

Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003854.D
 Acq On : 29 Dec 2015 18:10
 Operator : SJ/UM
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.434

Quant Time: Dec 30 03:29:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

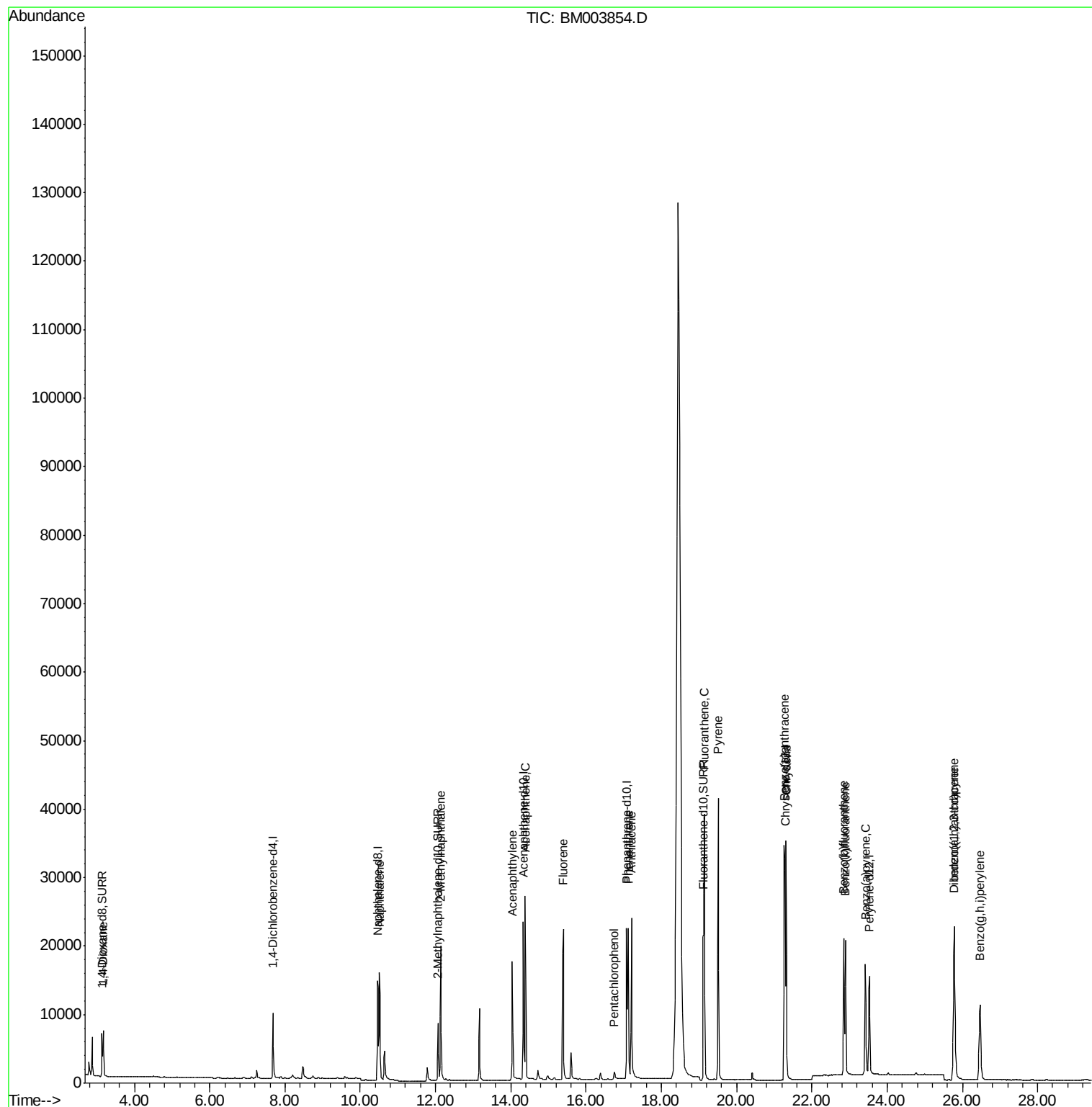
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	5515	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	23592	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	13319	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	30570	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	26097	0.40	ng/ul	0.00
22) Perylene-d12	23.53	264	20158	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	4848	2.06	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	12582	0.44	ng/ul	0.00
16) Fluoranthene-d10	19.13	212	29697	0.46	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.17	88	5789	1.93	ng/ul#	7
5) Naphthalene	10.51	128	23222	0.44	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	16442	0.46	ng/ul	99
9) Acenaphthylene	14.04	152	20417	0.40	ng/ul	98
10) Acenaphthene	14.38	153	18189	0.44	ng/ul#	81
11) Fluorene	15.39	166	20321	0.45	ng/ul	99
13) Pentachlorophenol	16.75	266	1204	0.27	ng/ul	96
14) Phenanthrene	17.12	178	34044	0.43	ng/ul	99
15) Anthracene	17.21	178	29158	0.43	ng/ul	99
17) Fluoranthene	19.15	202	41251	0.48	ng/ul	96
19) Pyrene	19.51	202	38838	0.55	ng/ul	96
20) Benzo(a)anthracene	21.27	228	29430	0.46	ng/ul	93
21) Chrysene	21.32	228	30633	0.42	ng/ul	95
23) Benzo(b)fluoranthene	22.85	252	27334	0.40	ng/ul	96
24) Benzo(k)fluoranthene	22.89	252	24934	0.40	ng/ul	97
25) Benzo(a)pyrene	23.42	252	24155	0.42	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.78	276	26933	0.40	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.79	278	21673	0.40	ng/ul	99
28) Benzo(g,h,i)perylene	26.47	276	23489	0.40	ng/ul	97

