

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002616.D
 Acq On : 01 Sep 2015 07:34
 Operator : UM/IZ
 Sample : G3457-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EB6

Quant Time: Sep 01 08:05:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	96452	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	499611	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	290162	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	612920	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	538408	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	491184	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	607355	20.47	ng/ul	0.00
10) Fluorene-d10	16.34	176	376641	18.08	ng/ul	0.00
14) Anthracene-d10	18.17	188	537849	18.19	ng/ul	0.00
18) Pyrene-d10	20.40	212	414625	17.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	295740	11.46	ng/ul	0.00

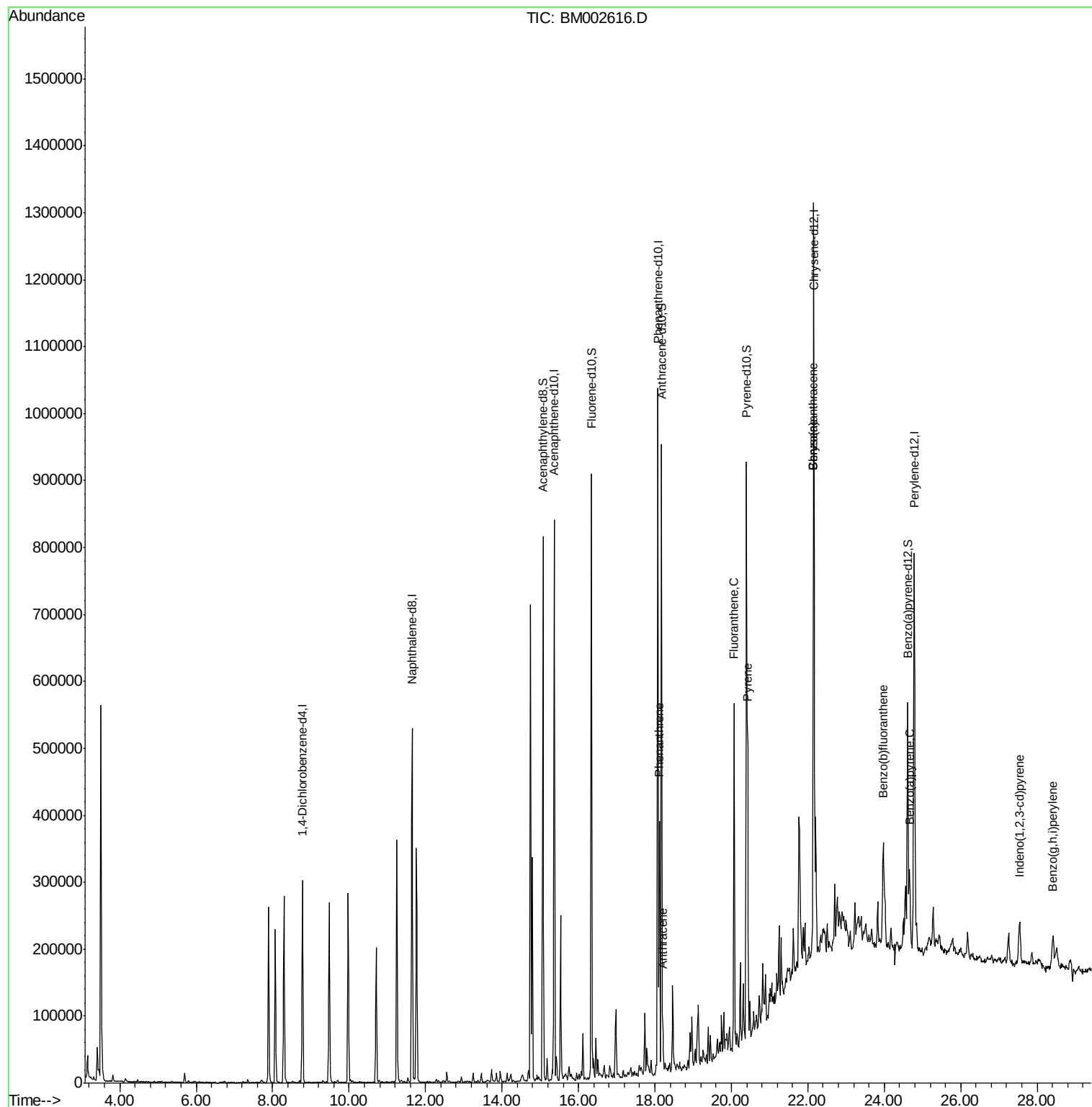
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	226942	6.41	ng/ul	100
15) Anthracene	18.20	178	48564	1.35	ng/ul	98
16) Fluoranthene	20.07	202	310803	7.76	ng/ul	96
19) Pyrene	20.43	202	241282	7.65	ng/ul	99
20) Benzo(a)anthracene	22.14	228	127330	3.95	ng/ul	98
21) Chrysene	22.14	228	127302	4.23	ng/ul	95
23) Benzo(b)fluoranthene	23.97	252	141268	4.76	ng/ul#	94
26) Benzo(a)pyrene	24.67	252	91879	3.24	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.54	276	61632	1.89	ng/ul	94
29) Benzo(g,h,i)perylene	28.40	276	64630	2.38	ng/ul	95

