

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
 Data File : BM009635.D
 Acq On : 07 Apr 2017 18:50
 Operator : SJ/MA
 Sample : I2526-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB390

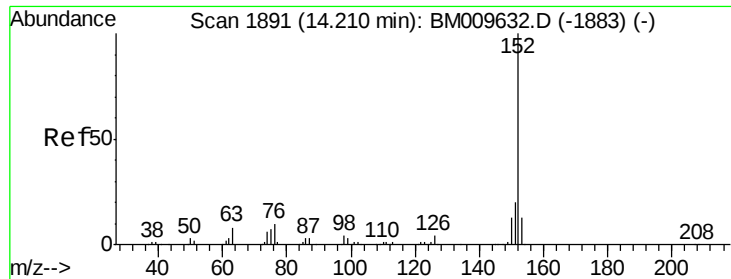
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Quant Time: Apr 07 19:23:59 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	162002	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	657237	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	373663	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	846462	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1063723	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1020662	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	158213	15.66	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1126645	30.77	ng/ul	0.00
10) Fluorene-d10	15.48	176	798808	30.33	ng/ul	0.00
15) Anthracene-d10	17.33	188	1262033	31.16	ng/ul	0.00
19) Pyrene-d10	19.63	212	1450636	33.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1415302	31.41	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.21	152	55900	1.52	ng/ul#	94
14) Phenanthrene	17.28	178	643164	13.51	ng/ul	97
16) Anthracene	17.37	178	153000	3.11	ng/ul	95
17) Fluoranthene	19.30	202	1411182	23.81	ng/ul	95
20) Pyrene	19.66	202	1377397	23.78	ng/ul	96
21) Benzo(a)anthracene	21.40	228	815897	13.57	ng/ul	97
22) Chrysene	21.46	228	788544	14.30	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	1085281	17.19	ng/ul#	92
25) Benzo(k)fluoranthene	23.08	252	406633m	6.76	ng/ul	
27) Benzo(a)pyrene	23.64	252	791018	13.18	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.11	276	561095	8.34	ng/ul#	93
29) Dibenzo(a,h)anthracene	26.11	278	157187m	2.75	ng/ul	
30) Benzo(g,h,i)perylene	26.84	276	506408	9.13	ng/ul#	92

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



#8

Acenaphthylene

Concen: 1.52 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

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BNA_M

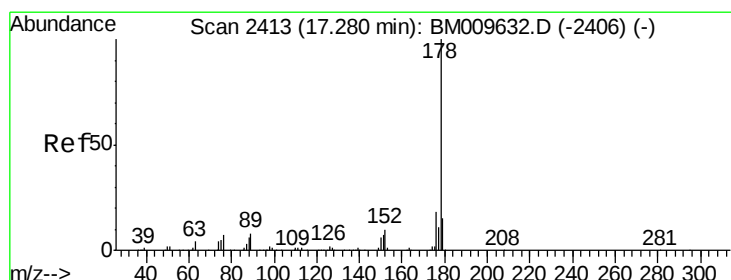
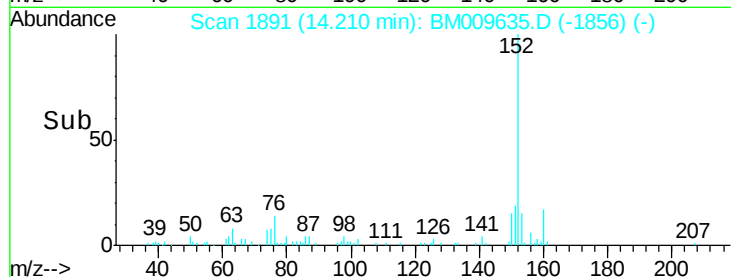
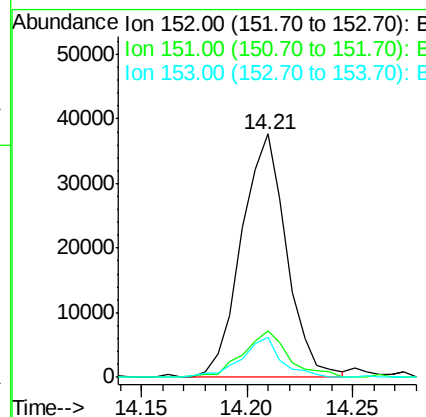
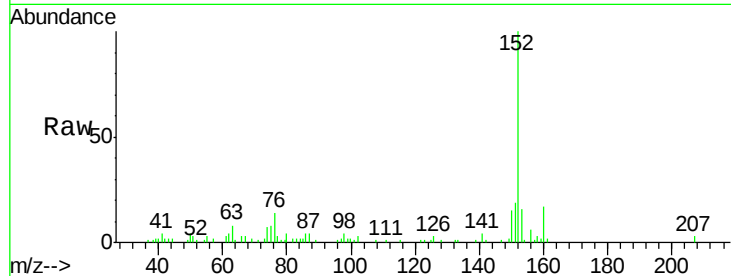
ClientSampleId :

