

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002360.D
 Acq On : 12 Aug 2015 14:35
 Operator : UM/IZ
 Sample : G3163-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C93

Quant Time: Aug 12 16:13:40 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

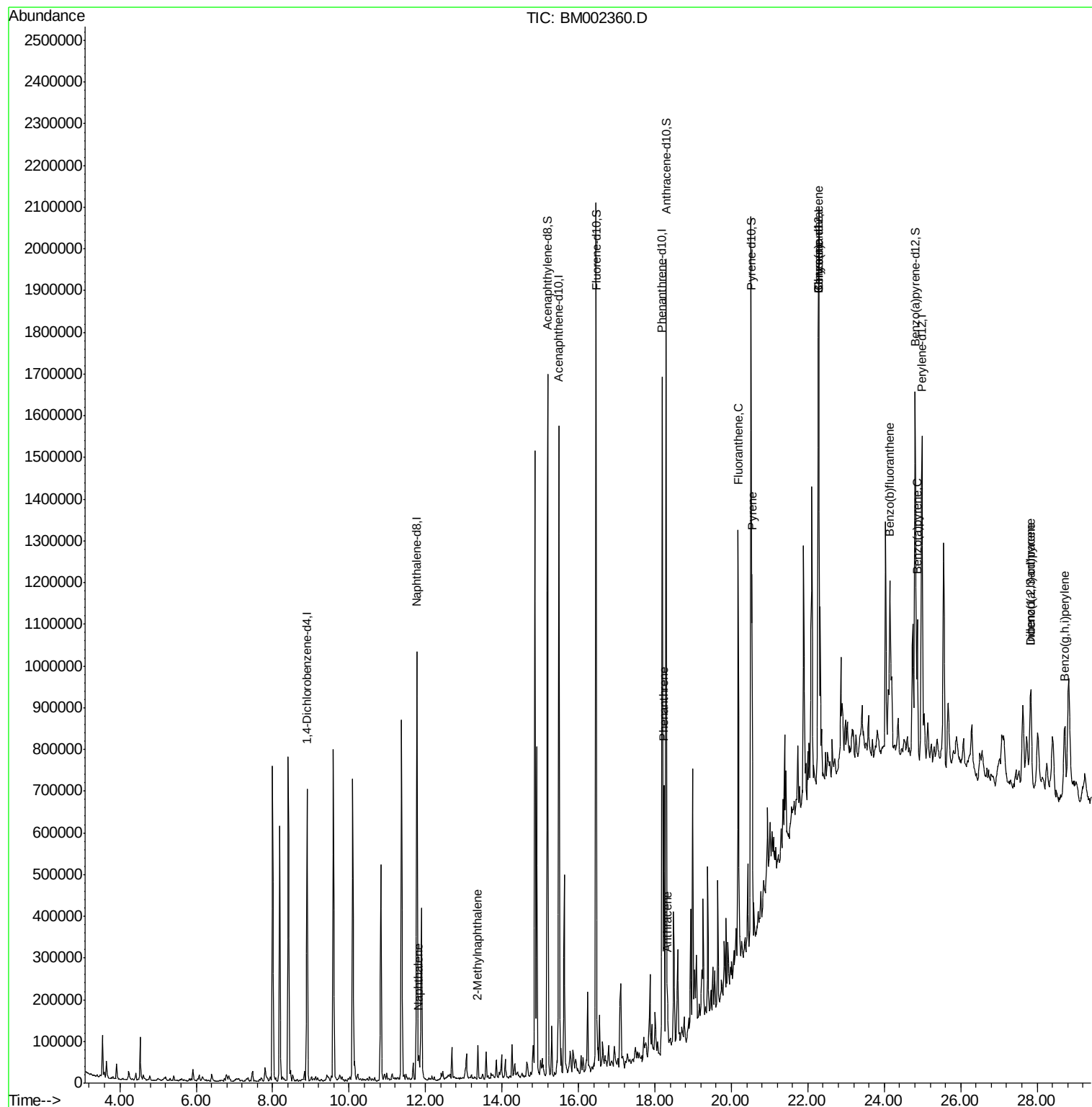
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	205685	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	920900	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	514070	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	967228	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	664910	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	639511	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1270475	23.86	ng/ul	0.00
10) Fluorene-d10	16.46	176	816470	22.04	ng/ul	0.00
14) Anthracene-d10	18.29	188	1062185	22.63	ng/ul	0.00
18) Pyrene-d10	20.51	212	859329	26.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	745798	21.96	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.83	128	52522	1.08	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	40164	1.16	ng/ul	99
13) Phenanthrene	18.24	178	391563	7.03	ng/ul	100
15) Anthracene	18.33	178	73209	1.27	ng/ul	99
16) Fluoranthene	20.19	202	630587	10.23	ng/ul	98
19) Pyrene	20.54	202	483247	11.24	ng/ul	99
20) Benzo(a)anthracene	22.27	228	261346	6.44	ng/ul	97
21) Chrysene	22.27	228	260750	6.78	ng/ul	95
23) Benzo(b)fluoranthene	24.15	252	398306	10.02	ng/ul#	95
26) Benzo(a)pyrene	24.86	252	243956	6.41	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.83	276	217098	4.98	ng/ul	97
28) Dibenzo(a,h)anthracene	27.83	278	58875	1.59	ng/ul#	77
29) Benzo(a,h,i)perylene	28.71	276	230785	6.27	ng/ul	95

