

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB365

Quant Time: Apr 07 03:23:06 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

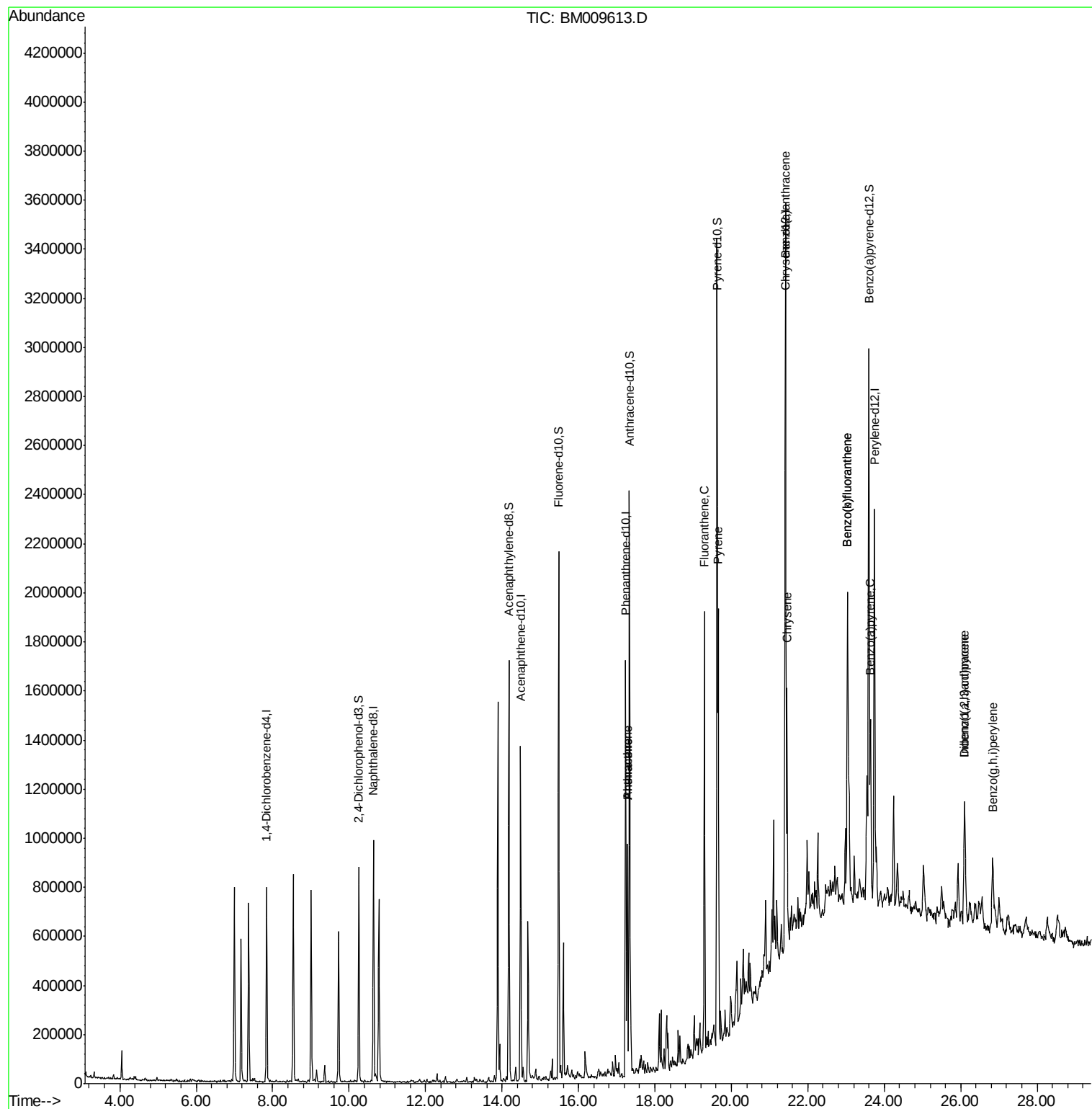
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	181862	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	714466	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	398791	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	940210	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1221827	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1174430	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	283446	25.80	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1109852	28.40	ng/ul	0.00
10) Fluorene-d10	15.48	176	790825	28.13	ng/ul	0.00
15) Anthracene-d10	17.33	188	1268497	28.20	ng/ul	0.00
19) Pyrene-d10	19.63	212	1553762	30.94	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1537424	29.65	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.28	178	521432	9.86	ng/ul	97
16) Anthracene	17.28	178	521432	9.54	ng/ul	99
17) Fluoranthene	19.29	202	1004901	15.26	ng/ul	96
20) Pyrene	19.66	202	1007993	15.15	ng/ul	97
21) Benzo(a)anthracene	21.40	228	626231	9.07	ng/ul	99
22) Chrysene	21.46	228	587793	9.28	ng/ul	96
24) Benzo(b)fluoranthene	23.04	252	776070	10.68	ng/ul	97
25) Benzo(k)fluoranthene	23.04	252	776070	11.21	ng/ul	97
27) Benzo(a)pyrene	23.64	252	527743	7.64	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.11	276	384468	4.97	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	76552	1.16	ng/ul	99
30) Benzo(a,h,i)perylene	26.84	276	358252	5.61	ng/ul#	94