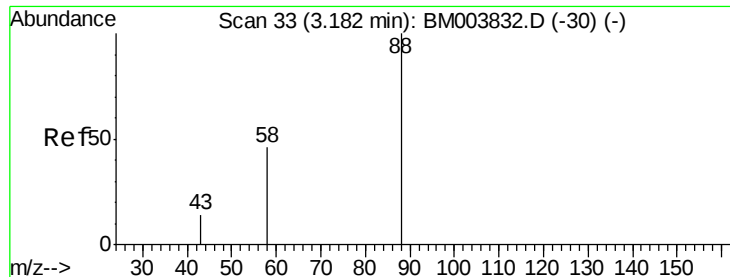
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 1.93 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.02 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.434

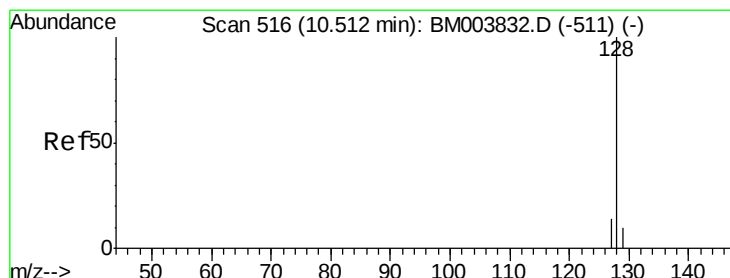
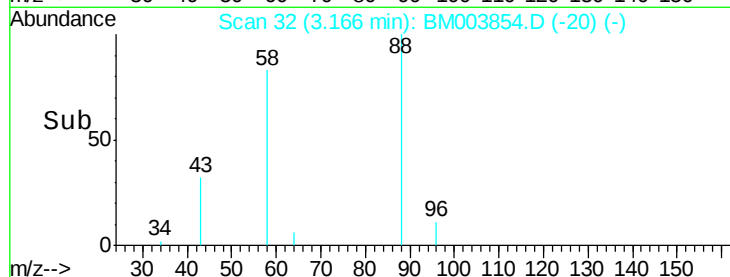
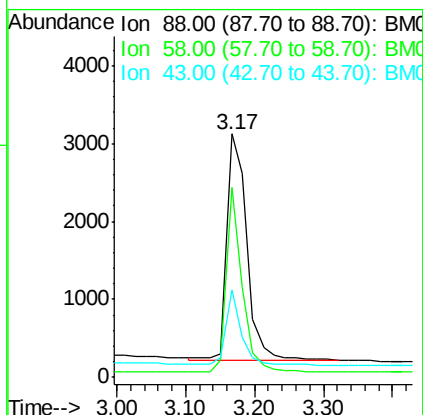
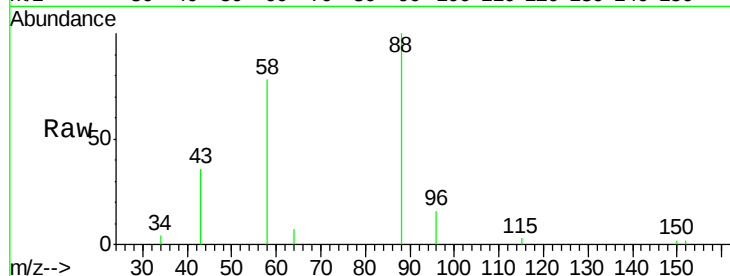
Tot Ion: 88 Resp: 5789

