

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009580.D
 Acq On : 06 Apr 2017 04:33
 Operator : SJ/MA
 Sample : I2524-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB361

Quant Time: Apr 06 05:41:50 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	158685	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	620246	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	355403	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	816244	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1133148	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1095453	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.25	165	43612	4.57	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	681026	19.55	ng/ul	0.00
10) Fluorene-d10	15.48	176	536935	21.43	ng/ul	0.00
15) Anthracene-d10	17.33	188	842398	21.57	ng/ul	0.00
19) Pyrene-d10	19.63	212	996709	21.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	974345	20.15	ng/ul	0.00

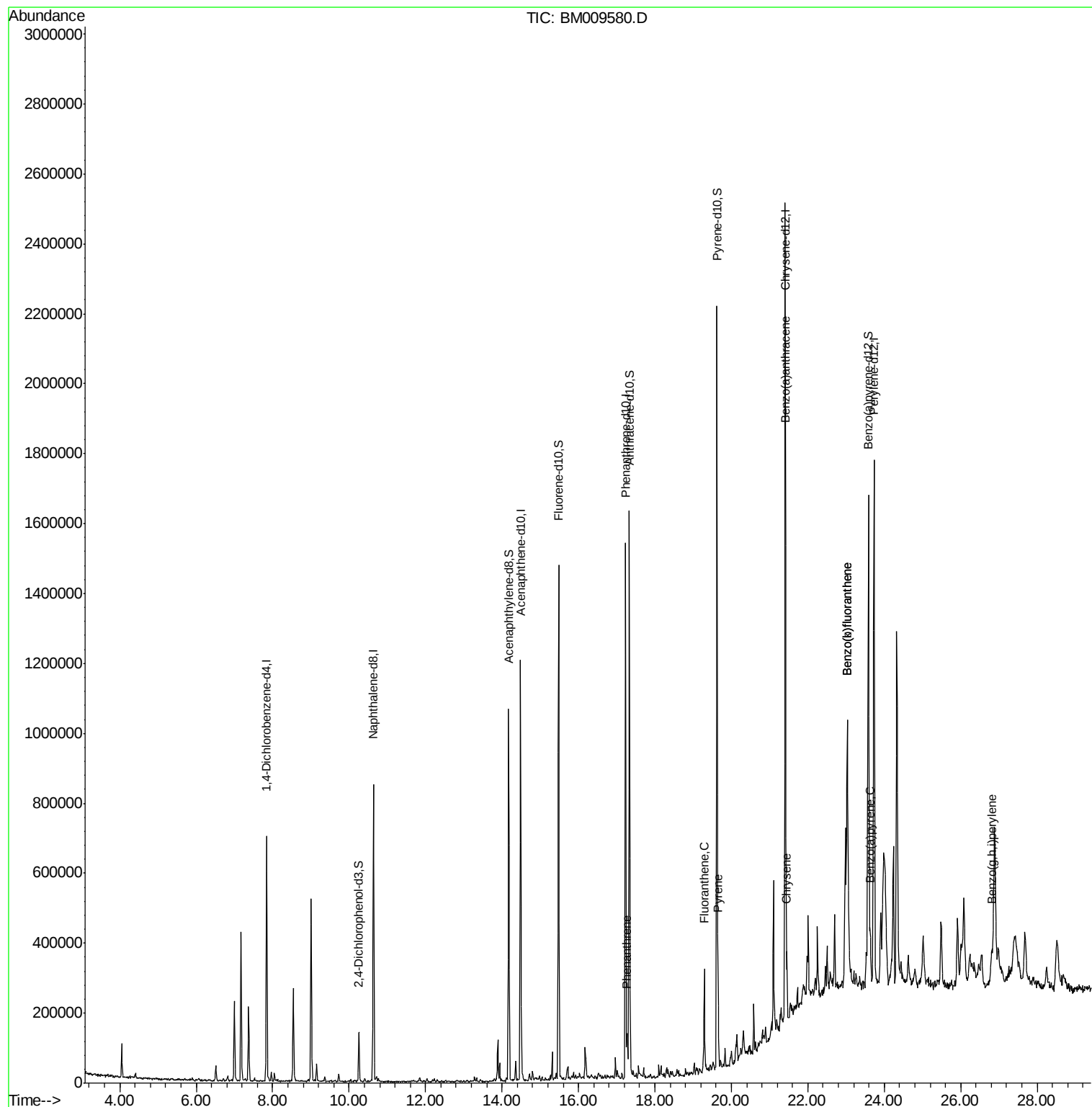
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.27	178	67636	1.47	ng/ul	93
17) Fluoranthene	19.29	202	163070	2.85	ng/ul	97
20) Pyrene	19.66	202	149690	2.43	ng/ul	98
21) Benzo(a)anthracene	21.40	228	97704	1.53	ng/ul	96
22) Chrysene	21.44	228	106510	1.81	ng/ul#	94
24) Benzo(b)fluoranthene	23.03	252	149716	2.21	ng/ul#	88
25) Benzo(k)fluoranthene	23.03	252	149716	2.32	ng/ul#	86
27) Benzo(a)pyrene	23.63	252	86159	1.34	ng/ul	94
30) Benzo(g,h,i)perylene	26.82	276	60978	1.02	ng/ul	93

