

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009566.D
 Acq On : 05 Apr 2017 20:10
 Operator : SJ/MA
 Sample : I2524-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB326

Quant Time: Apr 06 03:23:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:22:40 2017
 Response via : Initial Calibration

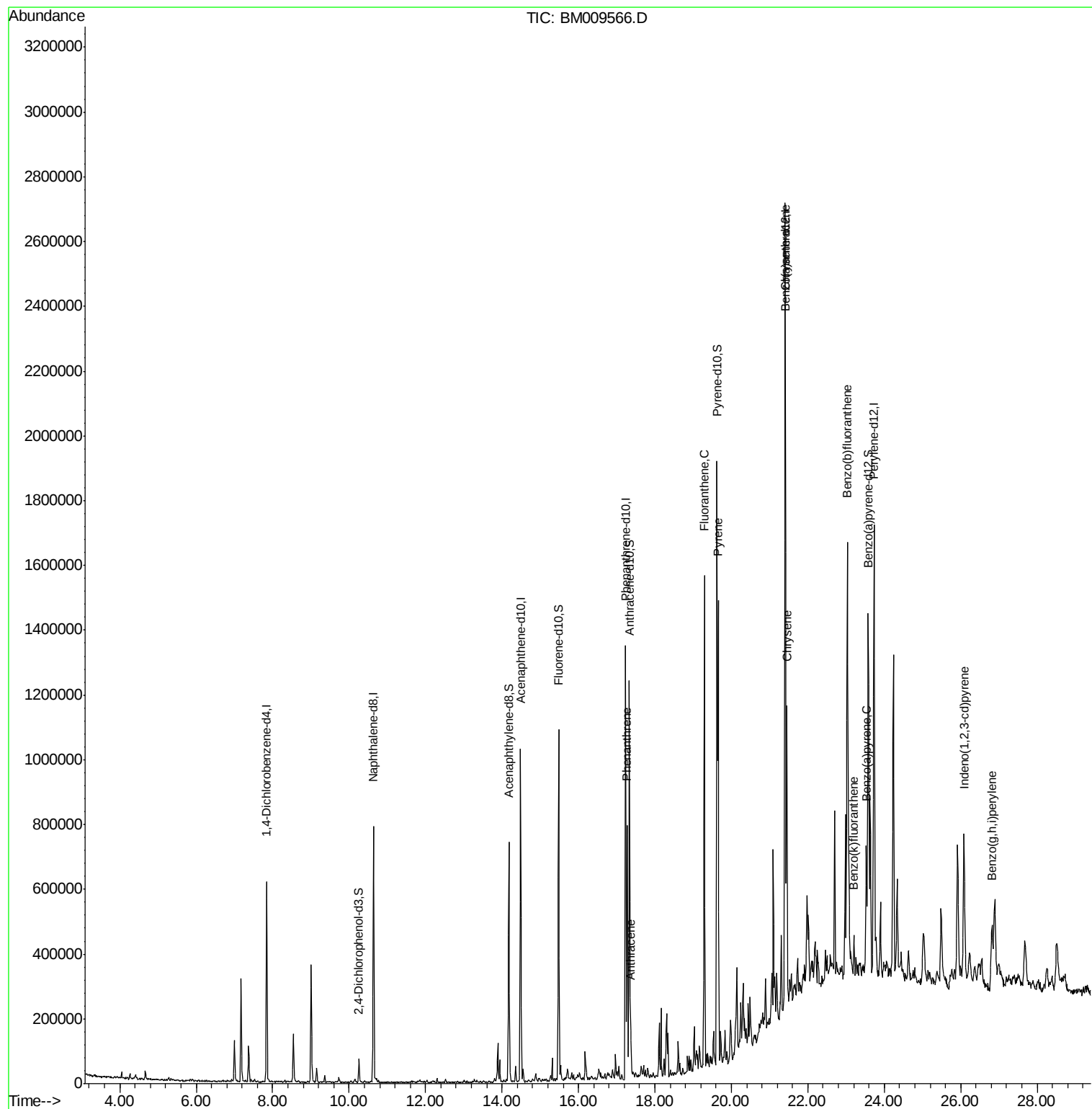
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	140898	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	558934	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	311105	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	748051	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1035078	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1019101	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	21989	2.56	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	477189	15.65	ng/ul	0.00
10) Fluorene-d10	15.48	176	384888	17.55	ng/ul	0.00
15) Anthracene-d10	17.33	188	619624	17.31	ng/ul	0.00
19) Pyrene-d10	19.63	212	770952	18.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	765704	17.02	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	437537	10.40	ng/ul	97
16) Anthracene	17.36	178	83814	1.93	ng/ul	97
17) Fluoranthene	19.29	202	836621	15.97	ng/ul	95
20) Pyrene	19.66	202	821683	14.58	ng/ul	95
21) Benzo(a)anthracene	21.40	228	494104	8.44	ng/ul	98
22) Chrysene	21.45	228	488409	9.10	ng/ul	96
24) Benzo(b)fluoranthene	23.03	252	606422	9.62	ng/ul	97
25) Benzo(k)fluoranthene	23.21	252	79822	1.33	ng/ul	99
27) Benzo(a)pyrene	23.53	252	289292	4.83	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	264001	3.93	ng/ul	95
30) Benzo(g,h,i)perylene	26.81	276	229525	4.14	ng/ul	95