Ion Ratio Lower Upper

88 100

58 63.7 8.0 12.0#

43 25.0 8.0 12.0#



#5

Naphthalene

Concen: 0.44 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

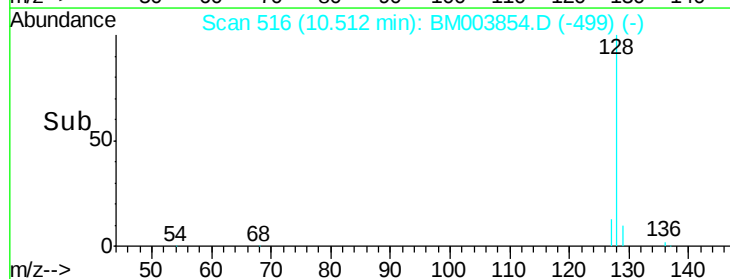
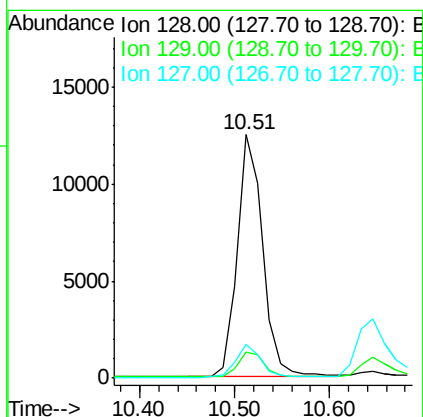
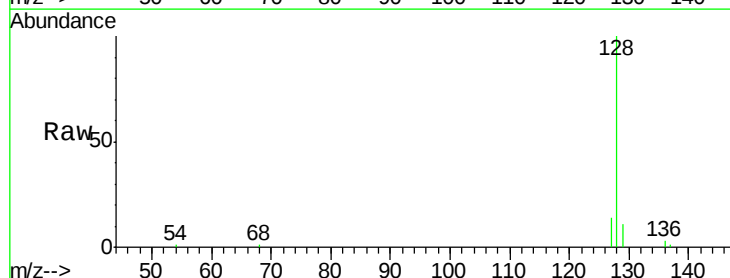
Tgt Ion: 128 Resp: 23222

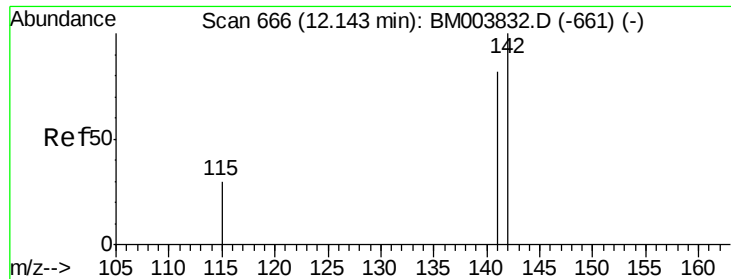
Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.8 9.6 14.4





#7

2-Methylnaphthalene

Concen: 0.46 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

BNA_M

ClientSampleId :

