

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009577.D
 Acq On : 06 Apr 2017 02:45
 Operator : SJ/MA
 Sample : I2524-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB362

Quant Time: Apr 06 03:50:33 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

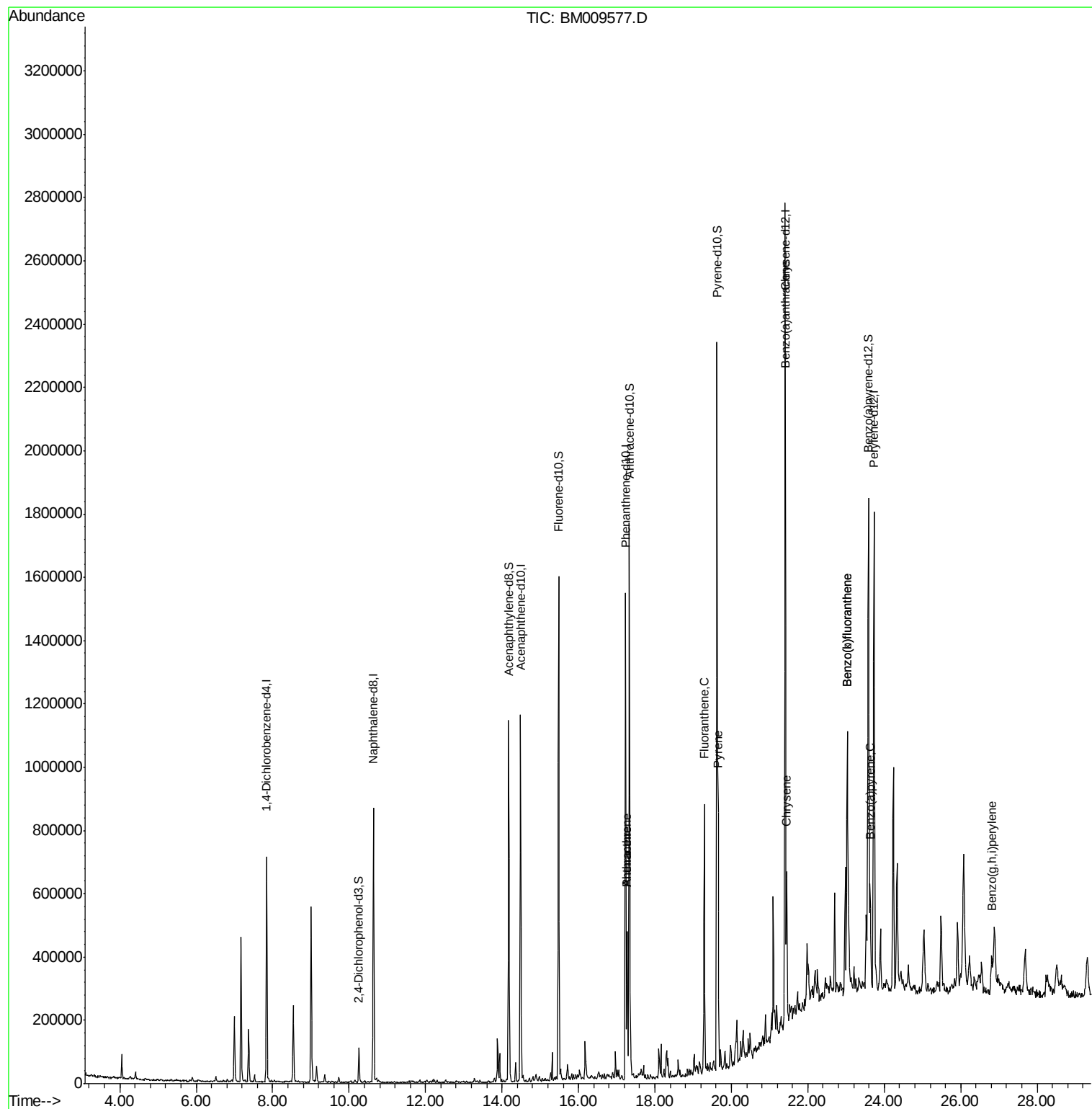
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	161716	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	622118	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	352590	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	819363	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1117797	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1096261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	34828	3.64	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	731294	21.16	ng/ul	0.00
10) Fluorene-d10	15.48	176	575981	23.17	ng/ul	0.00
15) Anthracene-d10	17.33	188	898139	22.91	ng/ul	0.00
19) Pyrene-d10	19.63	212	1078991	23.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1077617	22.26	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.27	178	253347	5.50	ng/ul	Qvalue 98
16) Anthracene	17.27	178	253347	5.32	ng/ul	99
17) Fluoranthene	19.29	202	476262	8.30	ng/ul#	94
20) Pyrene	19.66	202	447835	7.36	ng/ul	95
21) Benzo(a)anthracene	21.40	228	264468	4.18	ng/ul	96
22) Chrysene	21.44	228	267789	4.62	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	331635	4.89	ng/ul#	96
25) Benzo(k)fluoranthene	23.03	252	331635	5.13	ng/ul#	95
27) Benzo(a)pyrene	23.63	252	222827	3.46	ng/ul	97
30) Benzo(g,h,i)perylene	26.82	276	145418	2.44	ng/ul#	90

