

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009578.D
 Acq On : 06 Apr 2017 03:21
 Operator : SJ/MA
 Sample : I2524-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB363

Quant Time: Apr 06 04:11:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

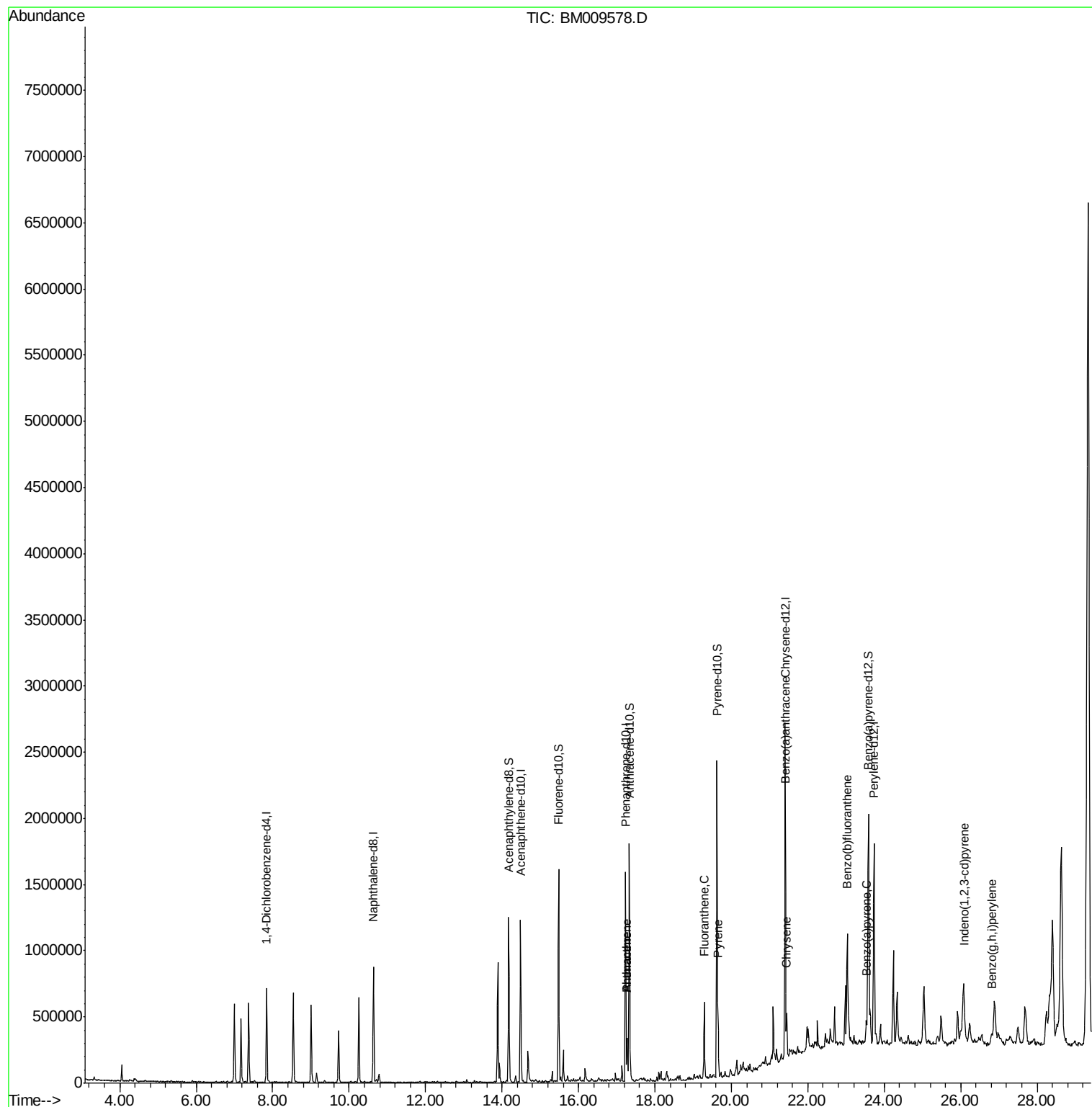
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	162110	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	634278	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	358453	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	834643	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1115266	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1099591	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.30	165	2195	0.23	ng/uL	0.05
7) Acenaphthylene-d8	14.17	160	791928	22.54	ng/ul	0.00
10) Fluorene-d10	15.48	176	584000	23.11	ng/ul	0.00
15) Anthracene-d10	17.33	188	932968	23.36	ng/ul	0.00
19) Pyrene-d10	19.63	212	1134580	24.76	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1217644	25.08	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	174517	3.72	ng/ul	96
16) Anthracene	17.27	178	174517	3.60	ng/ul	96
17) Fluoranthene	19.29	202	330655	5.66	ng/ul#	95
20) Pyrene	19.66	202	307358	5.06	ng/ul	95
21) Benzo(a)anthracene	21.40	228	187546	2.97	ng/ul	99
22) Chrysene	21.44	228	187975	3.25	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	245756	3.61	ng/ul#	97
27) Benzo(a)pyrene	23.53	252	119365	1.85	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.09	276	123654	1.71	ng/ul	95
30) Benzo(g,h,i)perylene	26.82	276	103778	1.74	ng/ul#	91