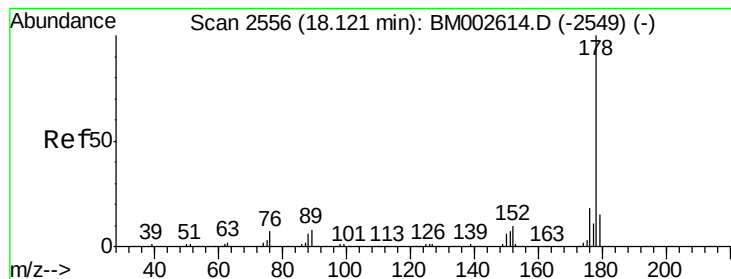
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 6.41 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002616.D

Acq: 01 Sep 2015 07:34

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BNA_M

ClientSampleId :

D9EB6

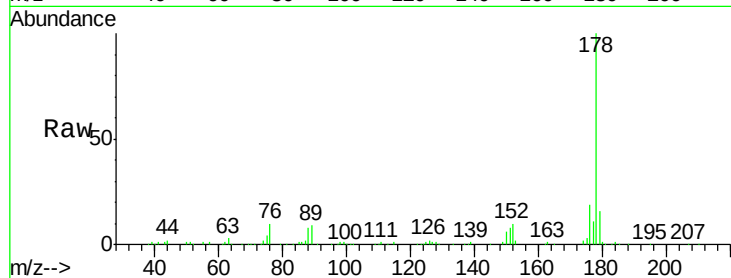
Tgt Ion:178 Resp: 226942

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

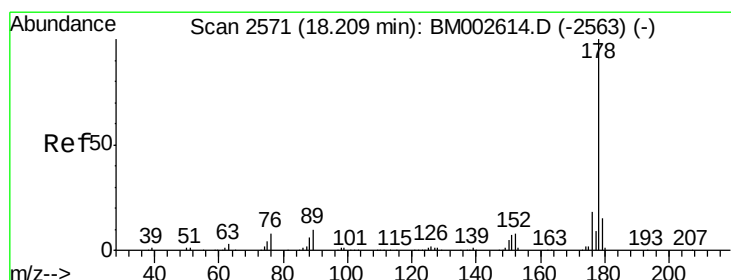
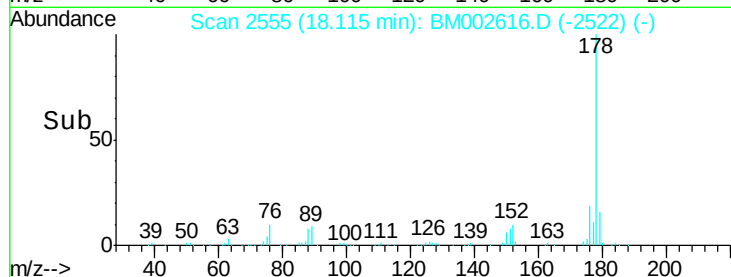
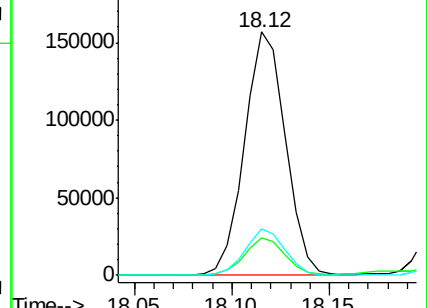
176 19.1 15.1 22.7



