

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061316\
 Data File : BM005779.D
 Acq On : 13 Jun 2016 20:49
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.465

Quant Time: Jun 14 01:33:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM061316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 19:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5578	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	20644	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	12860	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.14	188	21209	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	21353	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	21121	0.40	ng/ul	-0.01

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	6030	2.22	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.14	152	10996	0.43	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	21238	0.48	ng/ul	0.00

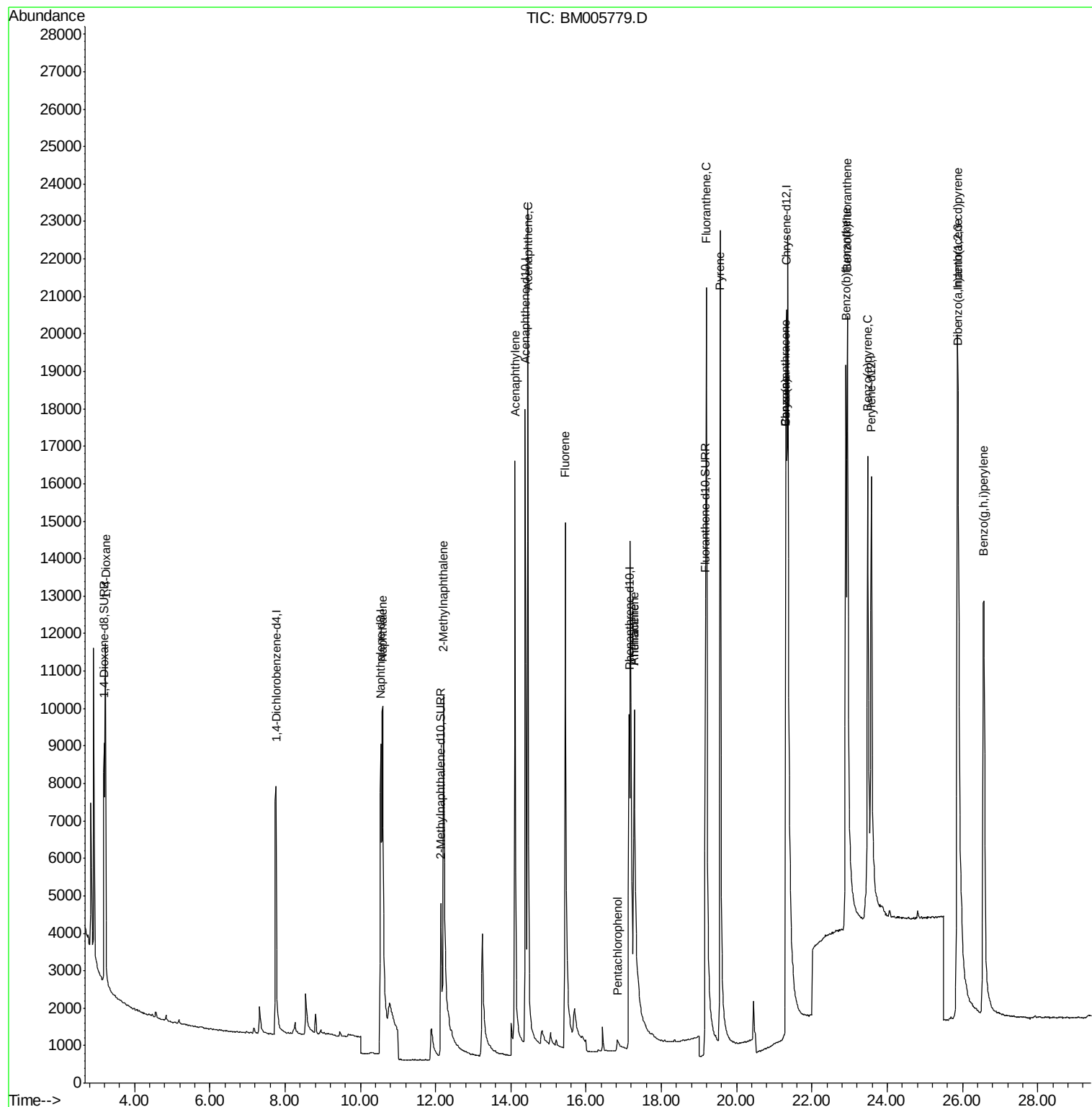
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.23	88	8072	2.14	ng/ul#	8
5) Naphthalene	10.60	128	20522	0.44	ng/ul	96
7) 2-Methylnaphthalene	12.22	142	13867	0.42	ng/ul	97
9) Acenaphthylene	14.11	152	25297	0.43	ng/ul	94
10) Acenaphthene	14.45	153	17751	0.43	ng/ul	94
11) Fluorene	15.44	166	16856	0.43	ng/ul	84
13) Pentachlorophenol	16.83	266	655	0.44	ng/ul	94
14) Phenanthrene	17.28	178	12516	0.25	ng/ul	96
15) Anthracene	17.28	178	19519	0.31	ng/ul	96
17) Fluoranthene	19.19	202	30248	0.48	ng/ul	95
19) Pyrene	19.56	202	31548	0.43	ng/ul	98
20) Benzo(a)anthracene	21.30	228	21421	0.43	ng/ul#	92
21) Chrysene	21.30	228	21389	0.28	ng/ul	95
23) Benzo(b)fluoranthene	22.90	252	25870	0.44	ng/ul	93
24) Benzo(k)fluoranthene	22.94	252	31786	0.43	ng/ul#	96
25) Benzo(a)pyrene	23.48	252	29027	0.44	ng/ul#	92
26) Indeno(1,2,3-cd)pyrene	25.87	276	33134	0.44	ng/ul#	92
27) Dibenzo(a,h)anthracene	25.88	278	26310	0.45	ng/ul#	91
28) Benzo(g,h,i)perylene	26.57	276	29642	0.44	ng/ul	96

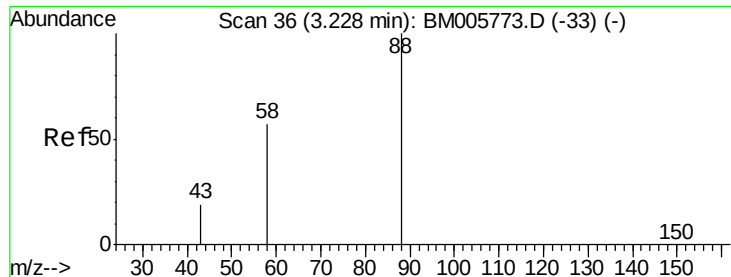
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061316\
Data File : BM005779.D
Acq On : 13 Jun 2016 20:49
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.465

Quant Time: Jun 14 01:33:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM061316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 19:45:38 2016
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 2.14 ng/ul