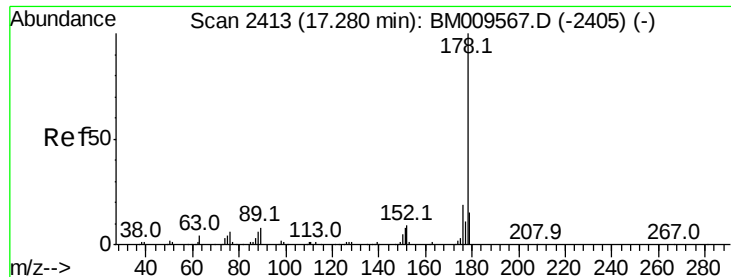
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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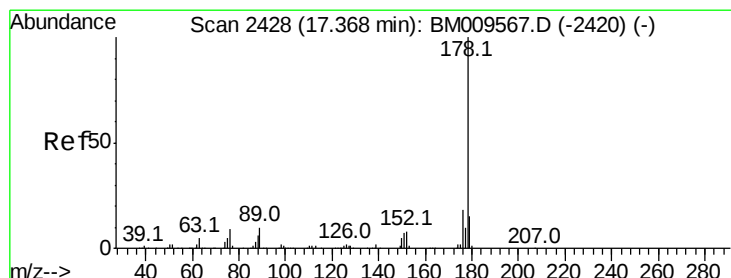
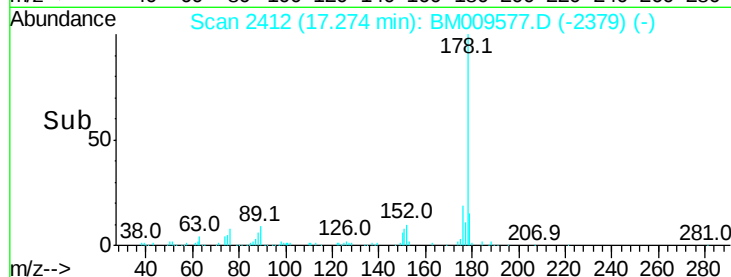
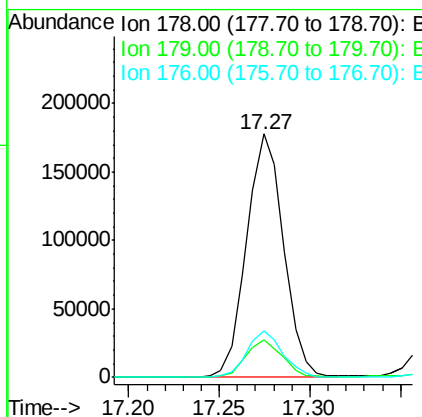
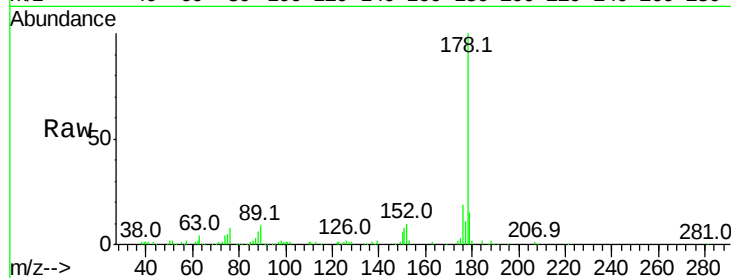