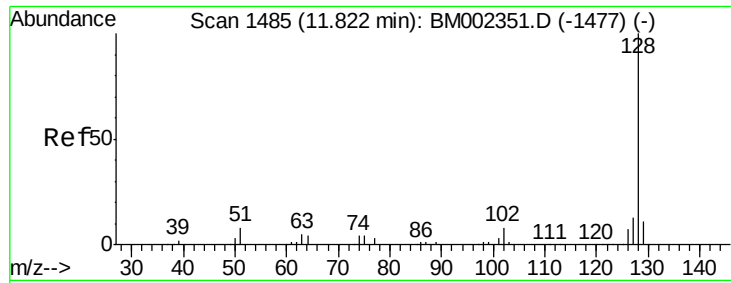
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.08 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9C93

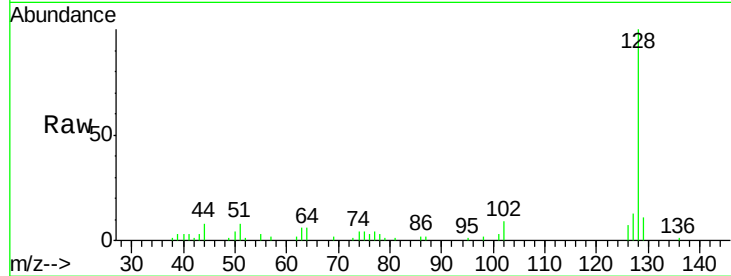
Tot Ion:128 Resp: 52522

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

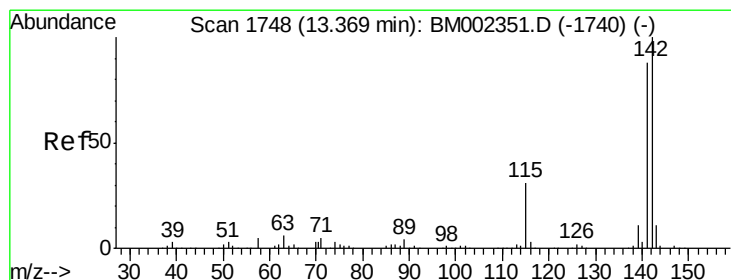
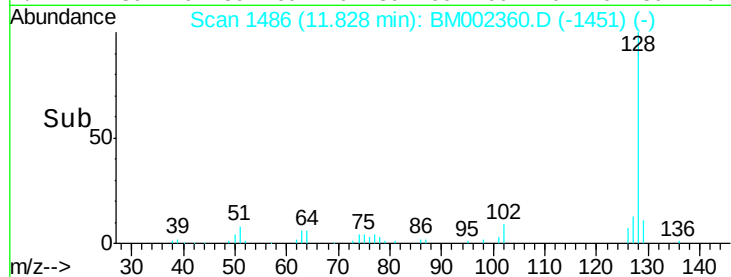
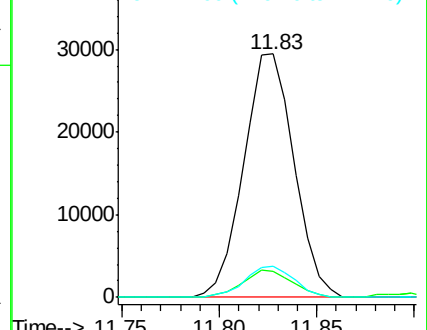
127 12.6 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.16 ng/ul

RT: 13.37 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BM002360.D

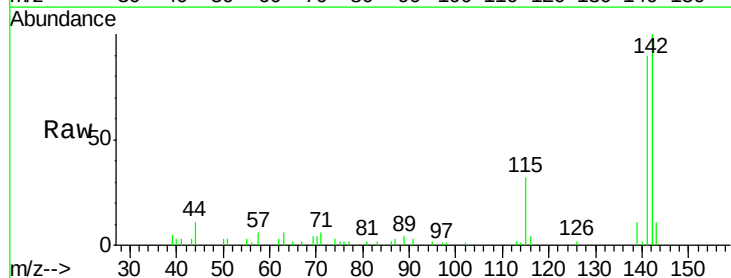
Acq: 12 Aug 2015 14:35

Tgt Ion:142 Resp: 40164

Ion Ratio Lower Upper

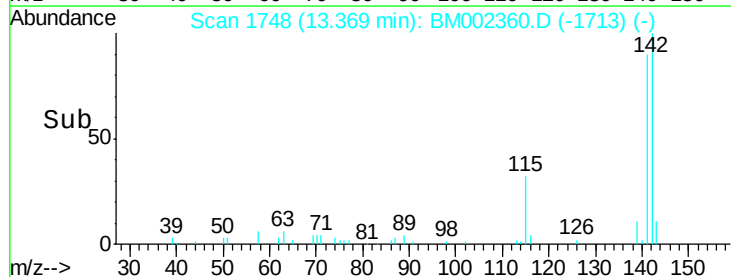
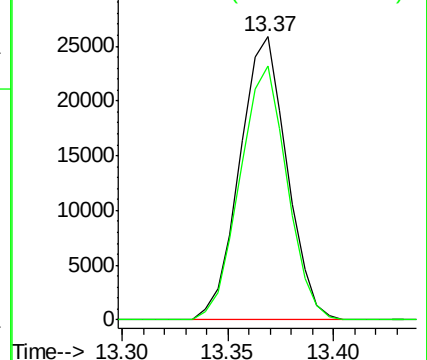
142 100

