

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051415\
 Data File : BM001277.D
 Acq On : 13 May 2015 16:04
 Operator : TP/IZ
 Sample : G2159-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1R76

Quant Time: May 14 12:00:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM051115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 01:20:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	1069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	3595	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	1900	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	3774	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	3147	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	3006	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1658	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	3149	0.38	ng/ul	0.00

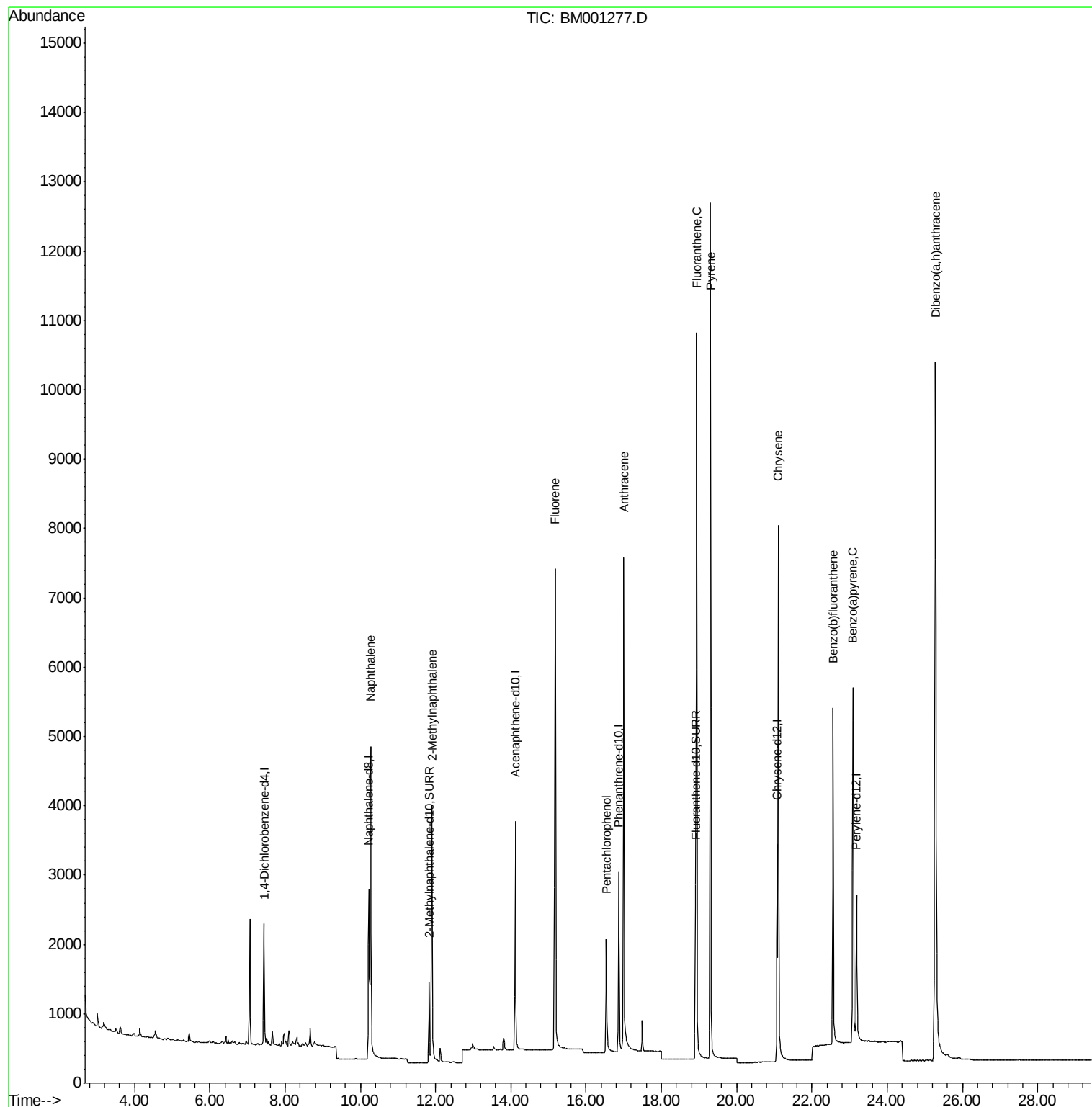
Target Compounds				Qvalue		
3) Naphthalene	10.27	128	7051	0.78	ng/ul	98
5) 2-Methylnaphthalene	11.90	142	3045	0.51	ng/ul	99
9) Fluorene	15.18	166	5240	0.71	ng/ul	90
11) Pentachlorophenol	16.53	266	1445	1.76	ng/ul	96
13) Anthracene	17.00	178	9938	1.01	ng/ul	96
15) Fluoranthene	18.94	202	10158	0.85	ng/ul	99
17) Pyrene	19.30	202	11623	0.95	ng/ul	98
19) Chrysene	21.11	228	7421	0.68	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	6277	0.58	ng/ul	96
23) Benzo(a)pyrene	23.09	252	7898	0.76	ng/ul	93
25) Dibenzo(a,h)anthracene	25.28	278	15668	1.72	ng/ul	94

