

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002339.D
 Acq On : 12 Aug 2015 01:19
 Operator : UM/IZ
 Sample : G3162-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C80

Quant Time: Aug 12 04:51:26 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	193071	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	928140	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	515209	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1051651	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	881422	20.00	ng/ul	0.00
22) Perylene-d12	24.96	264	673217	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1194356	22.38	ng/ul	0.00
10) Fluorene-d10	16.45	176	787918	21.23	ng/ul	0.00
14) Anthracene-d10	18.29	188	1104187	21.64	ng/ul	0.00
18) Pyrene-d10	20.50	212	1070727	25.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	697754	19.52	ng/ul	0.00

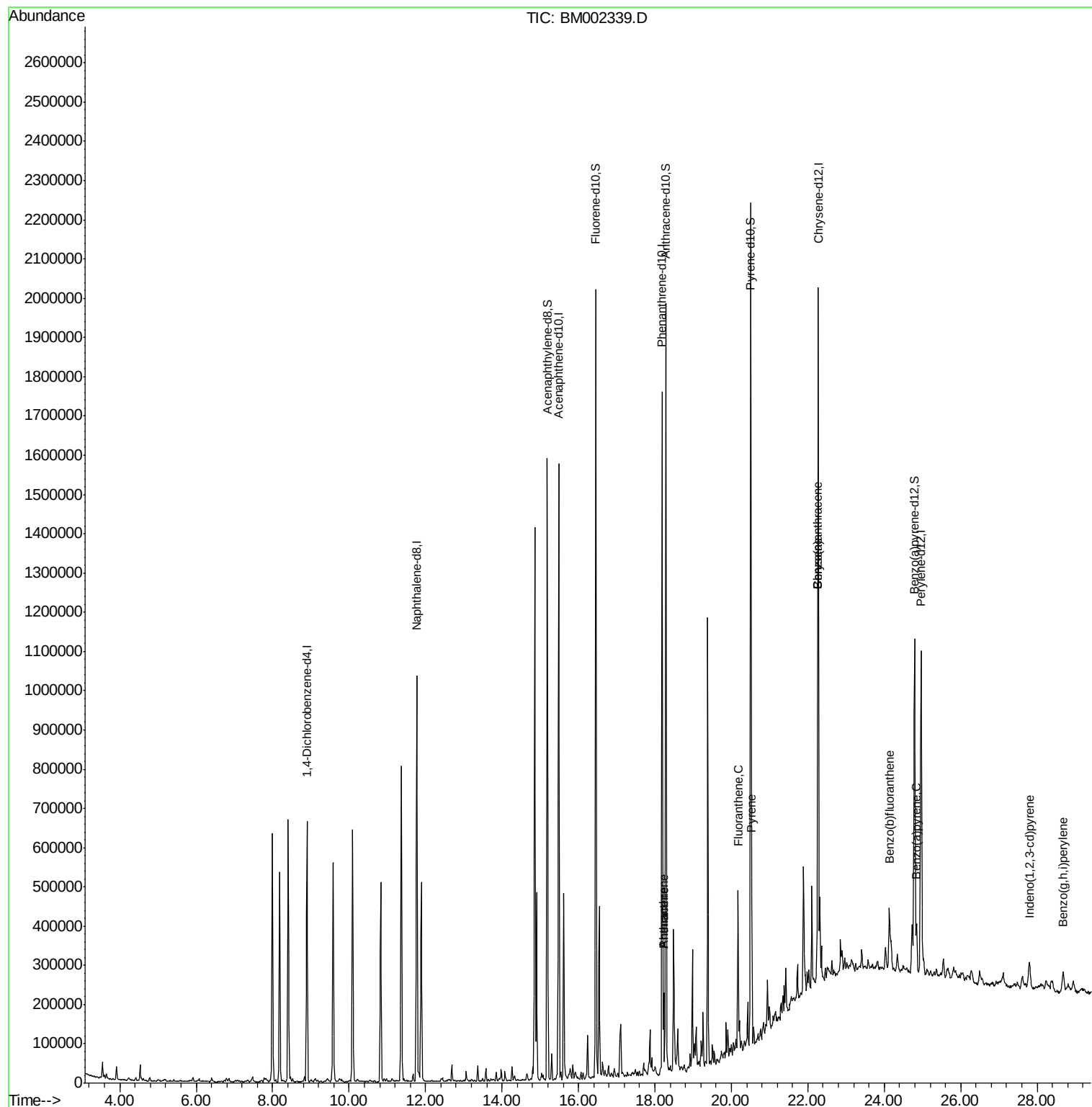
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	124382	2.05	ng/ul	99
15) Anthracene	18.23	178	125469	2.01	ng/ul	99
16) Fluoranthene	20.17	202	242008	3.61	ng/ul	99
19) Pyrene	20.53	202	199158	3.50	ng/ul	98
20) Benzo(a)anthracene	22.26	228	109694	2.04	ng/ul	96
21) Chrysene	22.26	228	109398	2.15	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	153672	3.67	ng/ul#	96
26) Benzo(a)pyrene	24.84	252	92476	2.31	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.80	276	70290	1.53	ng/ul	94
29) Benzo(g,h,i)perylene	28.68	276	64141	1.66	ng/ul	97