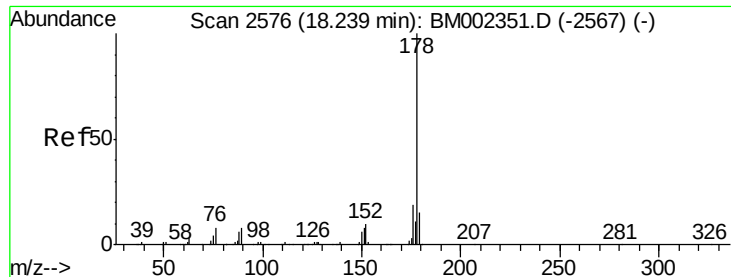
141 89.5 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#13

Phenanthrene

Concen: 7.03 ng/ul

RT: 18.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9C93

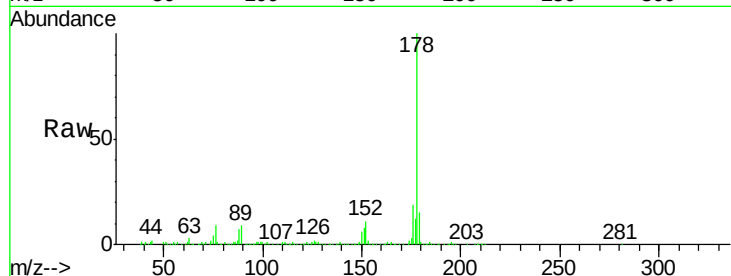
Tot Ion:178 Resp: 391563

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

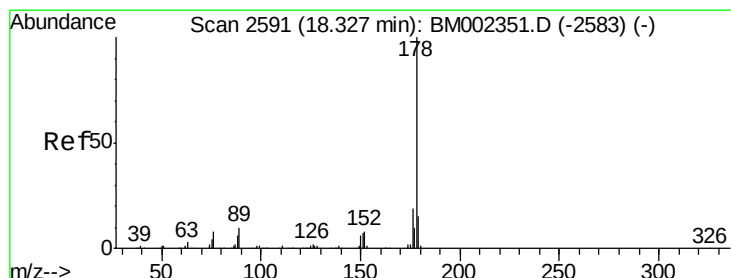
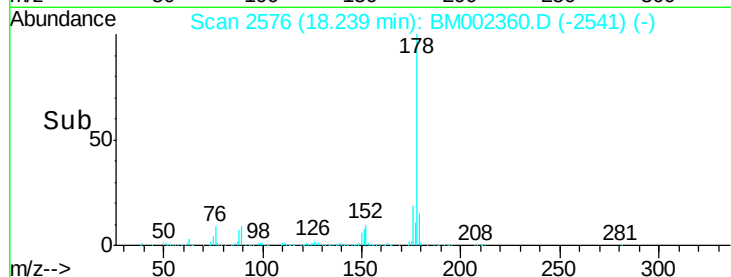
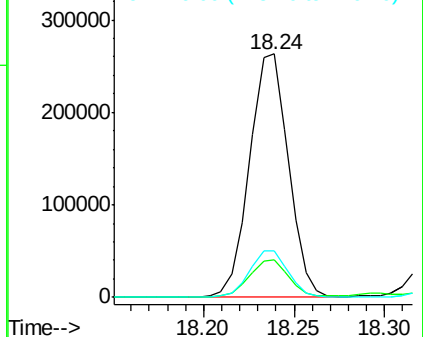
176 19.0 15.3 22.9