RT: 3.23 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

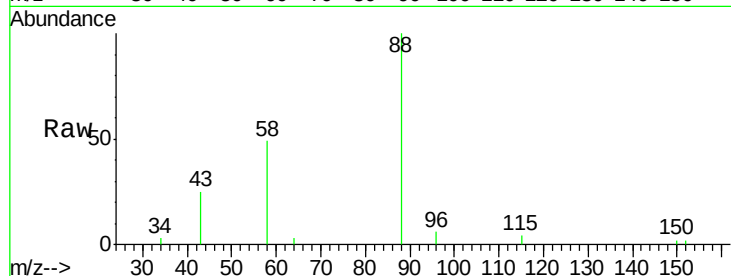
Tgt Ion: 88 Resp: 8072

Ion Ratio Lower Upper

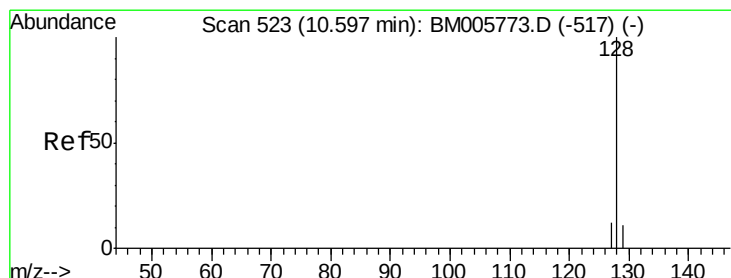
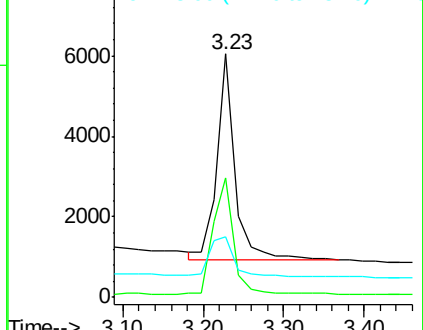
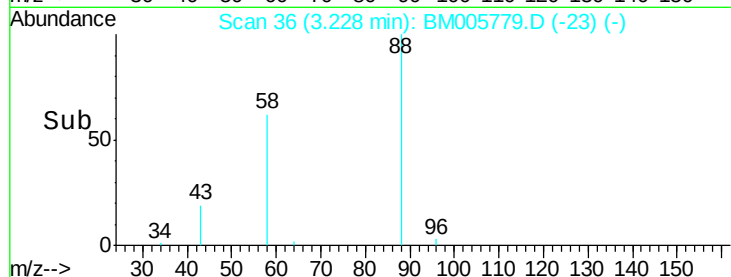
88 100

58 62.6 8.0 12.0#

43 25.9 8.0 12.0#



Abundance Ion 88.00 (87.70 to 88.70): BM005779.D (-23) (-)



#5

Naphthalene

Concen: 0.44 ng/ul

RT: 10.60 min Scan# 523

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

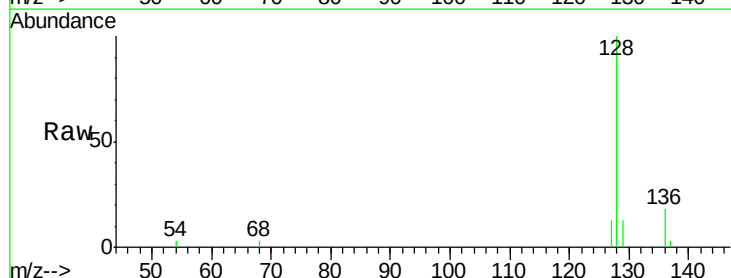
Tgt Ion: 128 Resp: 20522

Ion Ratio Lower Upper

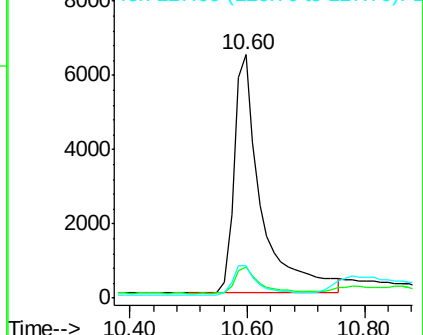
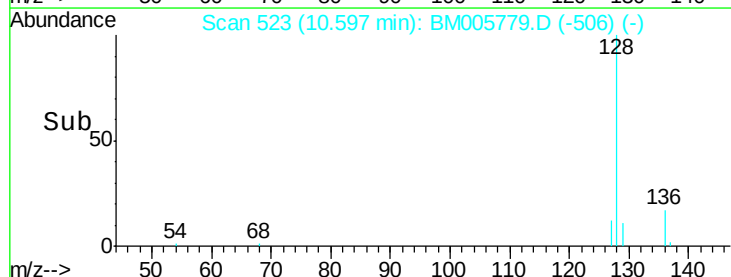
128 100

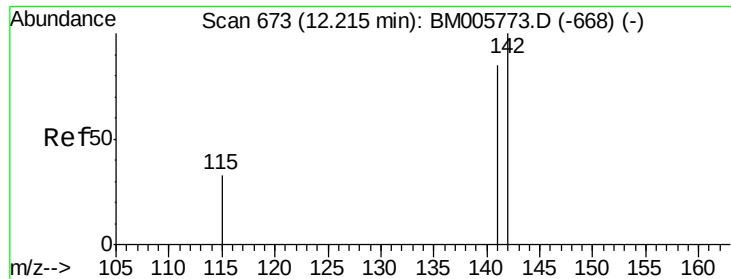
129 12.9 9.0 13.6

127 13.3 9.6 14.4



Abundance Ion 128.00 (127.70 to 128.70): BM005779.D (-506) (-)





#7

2-Methylnaphthalene

Concen: 0.42 ng/ul

RT: 12.22 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

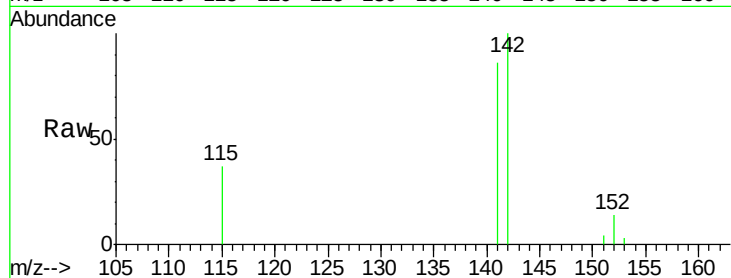
SSTD0.465

Tgt Ion:142 Resp: 13867

Ion Ratio Lower Upper

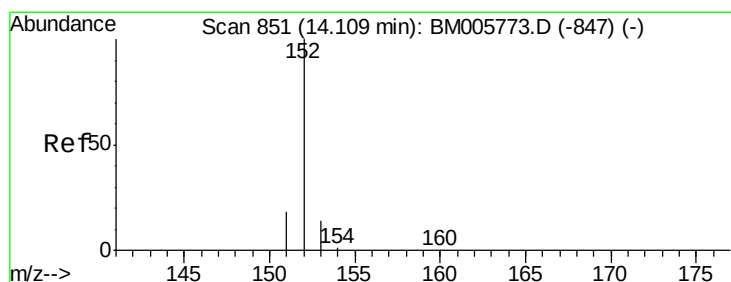
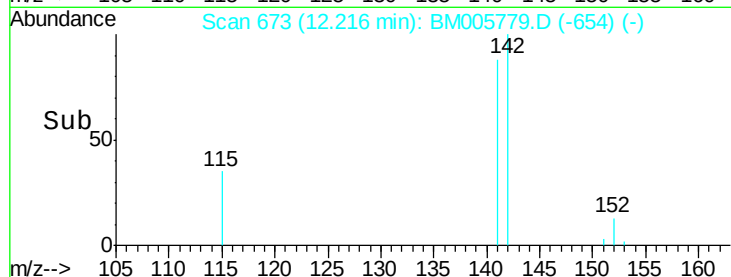
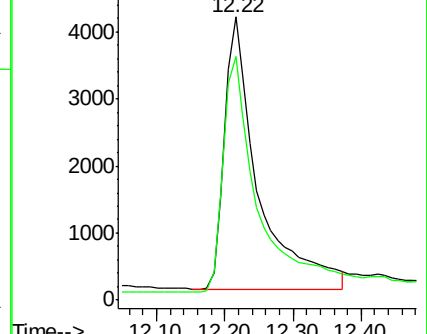
142 100