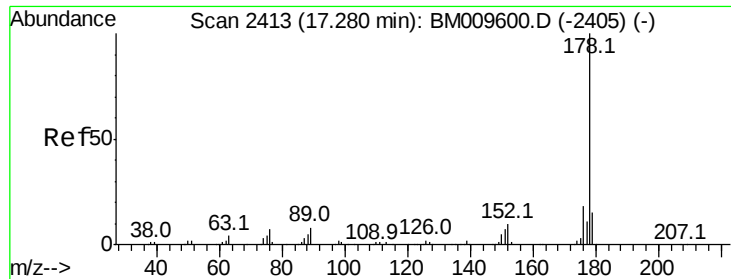
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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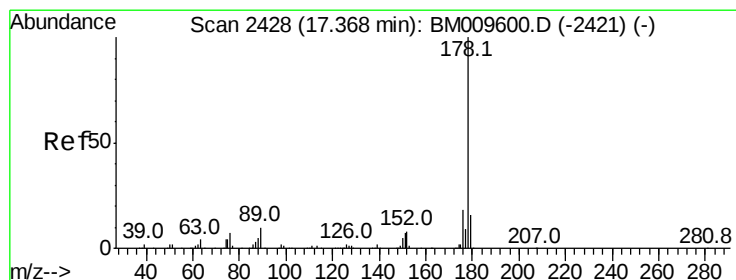
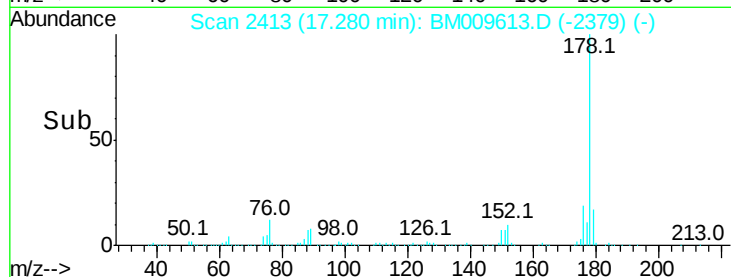
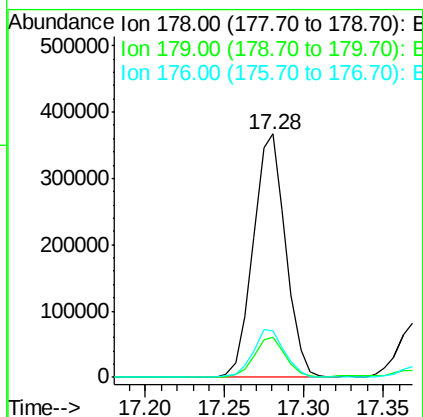
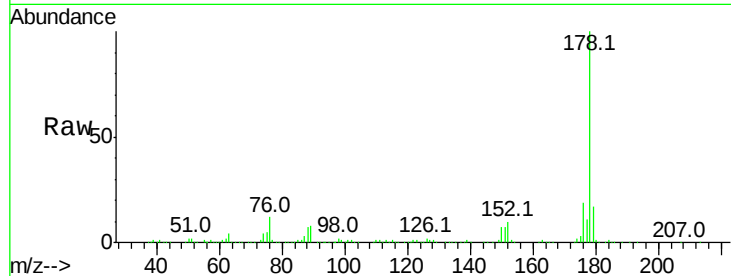




#14
Phenanthrene
Concen: 9.86 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009613.D
Acq: 07 Apr 2017 02:48