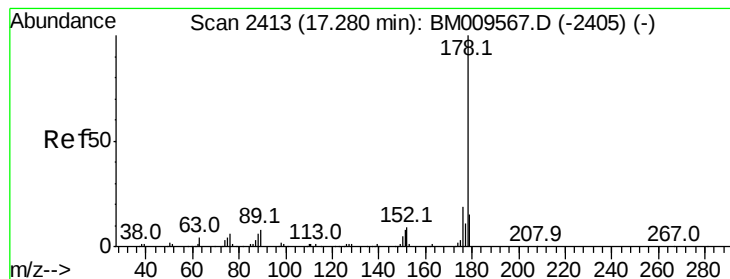
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.47 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

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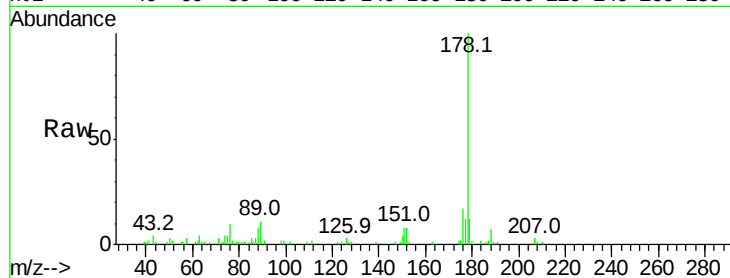
Tot Ion:178 Resp: 67636

Ion Ratio Lower Upper

178 100

179 12.2 12.2 18.4

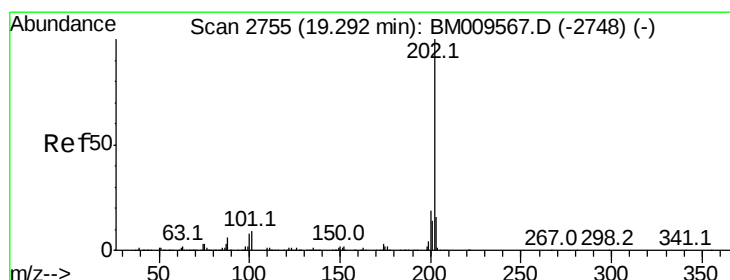
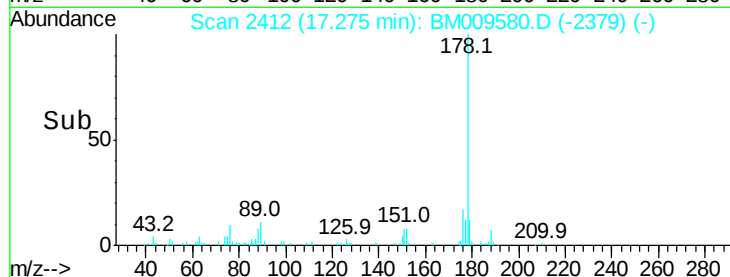
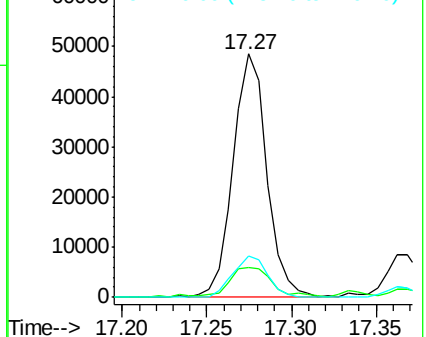
176 17.2 16.4 24.6