141 90.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.43 ng/ul

RT: 14.11 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

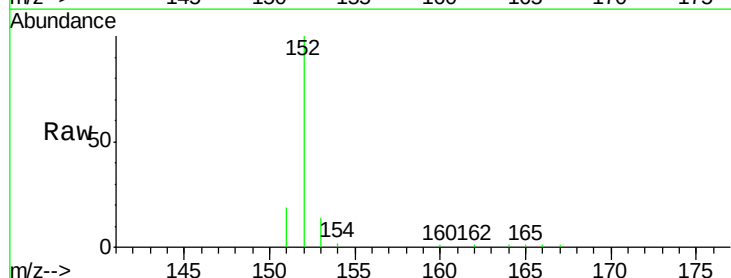
Tgt Ion:152 Resp: 25297

Ion Ratio Lower Upper

152 100

151 18.7 17.6 26.4

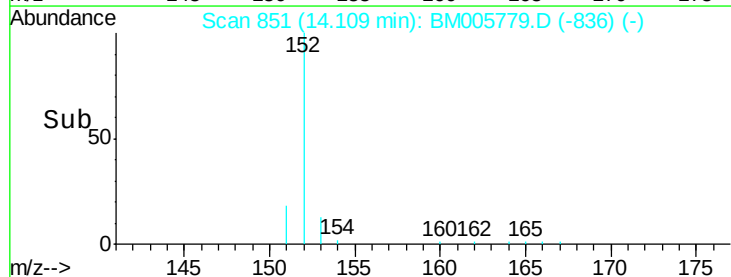
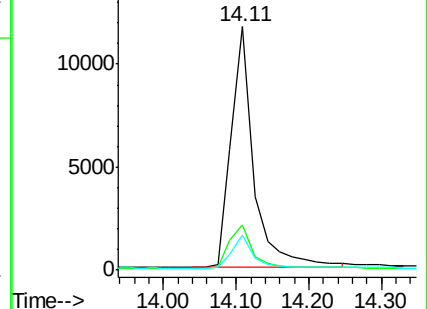
153 14.1 9.7 14.5

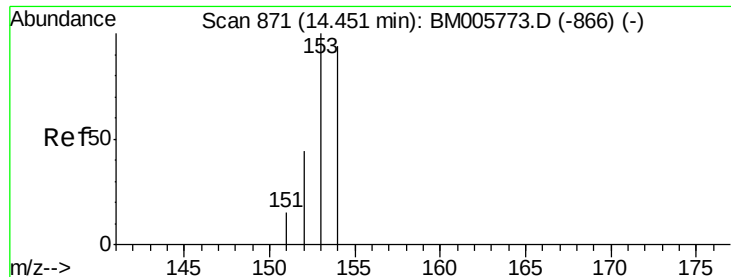


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.43 ng/ul

RT: 14.45 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

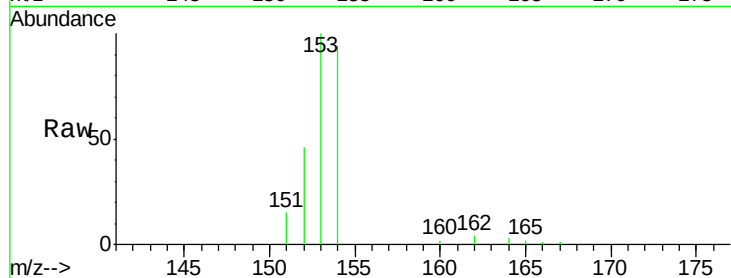
Tgt Ion:153 Resp: 17751

Ion Ratio Lower Upper

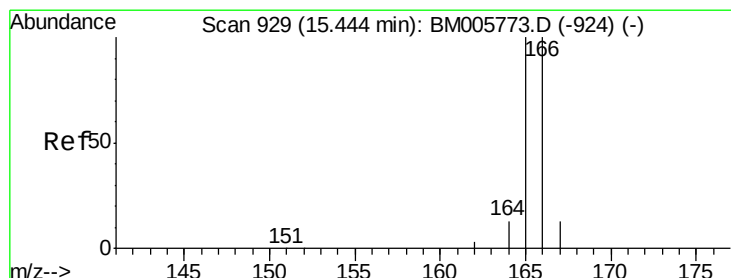
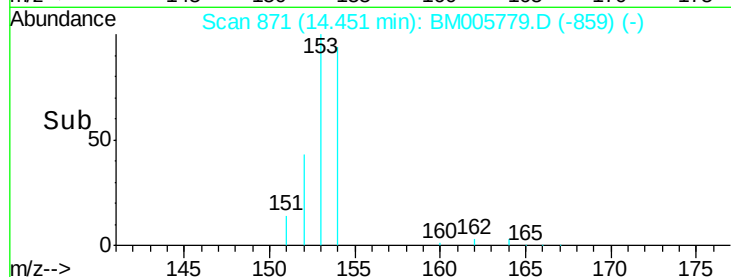
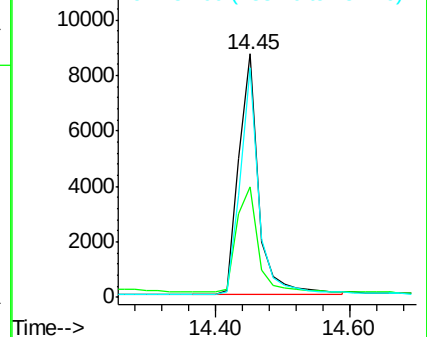
153 100

152 45.5 33.9 50.9

154 94.2 80.6 121.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 0.43 ng/ul

RT: 15.44 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

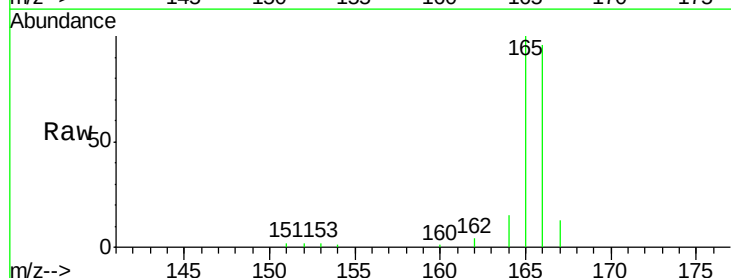
Tgt Ion:166 Resp: 16856

Ion Ratio Lower Upper

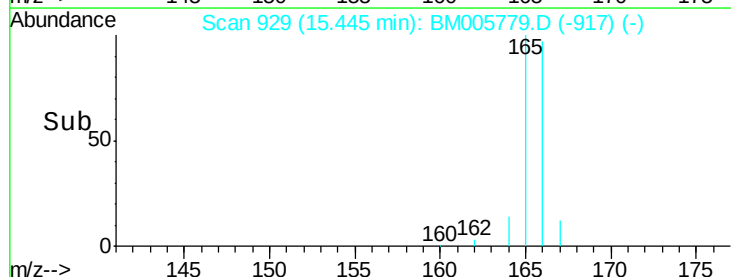
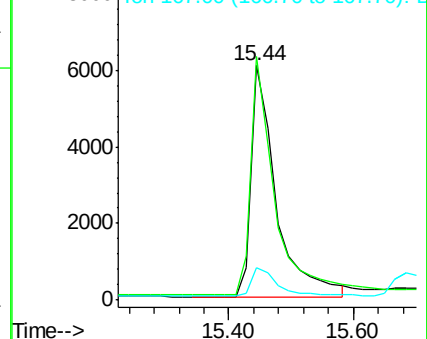
166 100