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: 1.27 ng/ul

RT: 18.33 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

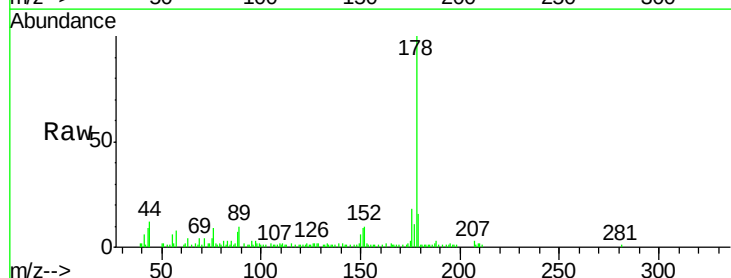
Tgt Ion:178 Resp: 73209

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

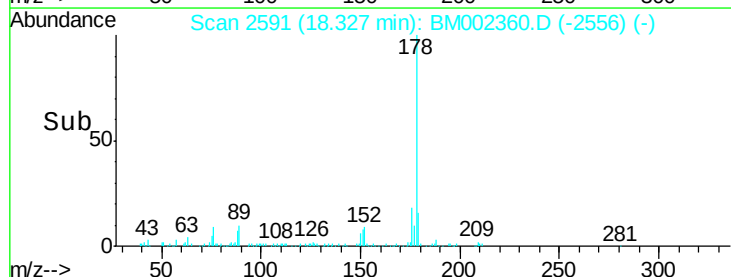
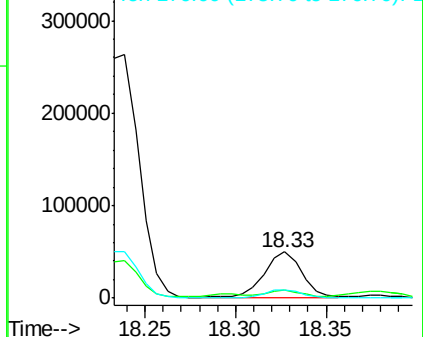
176 18.1 14.5 21.7

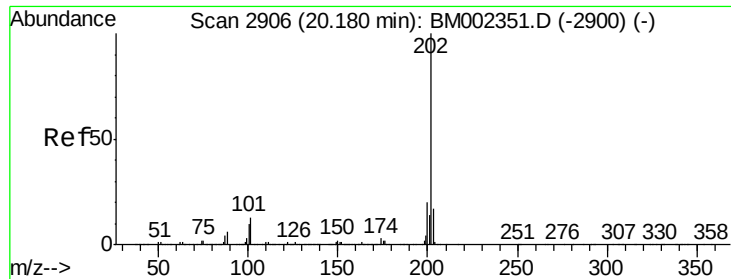


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

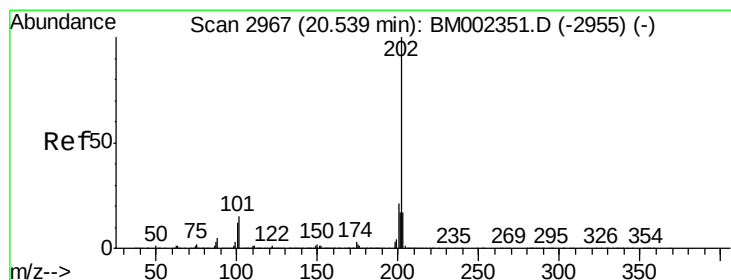
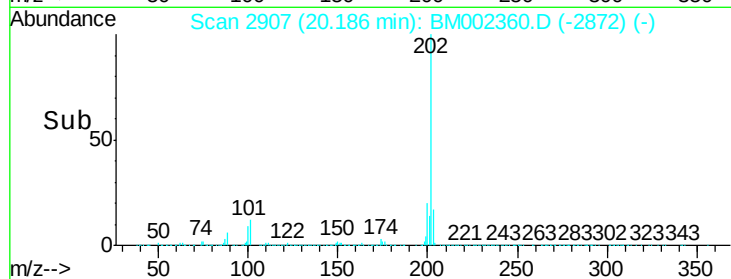
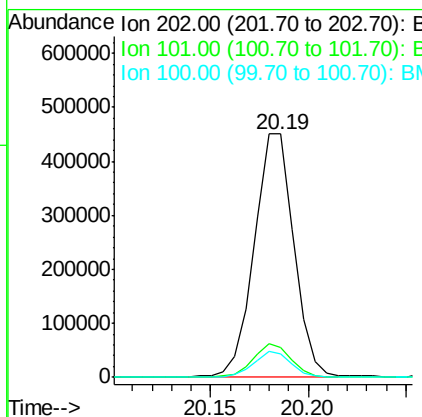
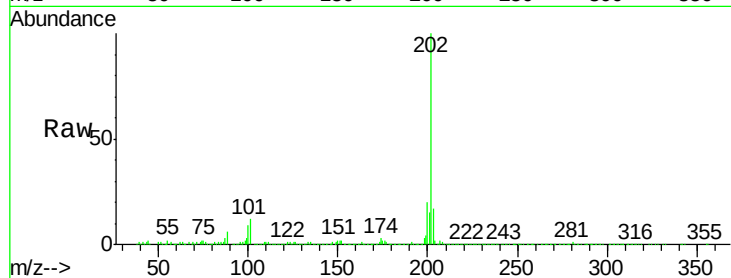




#16
Fluoranthene
Concen: 10.23 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