#14
Phenanthrene
Concen: 5.50 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009577.D
Acq: 06 Apr 2017 02:45

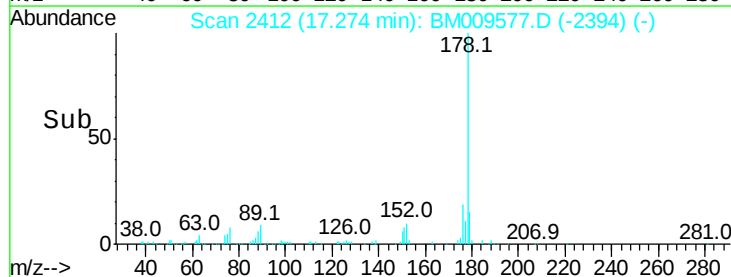
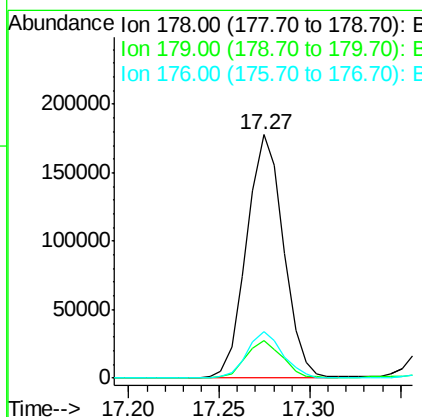
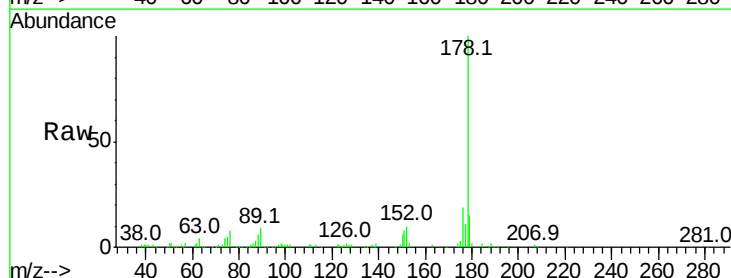
Instrument :
BNA_M
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CB362

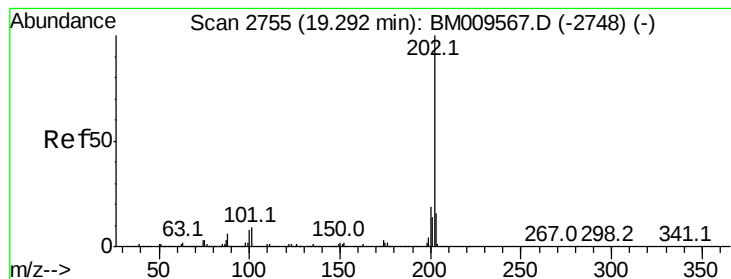
Tot Ion:178 Resp: 253347
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.1 16.4 24.6



#16
Anthracene
Concen: 5.32 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BM009577.D
Acq: 06 Apr 2017 02:45

Tgt Ion:178 Resp: 253347
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.1 15.8 23.8





#17

Fluoranthene

Concen: 8.30 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

Instrument :

BNA_M

ClientSampleId :