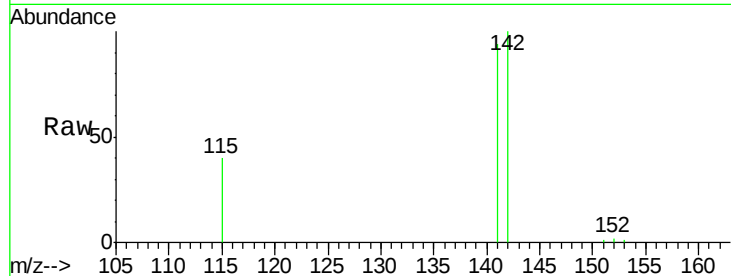
SSTD0.434

Tot Ion:142 Resp: 16442

Ion Ratio Lower Upper

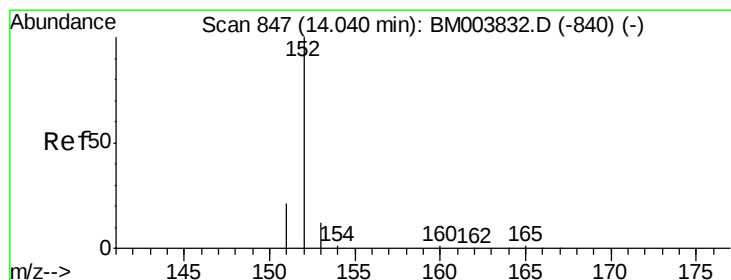
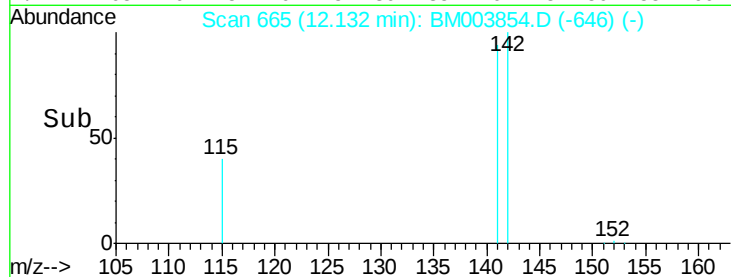
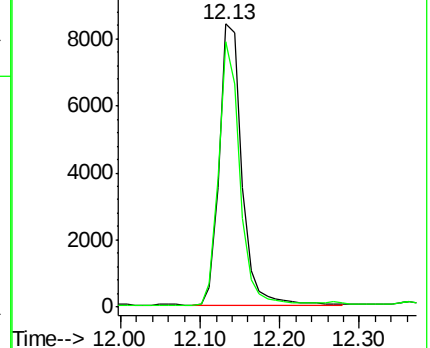
142 100

141 88.7 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: 0.40 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

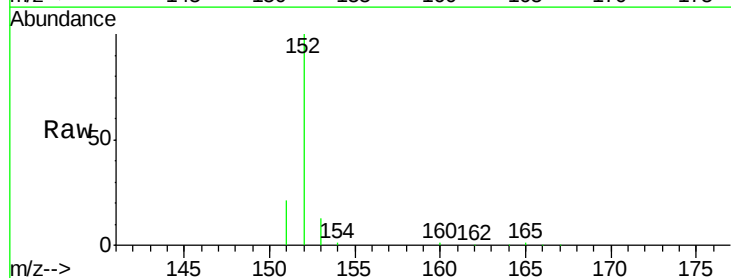
Tgt Ion:152 Resp: 20417

Ion Ratio Lower Upper

152 100

151 20.6 17.6 26.4

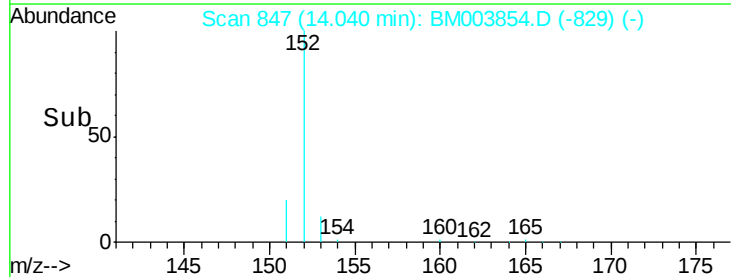
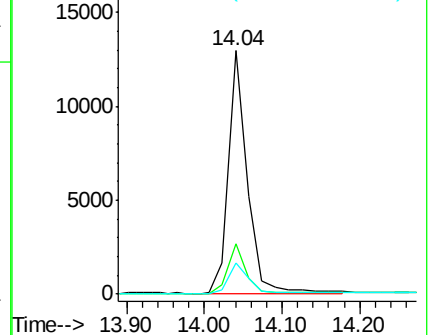
153 12.7 9.7 14.5