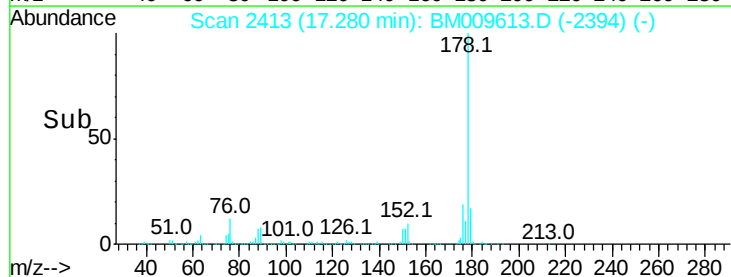
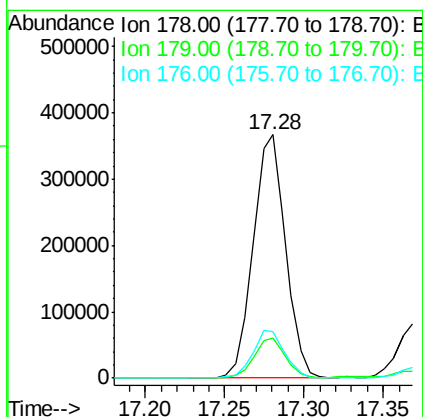
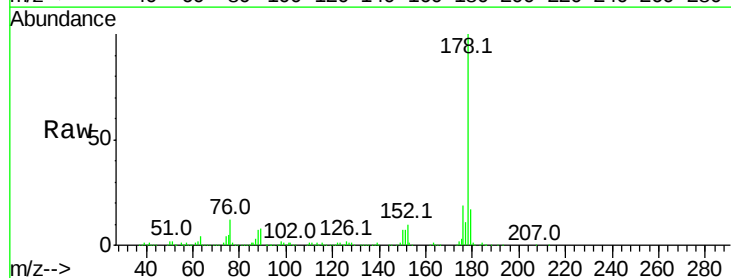
Instrument :
BNA_M
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CB365

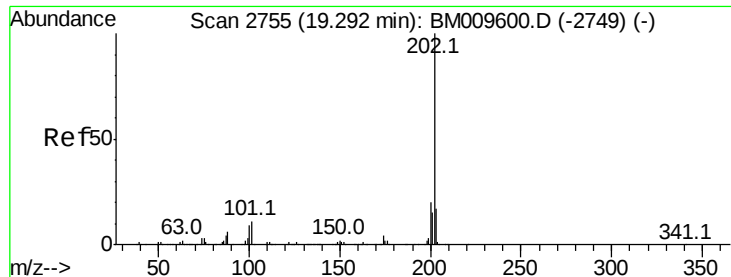
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	19.3	16.4	24.6



#16
Anthracene
Concen: 9.54 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. -0.09 min
Lab File: BM009613.D
Acq: 07 Apr 2017 02:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	19.3	15.8	23.8

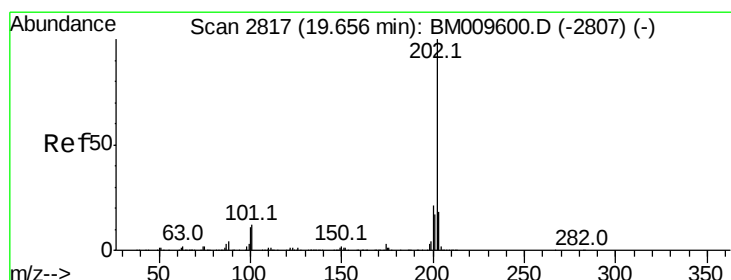
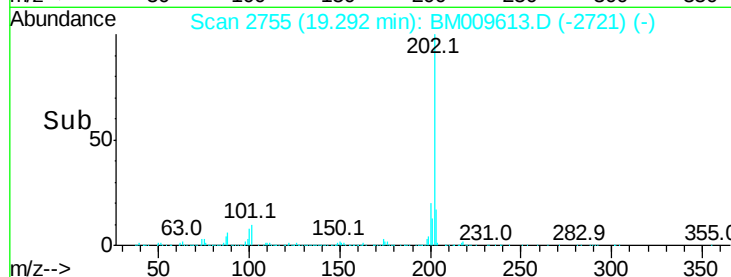
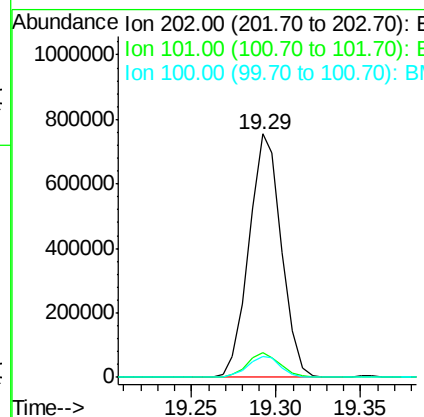
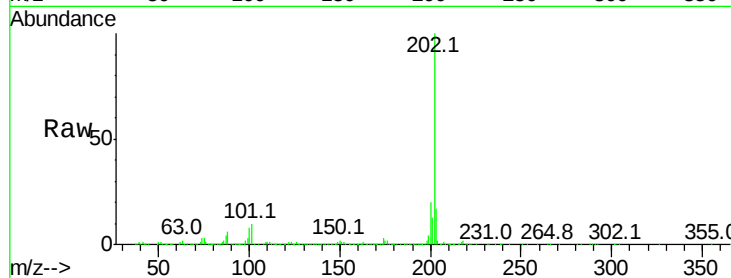




#17
 Fluoranthene
 Concen: 15.26 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009613.D
 Acq: 07 Apr 2017 02:48