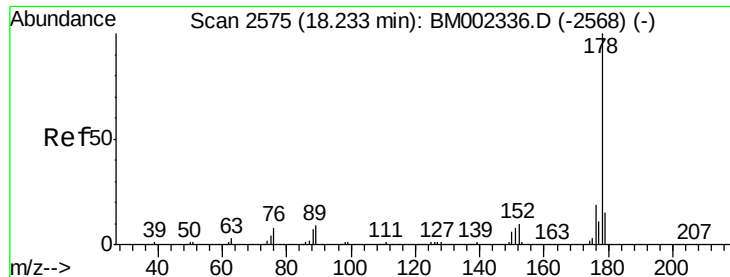
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.05 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BM002339.D

Acq: 12 Aug 2015 01:19

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D9C80

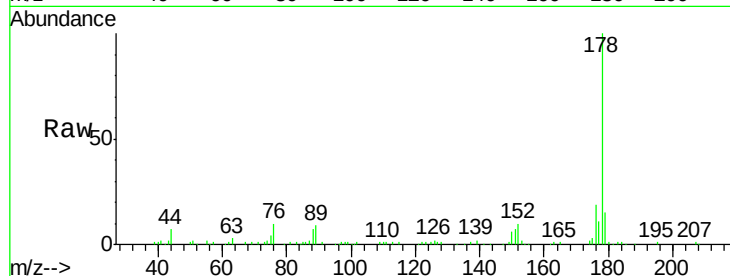
Tgt Ion:178 Resp: 124382

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

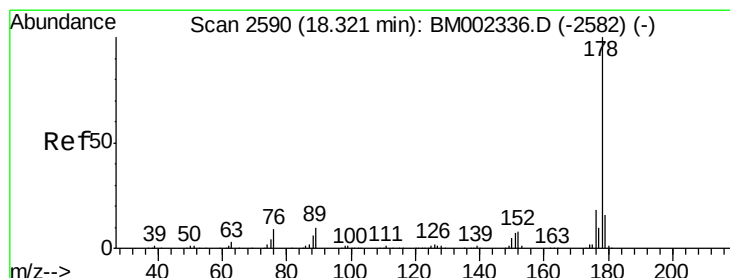
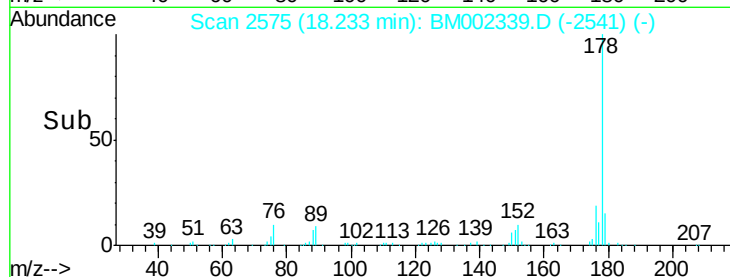
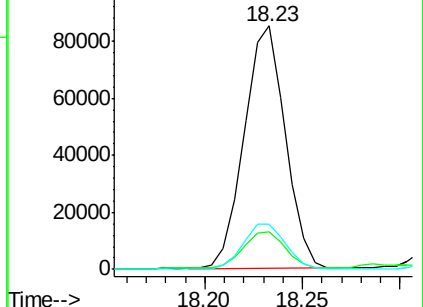
176 18.5 15.3 22.9