CB362

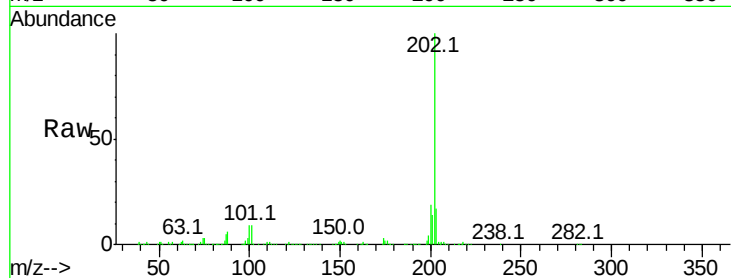
Tot Ion:202 Resp: 476262

Ion Ratio Lower Upper

202 100

101 8.5 9.8 14.8#

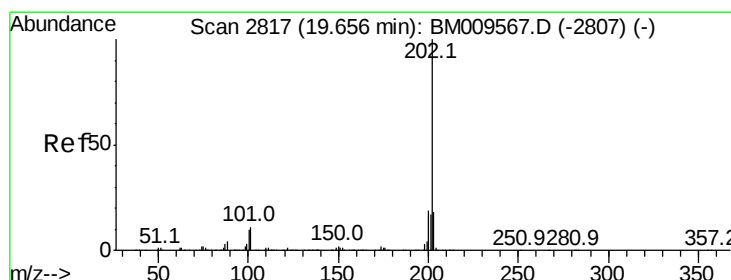
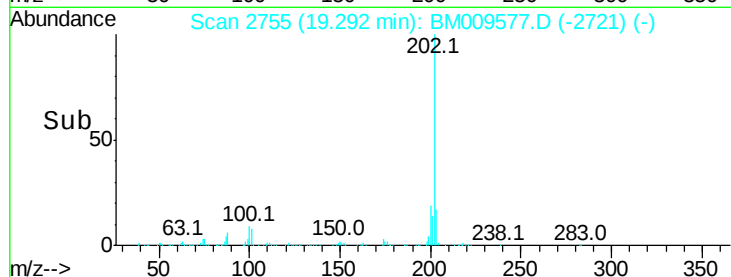
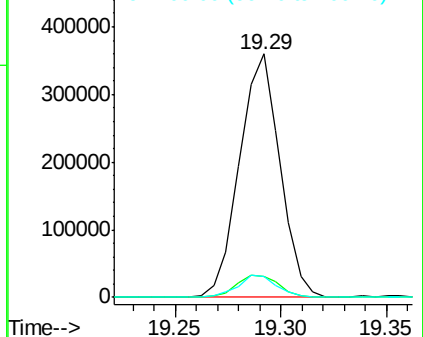
100 8.6 7.5 11.3



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: 7.36 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