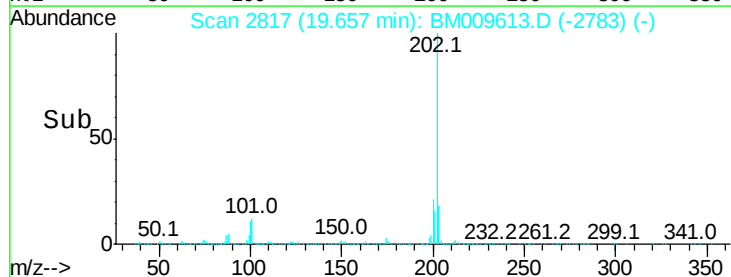
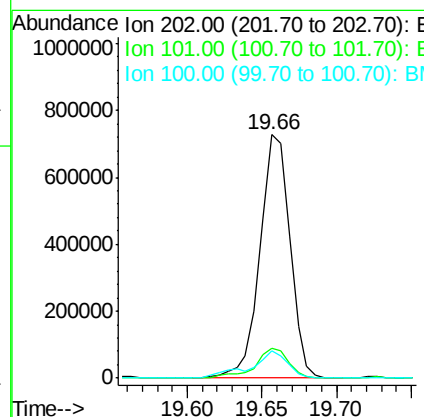
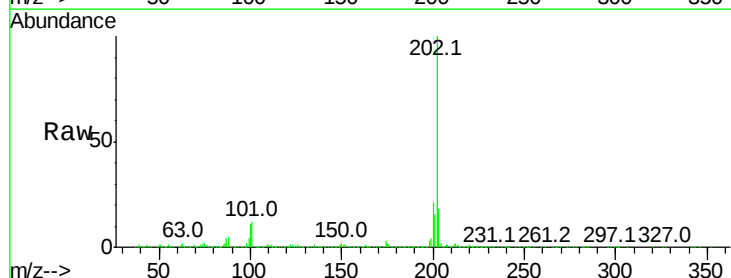
Instrument :
 BNA_M
 ClientSampleId :
 CB365

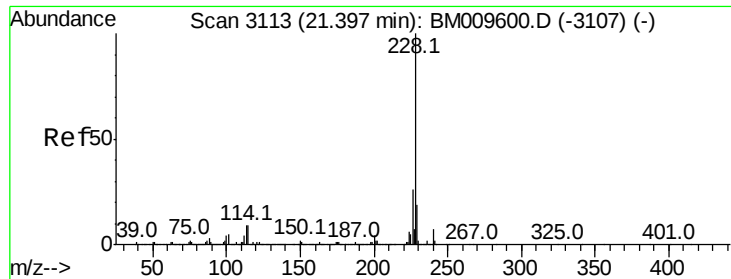
Tot Ion:202 Resp: 1004901
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.8 14.8
 100 8.5 7.5 11.3



#20
 Pyrene
 Concen: 15.15 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009613.D
 Acq: 07 Apr 2017 02:48

Tgt Ion:202 Resp: 1007993
 Ion Ratio Lower Upper
 202 100
 101 12.2 11.2 16.8
 100 11.3 9.8 14.6

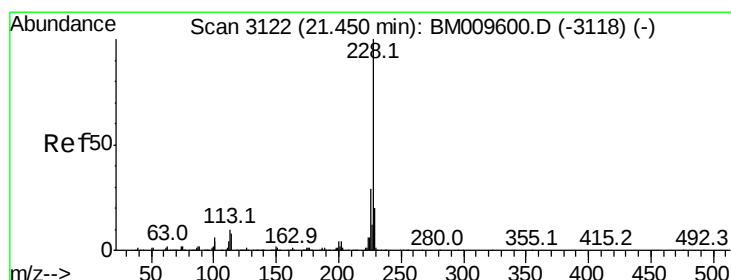
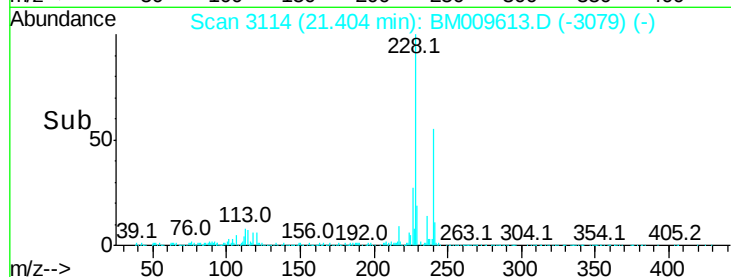
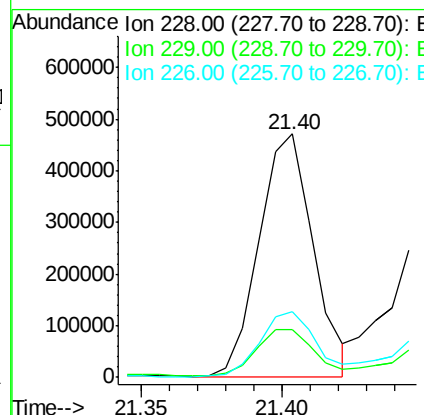
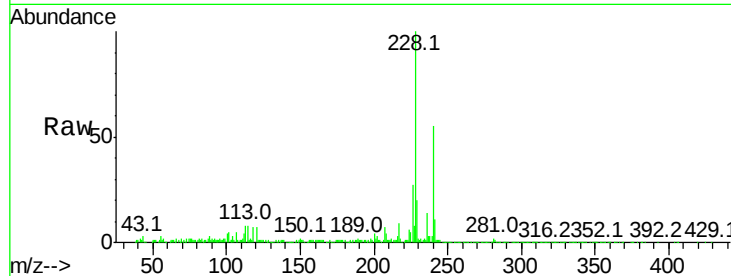




