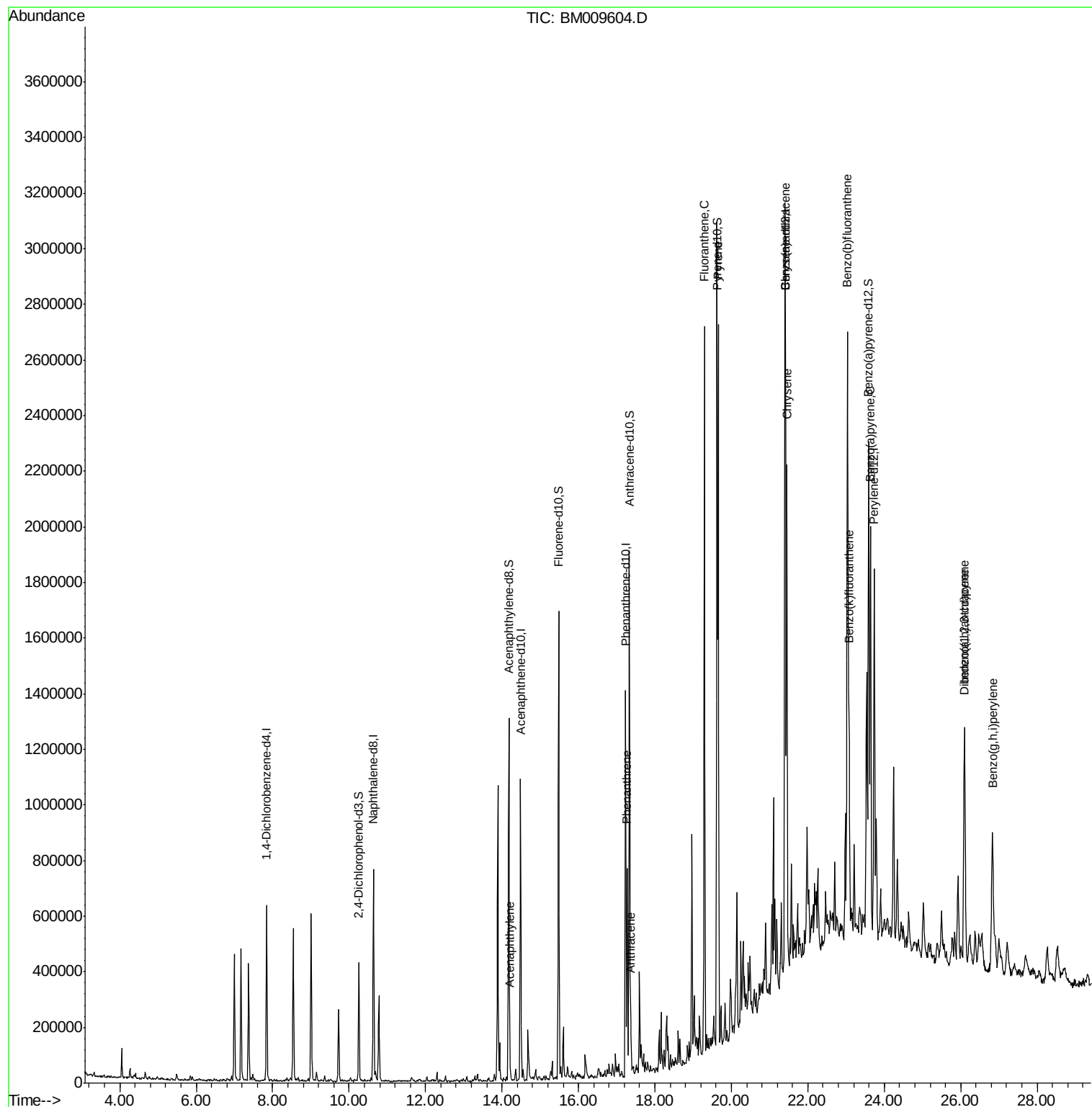
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009604.D
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ALS Vial : 21 Sample Multiplier: 1

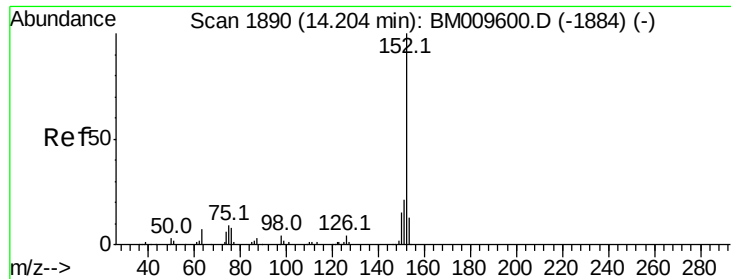
Instrument :
BNA_M
ClientSampled :
CB375

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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





#8

Acenaphthylene

Concen: 1.03 ng/ul

RT: 14.20 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Instrument :