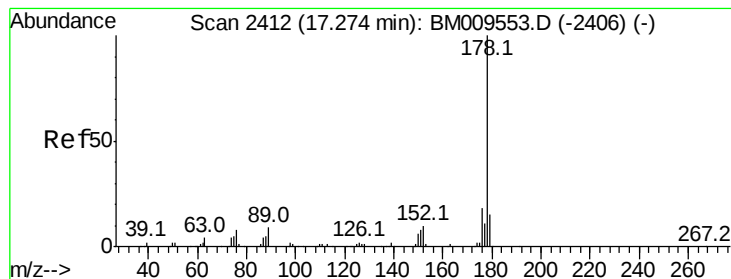
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 10.40 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Instrument :

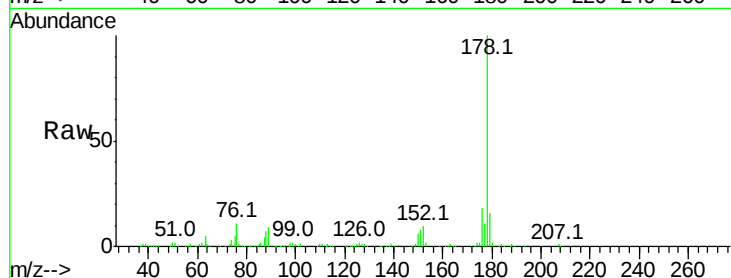
BNA_M

ClientSampleId :

CB326

Tot Ion:178 Resp: 437537

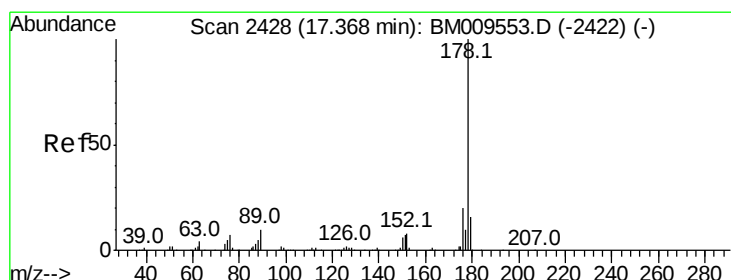
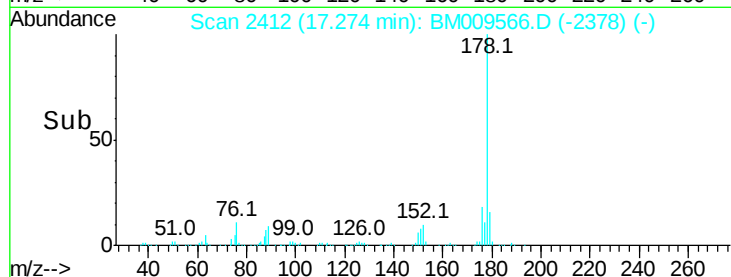
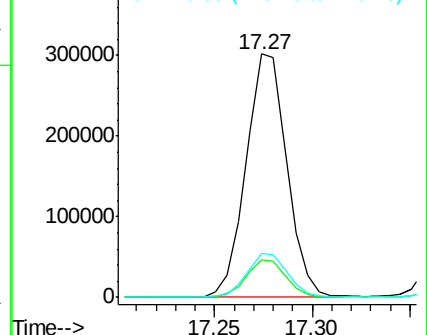
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.0	16.4	24.6