#21
Benzo(a)anthracene
Concen: 9.07 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009613.D
Acq: 07 Apr 2017 02:48

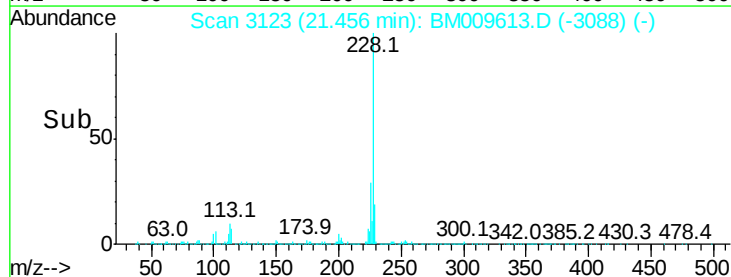
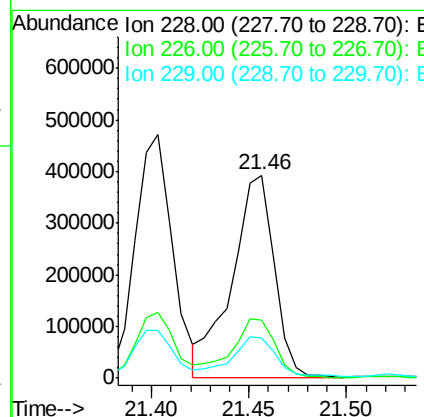
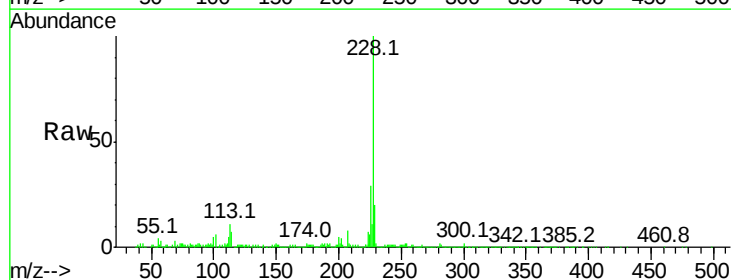
Instrument :
BNA_M
ClientSampleId :
CB365

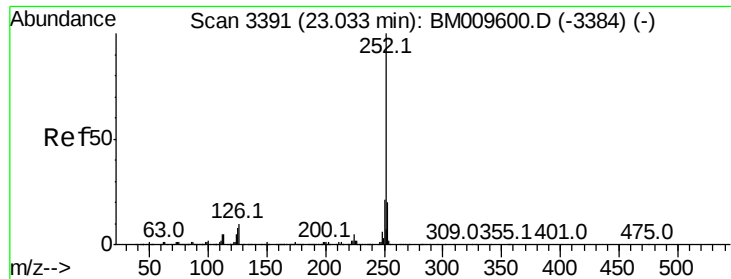
Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.0	22.1	33.1



#22
Chrysene
Concen: 9.28 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM009613.D
Acq: 07 Apr 2017 02:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	19.7	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 10.68 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BM009613.D

Acq: 07 Apr 2017 02:48

Instrument :

BNA_M

ClientSampleId :