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



#15

Anthracene

Concen: 2.01 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.09 min

Lab File: BM002339.D

Acq: 12 Aug 2015 01:19

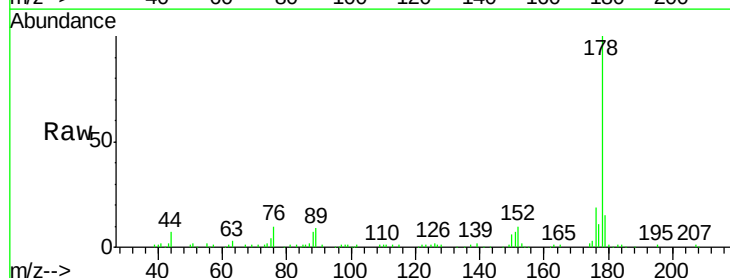
Tgt Ion:178 Resp: 125469

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

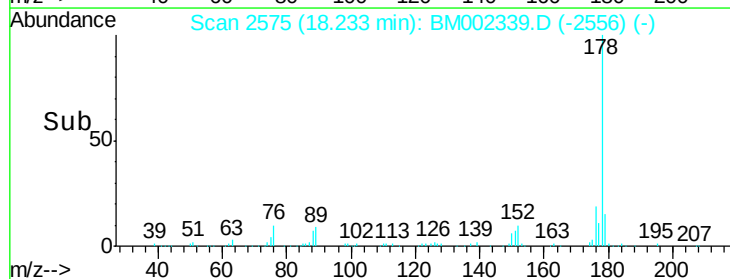
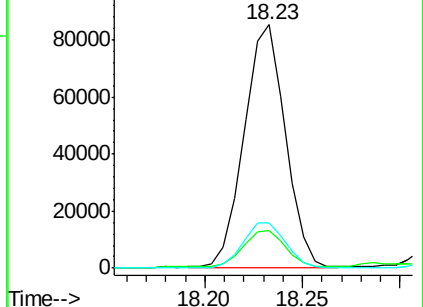
176 18.5 14.5 21.7