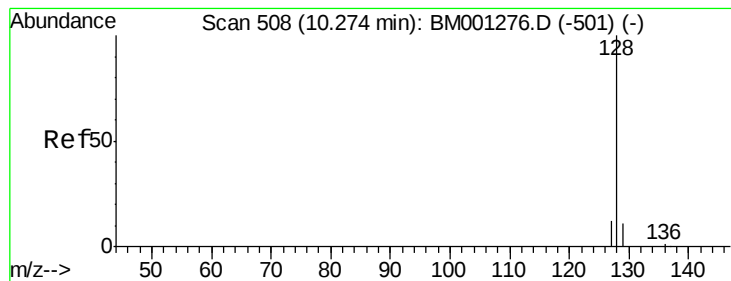
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.27 min Scan# 508

Delta R.T. -0.00 min

Lab File: BM001277.D

Acq: 13 May 2015 16:04

Instrument :

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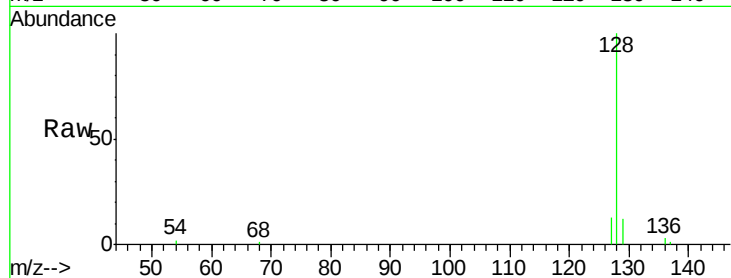
Tgt Ion:128 Resp: 7051

Ion Ratio Lower Upper

128 100

129 12.3 10.4 15.6

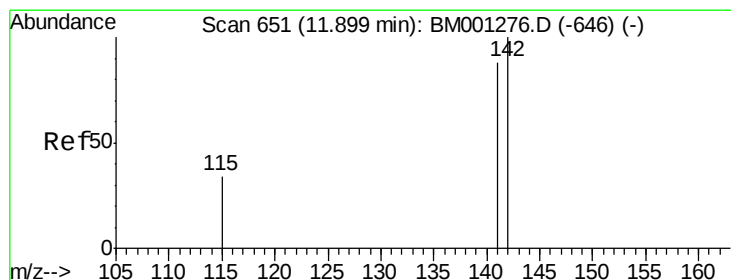
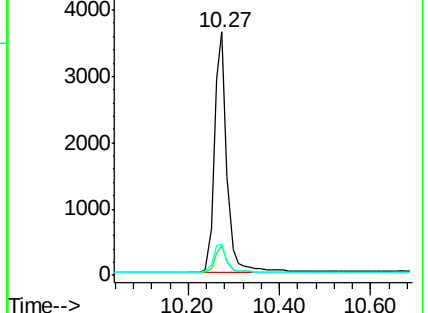
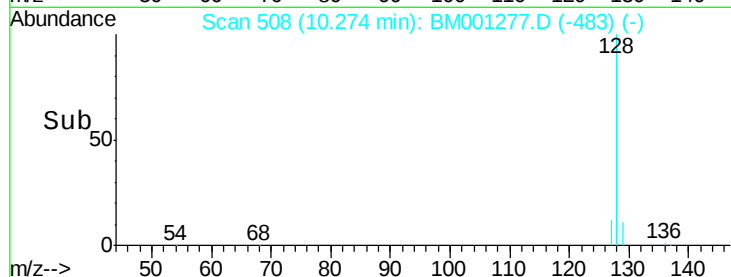
127 12.9 11.3 16.9