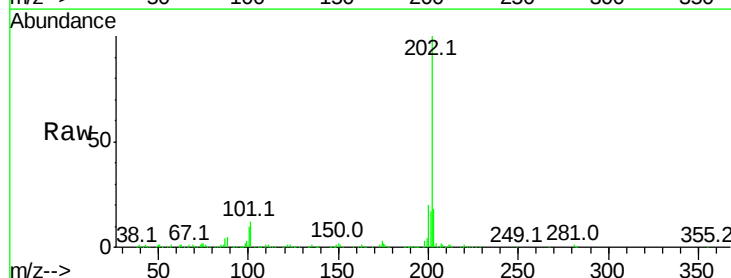
Tgt Ion:202 Resp: 447835

Ion Ratio Lower Upper

202 100

101 12.2 11.2 16.8

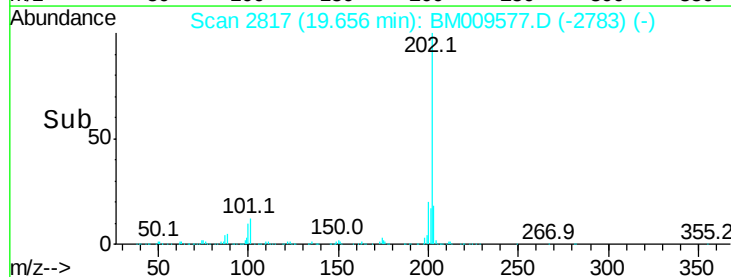
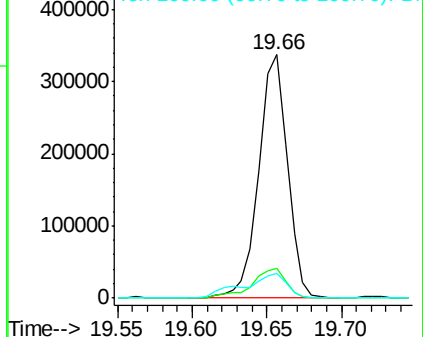
100 9.9 9.8 14.6

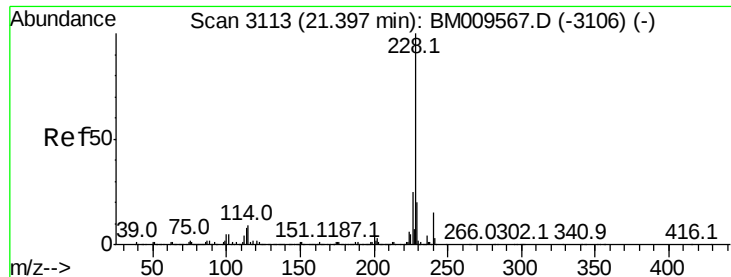


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 4.18 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

Instrument :

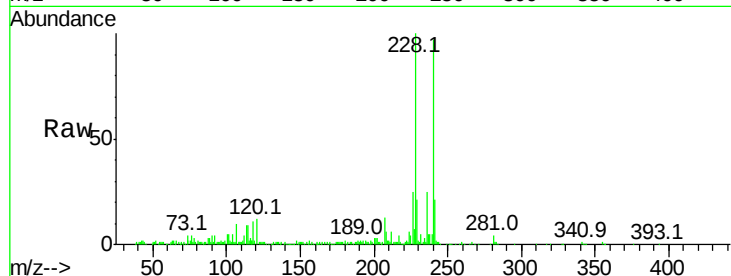
BNA_M

ClientSampleId :

CB362

Tot Ion:228 Resp: 264468

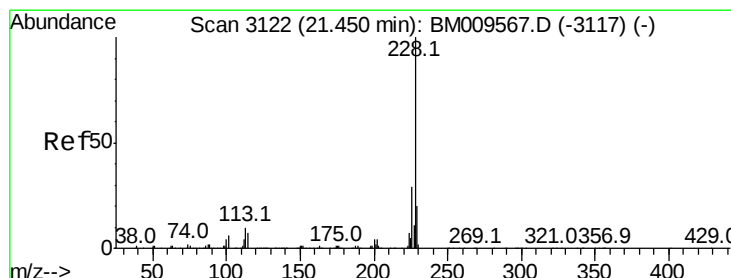
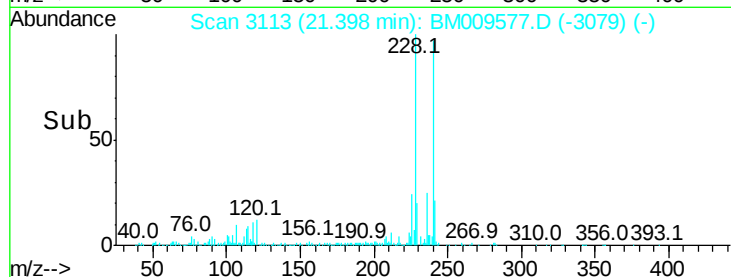
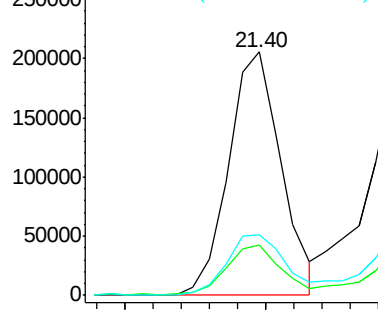
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	24.6	22.1	33.1