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



#15

Anthracene

Concen: 1.35 ng/ul

RT: 18.20 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BM002616.D

Acq: 01 Sep 2015 07:34

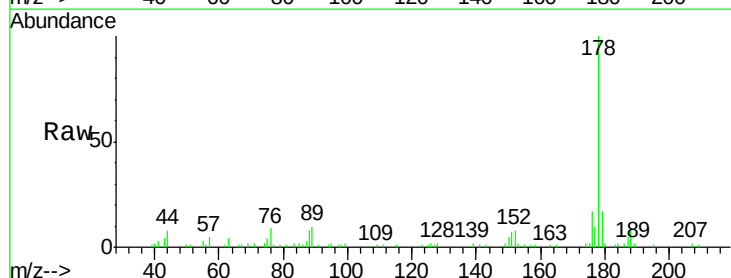
Tgt Ion:178 Resp: 48564

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

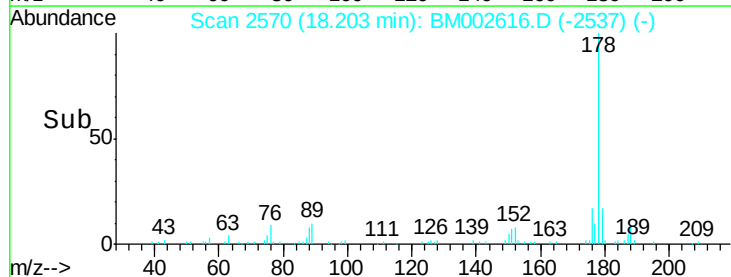
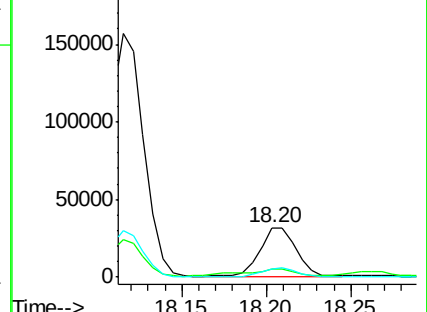
176 17.5 14.5 21.7