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



#5

2-Methylnaphthalene

Concen: 0.51 ng/ul

RT: 11.90 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM001277.D

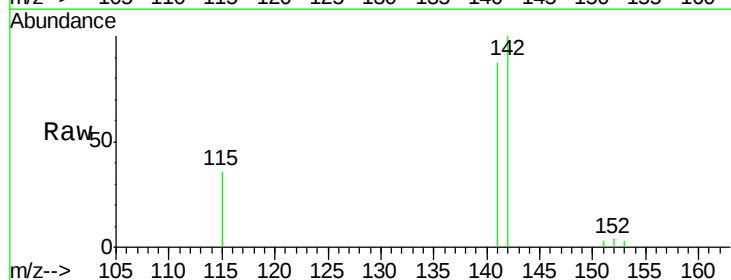
Acq: 13 May 2015 16:04

Tgt Ion:142 Resp: 3045

Ion Ratio Lower Upper

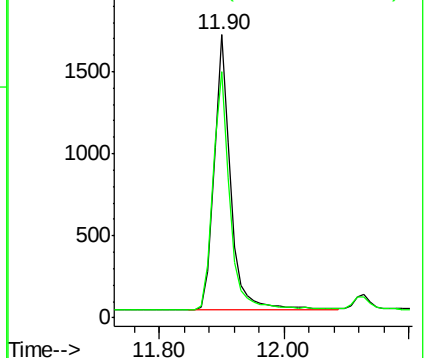
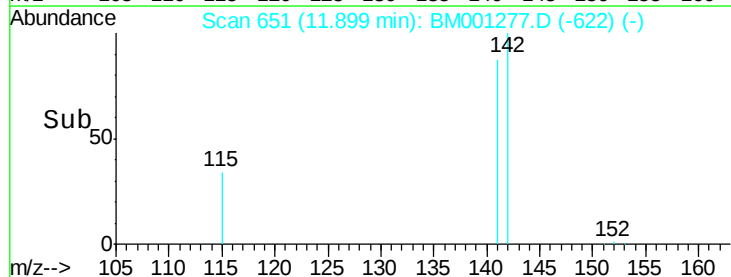
142 100

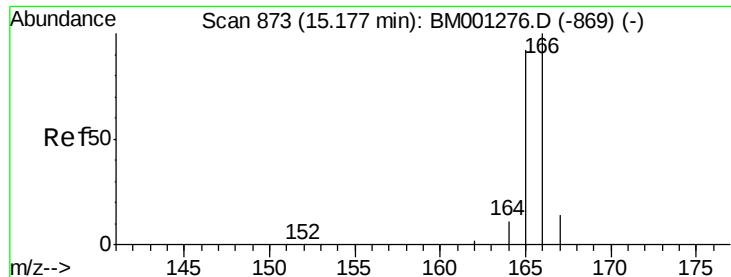
141 89.1 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

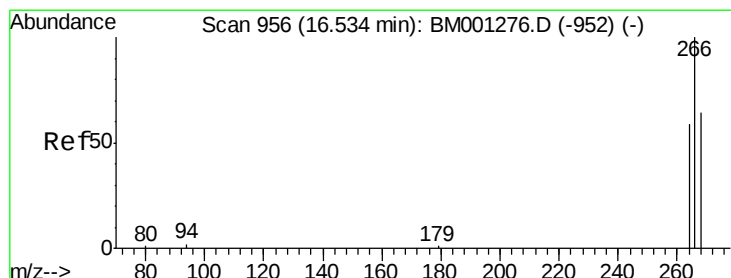
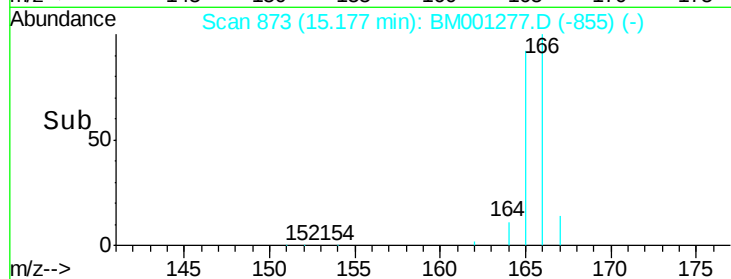
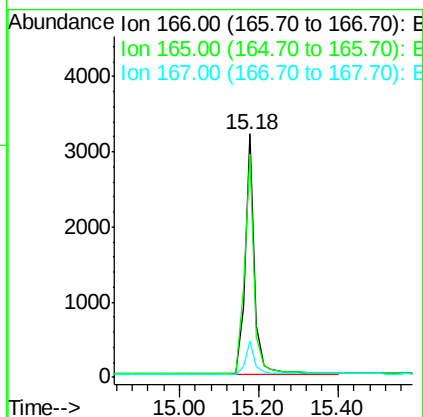
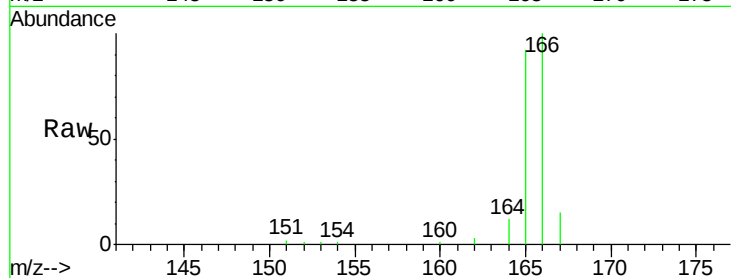