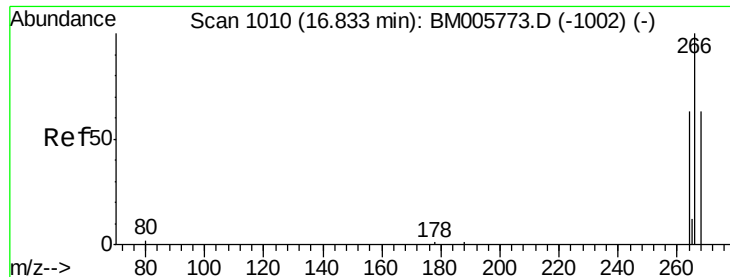
165 103.9 69.6 104.4

167 13.8 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

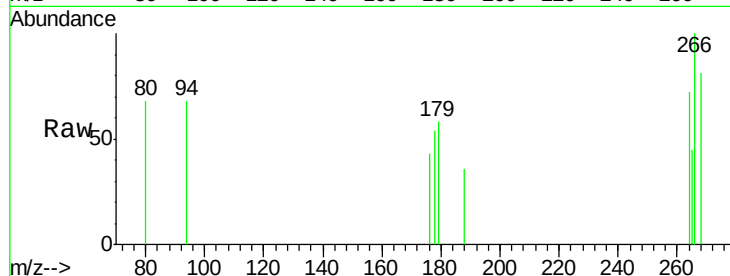




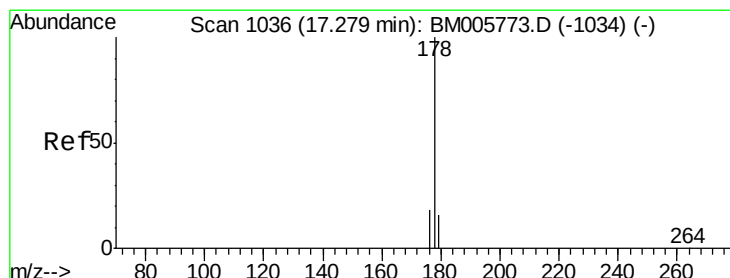
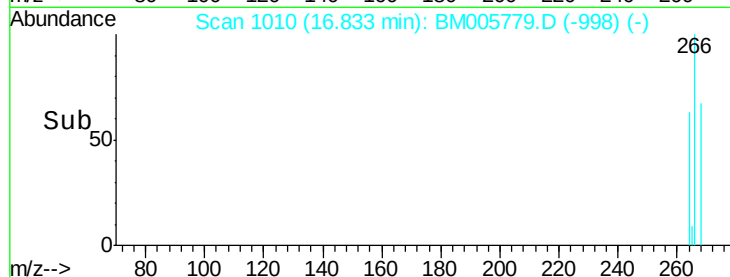
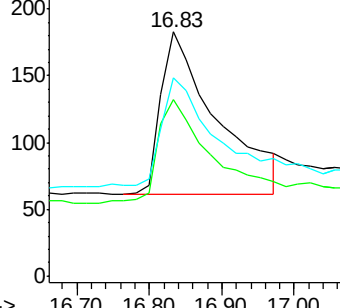
#13
 Pentachlorophenol
 Concen: 0.44 ng/ul
 RT: 16.83 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM005779.D
 Acq: 13 Jun 2016 20:49

Instrument :
 BNA_M
 ClientSampleId :
 SST0.465

Tgt Ion: 266 Resp: 655
 Ion Ratio Lower Upper
 266 100
 264 62.3 51.8 77.8
 268 65.3 46.8 70.2

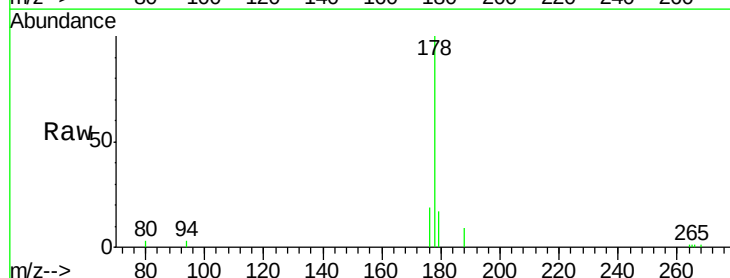


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

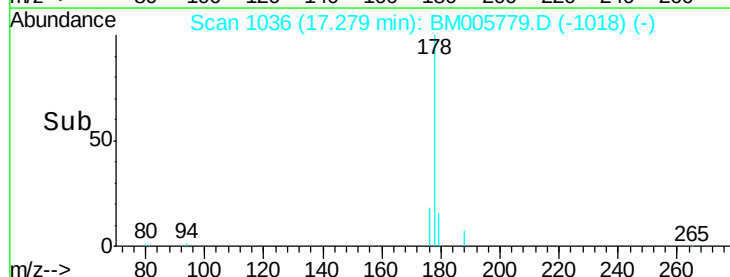
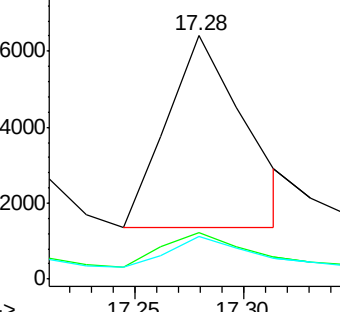


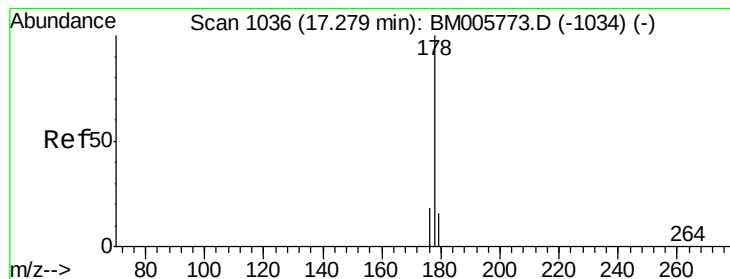
#14
 Phenanthrene
 Concen: 0.25 ng/ul
 RT: 17.28 min Scan# 1036
 Delta R.T. 0.10 min
 Lab File: BM005779.D
 Acq: 13 Jun 2016 20:49

Tgt Ion: 178 Resp: 12516
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.0 19.4
 179 17.3 14.2 21.2