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Tgt Ion:	152	Resp:	55900
Ion Ratio	Lower	Upper	
152	100		
151	19.3	17.5	26.3
153	16.3	10.6	16.0

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#14

Phenanthrene

Concen: 13.51 ng/ul

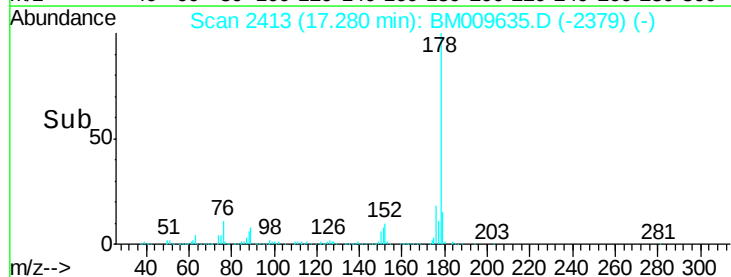
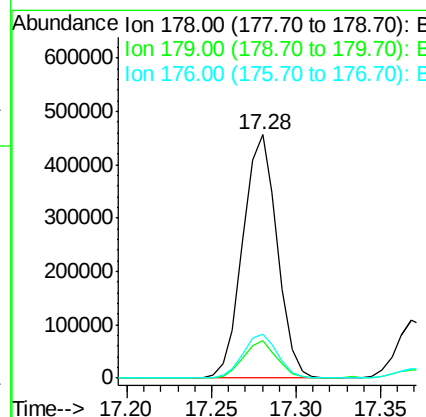
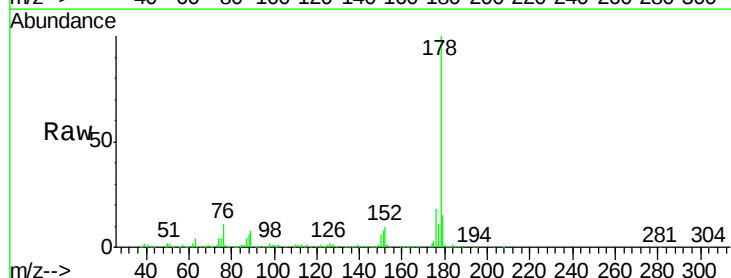
RT: 17.28 min Scan# 2413

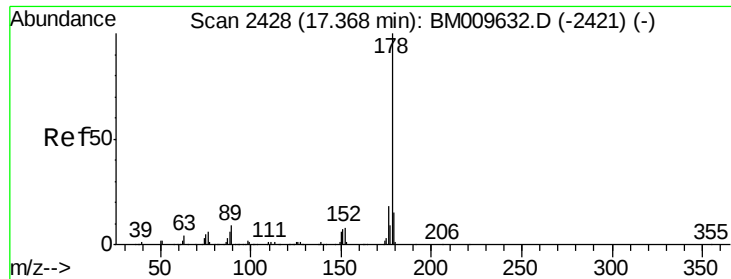
Delta R.T. 0.00 min

Lab File: BM009635.D

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Tgt Ion:	178	Resp:	643164
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	17.8	16.4	24.6