CB365

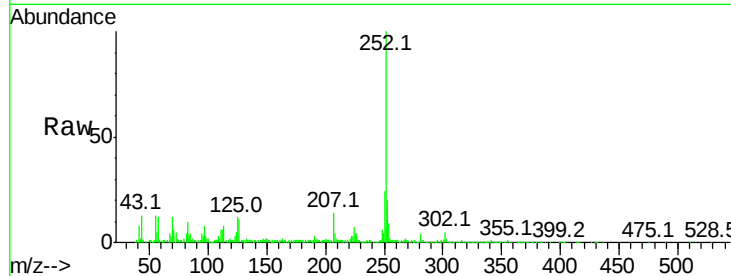
Tot Ion:252 Resp: 776070

Ion Ratio Lower Upper

252 100

253 20.4 17.8 26.6

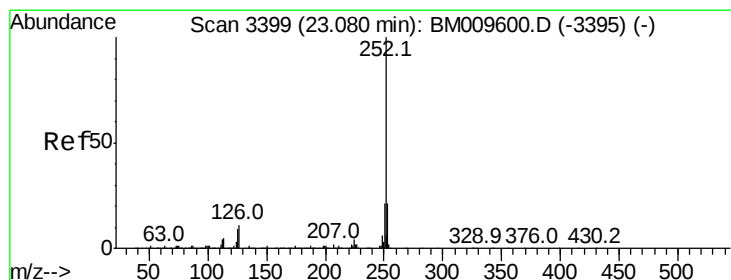
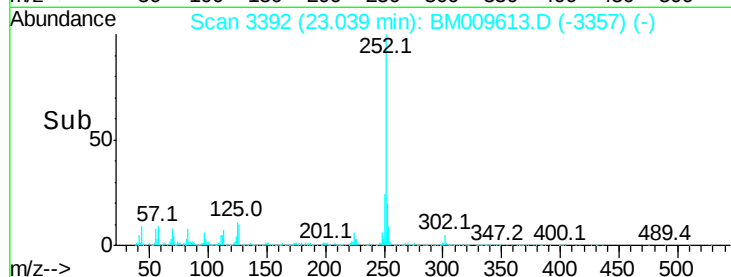
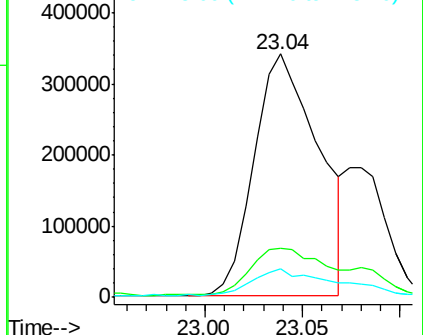
125 11.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(k)fluoranthene

Concen: 11.21 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.04 min

Lab File: BM009613.D

Acq: 07 Apr 2017 02:48

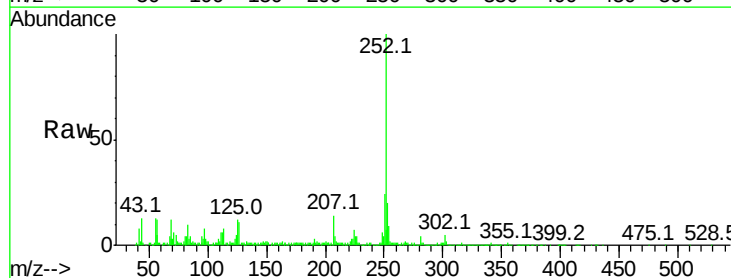
Tgt Ion:252 Resp: 776070

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

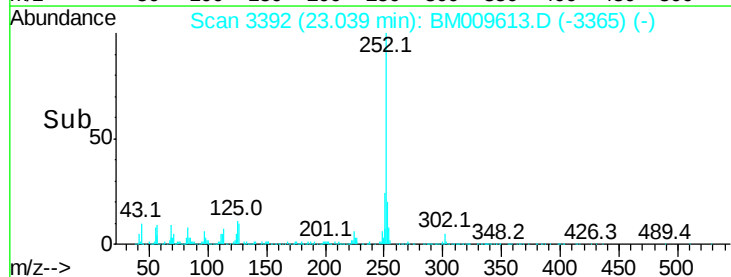
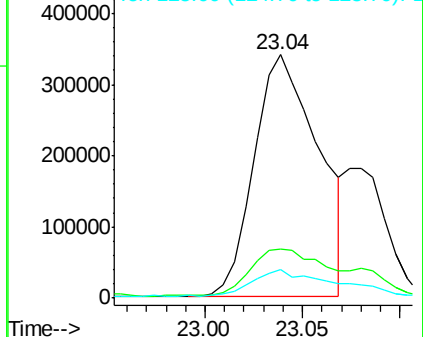
125 11.7 8.8 13.2

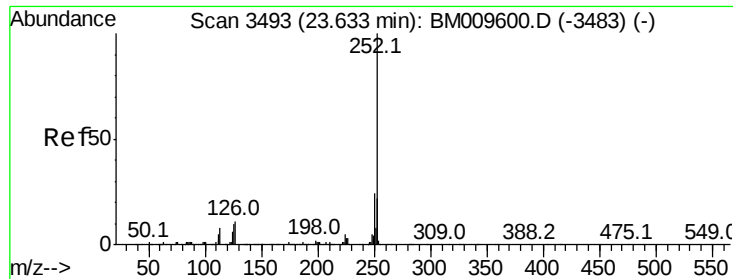


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 7.64 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM009613.D