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

Anthracene

Concen: 0.31 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

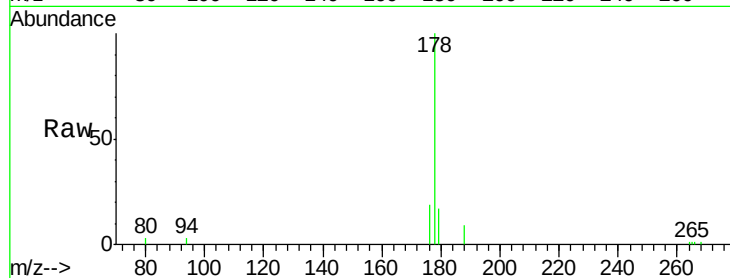
Tgt Ion:178 Resp: 19519

Ion Ratio Lower Upper

178 100

176 19.4 14.0 21.0

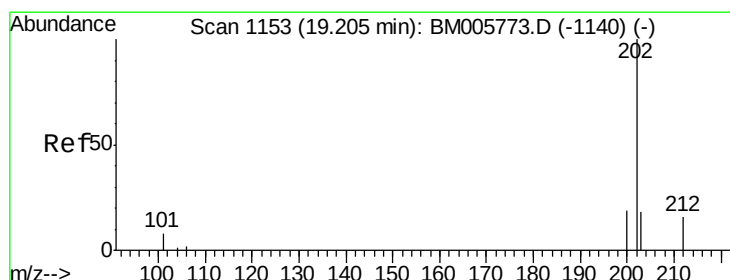
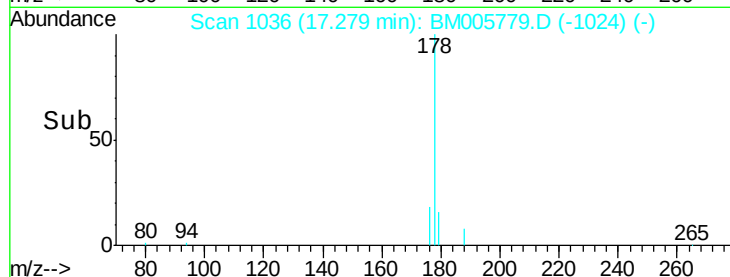
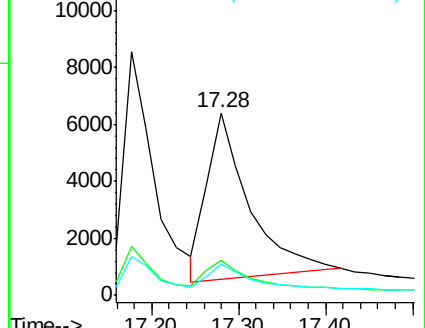
179 17.3 12.9 19.3



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



#17

Fluoranthene

Concen: 0.48 ng/ul

RT: 19.19 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

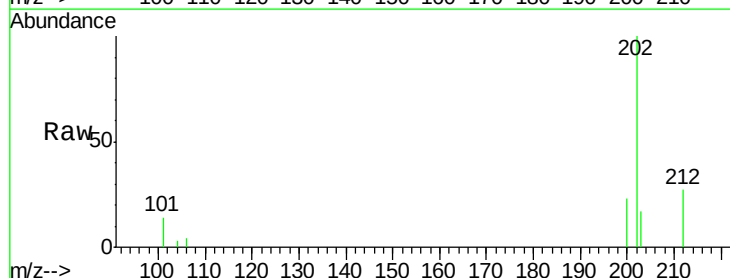
Tgt Ion:202 Resp: 30248

Ion Ratio Lower Upper

202 100

101 13.6 0.0 29.6

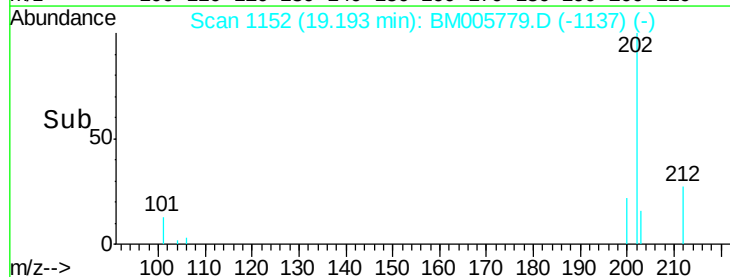
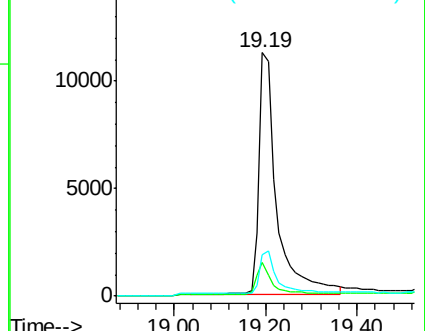
203 17.1 0.0 36.3

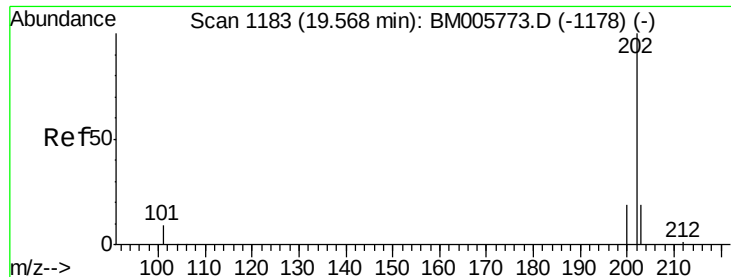


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.43 ng/ul

RT: 19.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

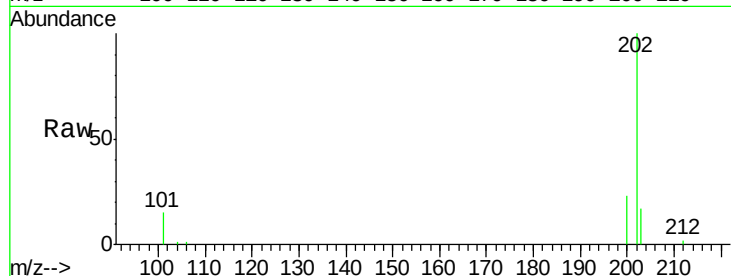
Tgt Ion:202 Resp: 31548

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

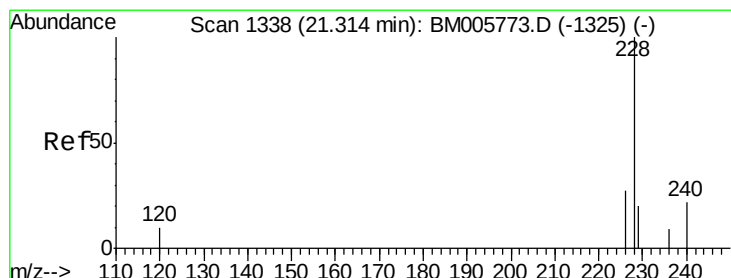
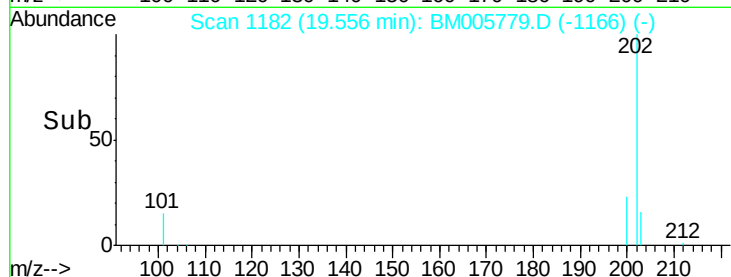
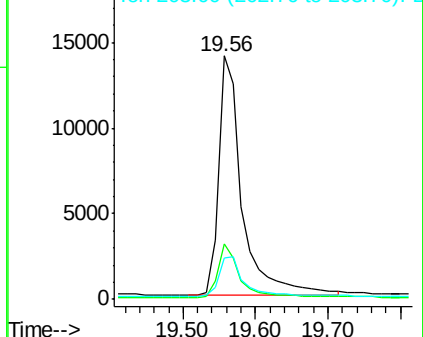
203 17.2 12.8 19.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#20