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: 1.93 ng/ul

RT: 17.36 min Scan# 2427

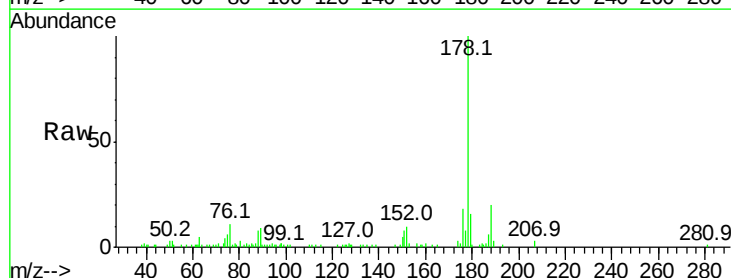
Delta R.T. -0.01 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Tgt Ion:178 Resp: 83814

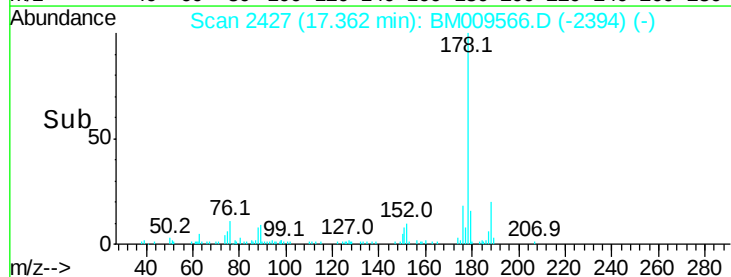
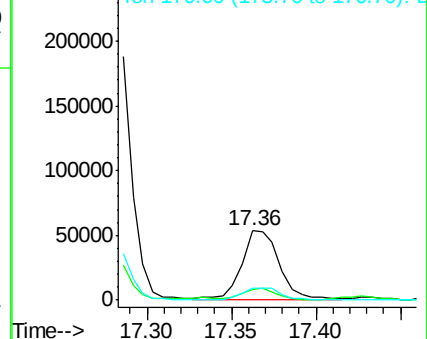
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	17.8	15.8	23.8

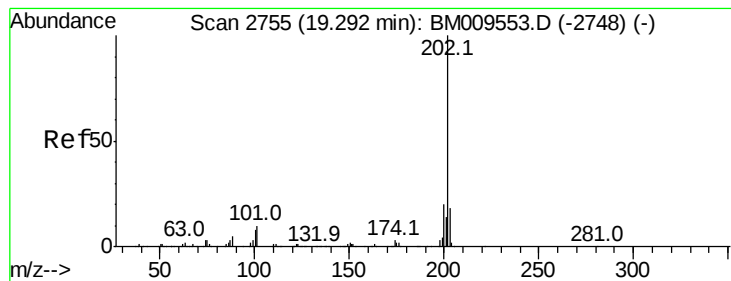


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 15.97 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Instrument :

BNA_M

ClientSampleId :