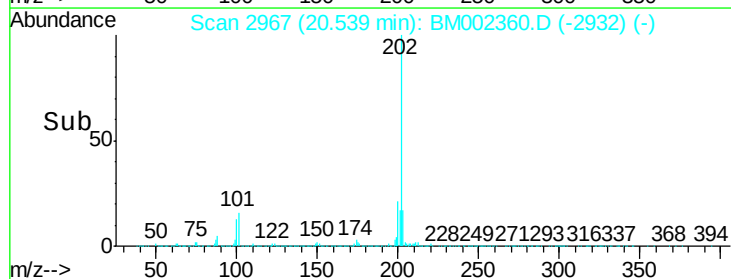
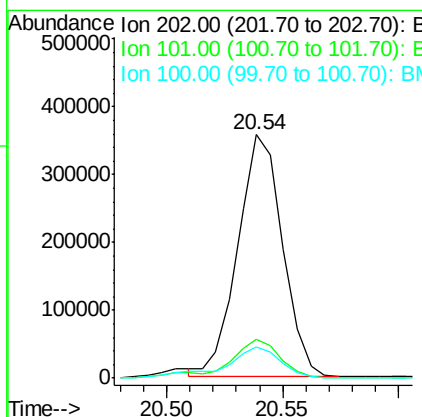
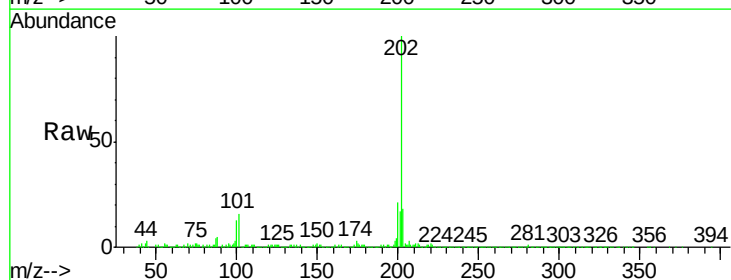
Instrument :
BNA_M
ClientSampleId :
D9C93

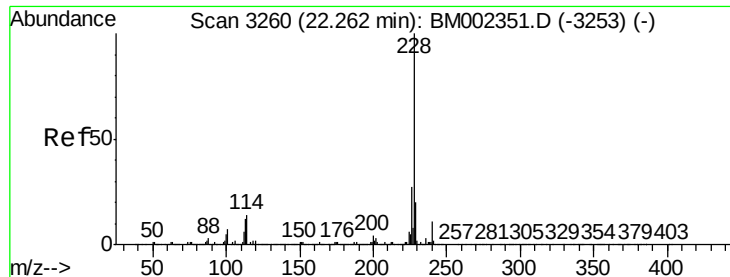
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	15.8
100	9.4	8.2	12.4



#19
Pyrene
Concen: 11.24 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	13.0	19.6
100	12.8	11.0	16.4

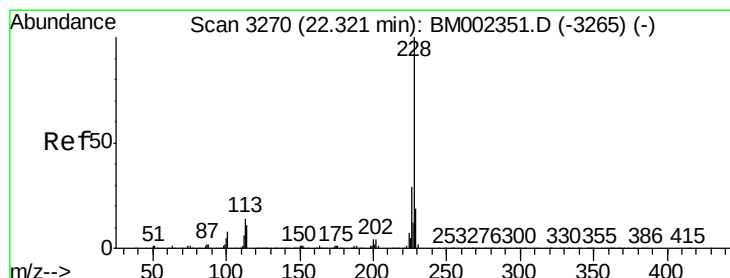
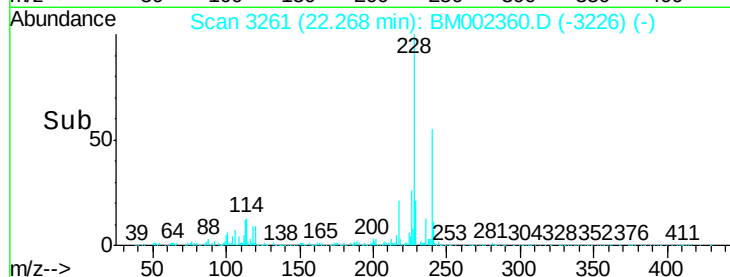
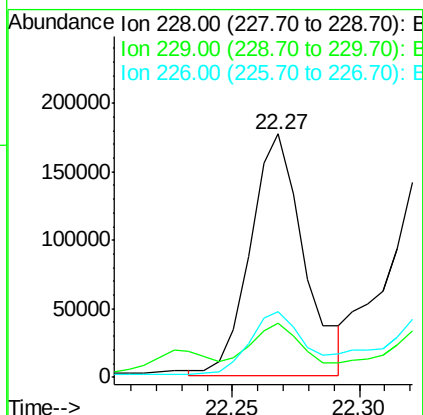
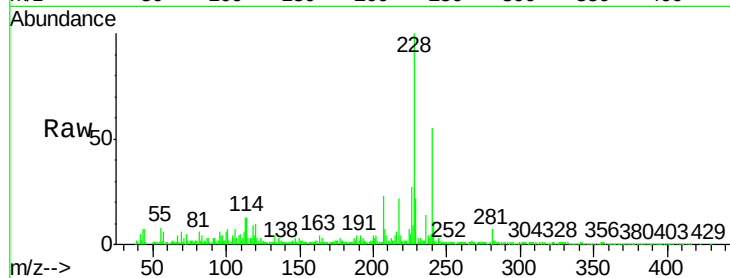




#20
Benzo(a)anthracene
Concen: 6.44 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