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: 4.62 ng/ul

RT: 21.44 min Scan# 3121

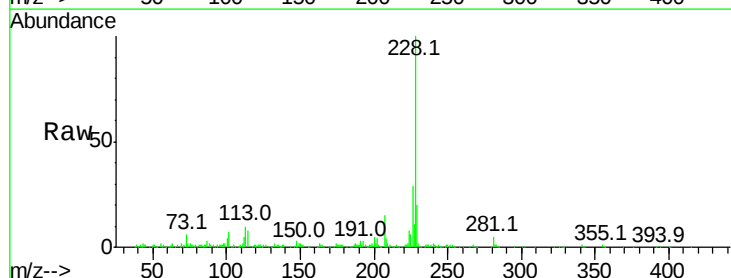
Delta R.T. -0.01 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

Tgt Ion:228 Resp: 267789

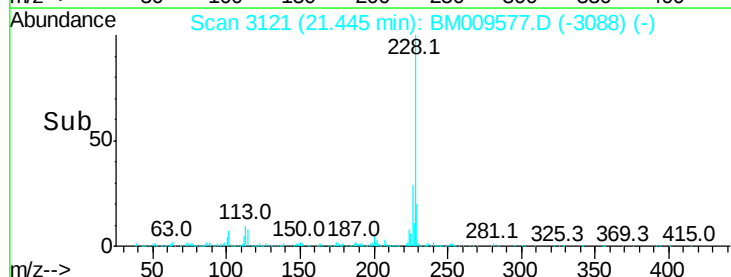
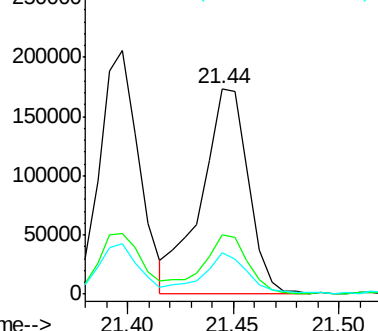
Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	20.4	16.6	25.0

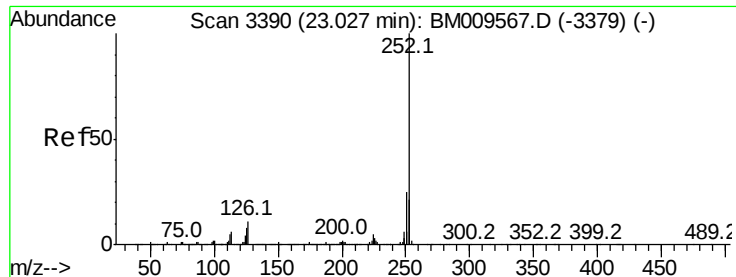


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 4.89 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

Instrument :

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ClientSampleId :