#9
Fluorene
 Concen: 0.71 ng/ul
 RT: 15.18 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM001277.D
 Acq: 13 May 2015 16:04

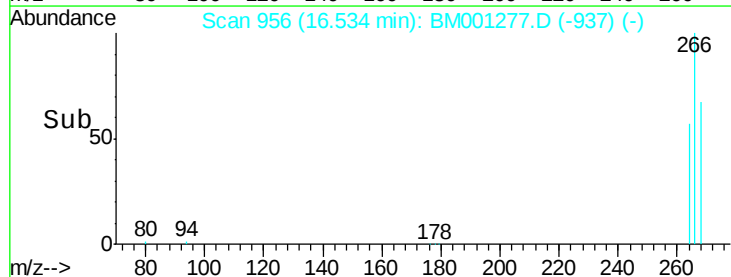
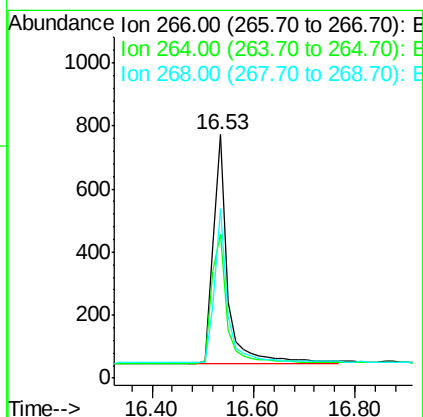
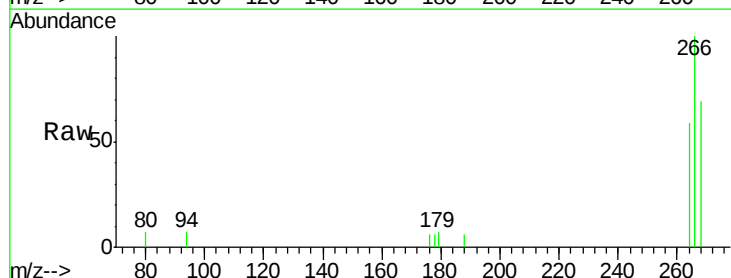
Instrument :
 BNA_M
 ClientSampleId :
 X1R76

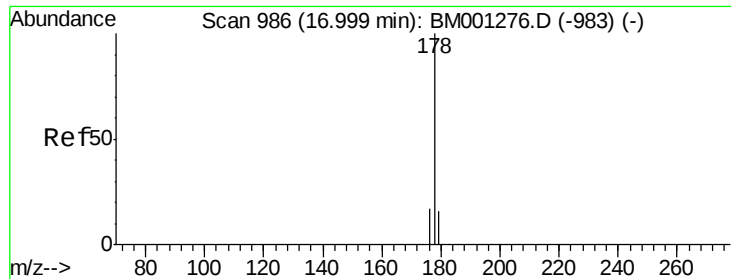
Tgt Ion:166 Resp: 5240
 Ion Ratio Lower Upper
 166 100
 165 91.8 66.2 99.2
 167 14.8 14.7 22.1



#11
Pentachlorophenol
 Concen: 1.76 ng/ul
 RT: 16.53 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BM001277.D
 Acq: 13 May 2015 16:04

Tgt Ion:266 Resp: 1445
 Ion Ratio Lower Upper
 266 100
 264 62.6 54.6 81.8
 268 63.6 51.2 76.8





#13

Anthracene

Concen: 1.01 ng/ul

RT: 17.00 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM001277.D

Acq: 13 May 2015 16:04

Instrument :

BNA_M

ClientSampleId :