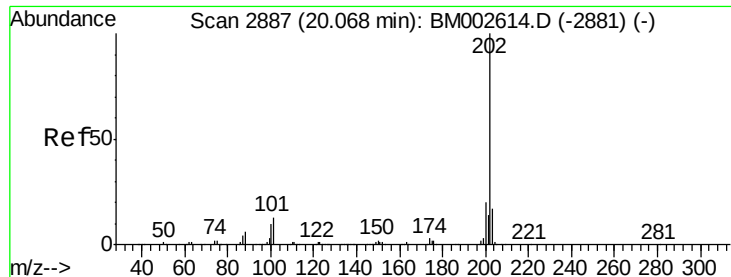


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

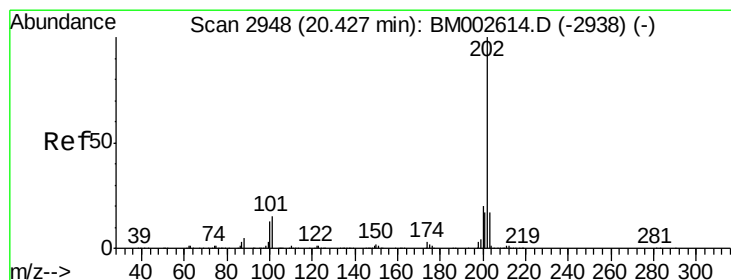
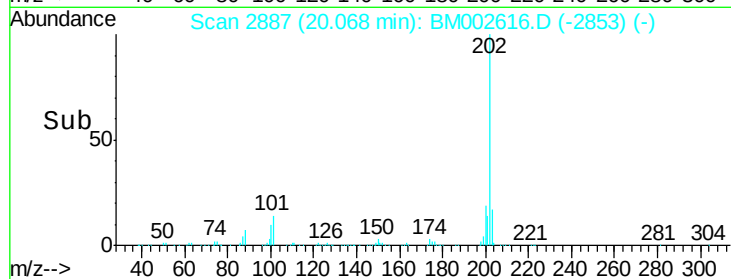
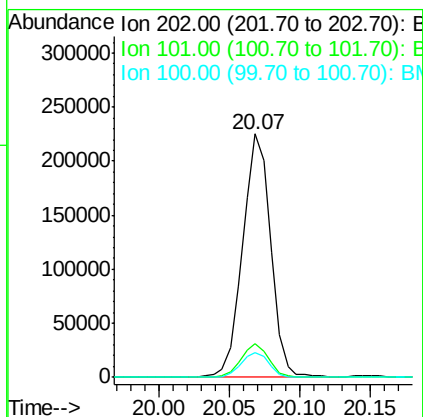
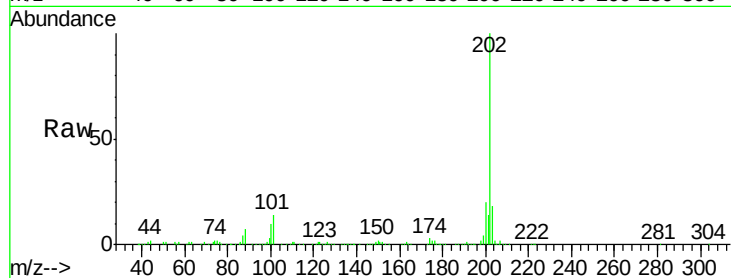




#16
 Fluoranthene
 Concen: 7.76 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: BM002616.D
 Acq: 01 Sep 2015 07:34

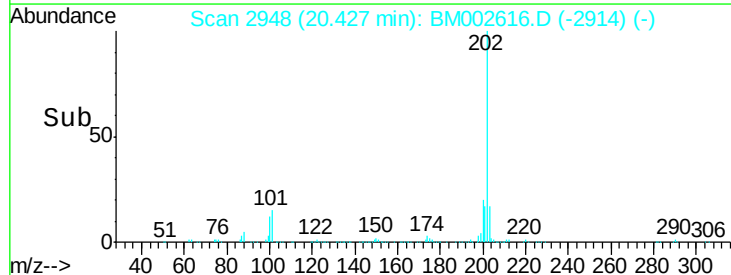
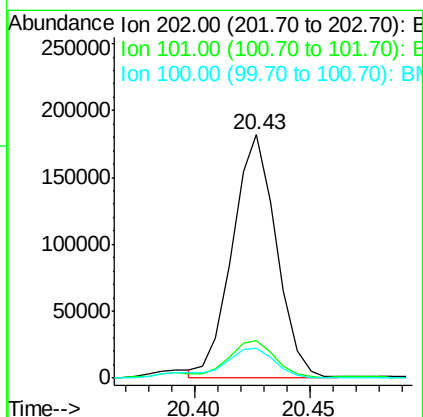
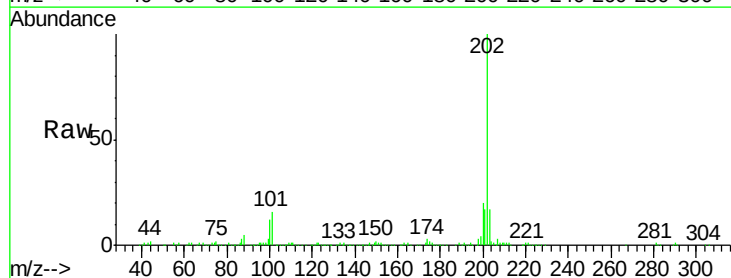
Instrument :
 BNA_M
 ClientSampleId :
 D9EB6