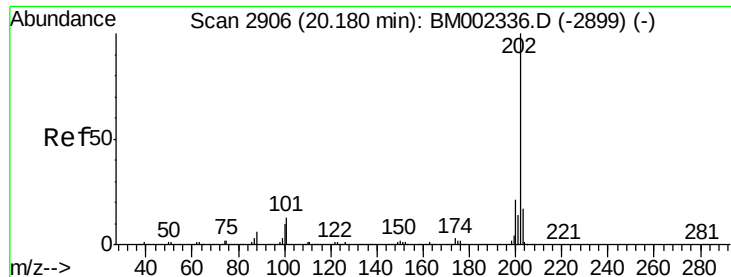


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

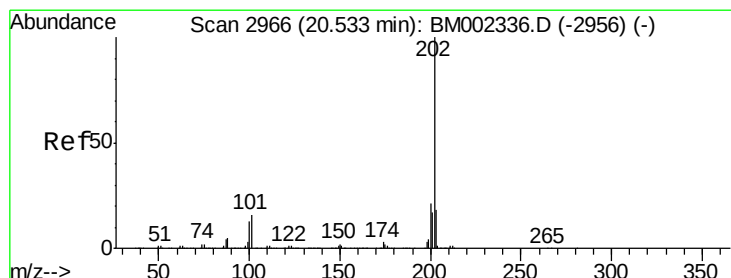
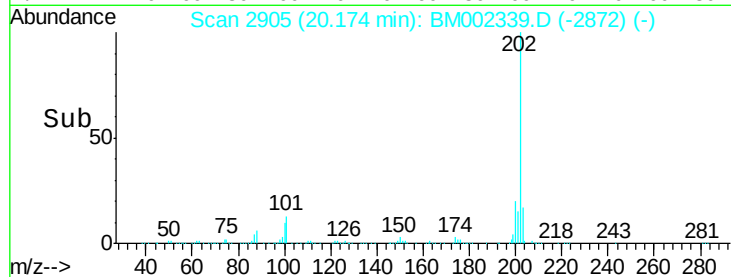
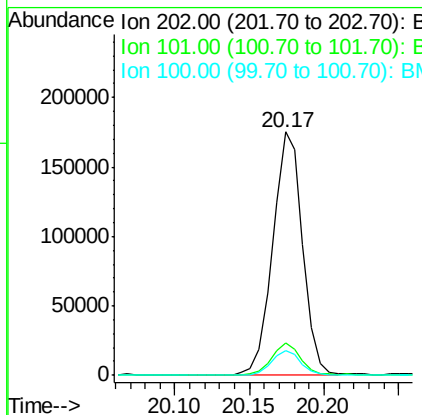
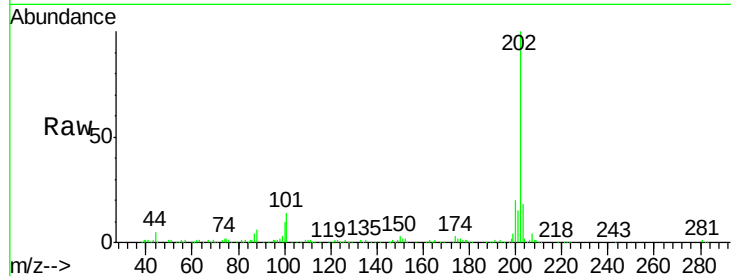




#16
 Fluoranthene
 Concen: 3.61 ng/ul
 RT: 20.17 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BM002339.D
 Acq: 12 Aug 2015 01:19

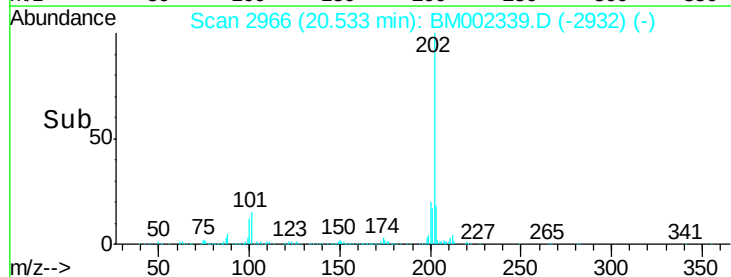
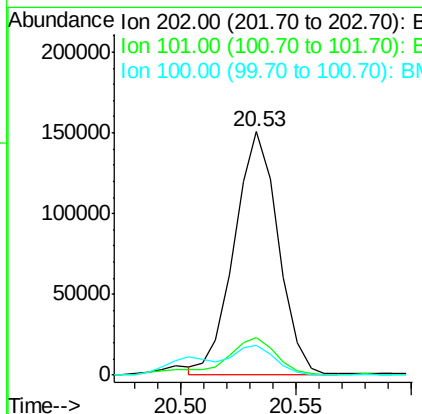
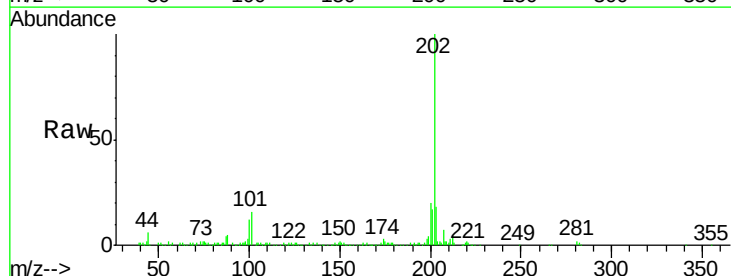
Instrument :
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 ClientSampleId :
 D9C80