BNA_M

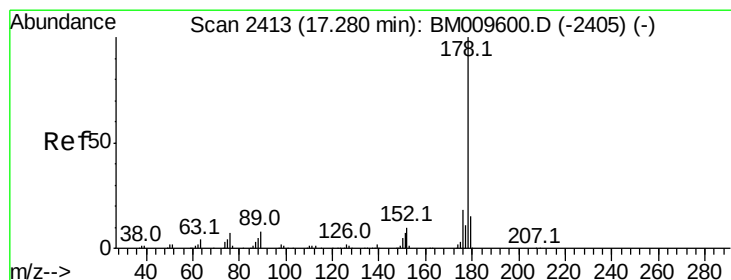
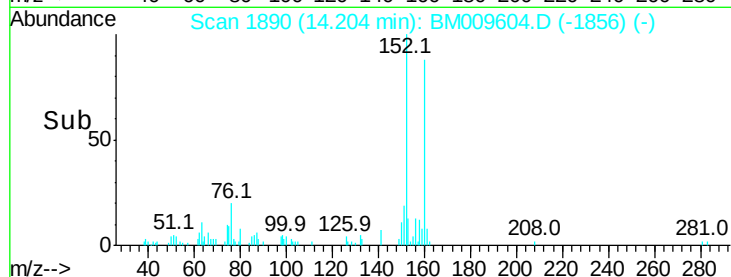
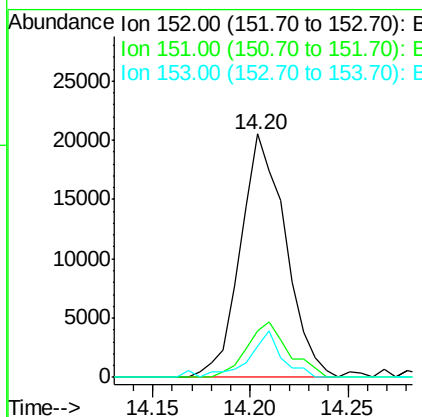
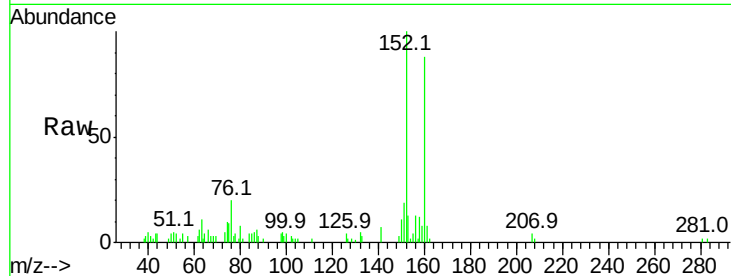
ClientSampled :

CB375

Tot Ion:	152	Resp:	32830
Ion Ratio	Lower	Upper	
152	100		
151	19.3	17.5	26.3
153	12.9	10.6	16.0

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#14

Phenanthrene

Concen: 9.46 ng/ul

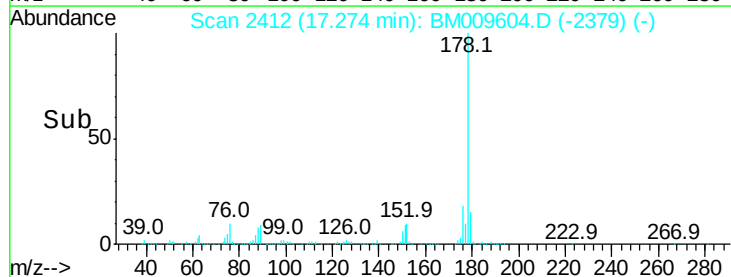
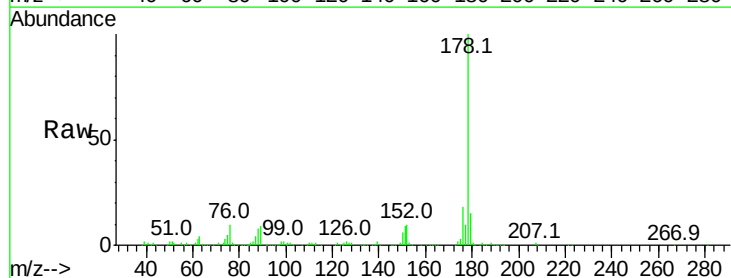
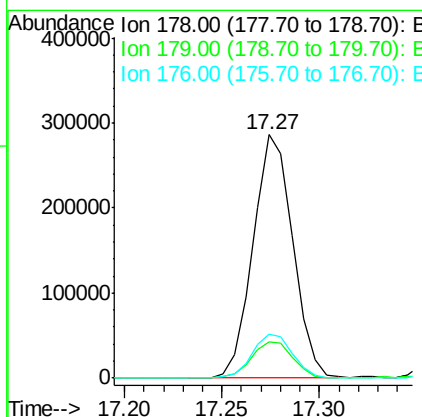
RT: 17.27 min Scan# 2412