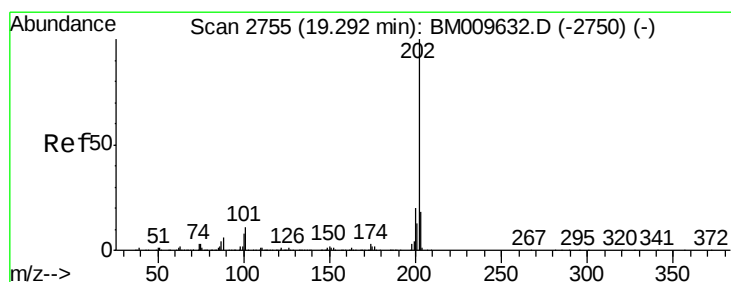
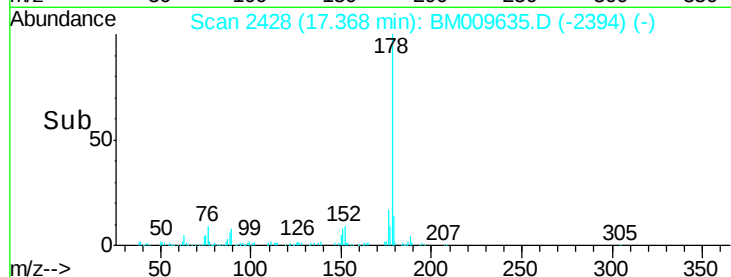
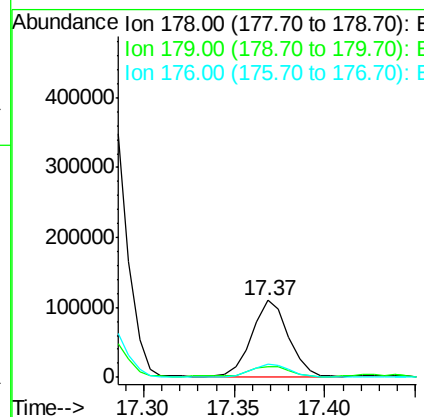
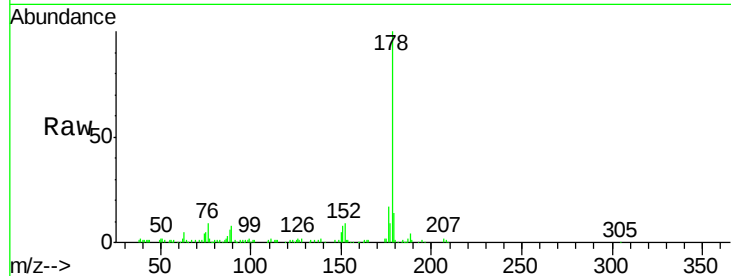
#16
 Anthracene
 Concen: 3.11 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM009635.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.7	19.1
176	17.0	15.8	23.8

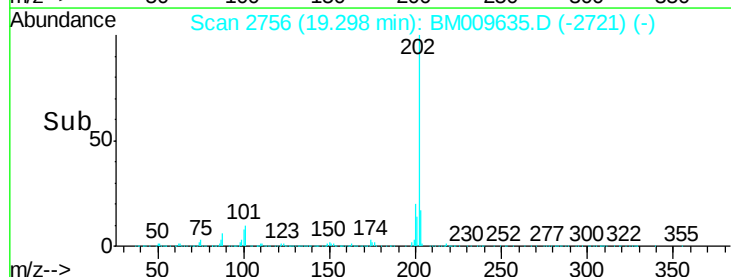
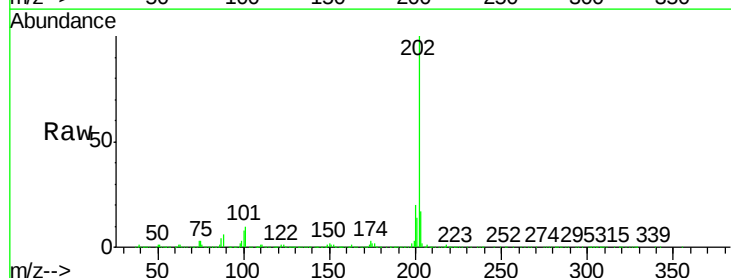
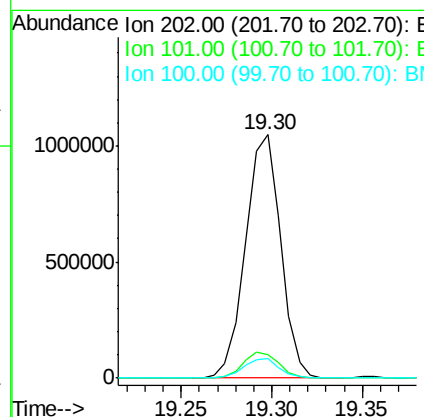
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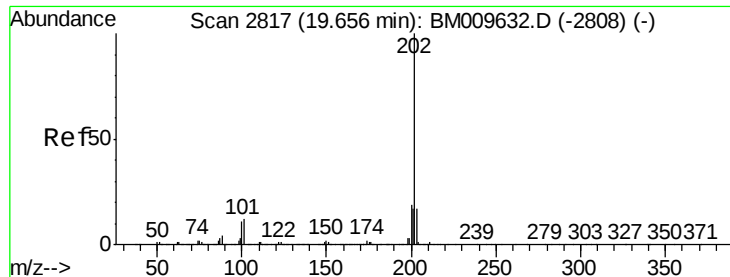
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#17
 Fluoranthene
 Concen: 23.81 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. 0.01 min
 Lab File: BM009635.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
100	8.1	7.5	11.3