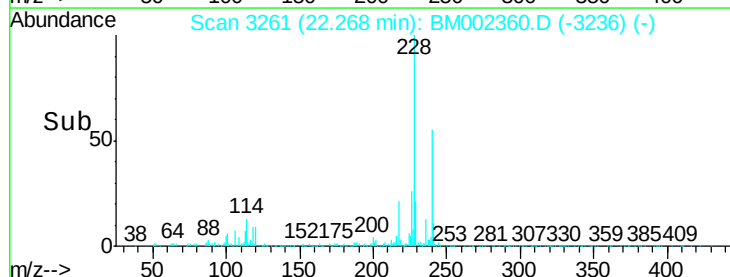
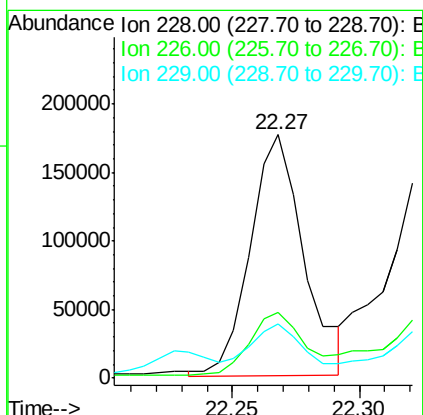
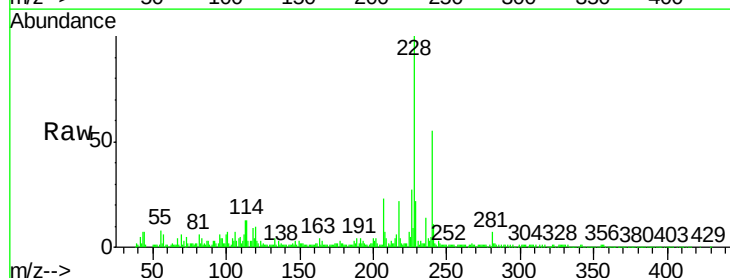
Instrument :
BNA_M
ClientSampleId :
D9C93

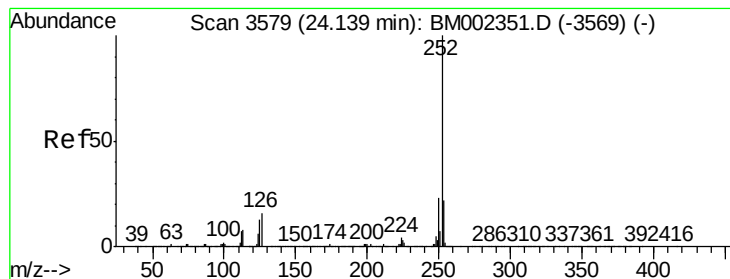
Tot Ion:228 Resp: 261346
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 27.0 21.4 32.0



#21
Chrysene
Concen: 6.78 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.05 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Tgt Ion:228 Resp: 260750
Ion Ratio Lower Upper
228 100
226 27.0 23.4 35.0
229 22.3 15.5 23.3





#23

Benzo(b)fluoranthene

Concen: 10.02 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9C93

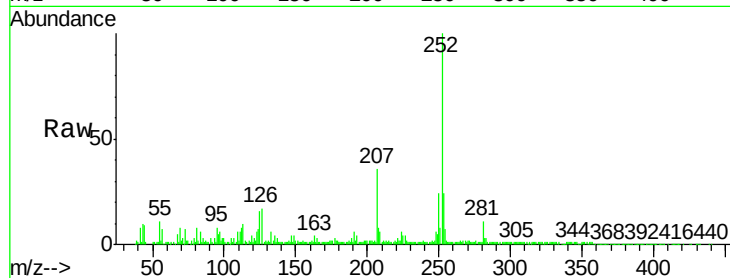
Tot Ion:252 Resp: 398306

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

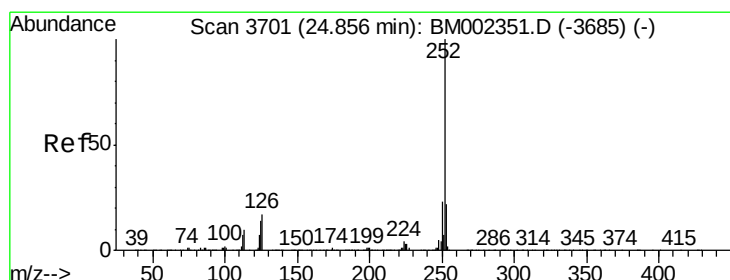
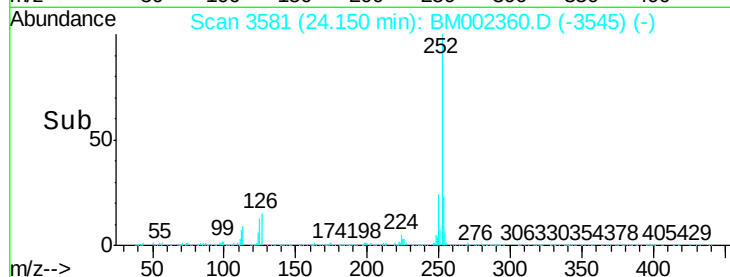
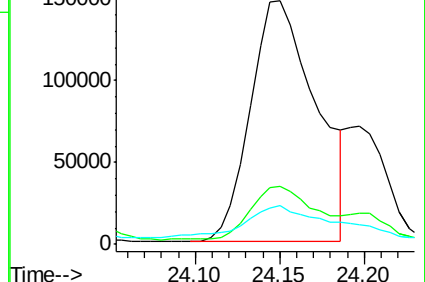
125 15.7 10.3 15.5#