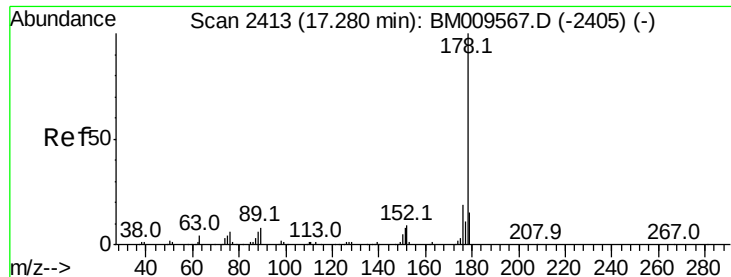
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 3.72 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM009578.D

Acq: 06 Apr 2017 03:21

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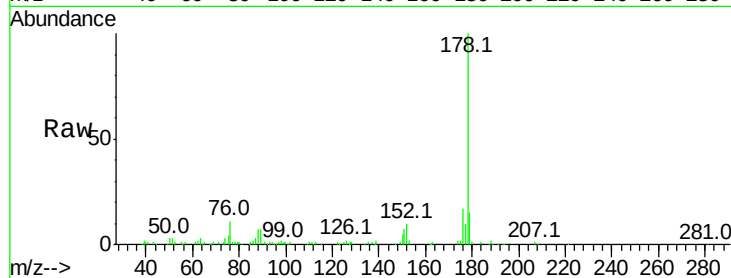
Tot Ion:178 Resp: 174517

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

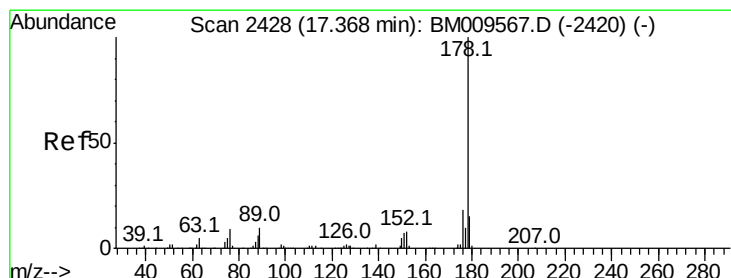
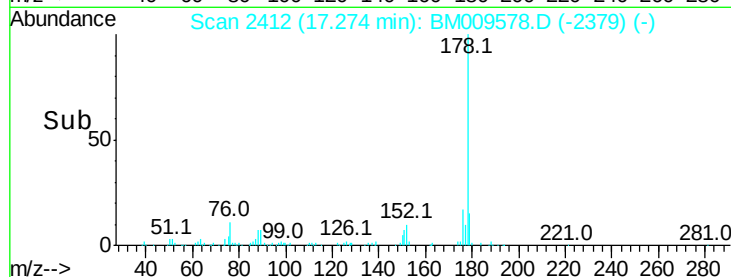
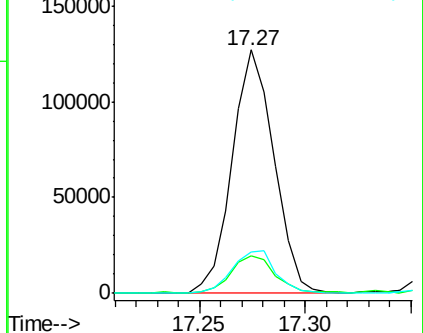
176 17.0 16.4 24.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Anthracene