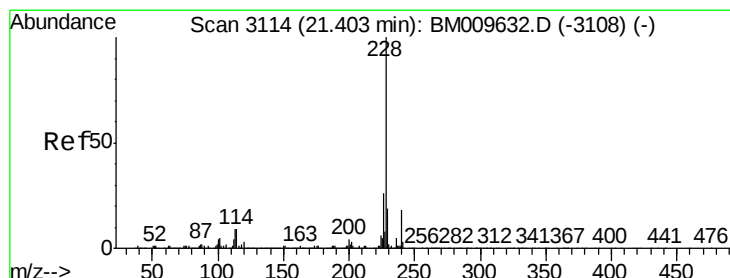
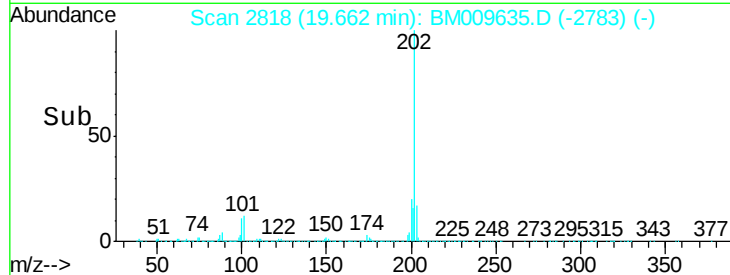
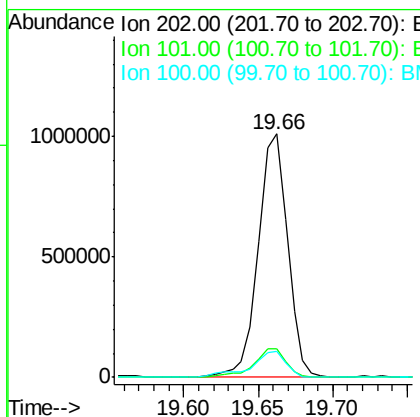
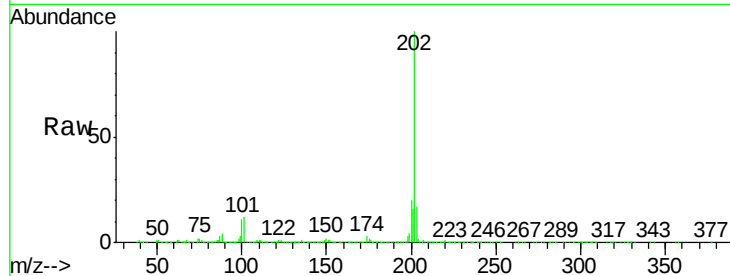
#20
Pyrene
Concen: 23.78 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009635.D
Acq: 07 Apr 2017 18:50

Instrument :
BNA_M
ClientSampled :
CB390

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.2	16.8
100	10.9	9.8	14.6

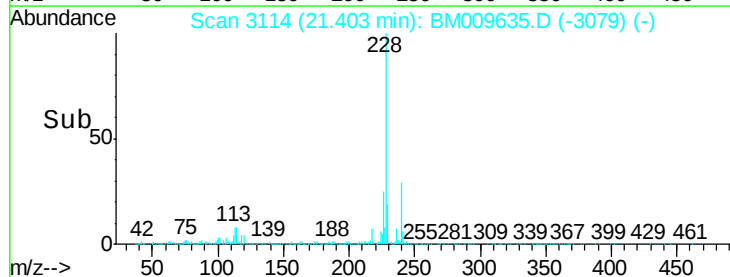
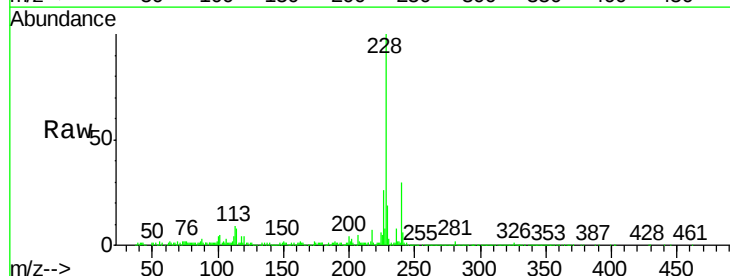
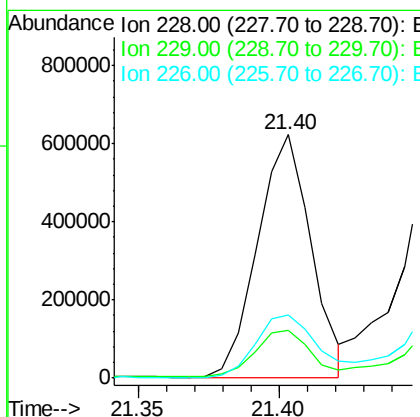
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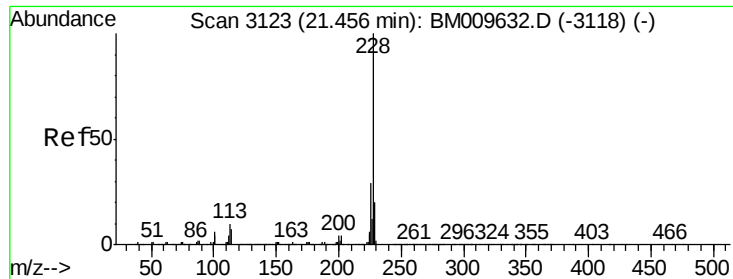
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#21
Benzo(a)anthracene
Concen: 13.57 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009635.D
Acq: 07 Apr 2017 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	25.7	22.1	33.1