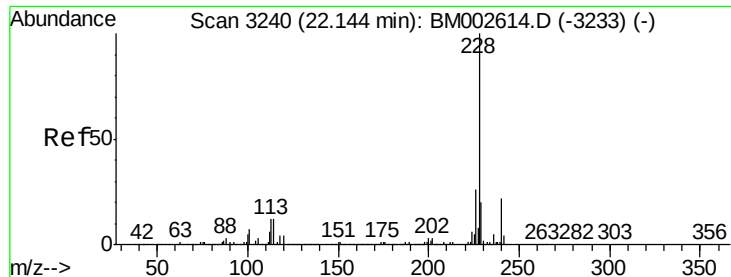
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.7	14.5
100	10.3	7.4	11.2



#19
 Pyrene
 Concen: 7.65 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002616.D
 Acq: 01 Sep 2015 07:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.3	9.7	14.5

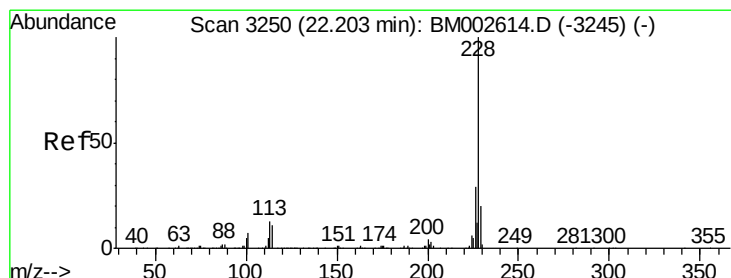
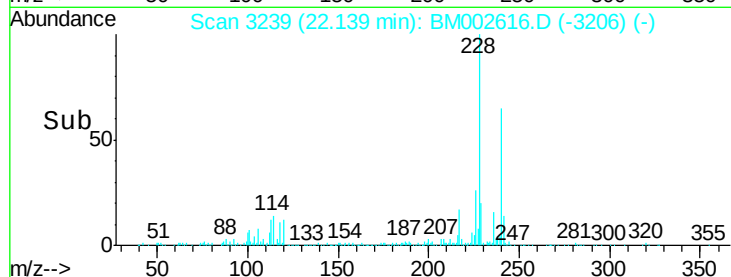
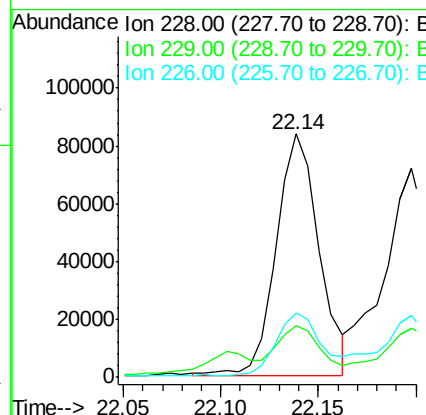
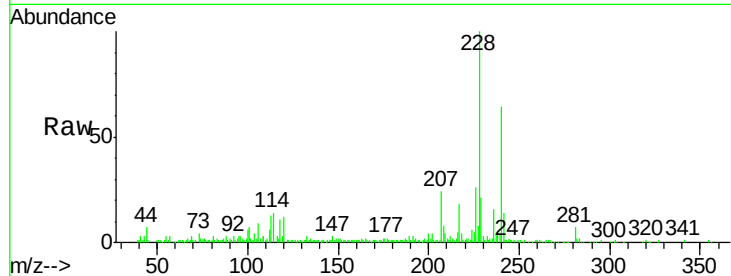




#20
Benzo(a)anthracene
Concen: 3.95 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