CB326

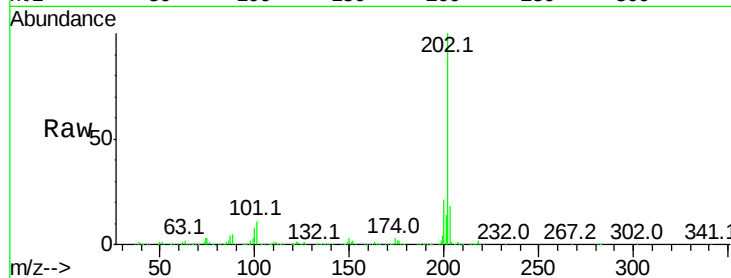
Tot Ion:202 Resp: 836621

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

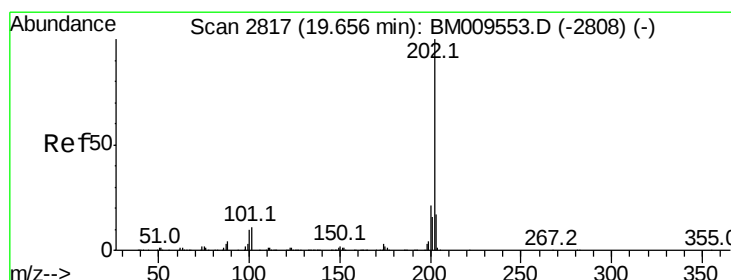
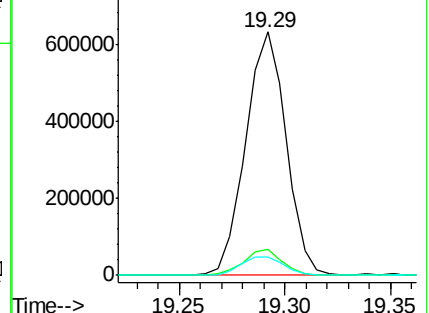
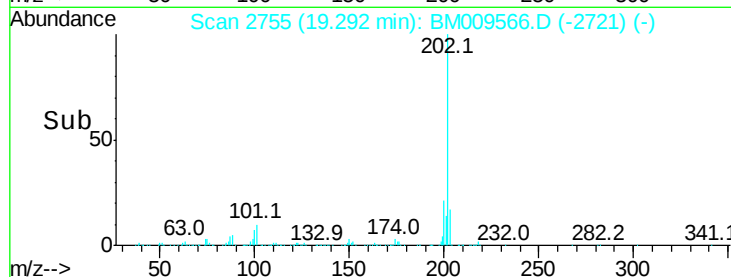
100 7.7 7.5 11.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 14.58 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

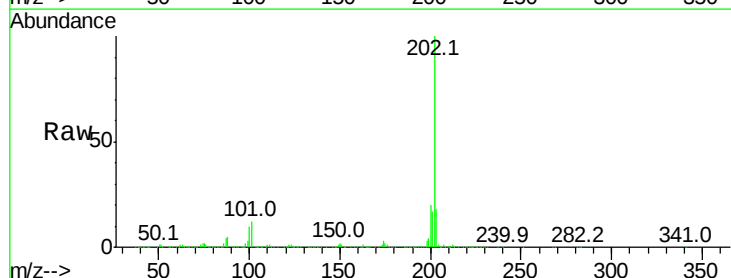
Tgt Ion:202 Resp: 821683

Ion Ratio Lower Upper

202 100

101 12.0 11.2 16.8

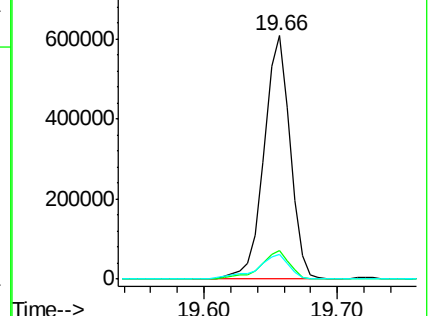
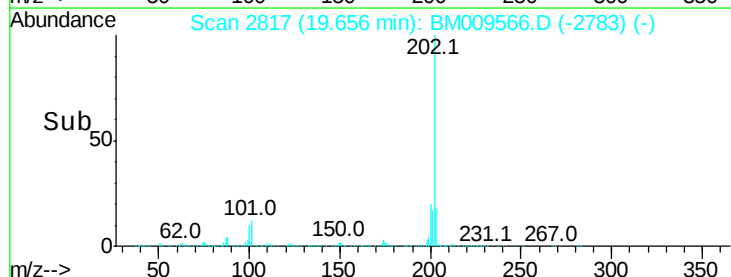
100 10.2 9.8 14.6

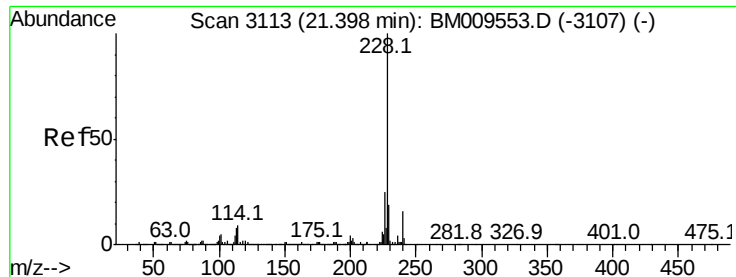


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 8.44 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Instrument :

BNA_M

ClientSampleId :