Benzo(a)anthracene

Concen: 0.43 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

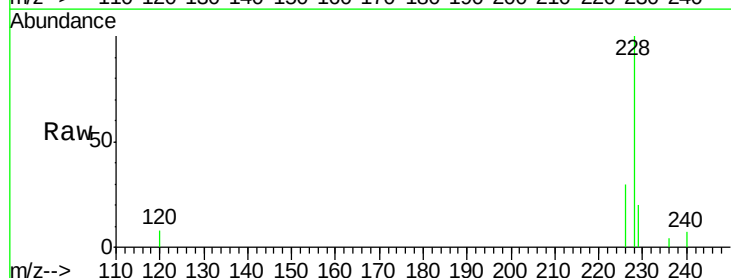
Tgt Ion:228 Resp: 21421

Ion Ratio Lower Upper

228 100

226 29.9 18.8 28.2#

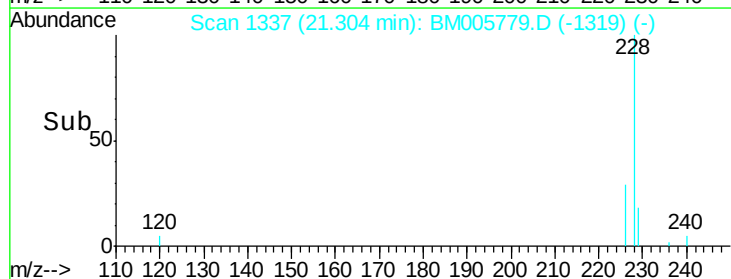
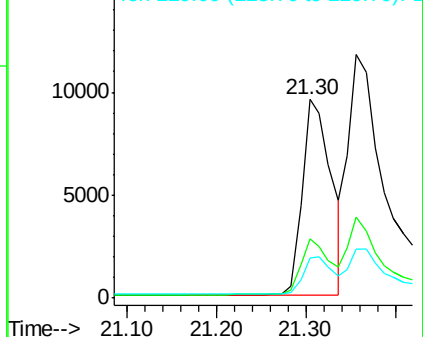
229 20.1 17.1 25.7

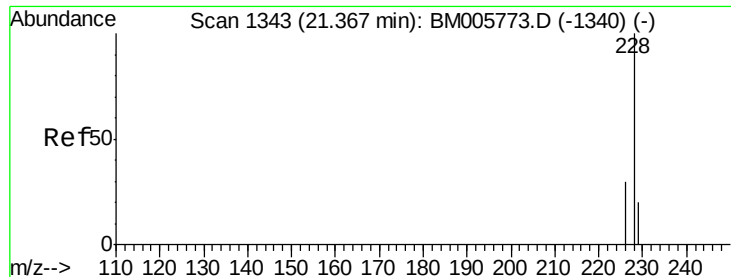


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.28 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.06 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

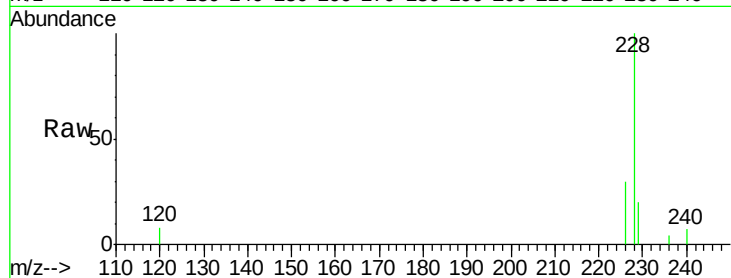
Tgt Ion:228 Resp: 21389

Ion Ratio Lower Upper

228 100

226 29.9 21.2 31.8

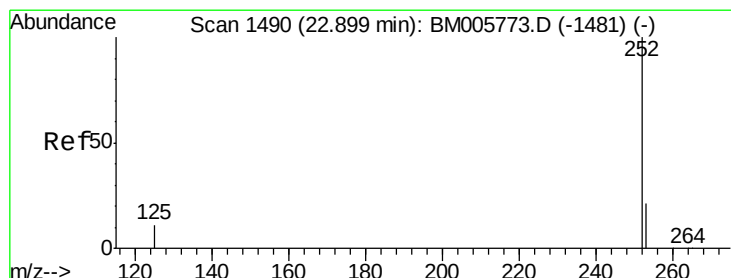
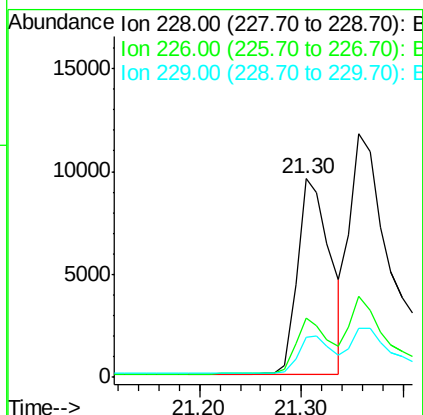
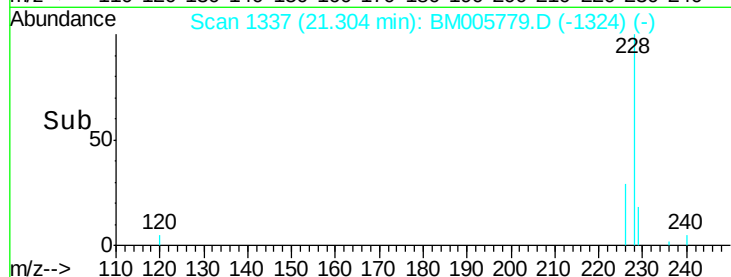
229 20.1 17.0 25.6



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



#23

Benzo(b)fluoranthene

Concen: 0.44 ng/ul

RT: 22.90 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

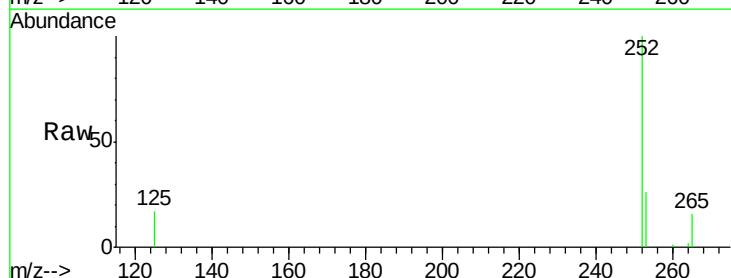
Tgt Ion:252 Resp: 25870

Ion Ratio Lower Upper

252 100

253 26.5 0.0 45.4

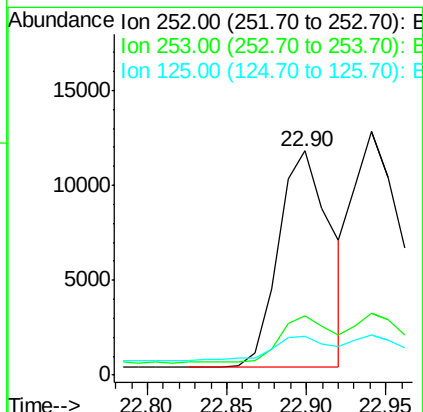
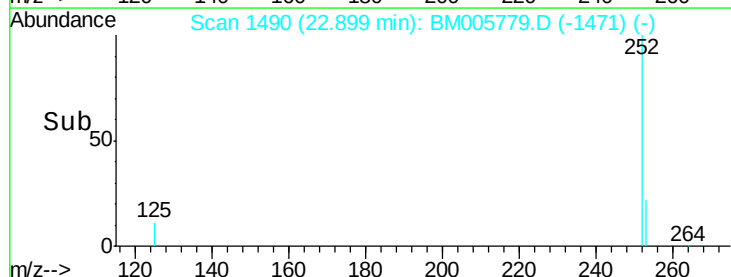
125 17.1 0.0 28.8