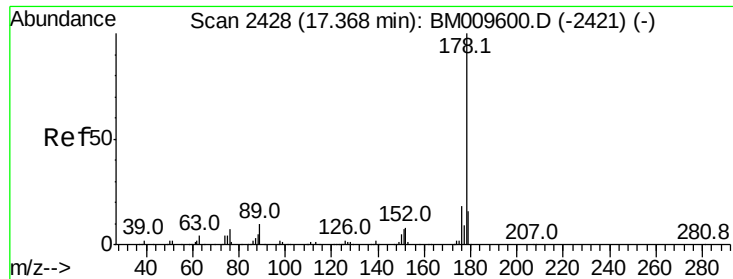
Delta R.T. -0.01 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Tgt Ion:	178	Resp:	403317
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	18.2	16.4	24.6





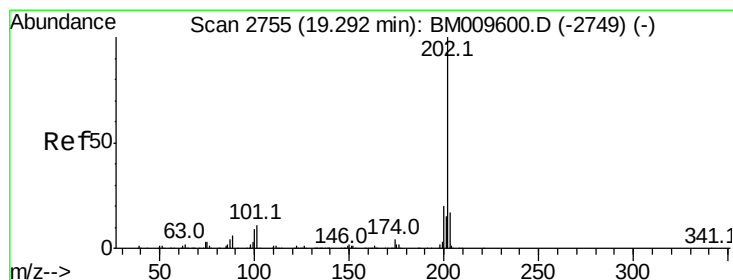
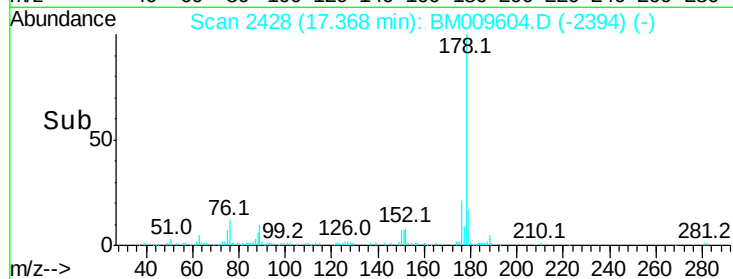
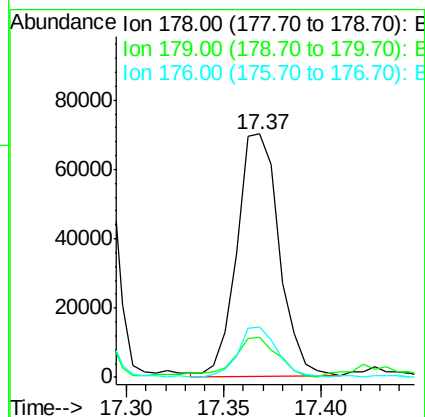
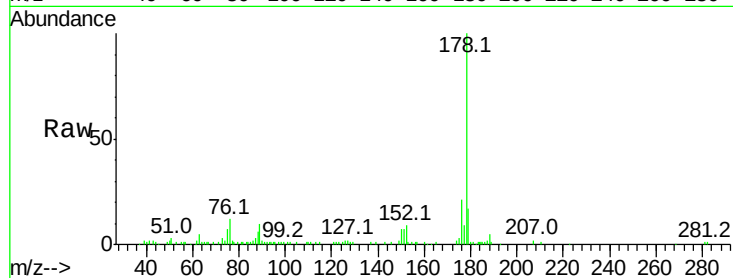
#16
 Anthracene
 Concen: 2.38 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM009604.D
 Acq: 06 Apr 2017 21:23