CB326

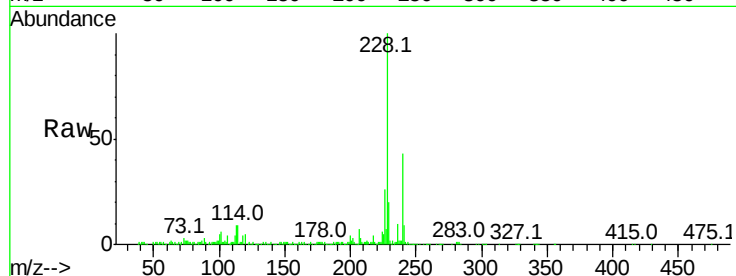
Tot Ion:228 Resp: 494104

Ion Ratio Lower Upper

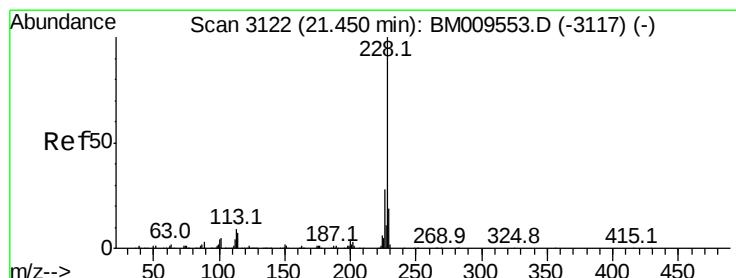
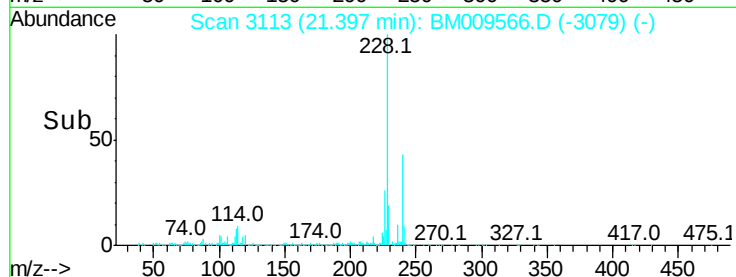
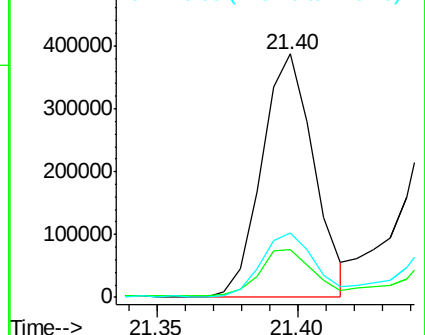
228 100

229 19.8 15.9 23.9

226 26.2 22.1 33.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 9.10 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

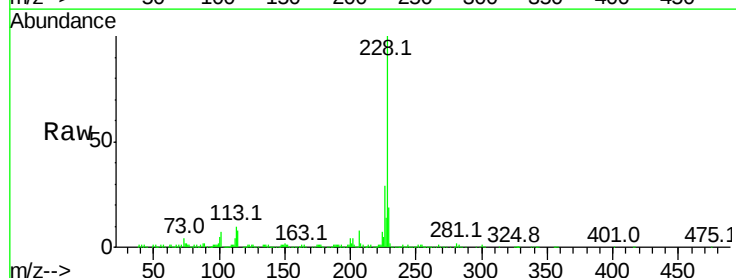
Tgt Ion:228 Resp: 488409

Ion Ratio Lower Upper

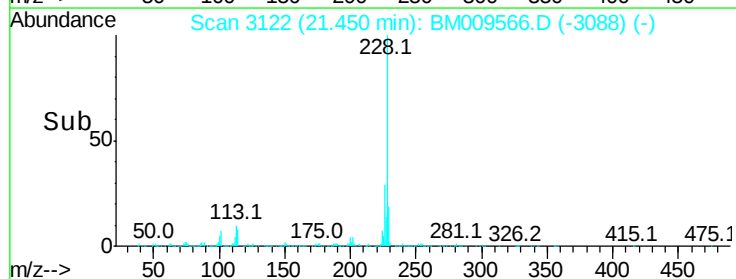
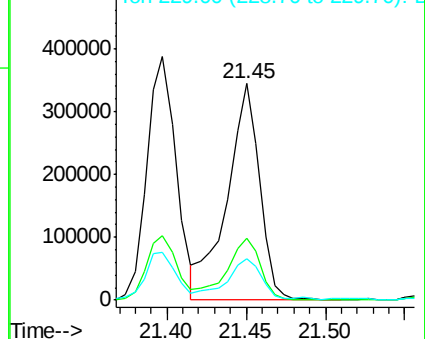
228 100