Concen: 3.60 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BM009578.D

Acq: 06 Apr 2017 03:21

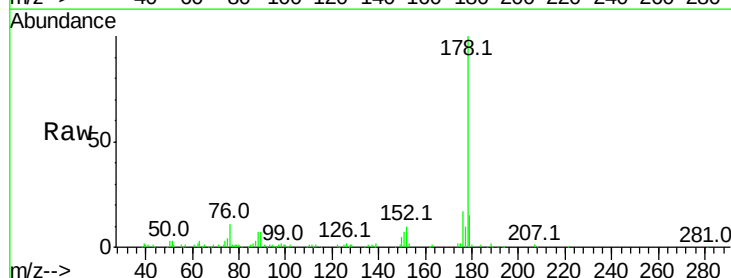
Tgt Ion:178 Resp: 174517

Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

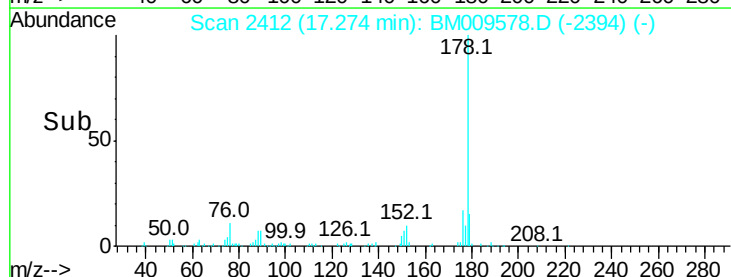
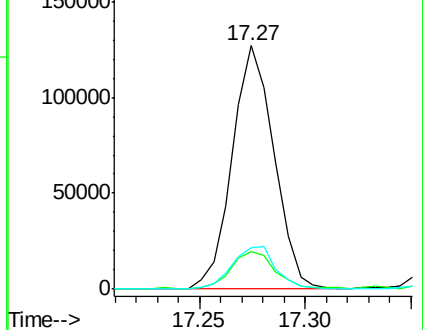
176 17.0 15.8 23.8