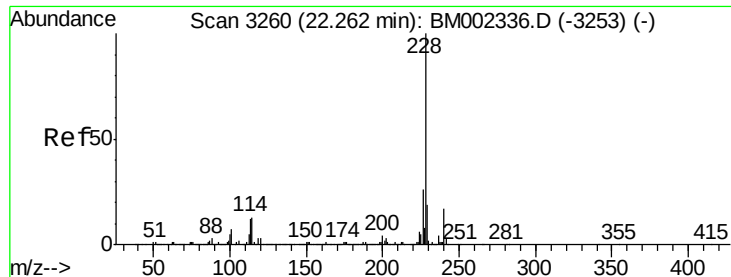
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.0	8.2	12.4



#19
 Pyrene
 Concen: 3.50 ng/ul
 RT: 20.53 min Scan# 2966
 Delta R.T. -0.00 min
 Lab File: BM002339.D
 Acq: 12 Aug 2015 01:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.0	19.6
100	12.5	11.0	16.4





#20

Benzo(a)anthracene

Concen: 2.04 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BM002339.D

Acq: 12 Aug 2015 01:19

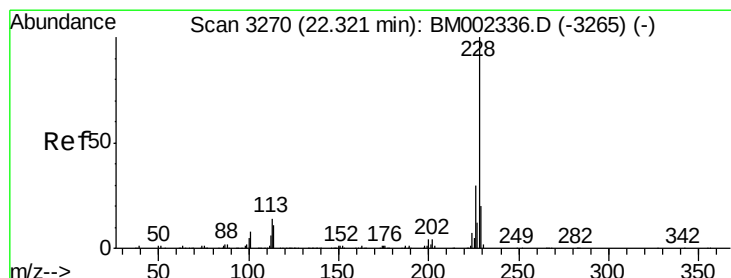
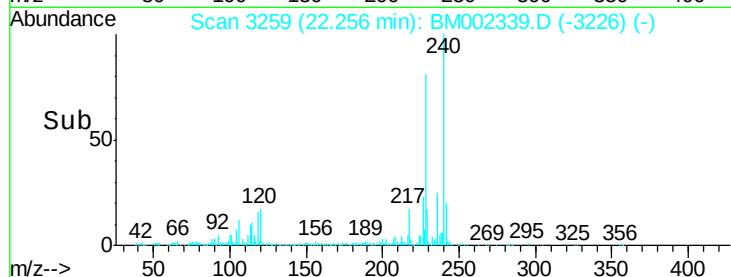
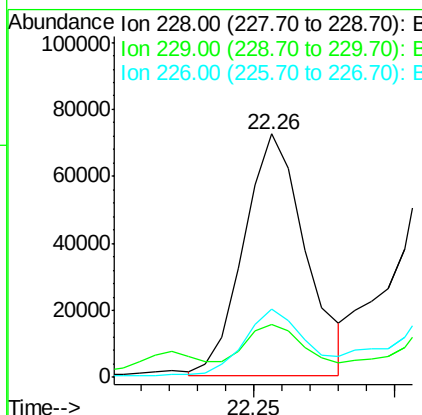
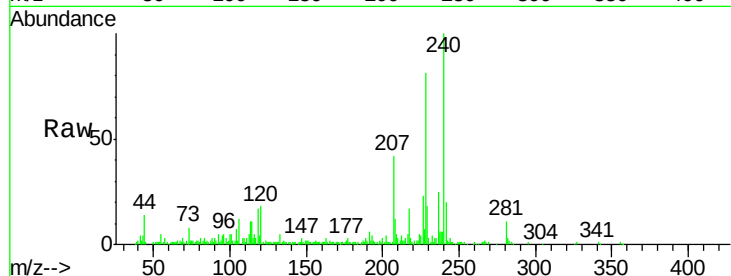
Instrument :

BNA_M

ClientSampleId :

D9C80

Tgt Ion:	228	Resp:	109694
Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	28.2	21.4	32.0