Instrument :
 BNA_M
 ClientSampleId :
 CB375

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.7	19.1
176	20.5	15.8	23.8

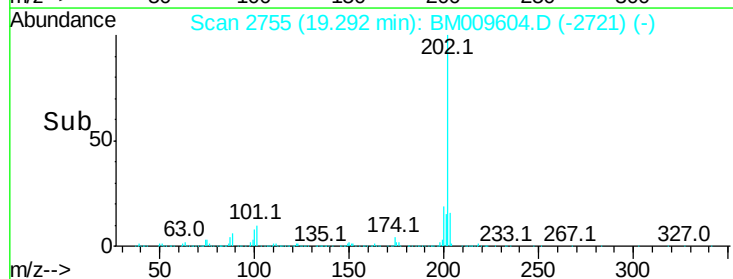
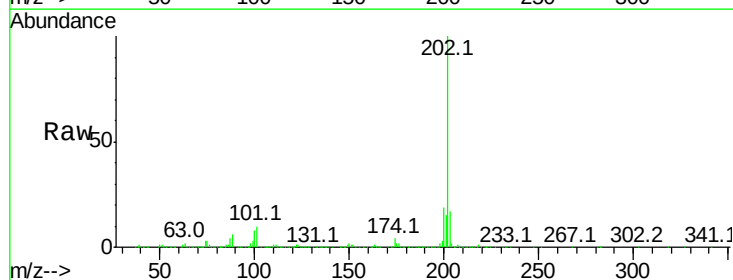
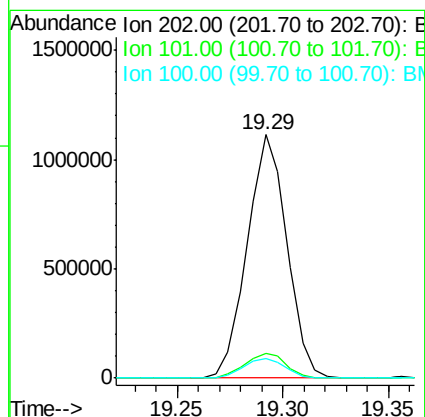
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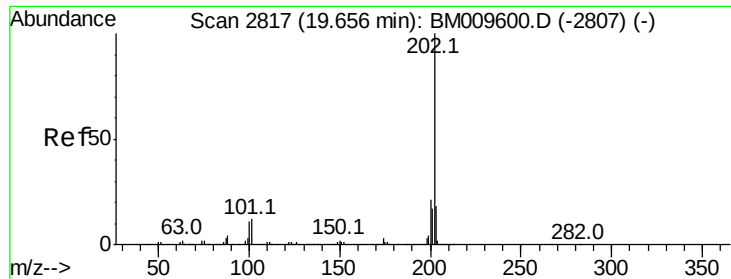
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#17
 Fluoranthene
 Concen: 27.38 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009604.D
 Acq: 06 Apr 2017 21:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
100	8.3	7.5	11.3





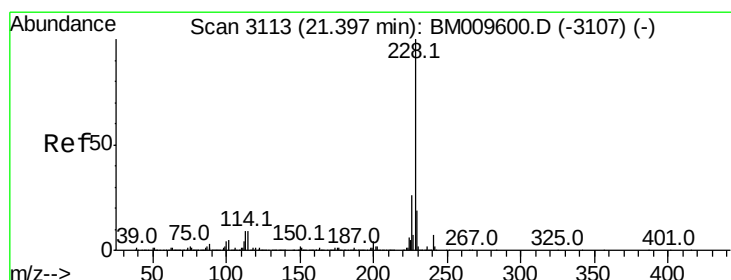
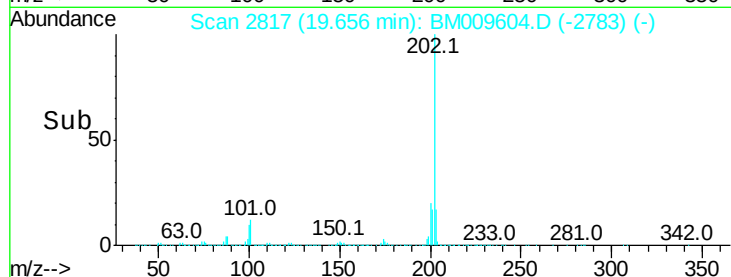
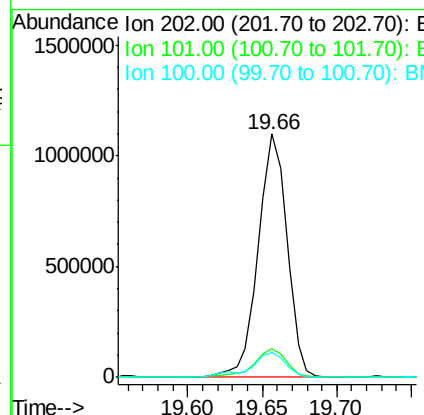
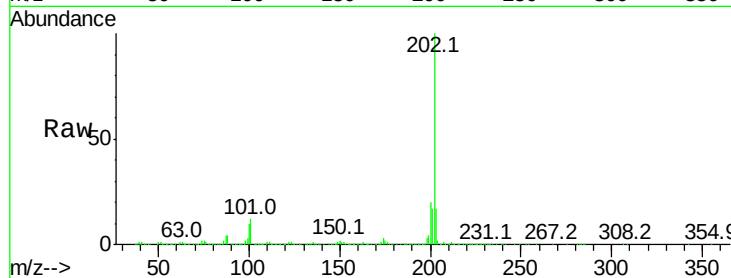
#20
Pvrene
Concen: 26.75 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009604.D
Acq: 06 Apr 2017 21:23