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



#17

Fluoranthene

Concen: 2.85 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM009580.D

Acq: 06 Apr 2017 04:33

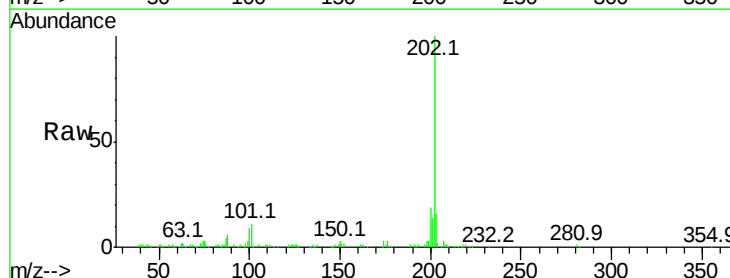
Tgt Ion:202 Resp: 163070

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

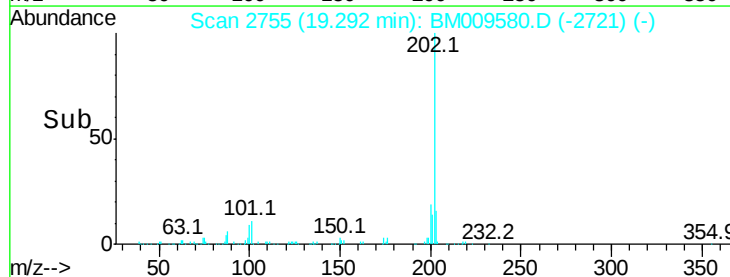
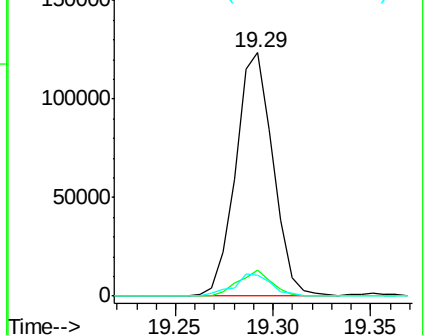
100 8.7 7.5 11.3