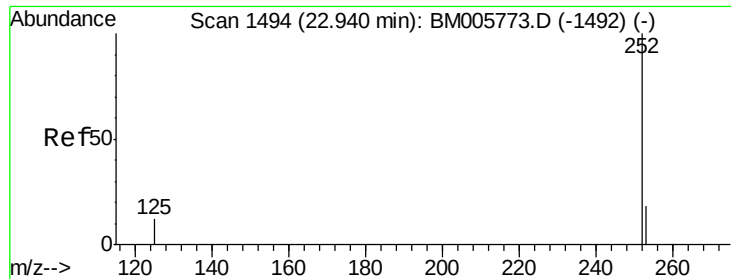


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.43 ng/ul

RT: 22.94 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

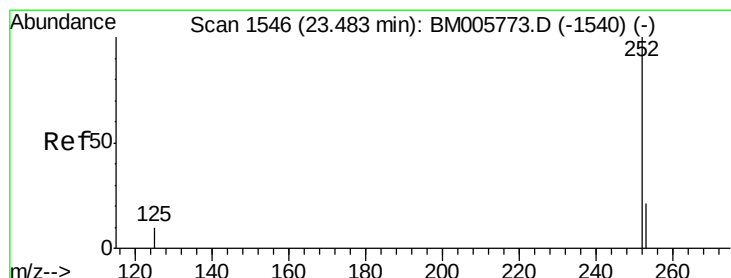
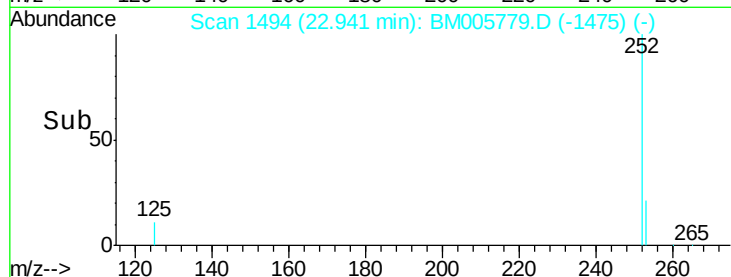
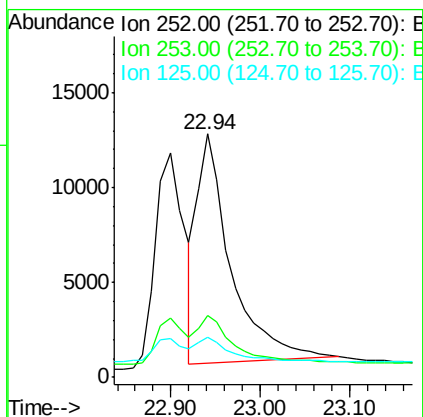
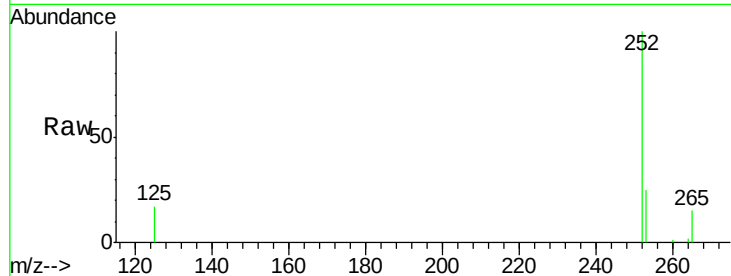
Tgt Ion:252 Resp: 31786

Ion Ratio Lower Upper

252 100

253 25.3 19.8 29.8

125 16.7 10.4 15.6#



#25

Benzo(a)pyrene

Concen: 0.44 ng/ul

RT: 23.48 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

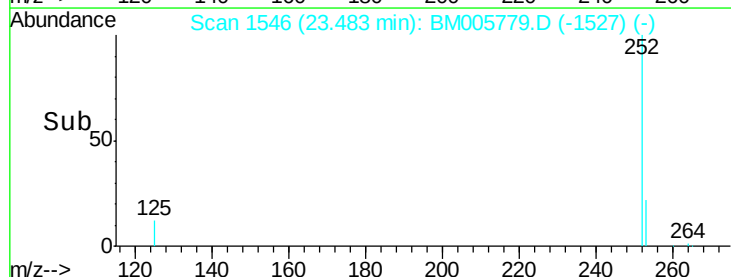
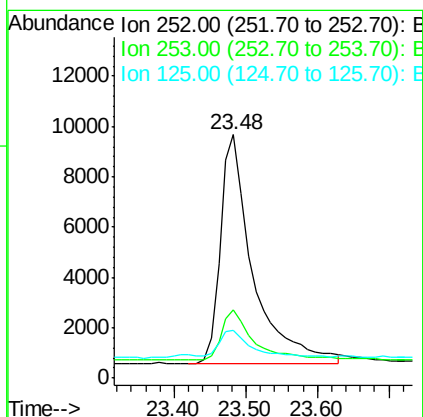
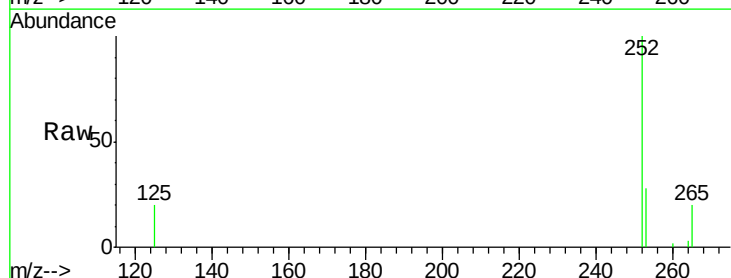
Tgt Ion:252 Resp: 29027

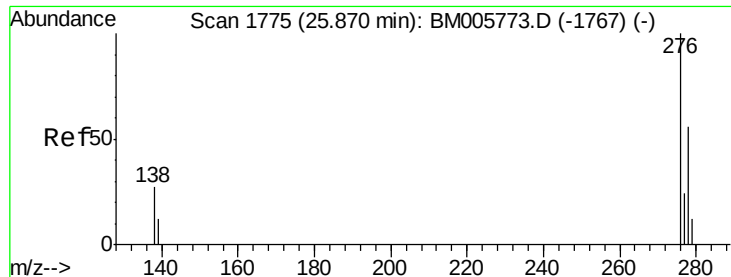
Ion Ratio Lower Upper

252 100

253 27.9 19.4 29.2

125 19.6 12.7 19.1#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.44 ng/ul