#22

Chrysene

Concen: 14.30 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM009635.D

Acq: 07 Apr 2017 18:50

Instrument :

BNA_M

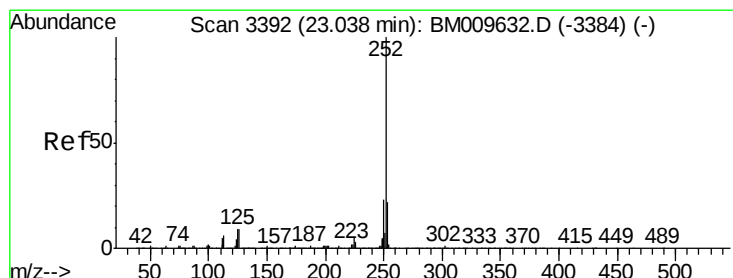
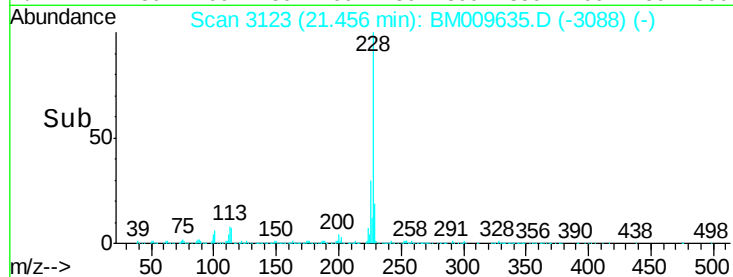
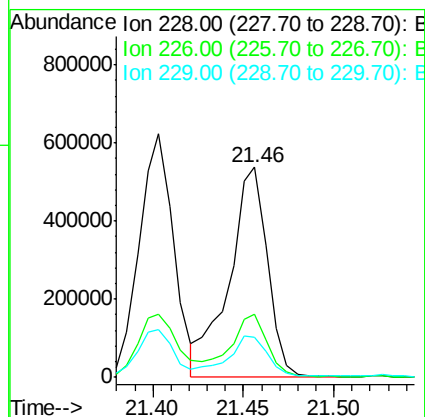
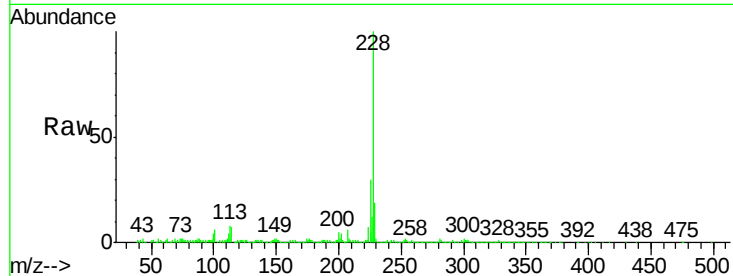
ClientSampleId :

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Tgt Ion:	228	Resp:	788544
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	19.3	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 17.19 ng/ul

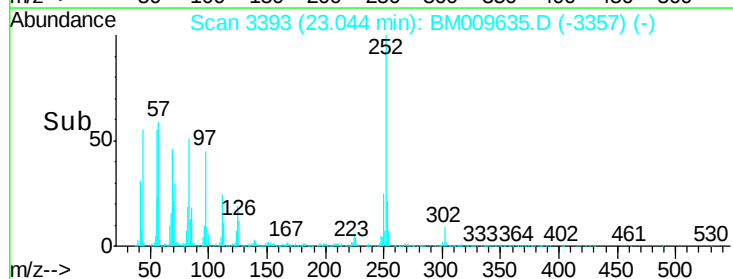
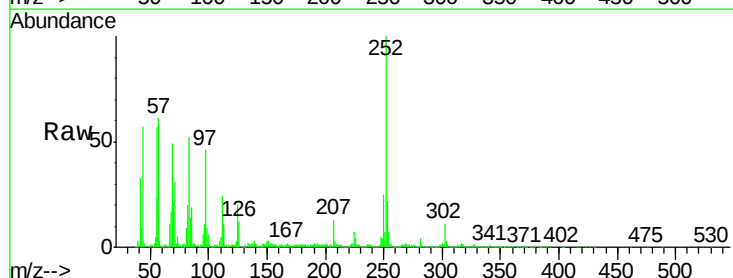
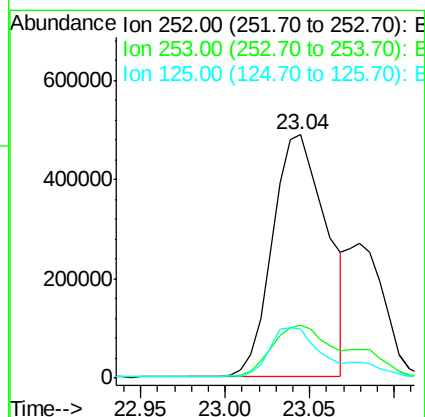
RT: 23.04 min Scan# 3393