Instrument :
BNA_M
ClientSampleId :
CB375

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.2	16.8
100	10.4	9.8	14.6

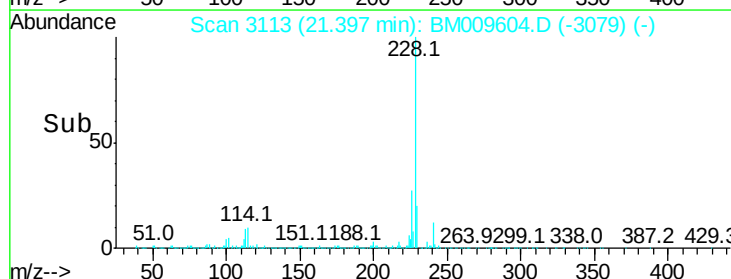
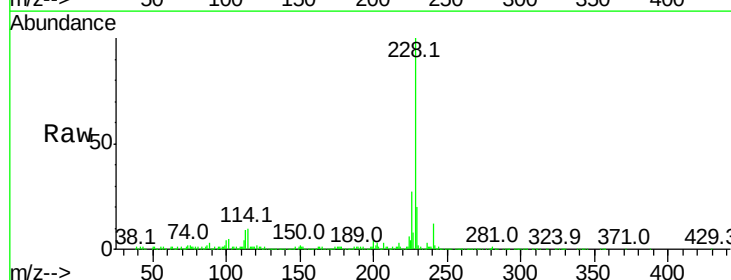
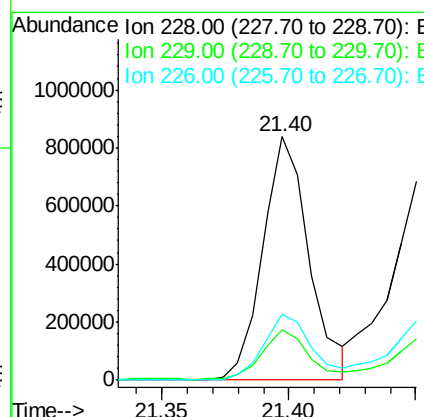
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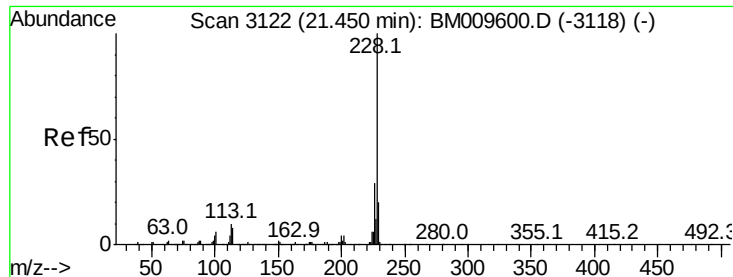
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#21
Benzo(a)anthracene
Concen: 18.63 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009604.D
Acq: 06 Apr 2017 21:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	26.8	22.1	33.1





#22

Chrysene

Concen: 18.28 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Instrument :

BNA_M

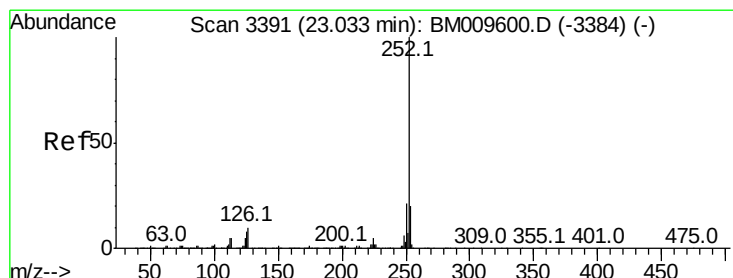
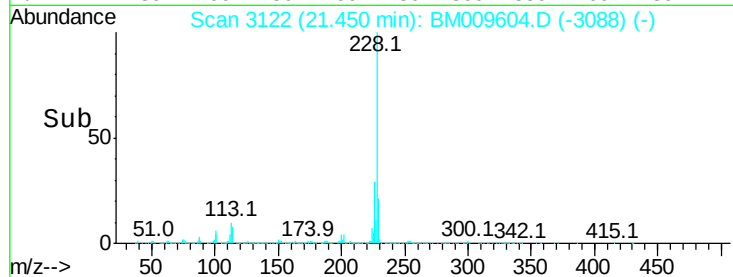
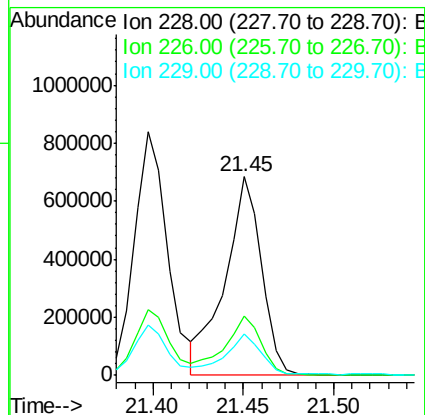
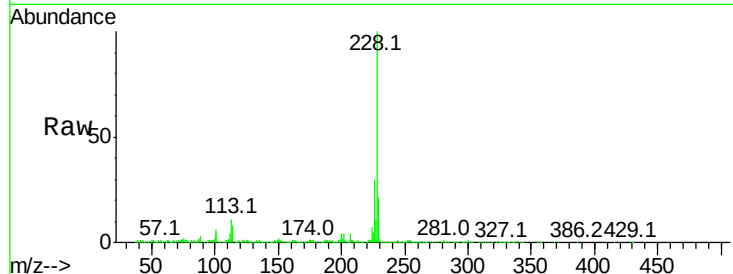
ClientSampleId :