RT: 25.87 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465

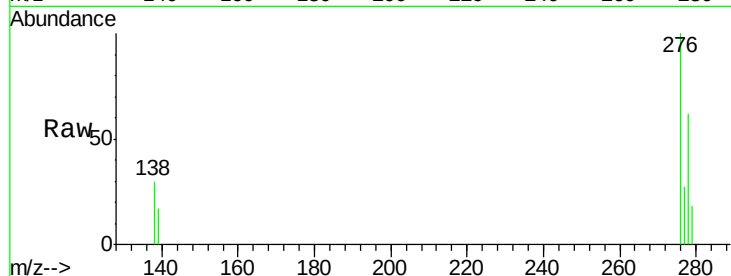
Tgt Ion:276 Resp: 33134

Ion Ratio Lower Upper

276 100

138 28.3 16.3 24.5#

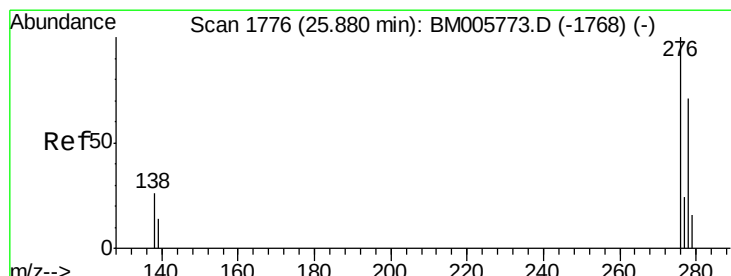
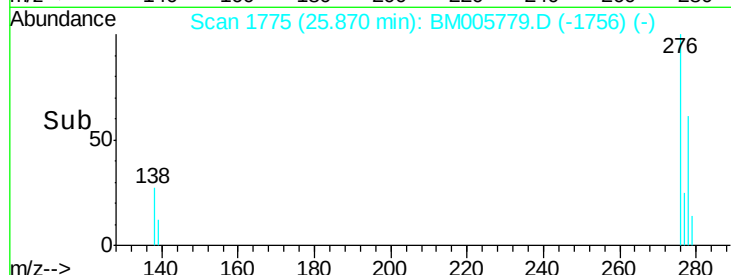
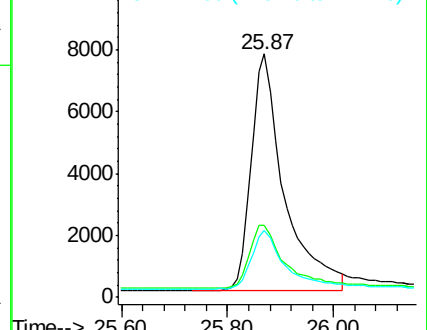
277 25.2 19.8 29.8



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



#27

Dibenzo(a,h)anthracene

Concen: 0.45 ng/ul

RT: 25.88 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BM005779.D

Acq: 13 Jun 2016 20:49

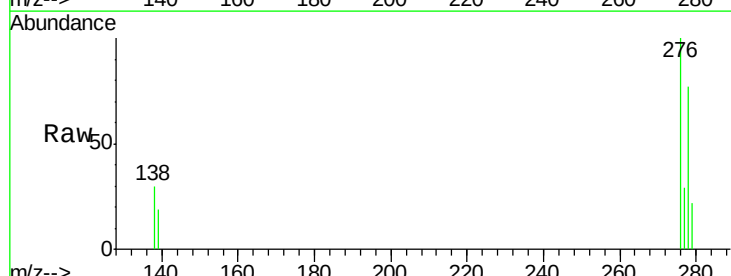
Tgt Ion:278 Resp: 26310

Ion Ratio Lower Upper

278 100

139 25.0 16.4 24.6#

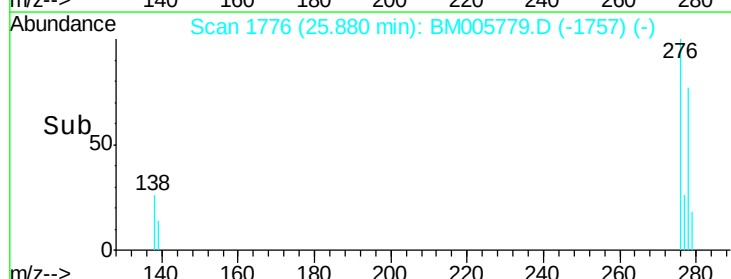
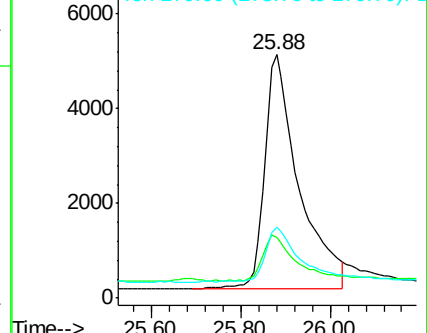
279 29.0 20.2 30.2

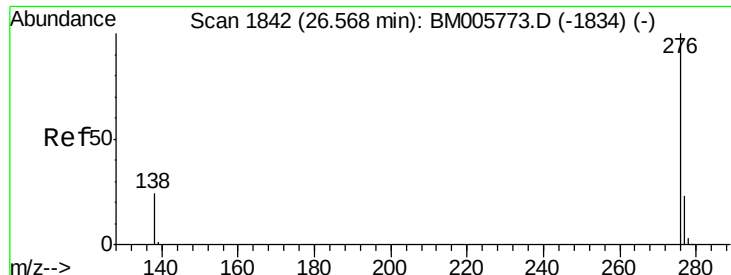


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.44 ng/ul

RT: 26.57 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BM005779.D

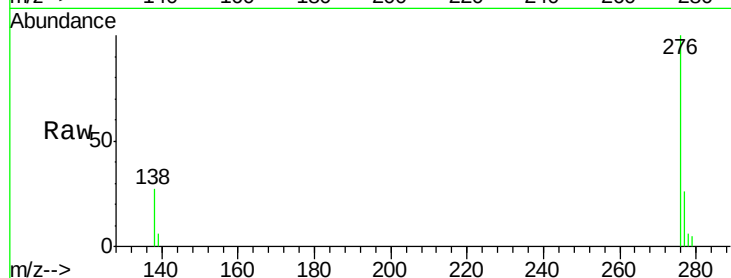
Acq: 13 Jun 2016 20:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.465



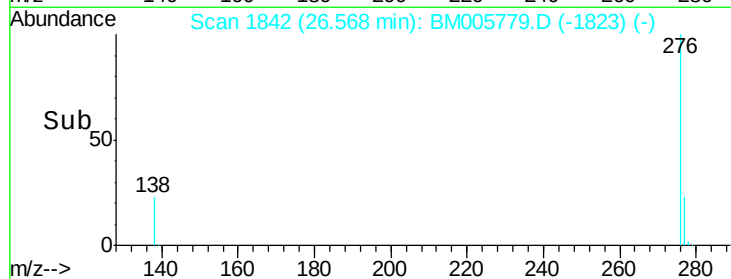
Tgt Ion: 276 Resp: 29642

Ion Ratio Lower Upper

276 100

277 26.2 18.9 28.3

138 26.8 22.5 33.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