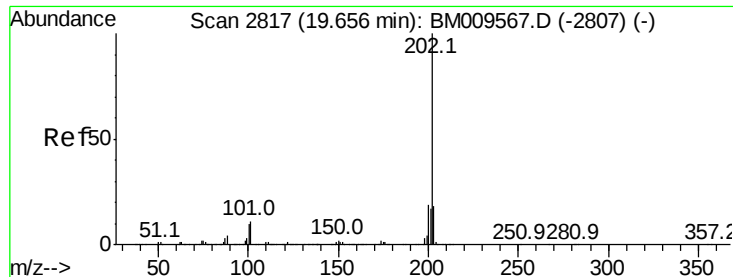


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

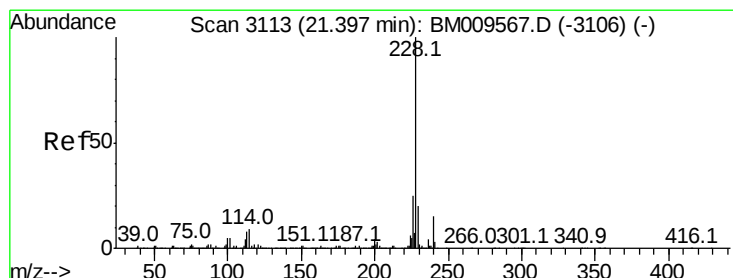
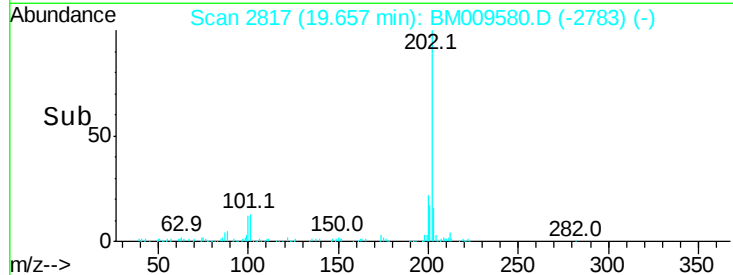
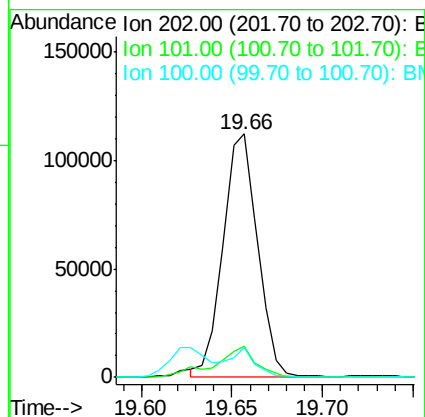
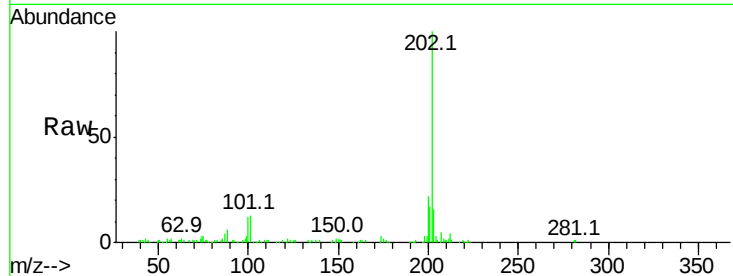




#20
Pvrene
Concen: 2.43 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009580.D
Acq: 06 Apr 2017 04:33

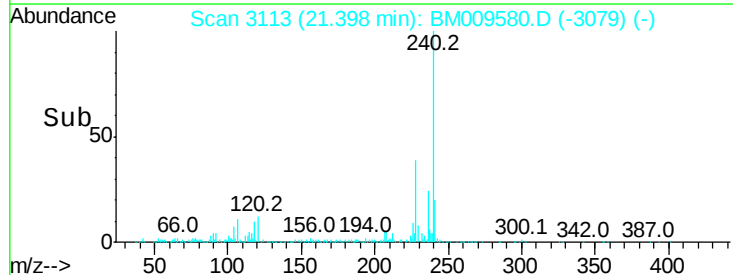
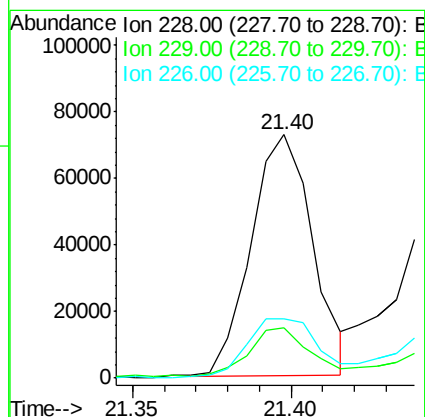
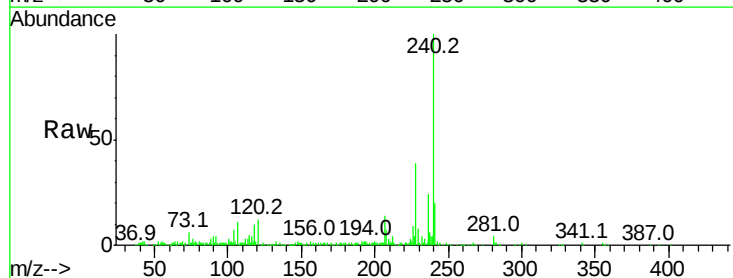
Instrument :
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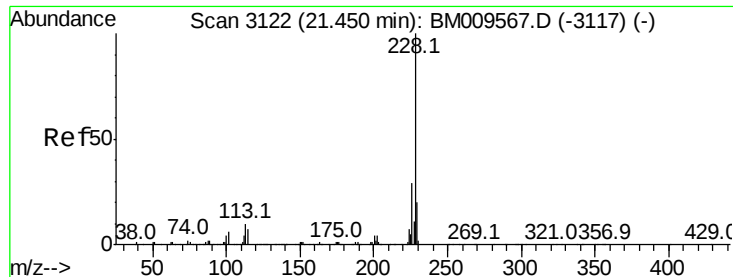
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.2	16.8
100	12.1	9.8	14.6