CB375

Tot Ion:	228	Resp:	956767
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	20.8	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 25.55 ng/ul

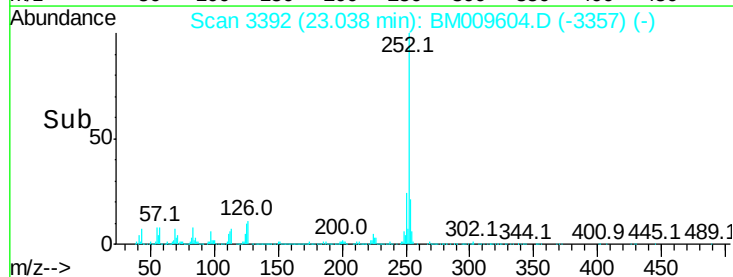
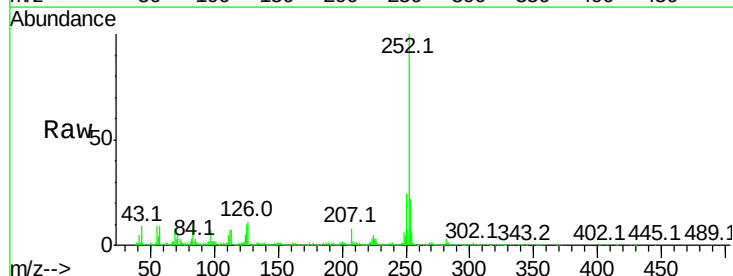
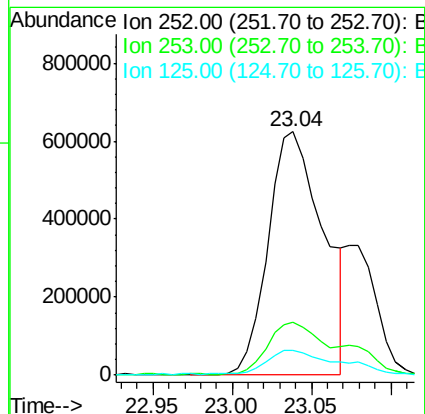
RT: 23.04 min Scan# 3392

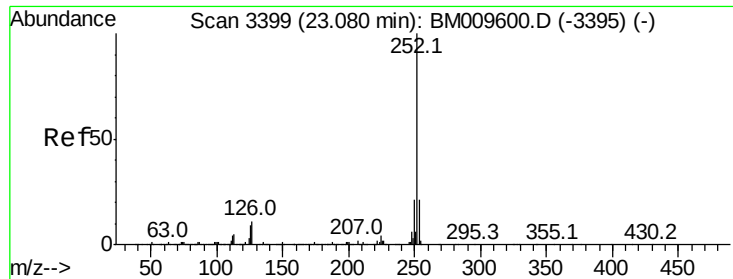
Delta R.T. 0.01 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Tgt Ion:	252	Resp:	1507076
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	10.3	9.4	14.0





#25

Benzo(k)fluoranthene

Concen: 8.00 ng/ul m

RT: 23.07 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Instrument :

BNA_M

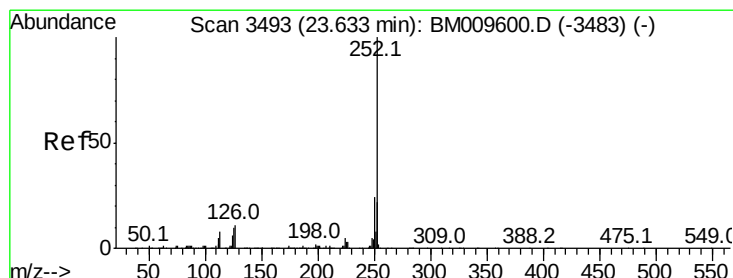
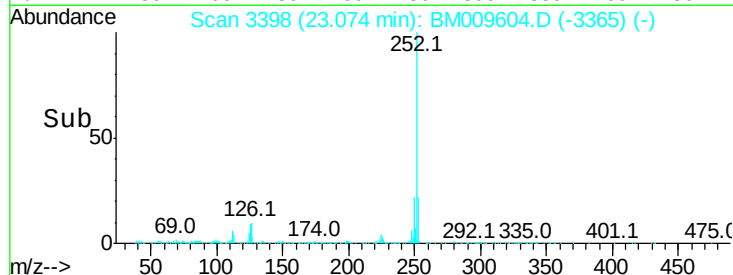
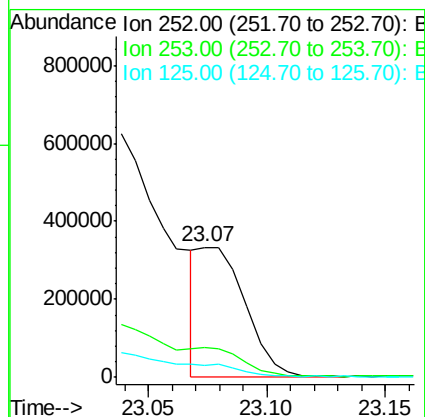
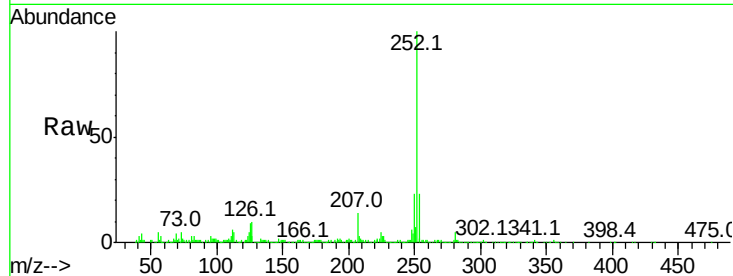
ClientSampleId :