X1R76

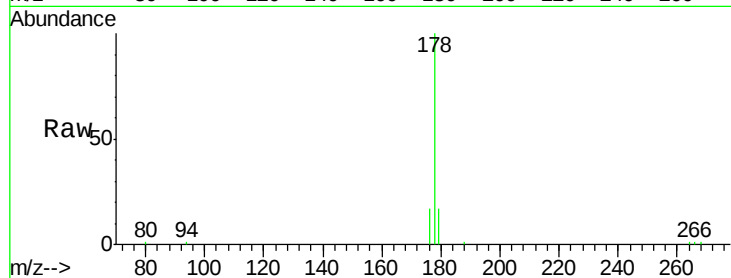
Tgt Ion:178 Resp: 9938

Ion Ratio Lower Upper

178 100

176 17.2 14.6 22.0

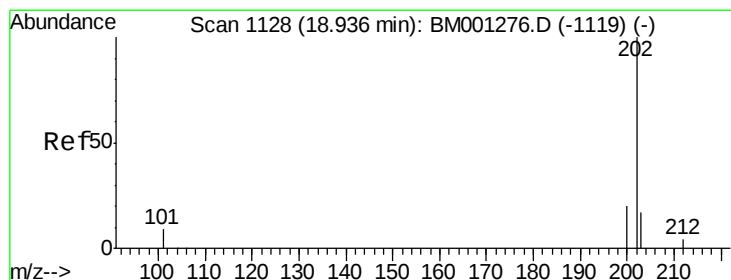
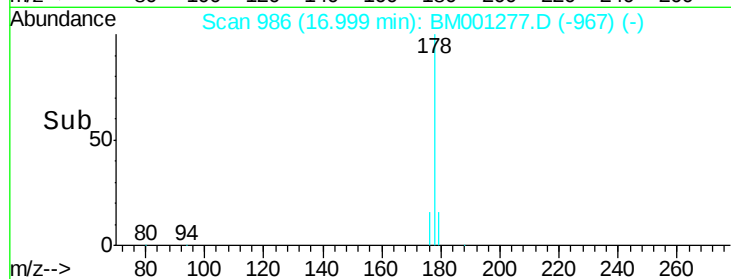
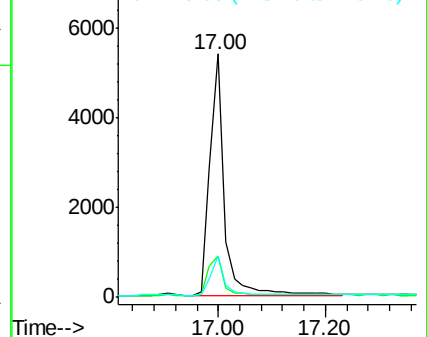
179 17.0 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.85 ng/ul

RT: 18.94 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BM001277.D

Acq: 13 May 2015 16:04

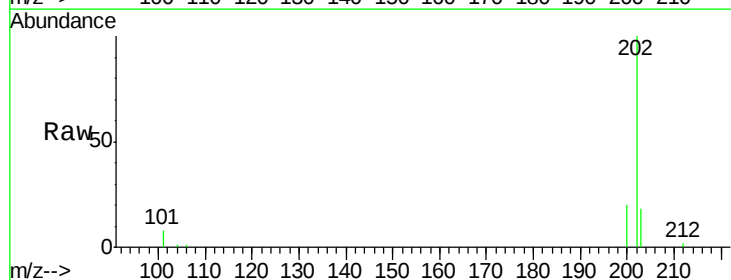
Tgt Ion:202 Resp: 10158

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.1

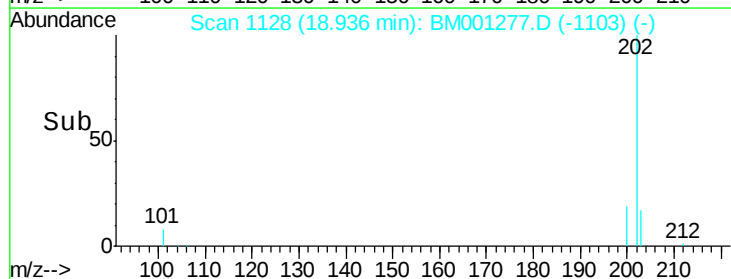
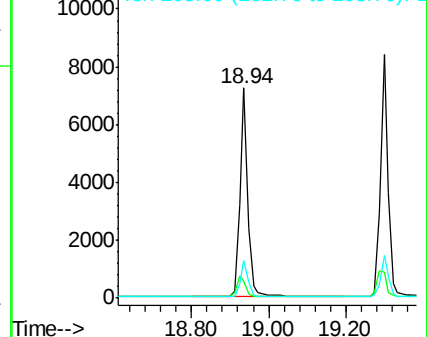
203 17.8 0.0 38.6