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



#26

Benzo(a)pyrene

Concen: 6.41 ng/ul

RT: 24.86 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

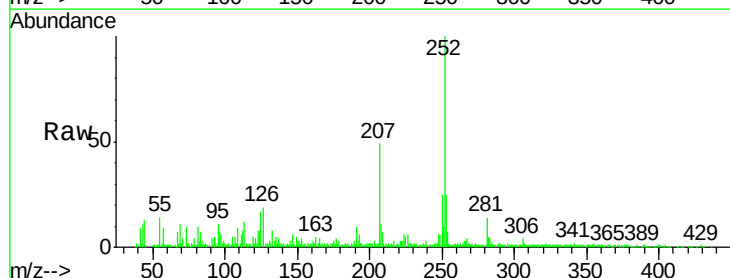
Tgt Ion:252 Resp: 243956

Ion Ratio Lower Upper

252 100

253 24.7 17.3 25.9

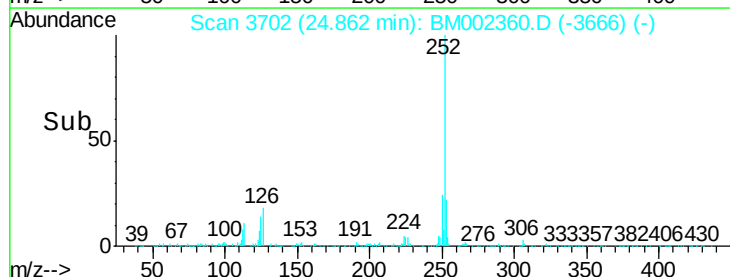
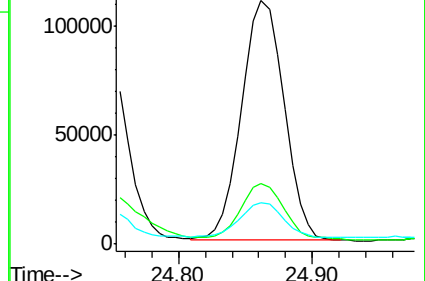
125 16.9 11.0 16.6#

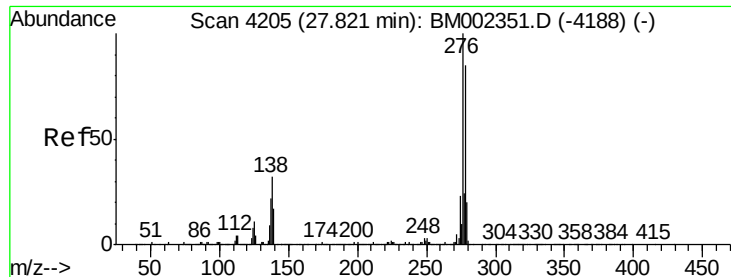


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

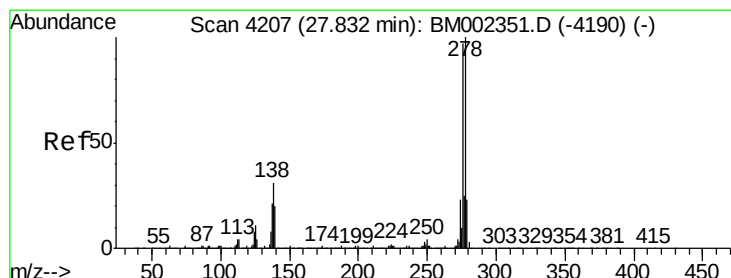
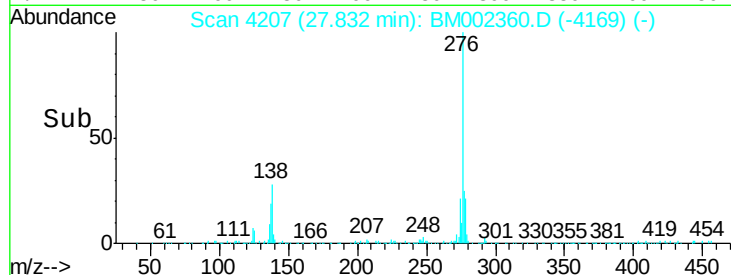
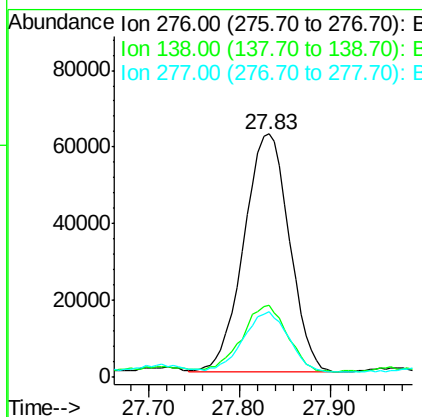
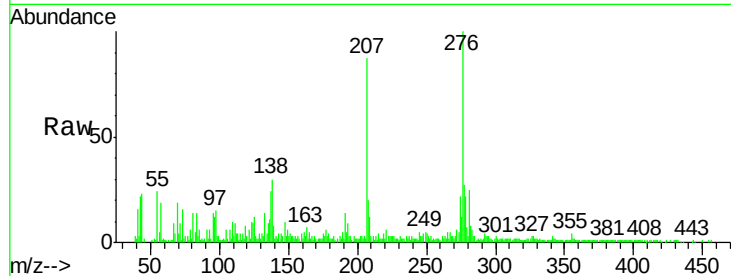