#21

Chrysene

Concen: 2.15 ng/ul

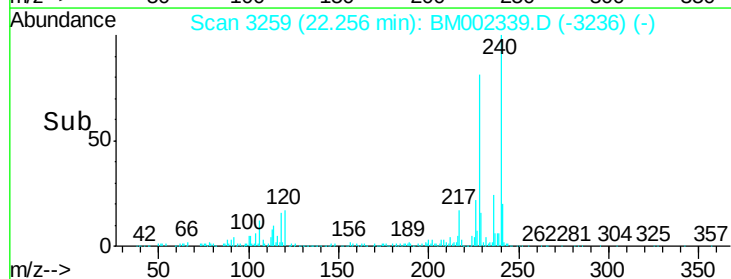
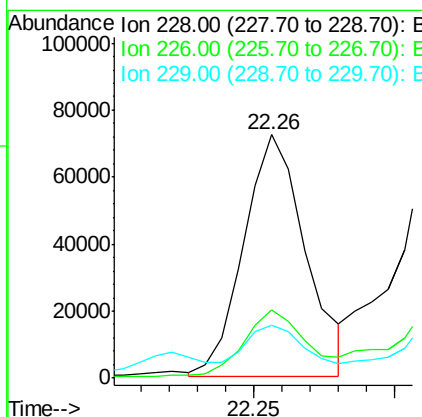
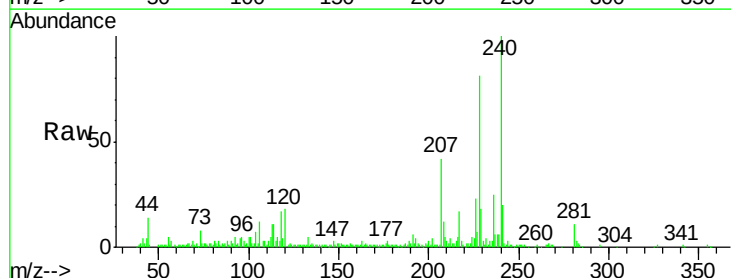
RT: 22.26 min Scan# 3259

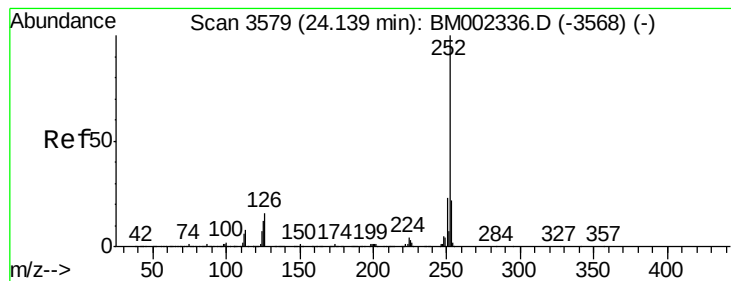
Delta R.T. -0.06 min

Lab File: BM002339.D

Acq: 12 Aug 2015 01:19

Tgt Ion:	228	Resp:	109398
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.0
229	21.9	15.5	23.3