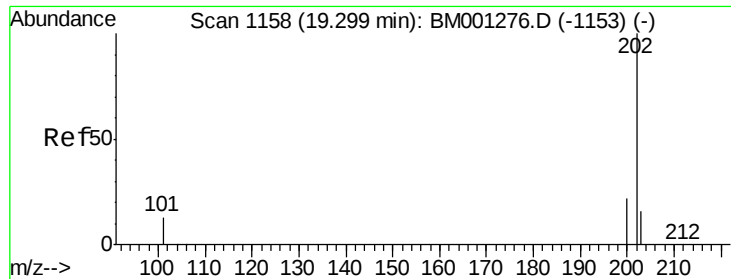


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

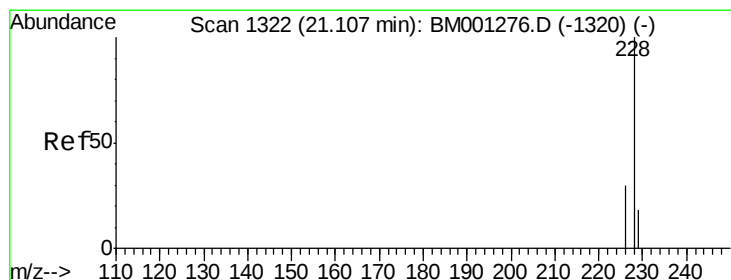
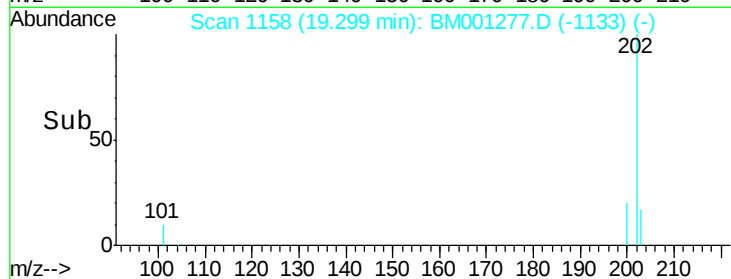
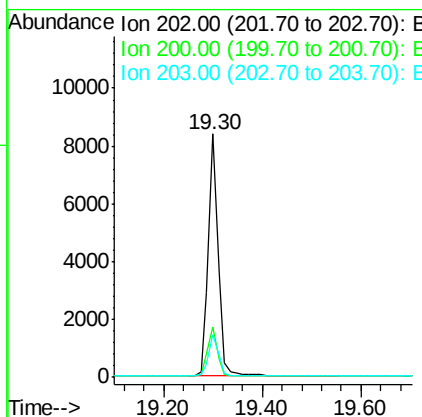
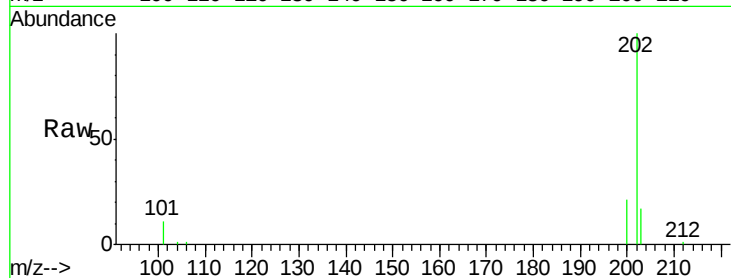




#17
 Pyrene
 Concen: 0.95 ng/ul
 RT: 19.30 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BM001277.D
 Acq: 13 May 2015 16:04

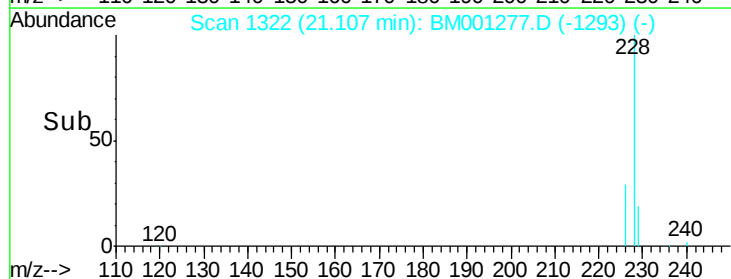
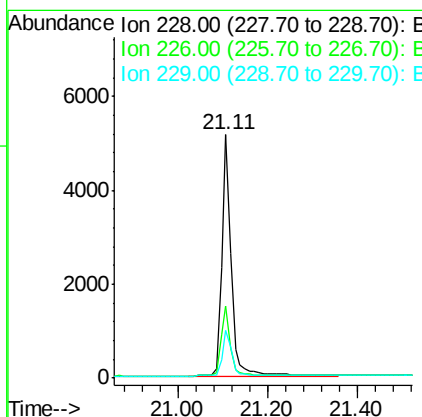
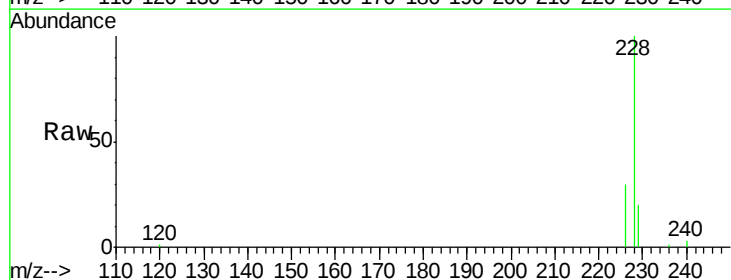
Instrument :
 BNA_M
 ClientSampleId :
 X1R76