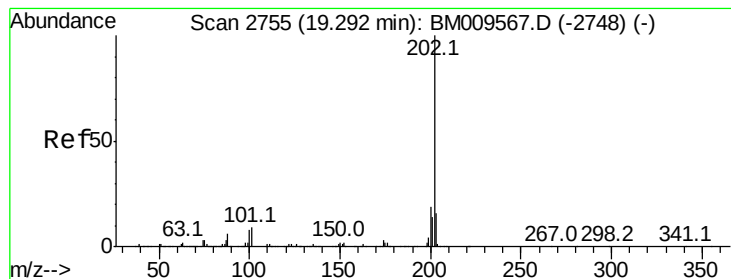


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

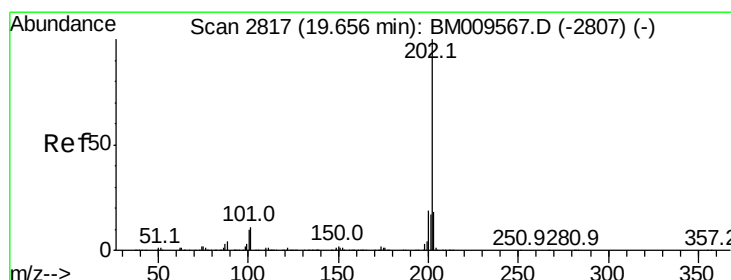
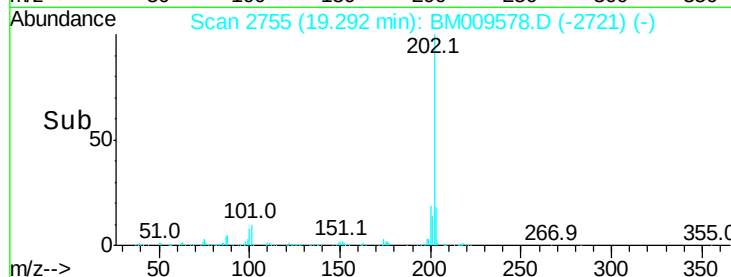
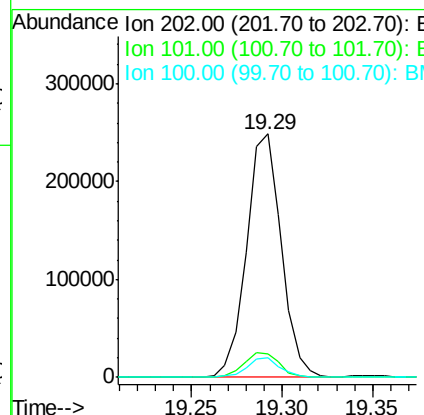
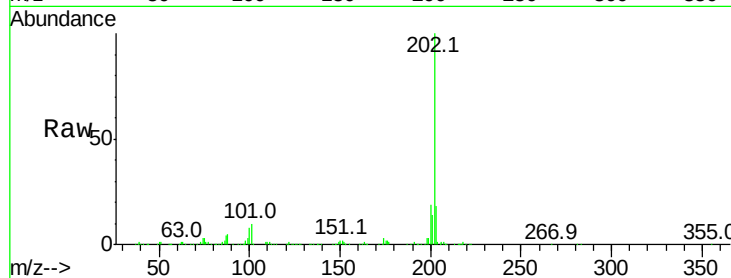




#17
Fluoranthene
 Concen: 5.66 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009578.D
 Acq: 06 Apr 2017 03:21

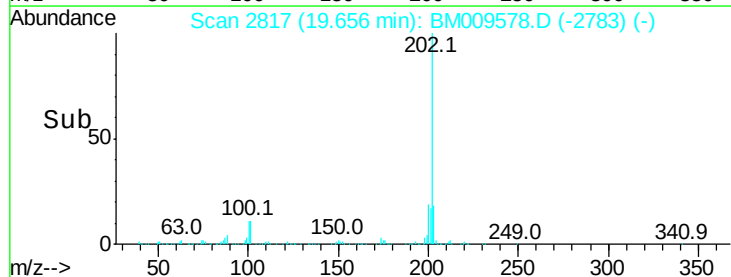
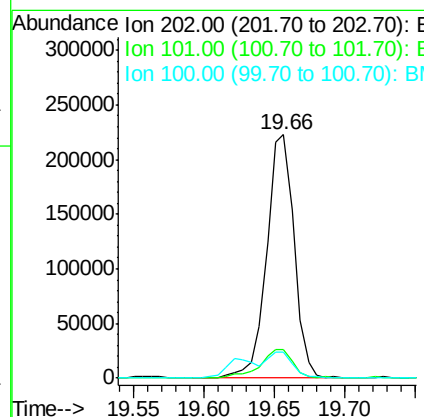
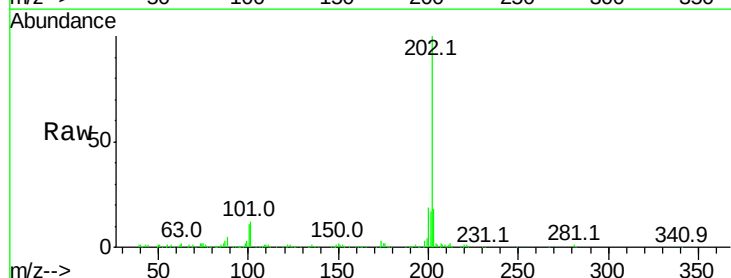
Instrument :
 BNA_M
 ClientSampleId :
 CB363