Acq: 07 Apr 2017 02:48

Instrument :

BNA_M

ClientSampleId :

CB365

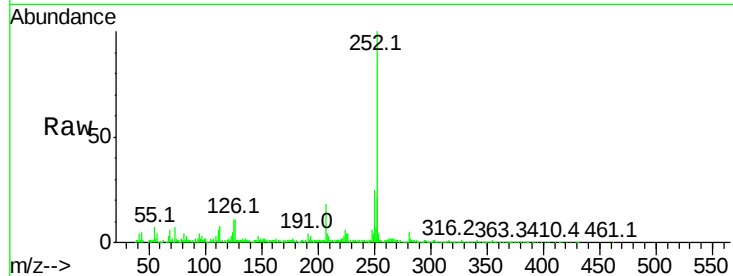
Tot Ion:252 Resp: 527743

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

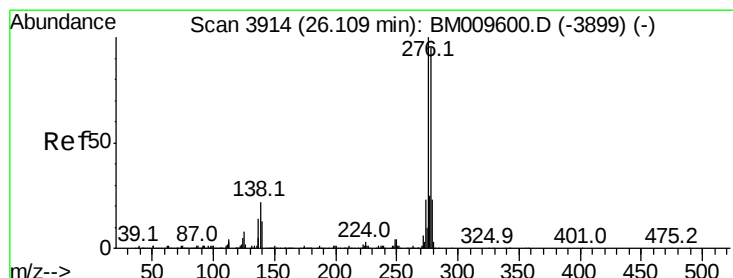
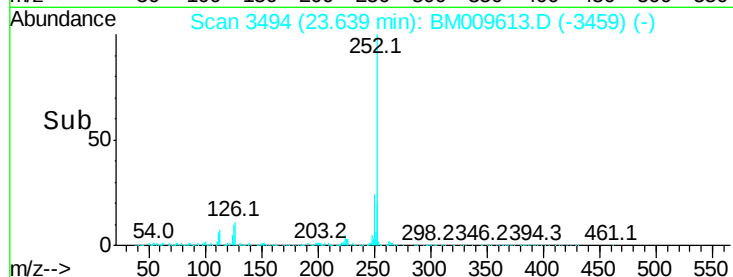
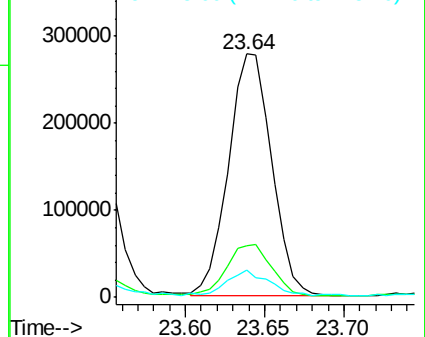
125 11.0 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#28

Indeno(1,2,3-cd)pyrene

Concen: 4.97 ng/ul

RT: 26.11 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM009613.D

Acq: 07 Apr 2017 02:48

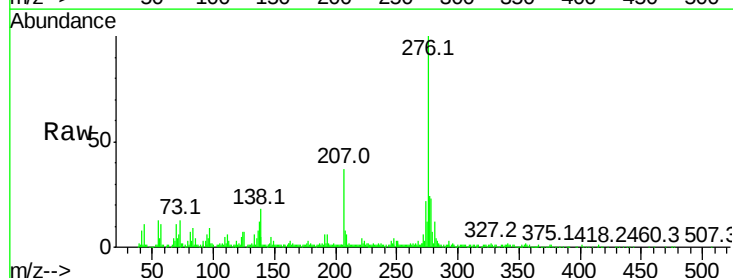
Tgt Ion:276 Resp: 384468

Ion Ratio Lower Upper

276 100

138 17.8 17.8 26.6

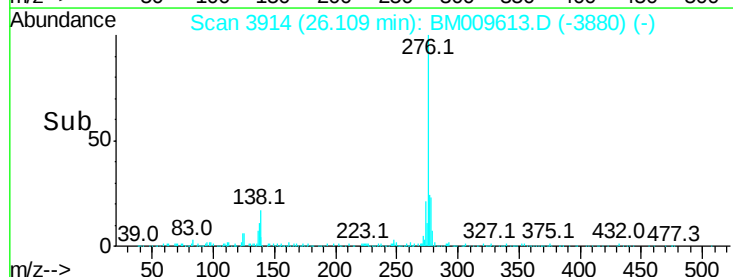
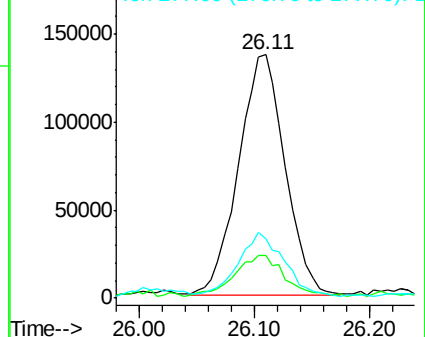
277 24.5 19.4 29.0