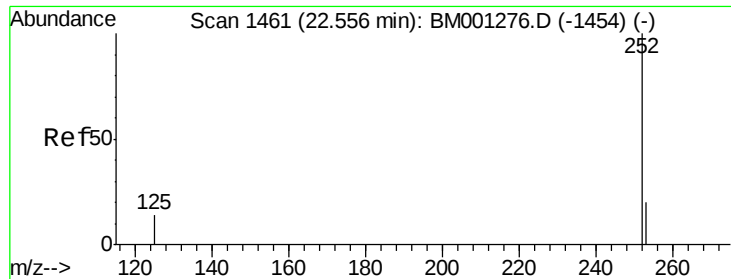
Tgt Ion: 202 Resp: 11623
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.8 25.2
 203 17.4 15.0 22.4



#19
 Chrysene
 Concen: 0.68 ng/ul
 RT: 21.11 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BM001277.D
 Acq: 13 May 2015 16:04

Tgt Ion: 228 Resp: 7421
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.0 34.6
 229 19.7 17.4 26.0





#21

Benzo(b)fluoranthene

Concen: 0.58 ng/ul

RT: 22.56 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BM001277.D

Acq: 13 May 2015 16:04

Instrument :

BNA_M

ClientSampleId :

X1R76

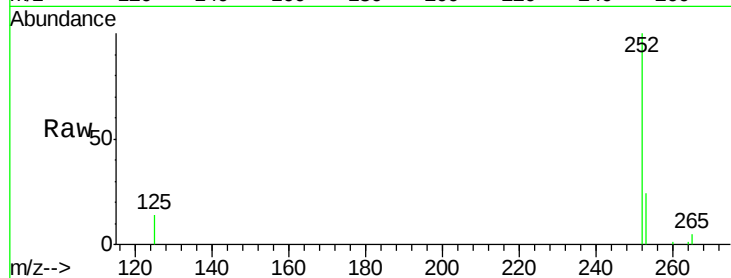
Tgt Ion:252 Resp: 6277

Ion Ratio Lower Upper

252 100

253 23.6 0.0 51.0

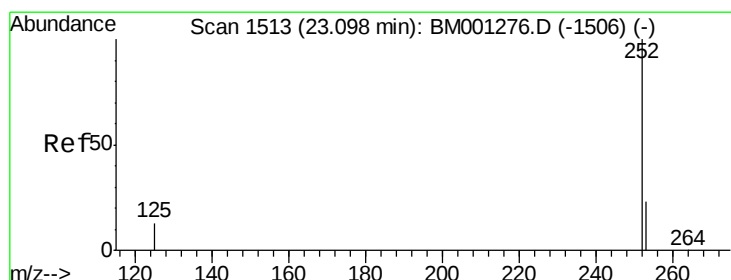
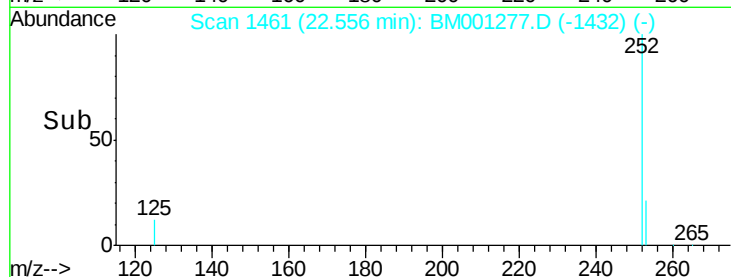
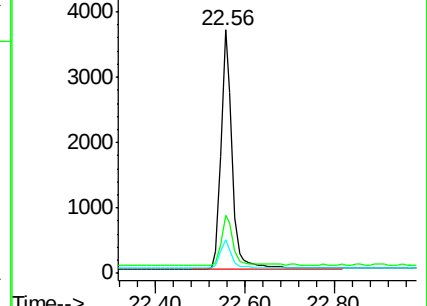
125 14.1 0.0 30.8