CB375

Tot Ion:	252	Resp:	449496
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.2
125	9.3	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 18.06 ng/ul m

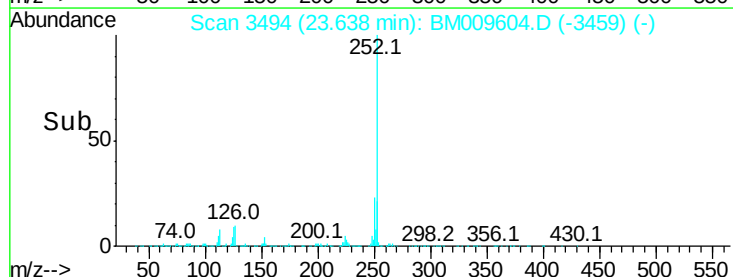
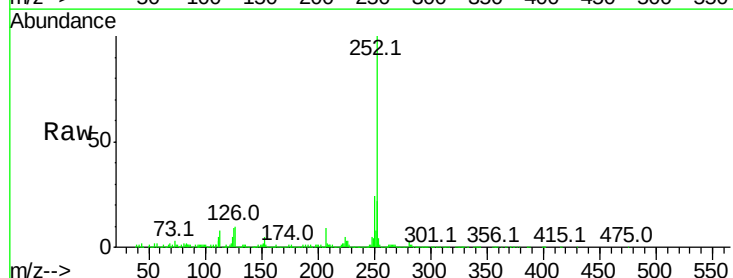
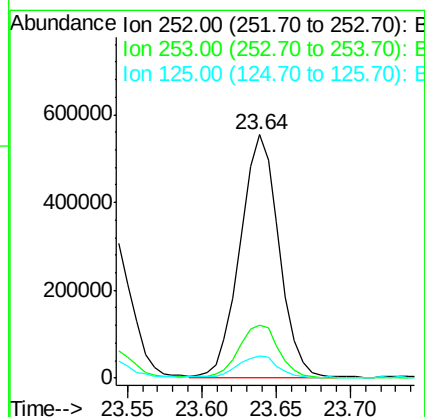
RT: 23.64 min Scan# 3494

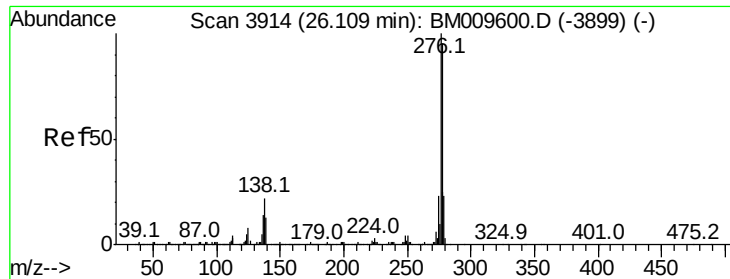
Delta R.T. 0.01 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Tgt Ion:	252	Resp:	1012877
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	9.3	9.4	14.2#