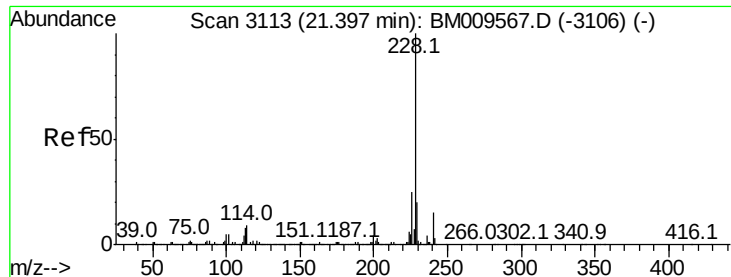
Tot Ion	Ratio	Resp	Lower	Upper
202	100	330655		
101	9.8		9.8	14.8#
100	8.2		7.5	11.3



#20
Pyrene
 Concen: 5.06 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009578.D
 Acq: 06 Apr 2017 03:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	307358		
101	11.6		11.2	16.8
100	10.5		9.8	14.6

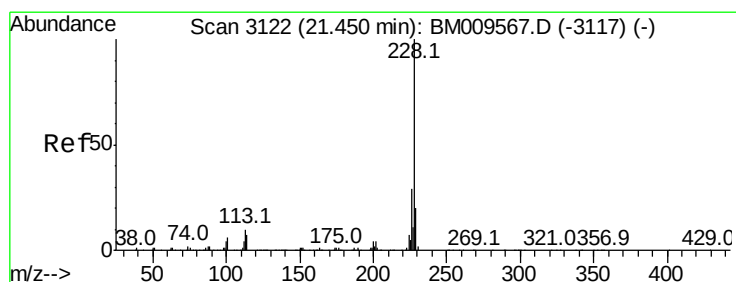
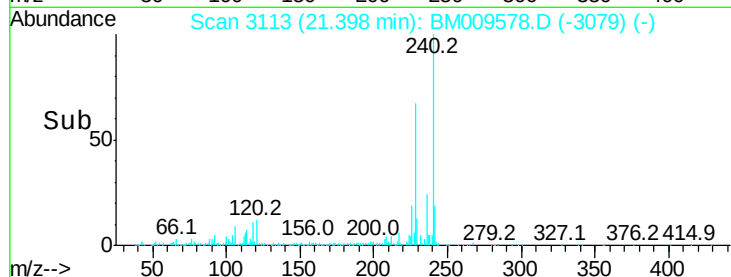
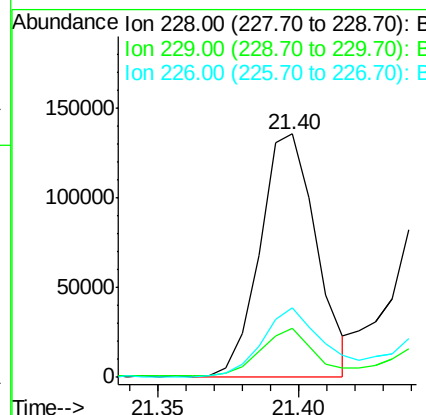
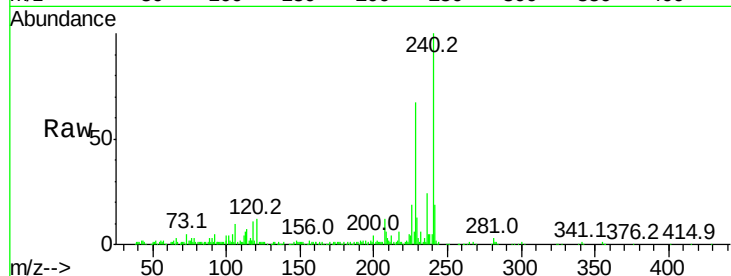




#21
Benzo(a)anthracene
Concen: 2.97 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