#21
Benzo(a)anthracene
Concen: 1.53 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009580.D
Acq: 06 Apr 2017 04:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	24.2	22.1	33.1





#22

Chrysene

Concen: 1.81 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM009580.D

Acq: 06 Apr 2017 04:33

Instrument :

BNA_M

ClientSampled :

CB361

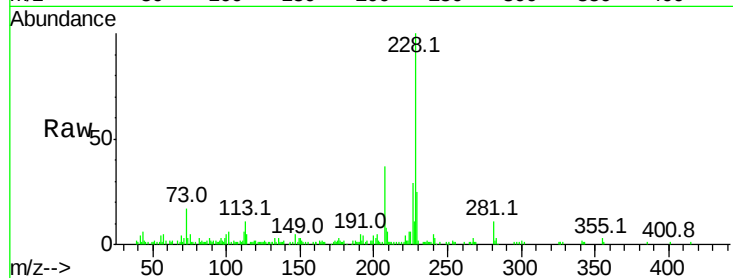
Tot Ion:228 Resp: 106510

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	25.1	16.6	25.0#

228 100

226 29.1 25.0 37.6

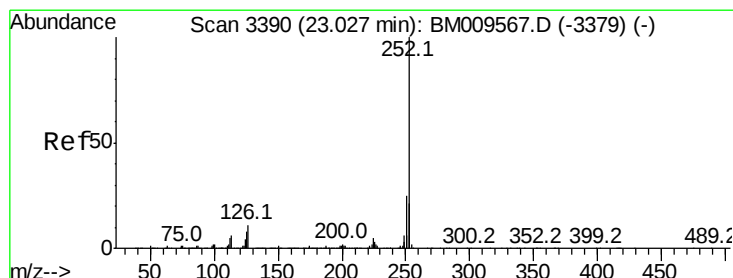
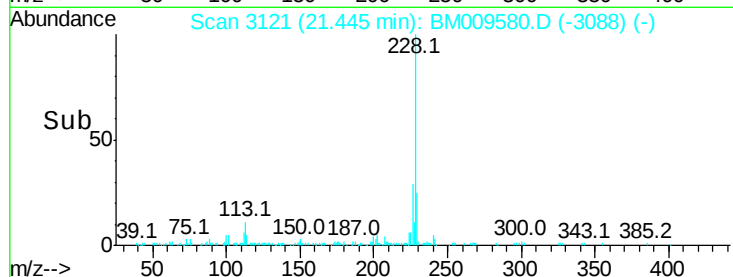
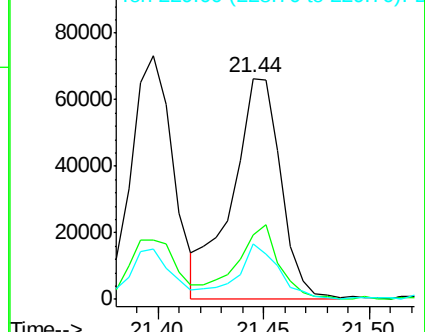
229 25.1 16.6 25.0#



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: 2.21 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.00 min