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.98 ng/ul
 RT: 27.83 min Scan# 4207
 Delta R.T. 0.02 min
 Lab File: BM002360.D
 Acq: 12 Aug 2015 14:35

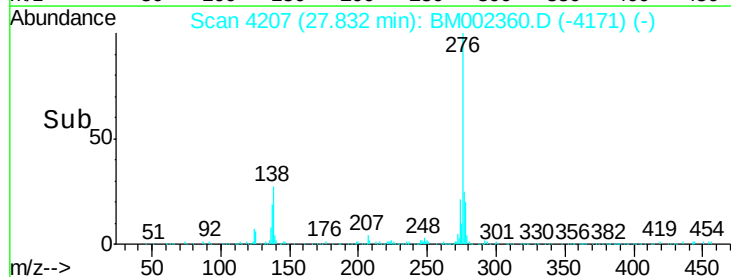
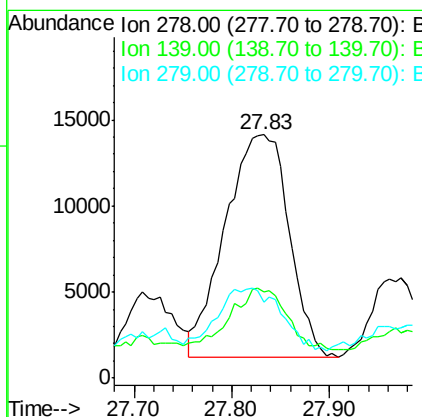
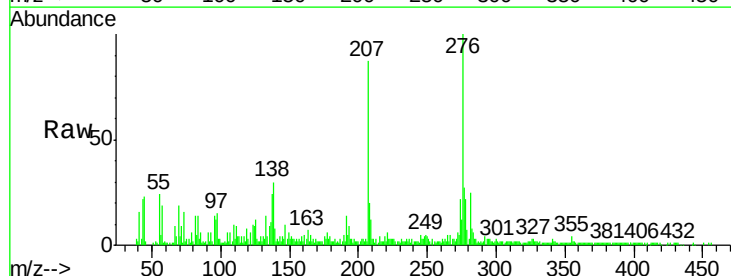
Instrument :
 BNA_M
 ClientSampleId :
 D9C93

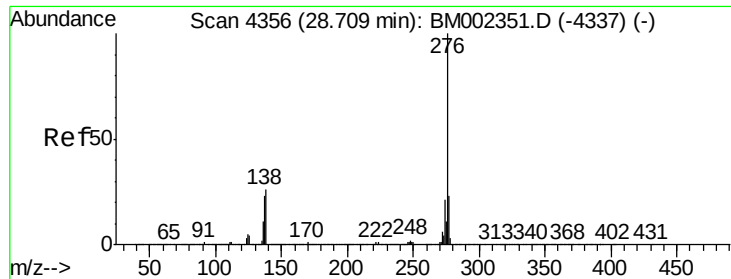
Tot Ion:276 Resp: 217098
 Ion Ratio Lower Upper
 276 100
 138 29.7 25.6 38.4
 277 27.2 21.0 31.4



#28
 Dibenzo(a,h)anthracene
 Concen: 1.59 ng/ul
 RT: 27.83 min Scan# 4207
 Delta R.T. 0.01 min
 Lab File: BM002360.D
 Acq: 12 Aug 2015 14:35

Tgt Ion:278 Resp: 58875
 Ion Ratio Lower Upper
 278 100
 139 35.2 16.4 24.6#
 279 31.3 18.8 28.2#





#29

Benzo(a,h,i)perylene

Concen: 6.27 ng/ul

RT: 28.71 min Scan# 4357

Delta R.T. 0.02 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Instrument :

BNA_M

ClientSampleId :

D9C93

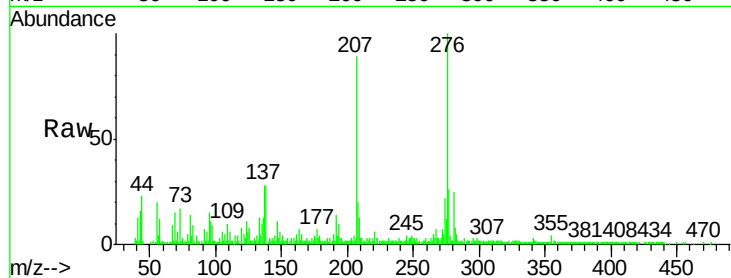
Tot Ion: 276 Resp: 230785

Ion Ratio Lower Upper

276 100

138 28.2 20.5 30.7

277 25.8 19.0 28.6



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