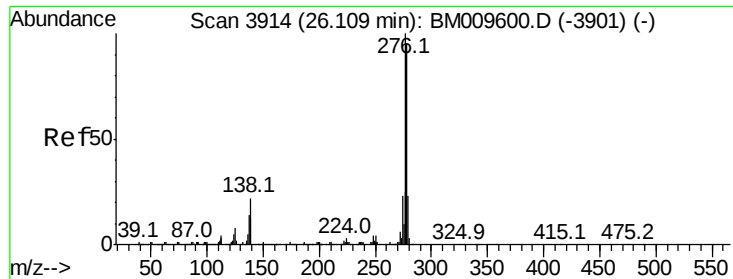


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 1.16 ng/ul

RT: 26.10 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM009613.D

Acq: 07 Apr 2017 02:48

Instrument :

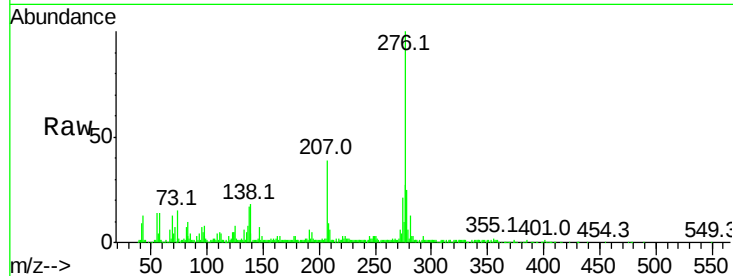
BNA_M

ClientSampleId :

CB365

Tot Ion:278 Resp: 76552

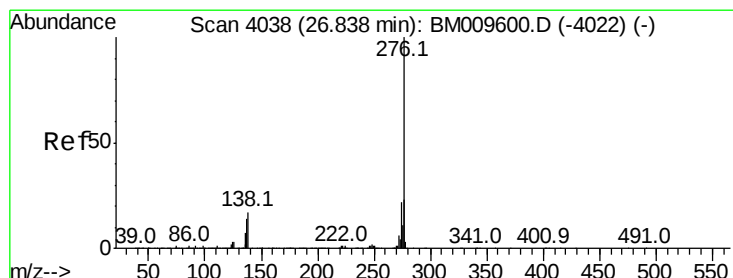
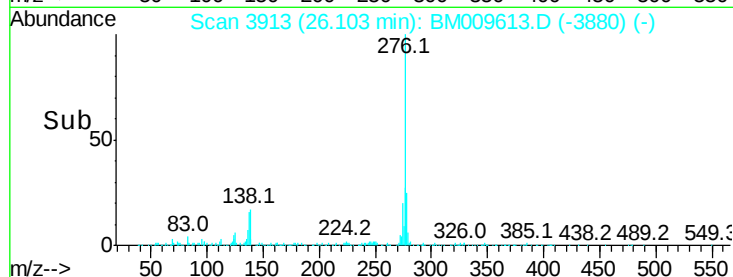
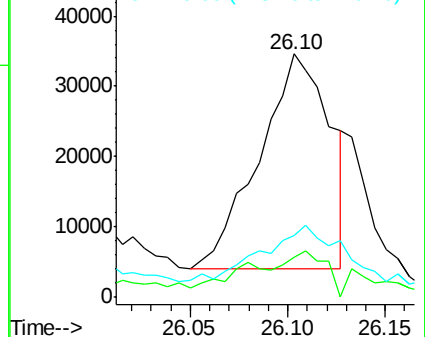
Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.0	21.0
279	25.5	20.6	31.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 5.61 ng/ul

RT: 26.84 min Scan# 4038

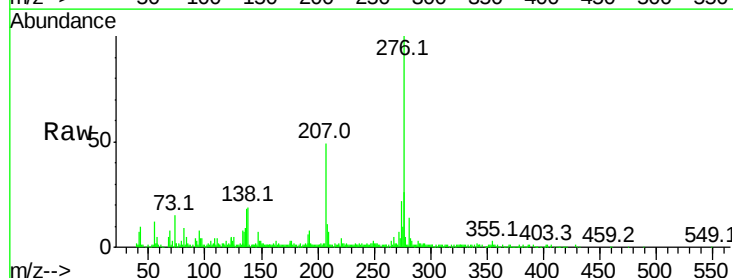
Delta R.T. 0.00 min

Lab File: BM009613.D

Acq: 07 Apr 2017 02:48

Tgt Ion:276 Resp: 358252

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



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