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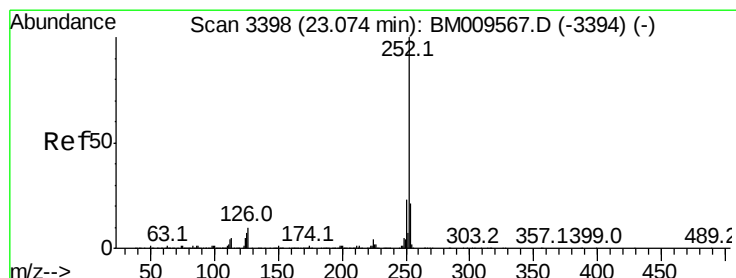
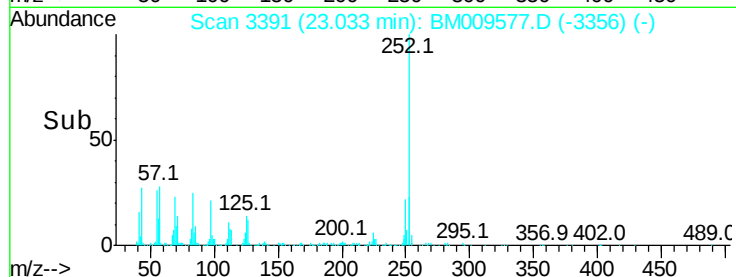
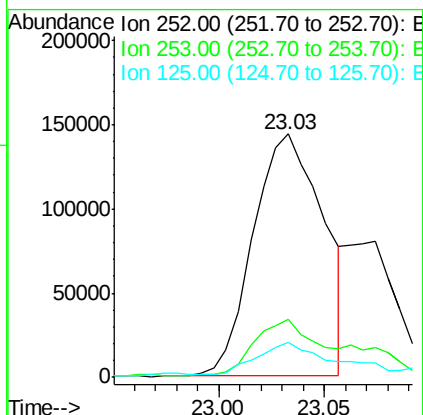
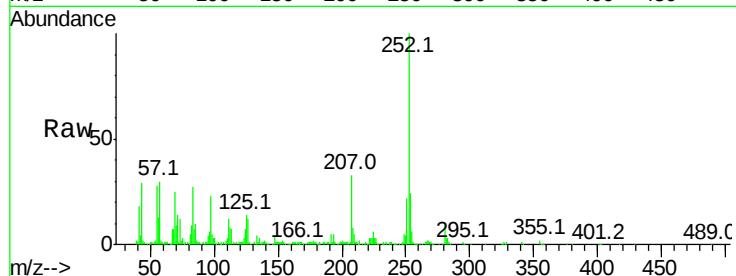
Tot Ion:252 Resp: 331635

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 14.3 9.4 14.0#



#25

Benzo(k)fluoranthene

Concen: 5.13 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. -0.04 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

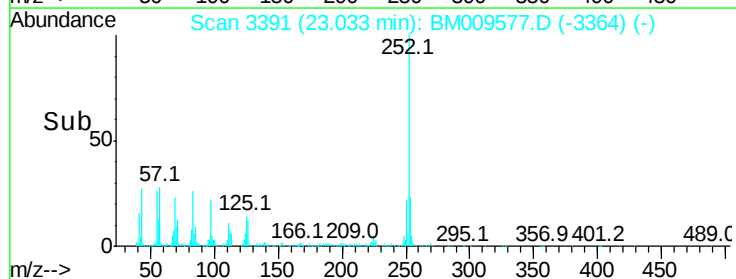
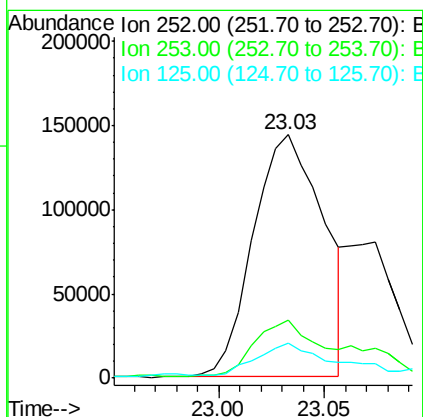
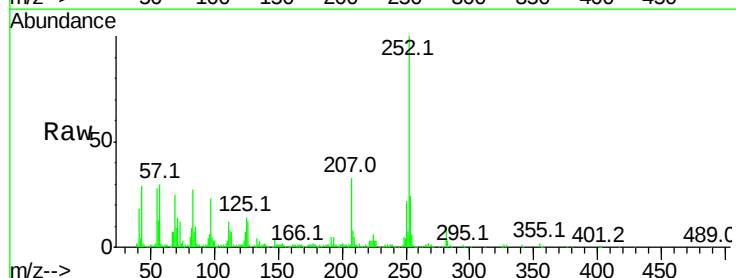
Tgt Ion:252 Resp: 331635

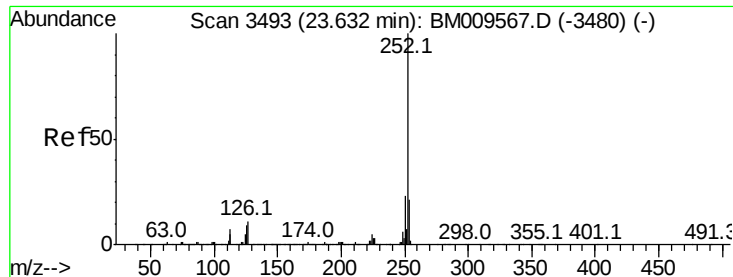
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 14.3 8.8 13.2#