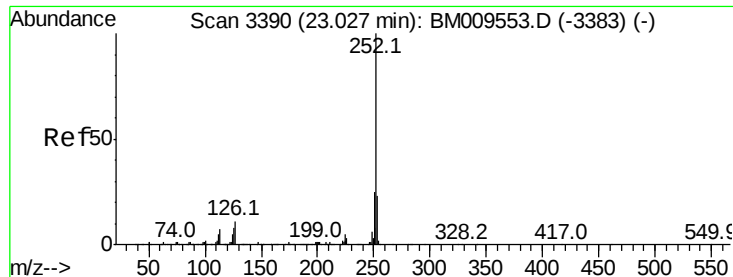
226 28.8 25.0 37.6

229 18.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 9.62 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Instrument :

BNA_M

ClientSampleId :

CB326

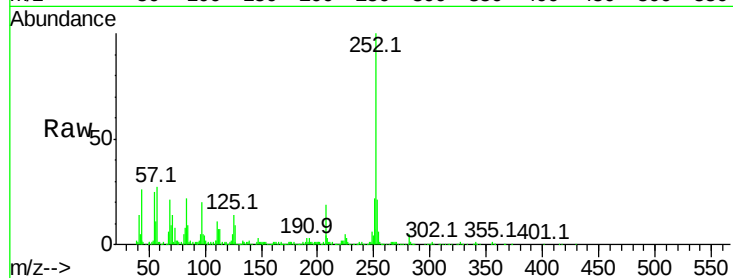
Tot Ion:252 Resp: 606422

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

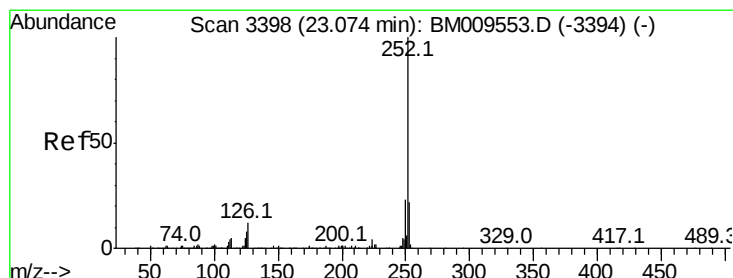
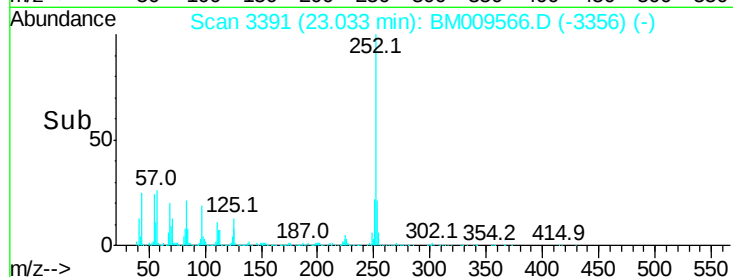
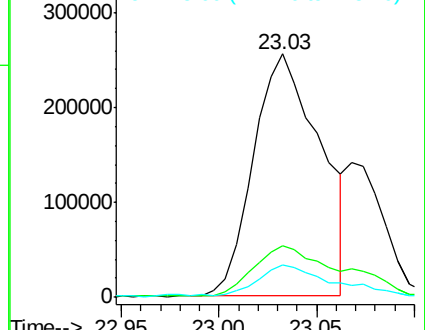
125 13.5 9.4 14.0