#23

Benzo(b)fluoranthene

Concen: 3.67 ng/ul

RT: 24.13 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BM002339.D

Acq: 12 Aug 2015 01:19

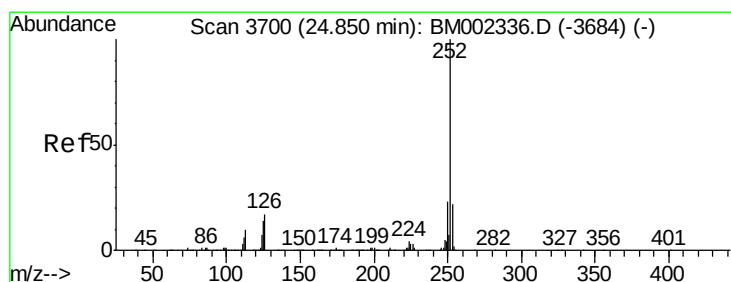
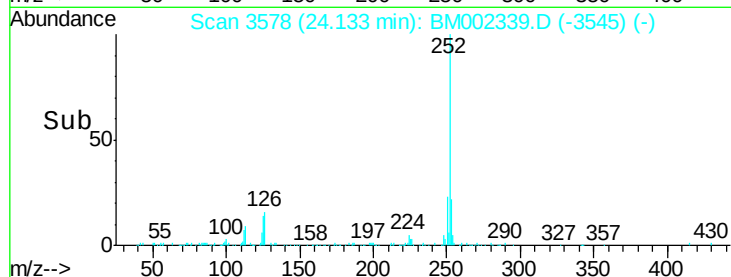
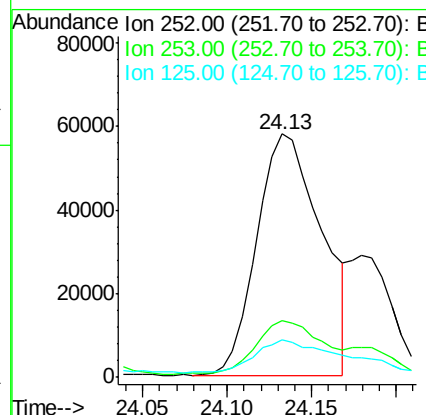
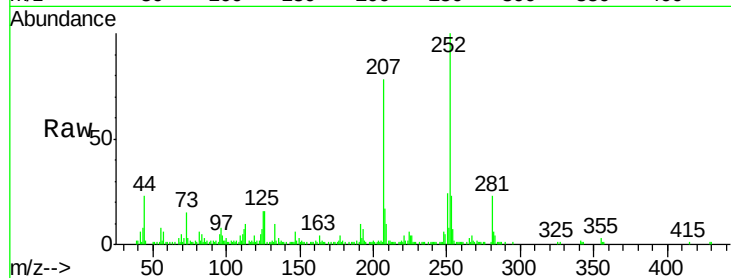
Instrument :

BNA_M

ClientSampleId :

D9C80

Tgt Ion:	252	Resp:	153672
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.9	26.9
125	15.6	10.3	15.5#



#26

Benzo(a)pyrene

Concen: 2.31 ng/ul

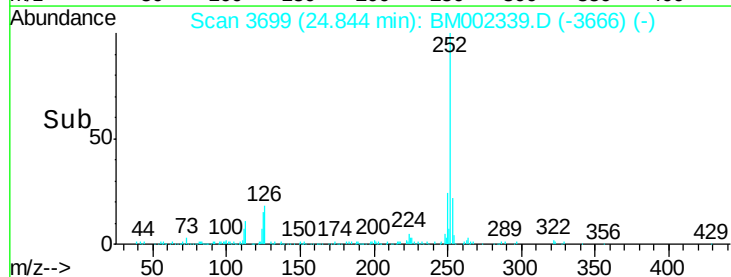
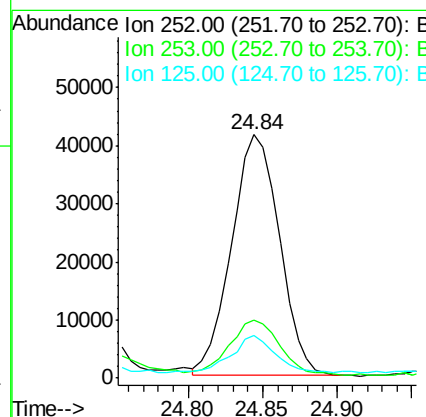
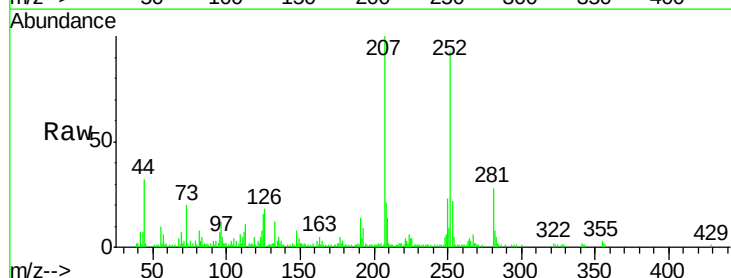
RT: 24.84 min Scan# 3699