#27

Benzo(a)pyrene

Concen: 3.46 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

Instrument :

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ClientSampleId :

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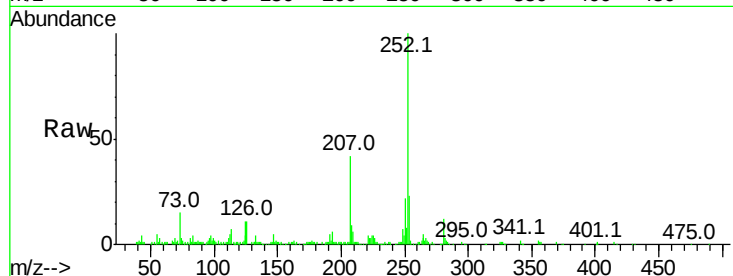
Tot Ion:252 Resp: 222827

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

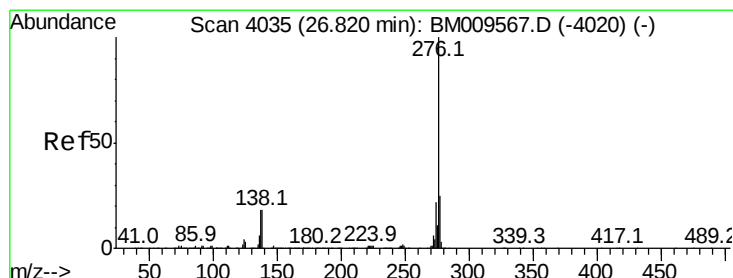
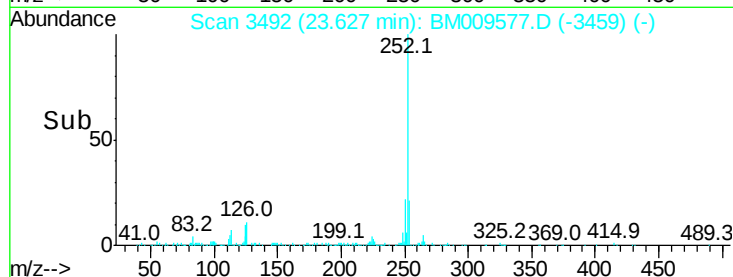
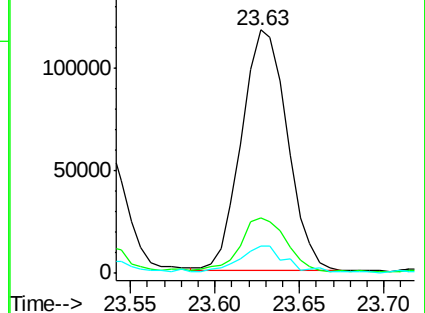
125 11.0 9.4 14.2



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



#30

Benzo(g,h,i)perylene

Concen: 2.44 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.00 min

Lab File: BM009577.D

Acq: 06 Apr 2017 02:45

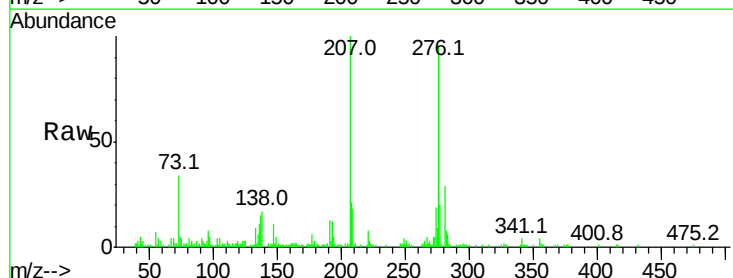
Tgt Ion:276 Resp: 145418

Ion Ratio Lower Upper

276 100

138 17.4 19.0 28.4#

277 20.9 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