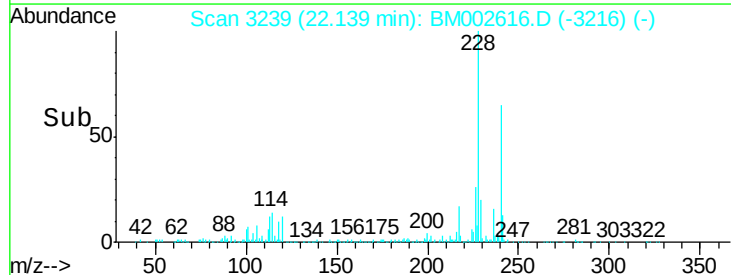
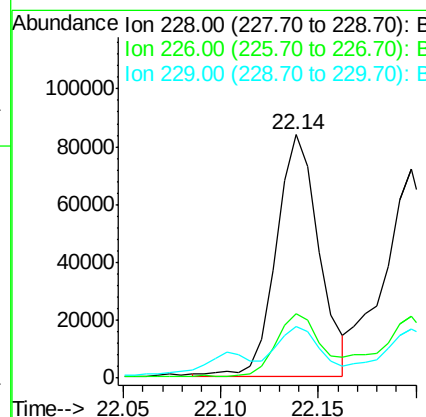
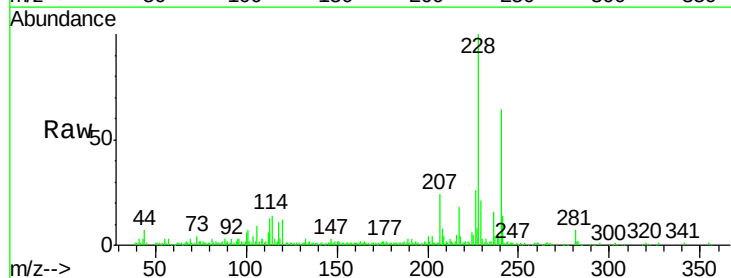
Instrument :
BNA_M
ClientSampled :
D9EB6

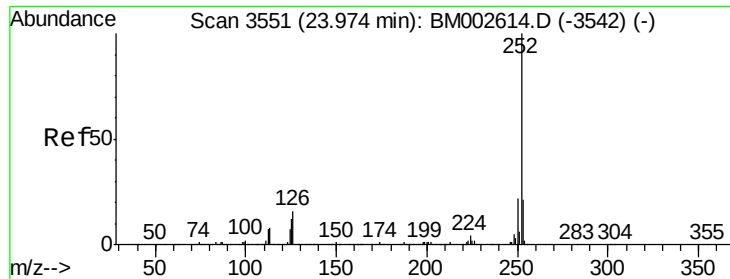
Tgt Ion:228 Resp: 127330
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 26.2 21.1 31.7



#21
Chrysene
Concen: 4.23 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.06 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:228 Resp: 127302
Ion Ratio Lower Upper
228 100
226 26.2 23.4 35.2
229 21.5 15.7 23.5

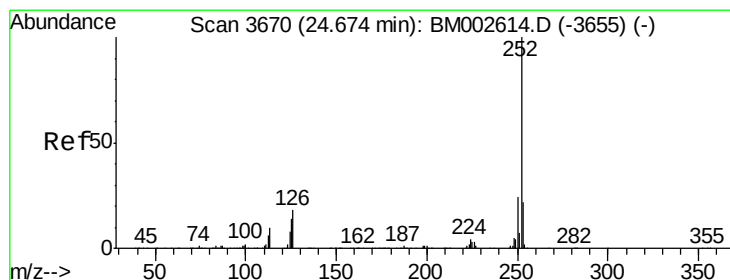
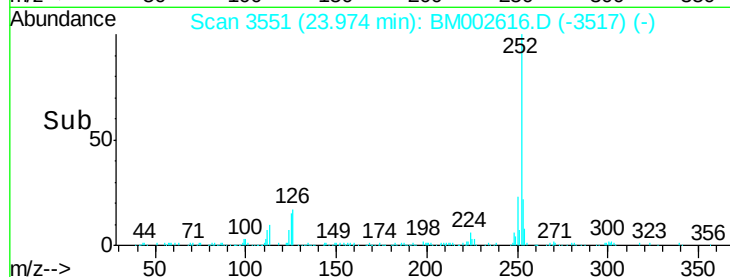
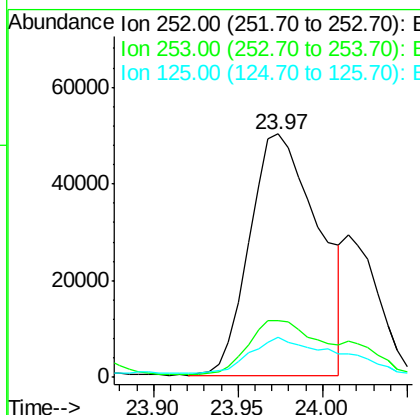
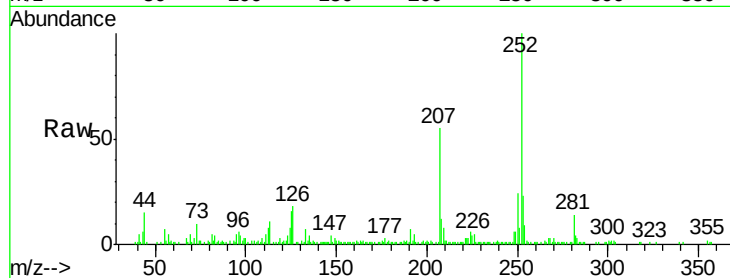