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: 1.33 ng/ul

RT: 23.21 min Scan# 3421

Delta R.T. 0.14 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

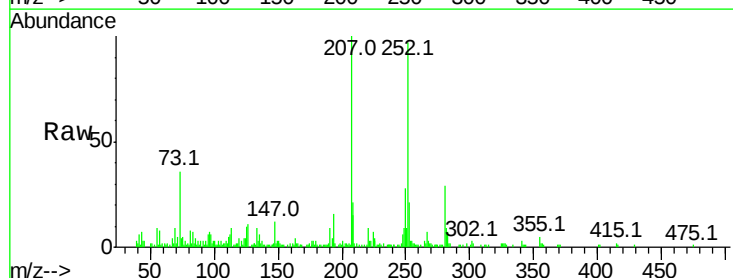
Tgt Ion:252 Resp: 79822

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

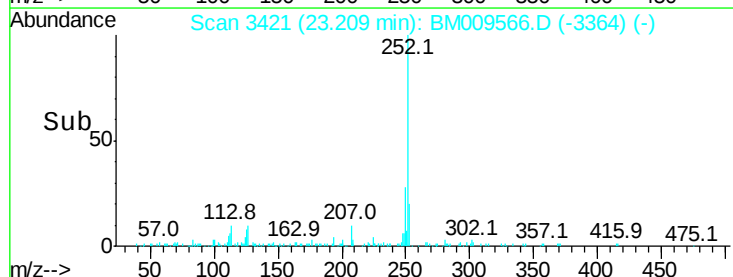
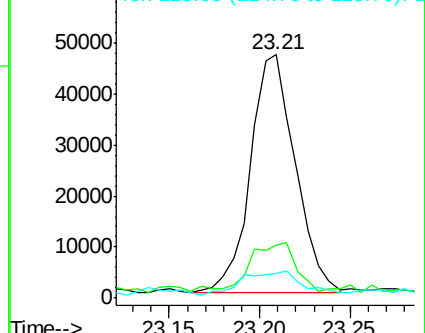
125 10.0 8.8 13.2

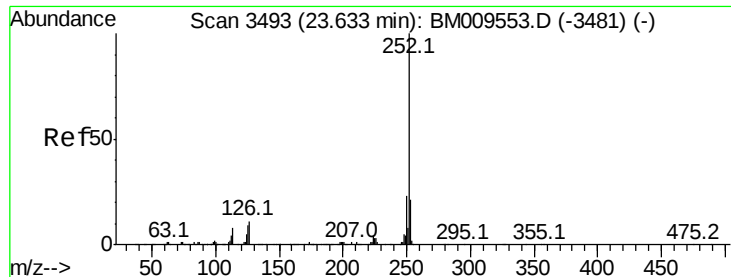


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 4.83 ng/ul

RT: 23.53 min Scan# 3476

Delta R.T. -0.10 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Instrument :

BNA_M

ClientSampled :

CB326

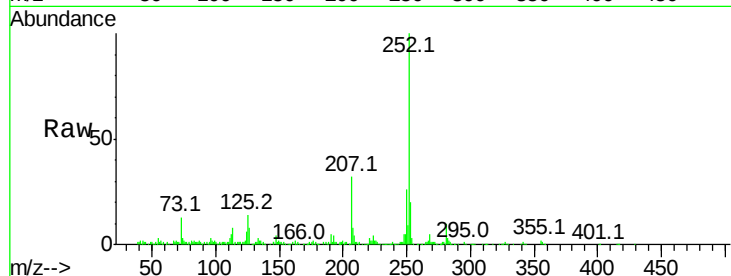
Tot Ion:252 Resp: 289292

Ion Ratio Lower Upper

252 100

253 20.4 17.1 25.7

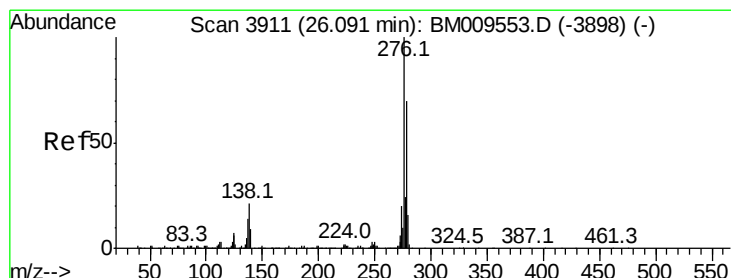
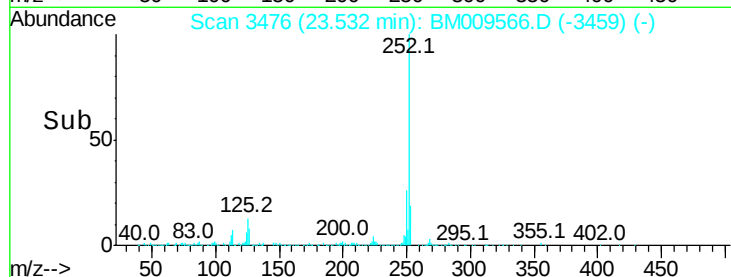
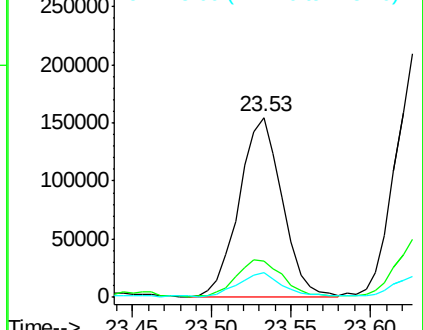
125 13.6 9.4 14.2