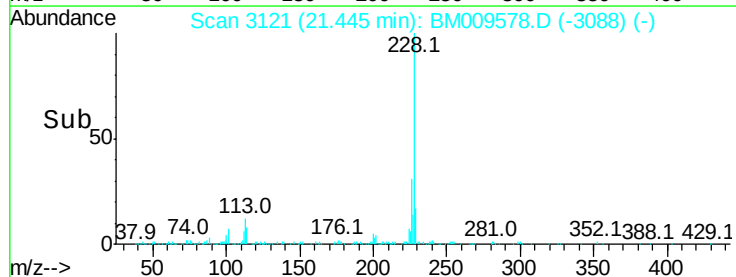
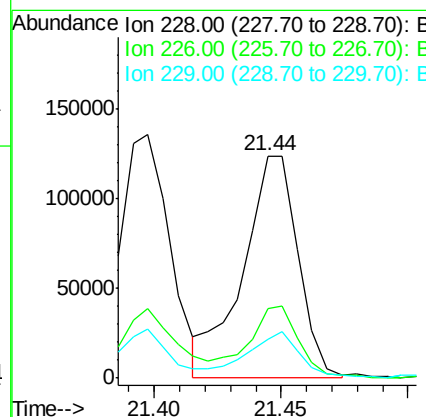
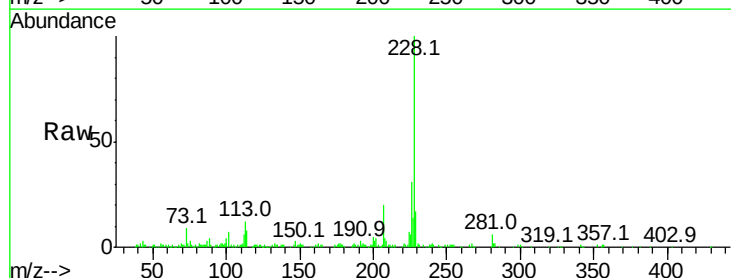
Instrument :
BNA_M
ClientSampleId :
CB363

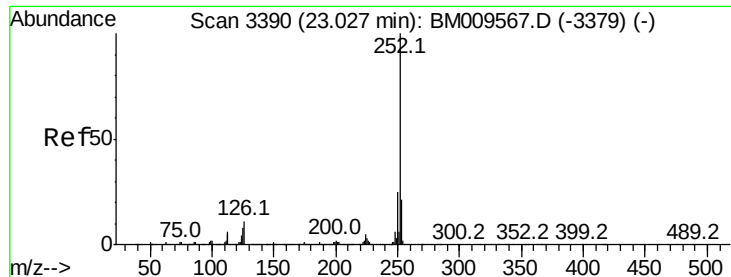
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.4	22.1	33.1



#22
Chrysene
Concen: 3.25 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	17.4	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 3.61 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.00 min

Lab File: BM009578.D

Acq: 06 Apr 2017 03:21

Instrument :

BNA_M

ClientSampleId :