#23
Benzo(b)fluoranthene
Concen: 4.76 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

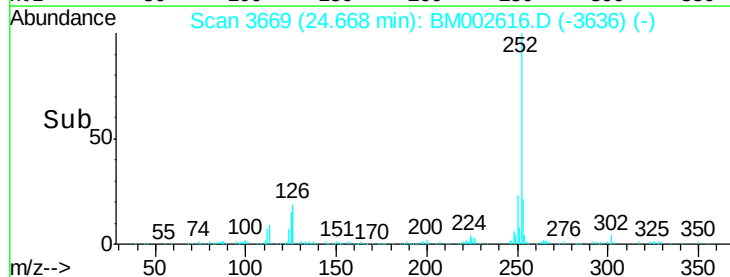
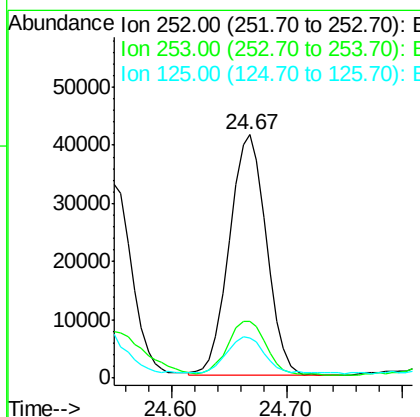
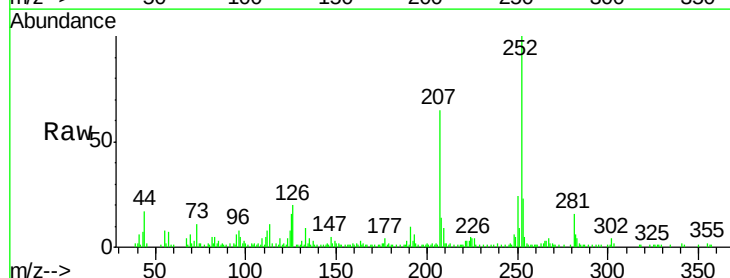
Instrument :
BNA_M
ClientSampleId :
D9EB6

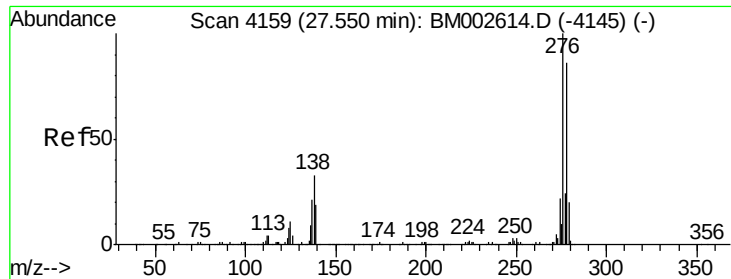
Tgt Ion: 252 Resp: 141268
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 16.4 10.0 15.0#