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: 3.93 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

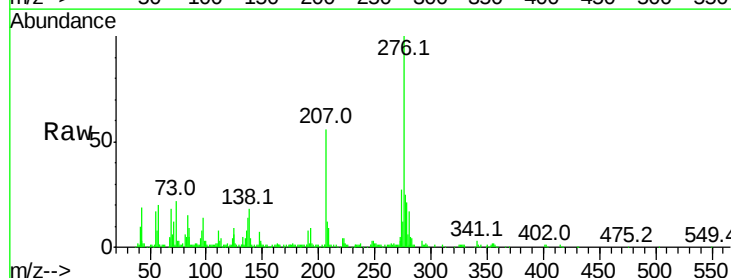
Tgt Ion:276 Resp: 264001

Ion Ratio Lower Upper

276 100

138 18.2 17.8 26.6

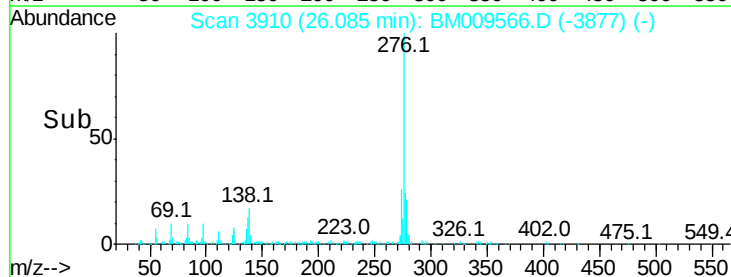
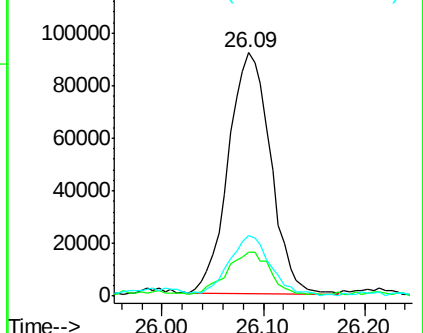
277 25.0 19.4 29.0

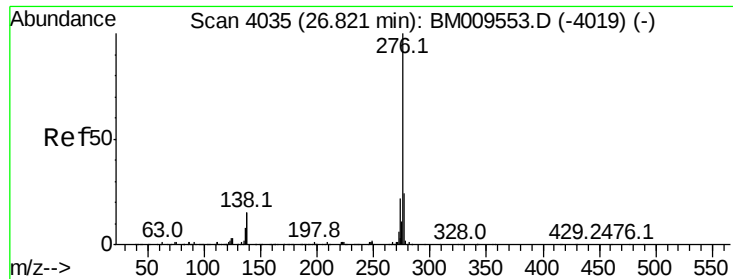


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(a,h,i)perylene

Concen: 4.14 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM009566.D

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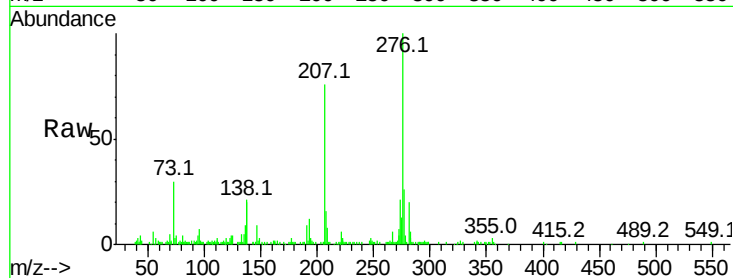
Tot Ion: 276 Resp: 229525

Ion Ratio Lower Upper

276 100

138 20.7 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