Lab File: BM009580.D

Acq: 06 Apr 2017 04:33

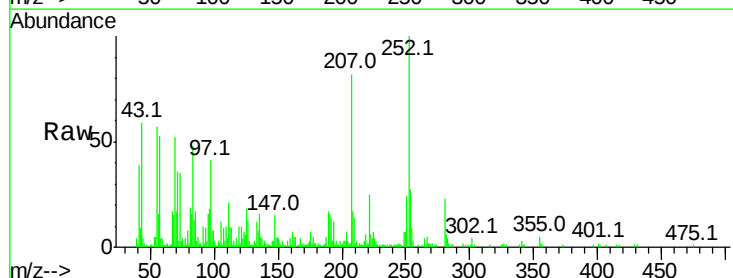
Tgt Ion:252 Resp: 149716

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.6#
125	18.5	9.4	14.0#

252 100

253 26.8 17.8 26.6#

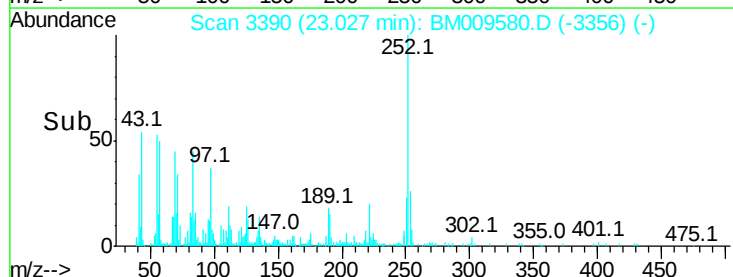
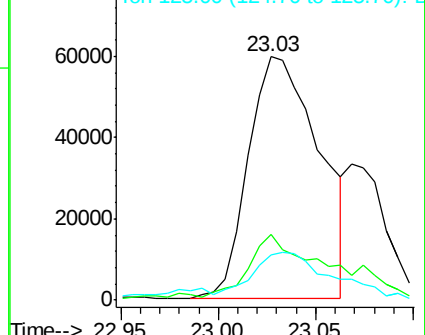
125 18.5 9.4 14.0#

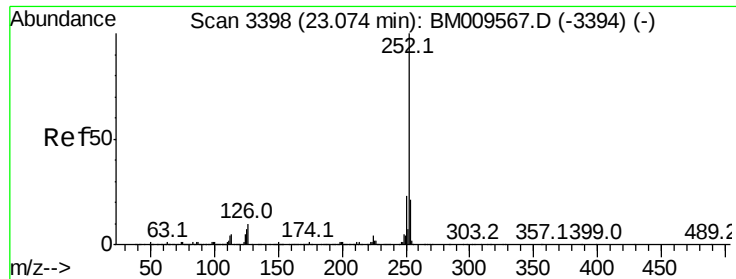


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 2.32 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM009580.D

Acq: 06 Apr 2017 04:33

Instrument :

BNA_M

ClientSampled :

CB361

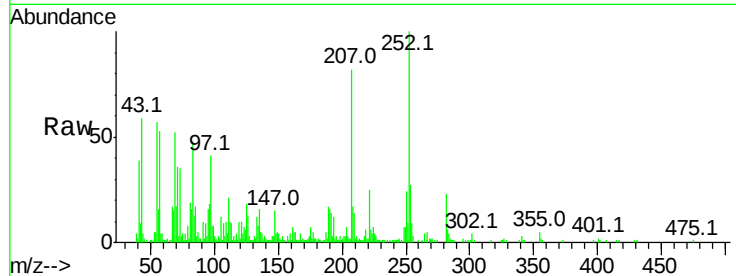
Tot Ion:252 Resp: 149716

Ion Ratio Lower Upper

252 100

253 26.8 17.4 26.2#

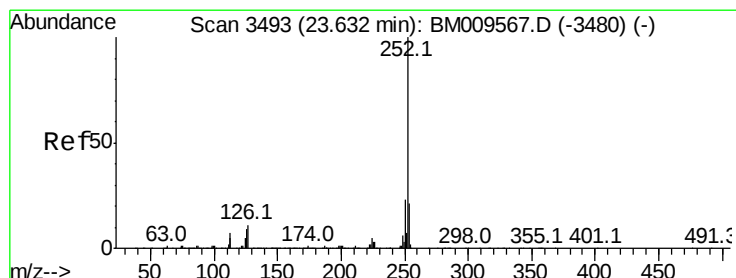
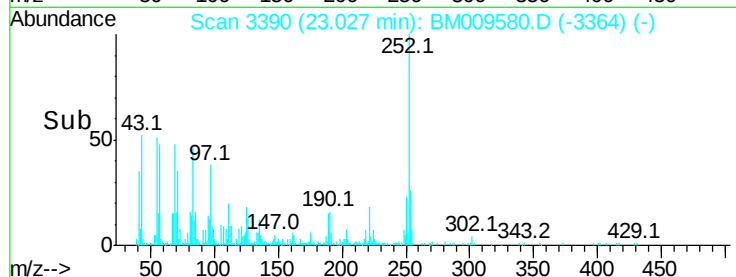
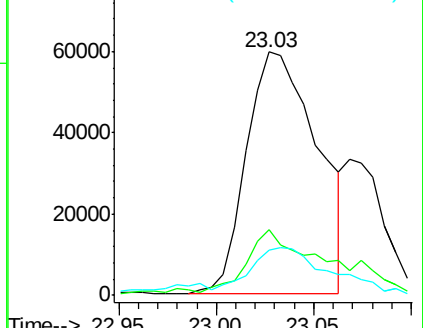
125 18.5 8.8 13.2#