#26
Benzo(a)pyrene
Concen: 3.24 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion: 252 Resp: 91879
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 16.4 10.7 16.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.89 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.01 min

Lab File: BM002616.D

Acq: 01 Sep 2015 07:34

Instrument :

BNA_M

ClientSampleId :

D9EB6

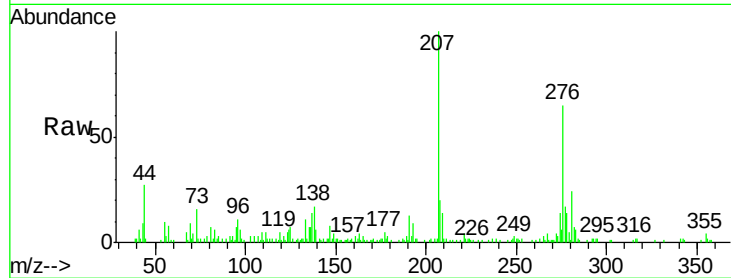
Tgt Ion:276 Resp: 61632

Ion Ratio Lower Upper

276 100

138 26.6 25.3 37.9

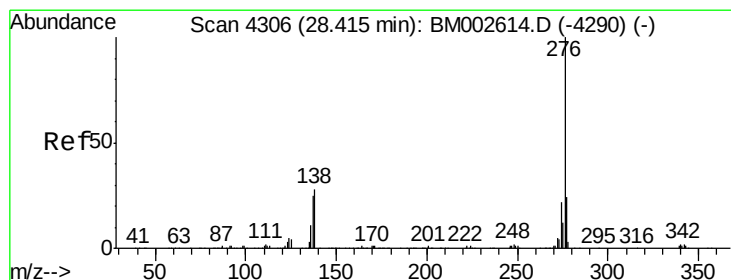
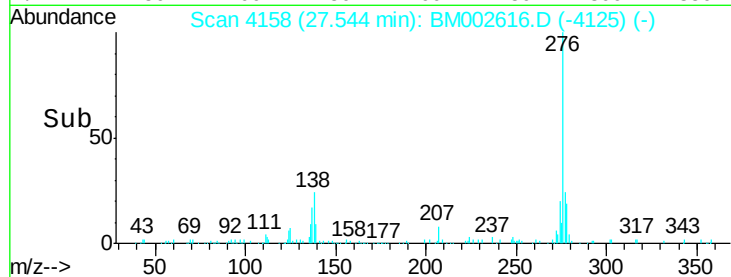
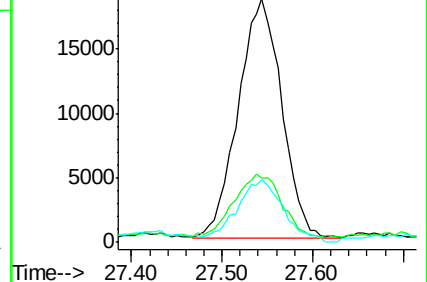
277 26.2 20.2 30.2



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

Benzo(g,h,i)perylene

Concen: 2.38 ng/ul

RT: 28.40 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BM002616.D

Acq: 01 Sep 2015 07:34

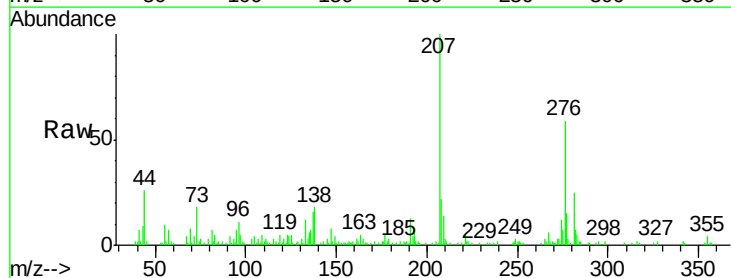
Tgt Ion:276 Resp: 64630

Ion Ratio Lower Upper

276 100

138 29.9 21.0 31.6

277 25.2 19.2 28.8



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