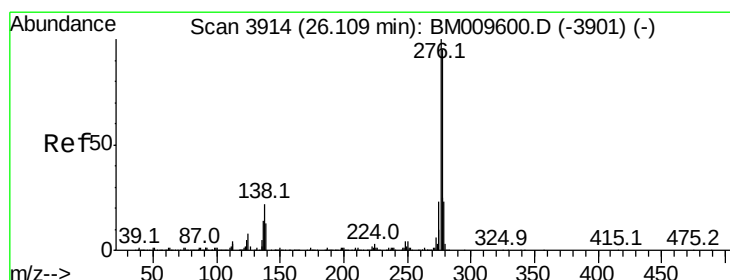
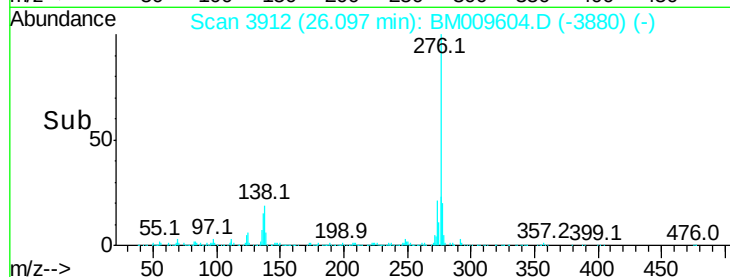
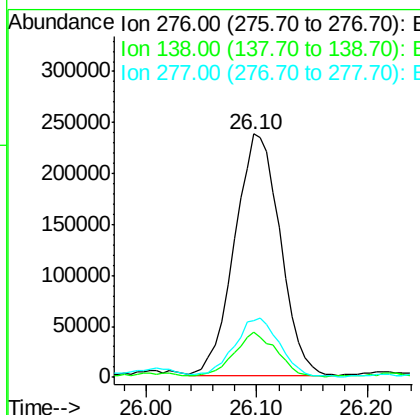
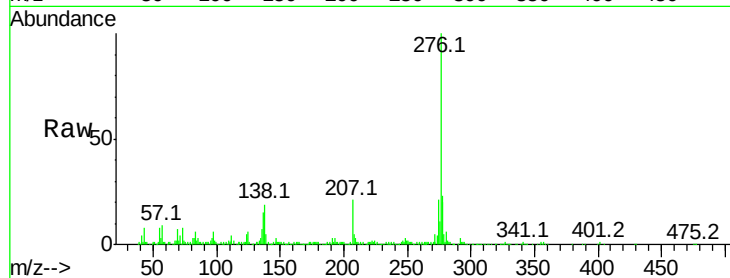
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 10.85 ng/ul
 RT: 26.10 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BM009604.D
 Acq: 06 Apr 2017 21:23

Instrument :
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 CB375

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.8	26.6
277	23.3	19.4	29.0

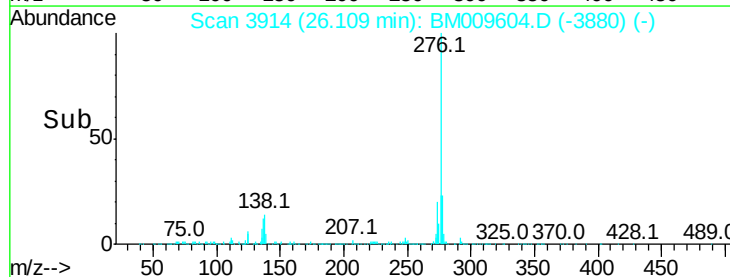
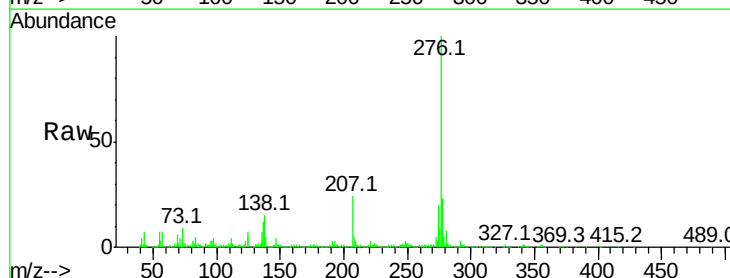
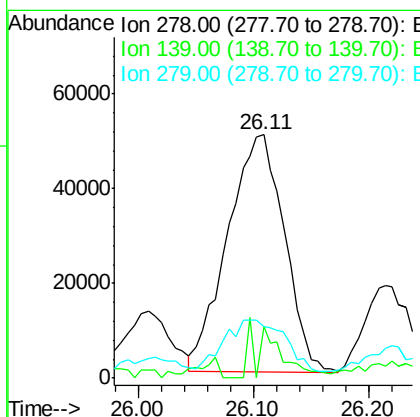
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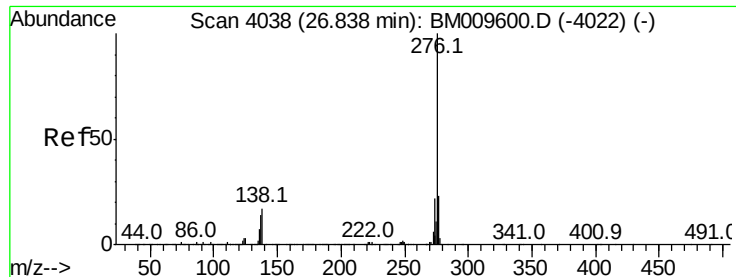
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#29
 Dibenzo(a,h)anthracene
 Concen: 3.20 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: BM009604.D
 Acq: 06 Apr 2017 21:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.0	21.0
279	21.0	20.6	31.0





#30

Benzo(a,h,i)perylene

Concen: 12.39 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM009604.D

Acq: 06 Apr 2017 21:23

Instrument :

BNA_M

ClientSampleId :

CB375

Tot Ion: 276 Resp: 642188

Ion Ratio Lower Upper

276 100

138 17.5 19.0 28.4#

277 24.8 19.7 29.5

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