CB363

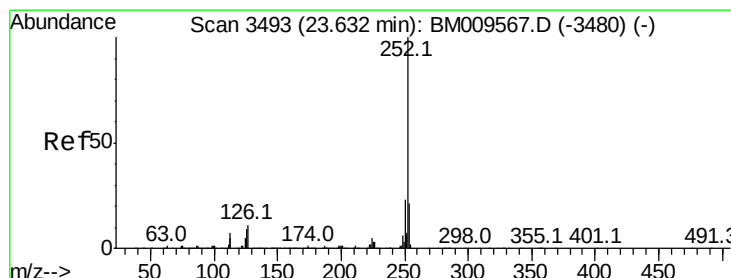
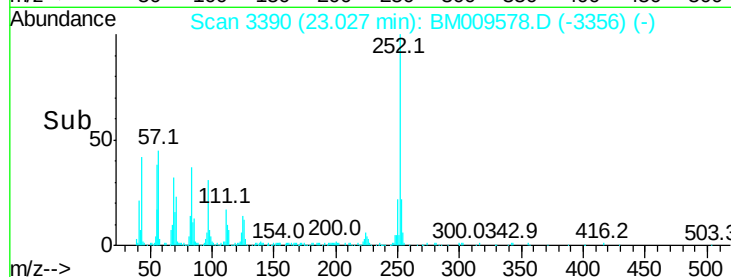
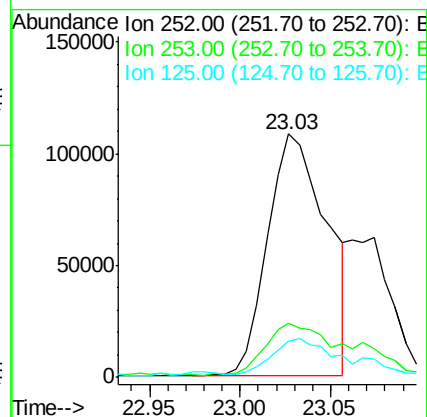
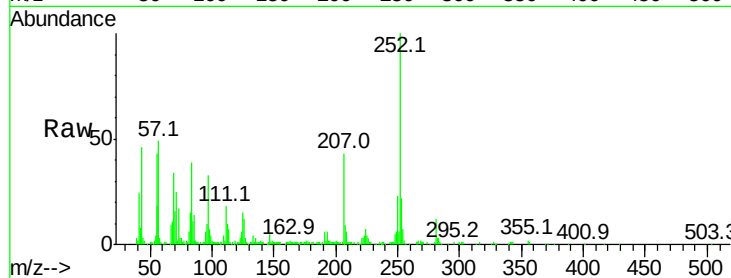
Tot Ion:252 Resp: 245756

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 14.7 9.4 14.0#



#27

Benzo(a)pyrene

Concen: 1.85 ng/ul

RT: 23.53 min Scan# 3475

Delta R.T. -0.11 min

Lab File: BM009578.D

Acq: 06 Apr 2017 03:21

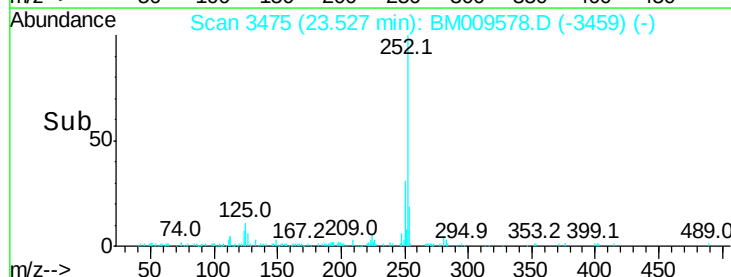
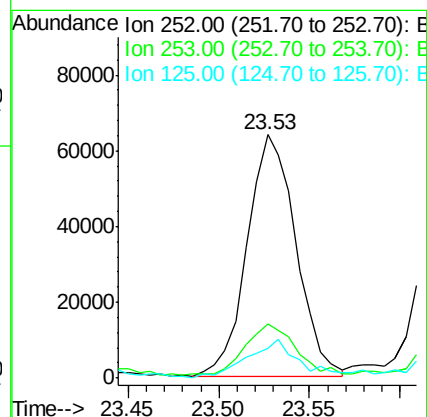
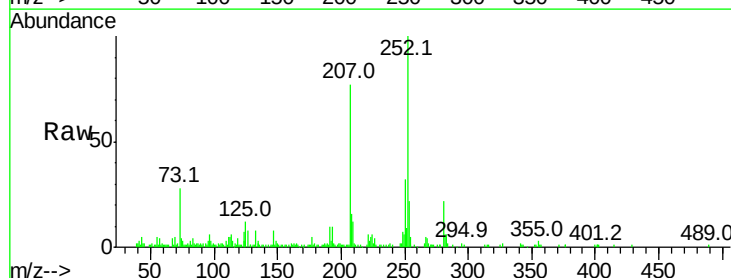
Tgt Ion:252 Resp: 119365