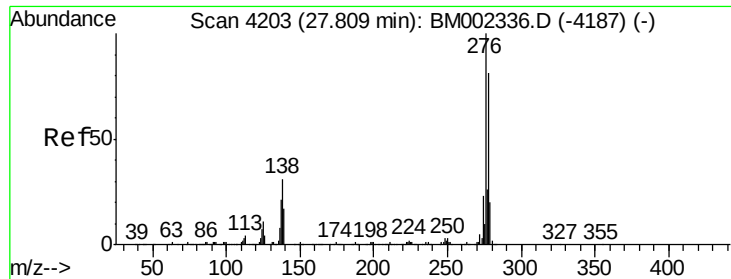
Delta R.T. -0.01 min

Lab File: BM002339.D

Acq: 12 Aug 2015 01:19

Tgt Ion:	252	Resp:	92476
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.3	25.9
125	17.4	11.0	16.6#

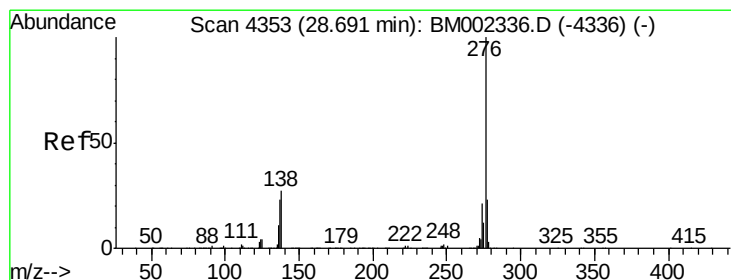
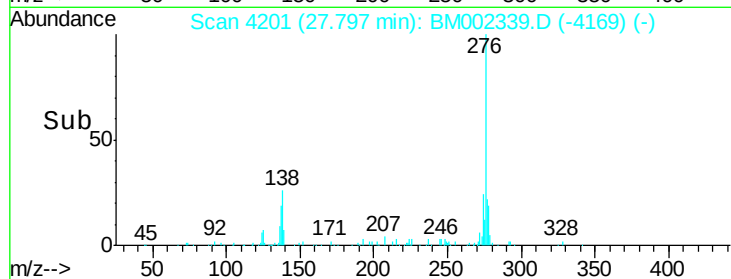
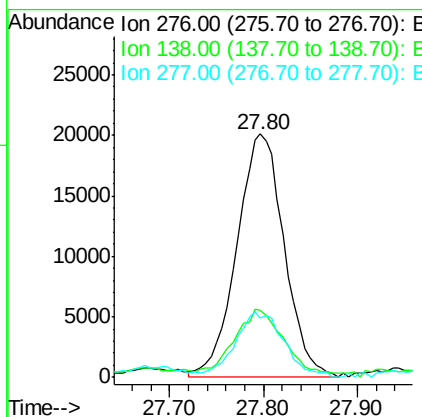
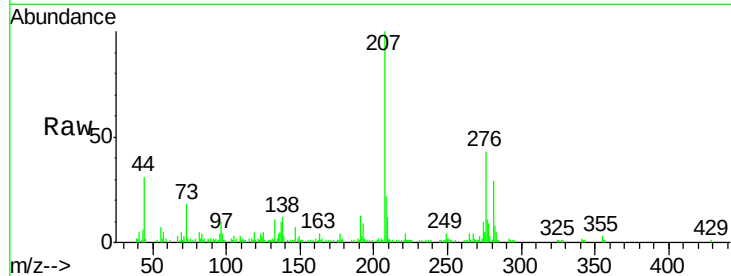




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.53 ng/ul
 RT: 27.80 min Scan# 4201
 Delta R.T. -0.01 min
 Lab File: BM002339.D
 Acq: 12 Aug 2015 01:19

Instrument :
 BNA_M
 ClientSampleId :
 D9C80

Tgt Ion: 276 Resp: 70290
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.6 38.4
 277 24.2 21.0 31.4



#29
 Benzo(g,h,i)perylene
 Concen: 1.66 ng/ul
 RT: 28.68 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BM002339.D
 Acq: 12 Aug 2015 01:19

Tgt Ion: 276 Resp: 64141
 Ion Ratio Lower Upper
 276 100
 138 28.2 20.5 30.7
 277 24.5 19.0 28.6