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



#23

Benzo(a)pyrene

Concen: 0.76 ng/ul

RT: 23.09 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BM001277.D

Acq: 13 May 2015 16:04

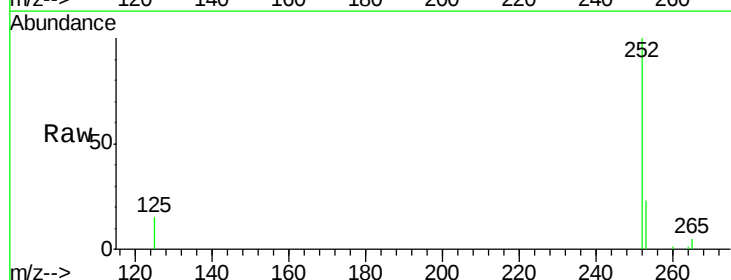
Tgt Ion:252 Resp: 7898

Ion Ratio Lower Upper

252 100

253 23.0 21.7 32.5

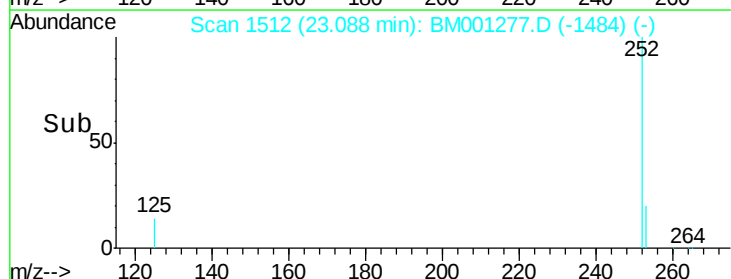
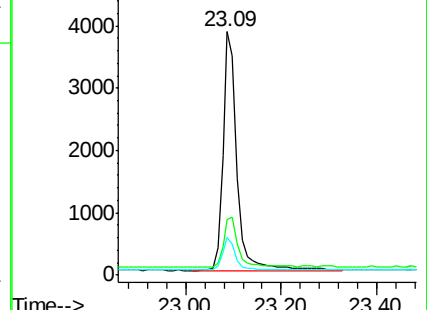
125 15.4 14.7 22.1

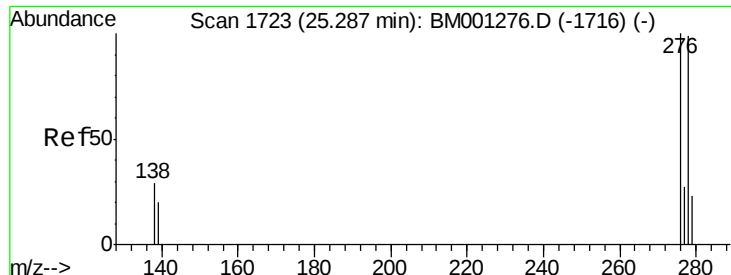


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.72 ng/ul

RT: 25.28 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BM001277.D

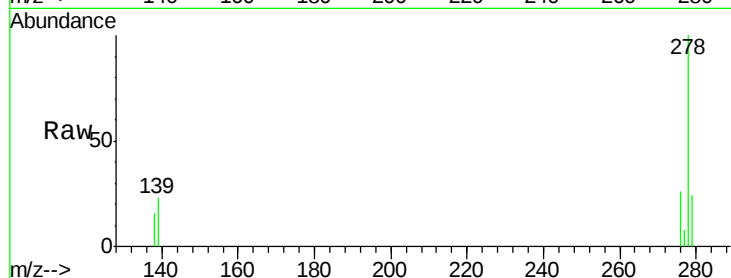
Acq: 13 May 2015 16:04

Instrument :

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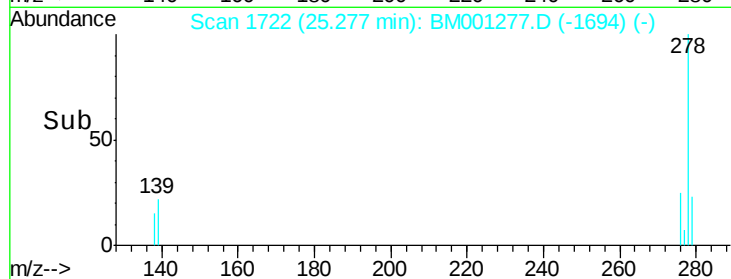
Tgt Ion: 278 Resp: 15668

Ion Ratio Lower Upper

278 100

139 22.6 18.6 28.0

279 23.9 23.2 34.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