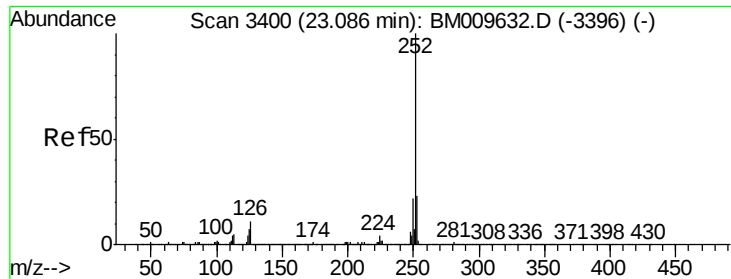
Delta R.T. 0.01 min

Lab File: BM009635.D

Acq: 07 Apr 2017 18:50

Tgt Ion:	252	Resp:	1085281
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	20.1	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 6.76 ng/ul m

RT: 23.08 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM009635.D

Acq: 07 Apr 2017 18:50

Instrument :

BNA_M

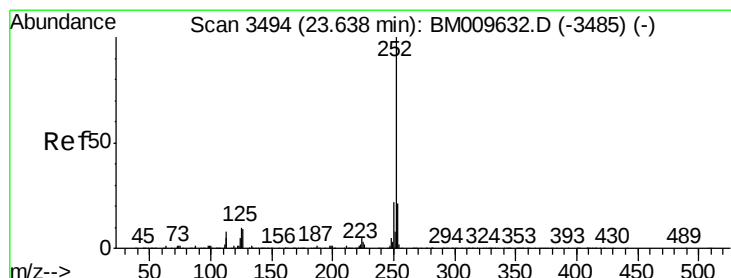
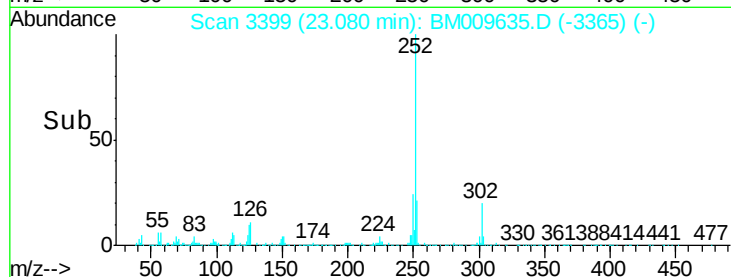
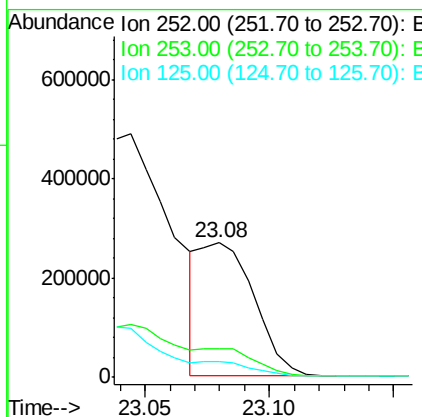
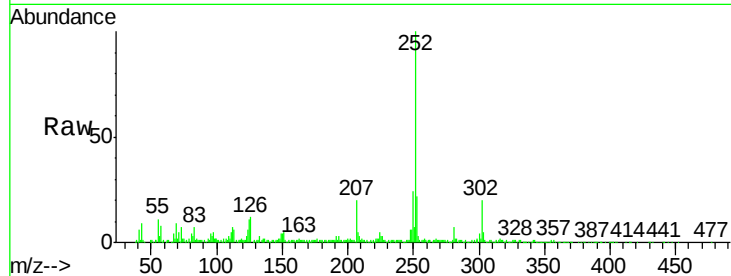
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Tgt Ion:	252	Resp:	406633
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	11.3	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 13.18 ng/ul