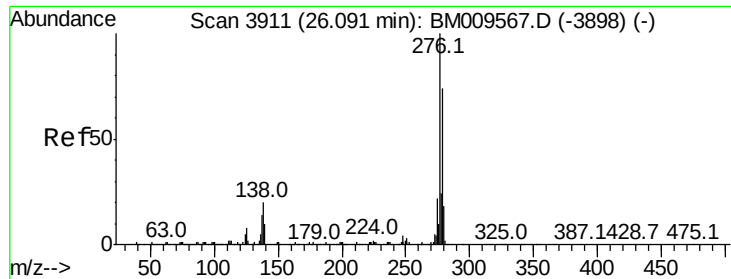
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 12.4 9.4 14.2

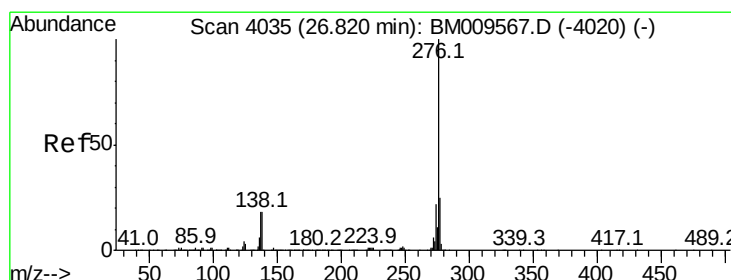
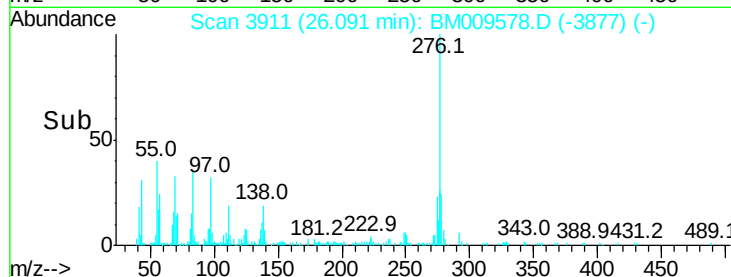
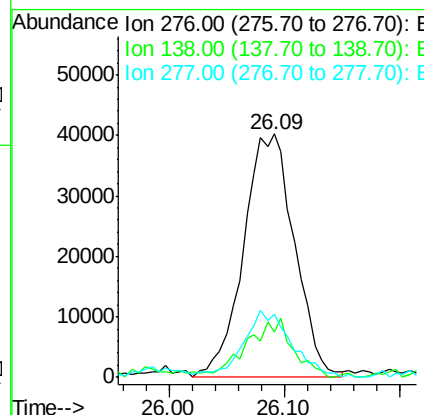
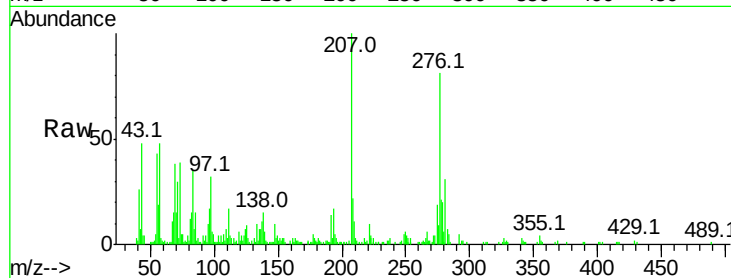




#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.71 ng/ul
 RT: 26.09 min Scan# 3911
 Delta R.T. 0.00 min
 Lab File: BM009578.D
 Acq: 06 Apr 2017 03:21

Instrument :
 BNA_M
 ClientSampled :
 CB363

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.8	26.6
277	26.2	19.4	29.0



#30
 Benzo(g,h,i)perylene
 Concen: 1.74 ng/ul
 RT: 26.82 min Scan# 4035
 Delta R.T. 0.00 min
 Lab File: BM009578.D
 Acq: 06 Apr 2017 03:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	19.0	28.4#
277	26.2	19.7	29.5