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: 1.34 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM009580.D

Acq: 06 Apr 2017 04:33

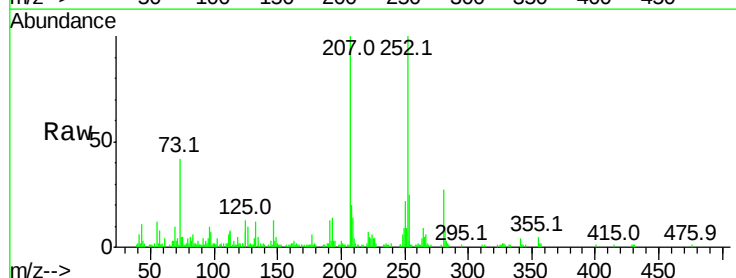
Tgt Ion:252 Resp: 86159

Ion Ratio Lower Upper

252 100

253 25.2 17.1 25.7

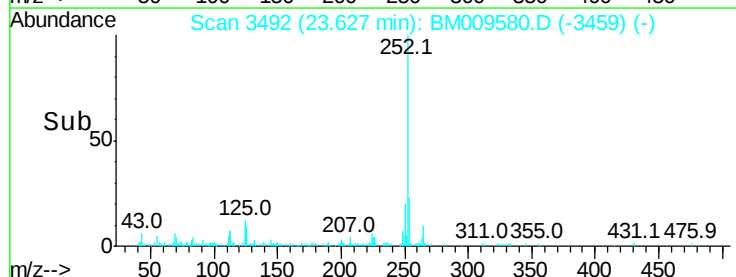
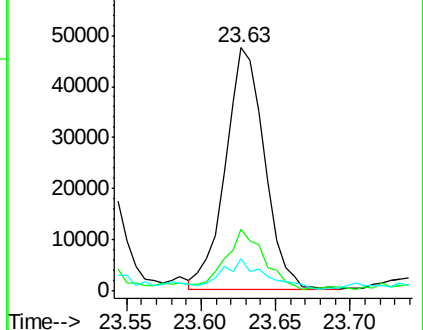
125 13.2 9.4 14.2

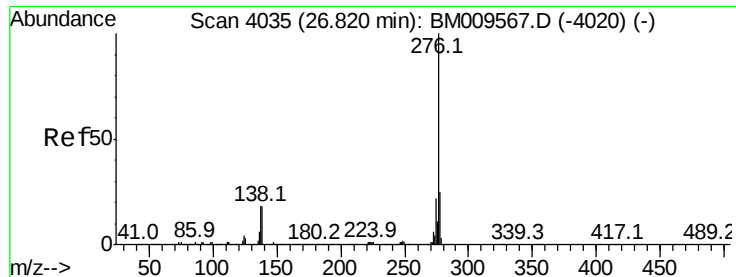


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#30

Benzo(a,h,i)perylene

Concen: 1.02 ng/ul

RT: 26.82 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM009580.D

Acq: 06 Apr 2017 04:33

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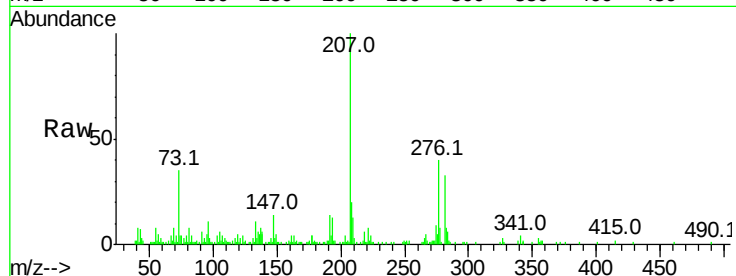
Tot Ion:276 Resp: 60978

Ion Ratio Lower Upper

276 100

138 25.9 19.0 28.4

277 20.1 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