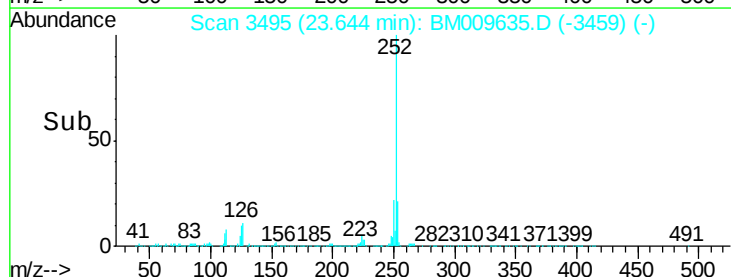
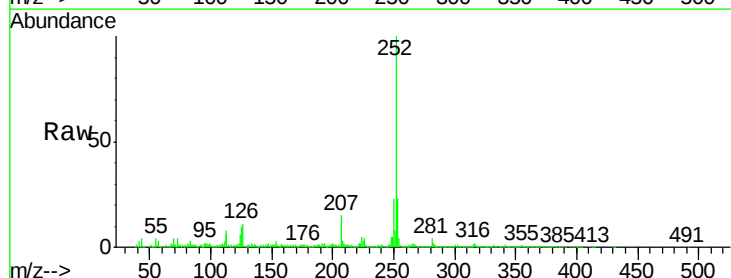
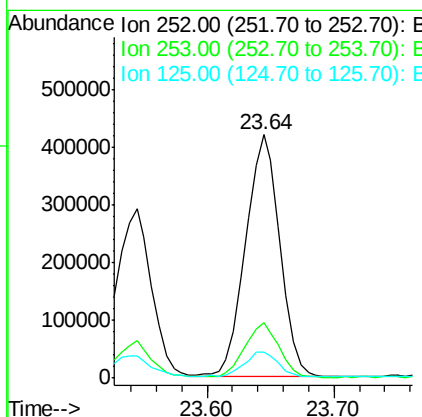
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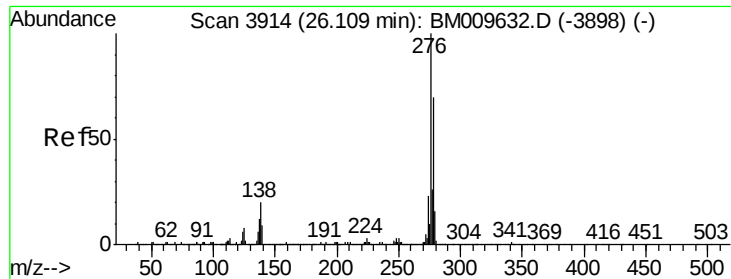
Delta R.T. 0.01 min

Lab File: BM009635.D

Acq: 07 Apr 2017 18:50

Tgt Ion:	252	Resp:	791018
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	10.4	9.4	14.2





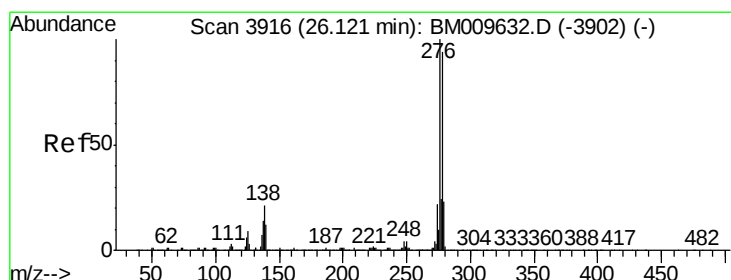
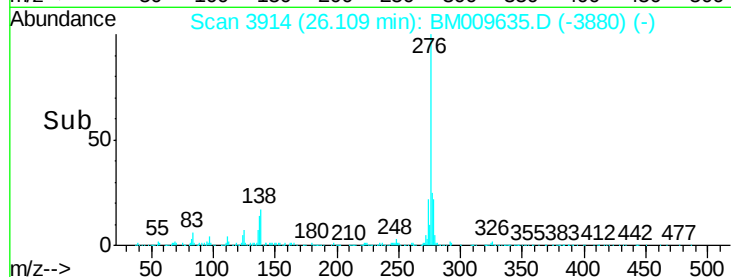
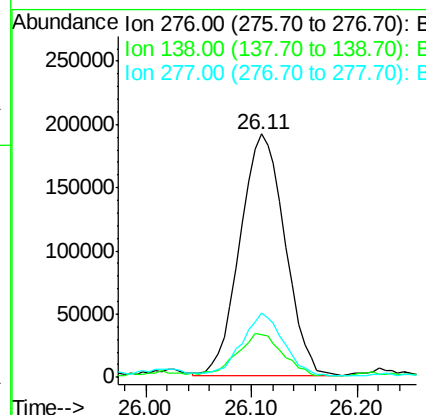
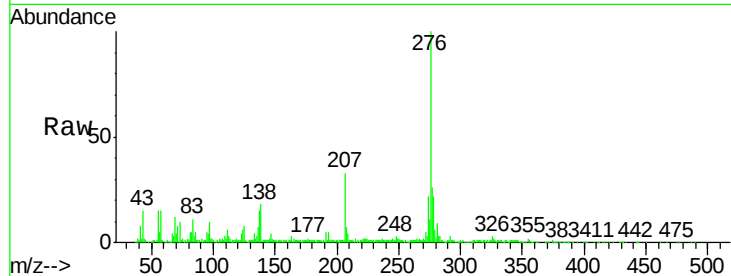
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 8.34 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: BM009635.D
 Acq: 07 Apr 2017 18:50

Instrument :
 BNA_M
 ClientSampleID :
 CB390

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.8	26.6#
277	26.3	19.4	29.0

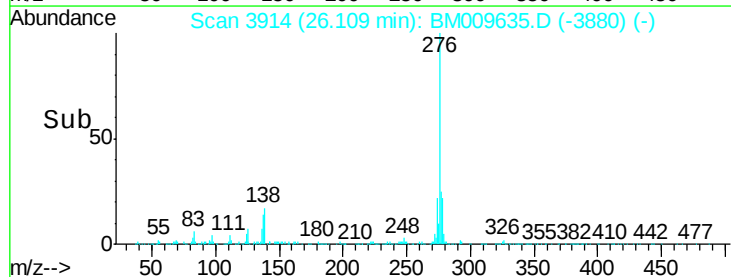
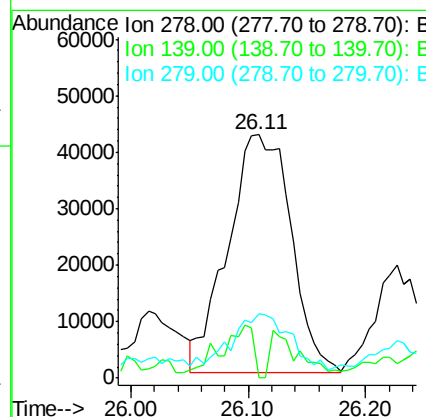
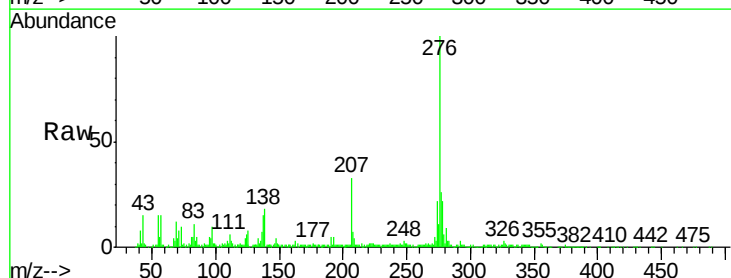
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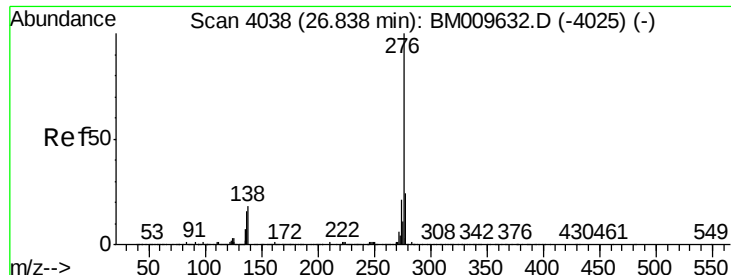
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#29
 Dibenzo(a,h)anthracene
 Concen: 2.75 ng/ul m
 RT: 26.11 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: BM009635.D
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.0	21.0#
279	26.5	20.6	31.0





#30

Benzo(g,h,i)perylene

Concen: 9.13 ng/ul

RT: 26.84 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM009635.D

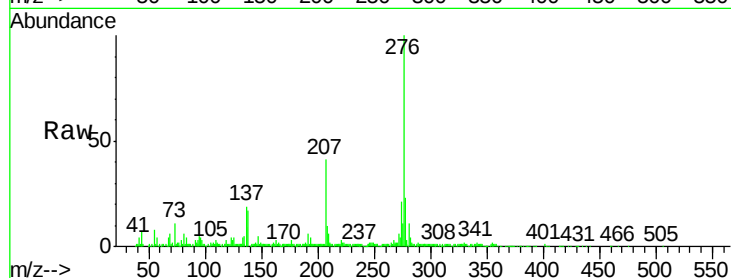
Acq: 07 Apr 2017 18:50

Instrument :

BNA_M

ClientSampleId :

CB390



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.3	19.0	28.4#	
277	22.9	19.7	29.5	

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