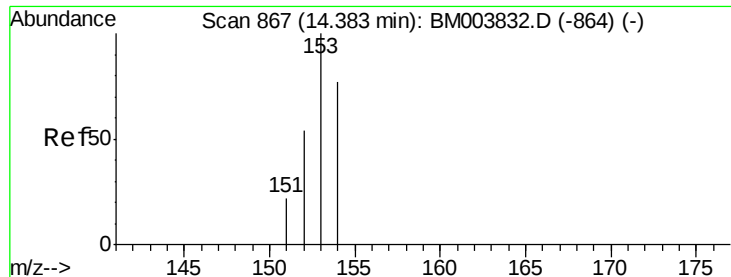


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.44 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.434

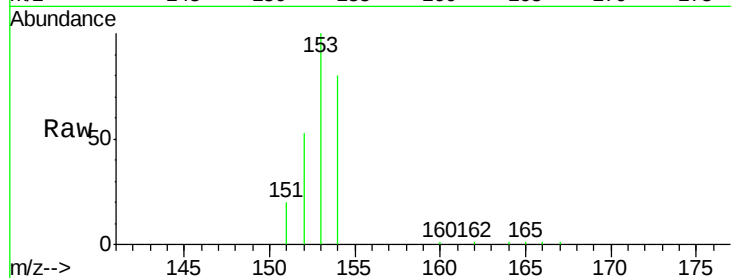
Tot Ion:153 Resp: 18189

Ion Ratio Lower Upper

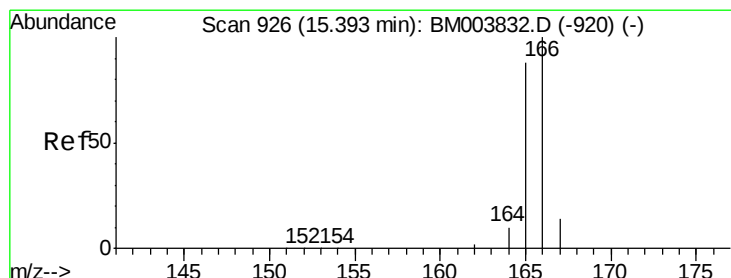
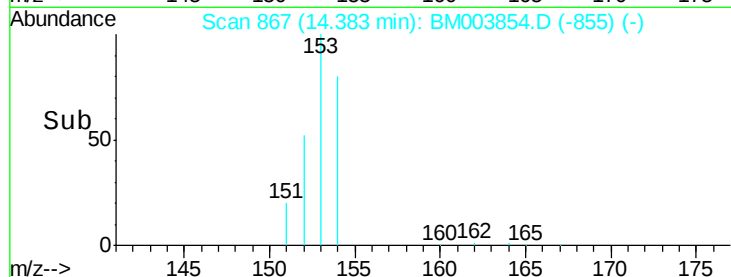
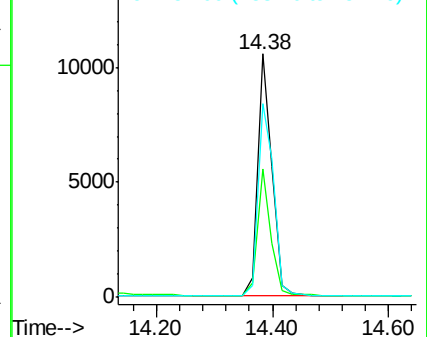
153 100

152 52.5 33.9 50.9#

154 79.8 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: 0.45 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

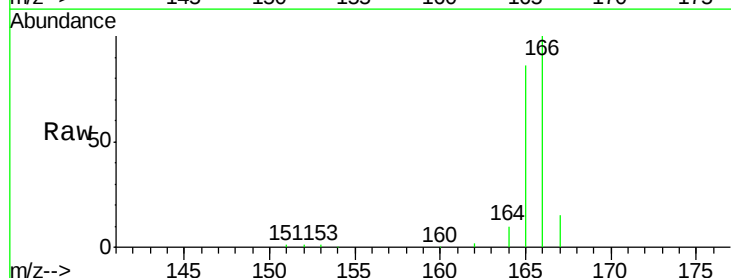
Tgt Ion:166 Resp: 20321

Ion Ratio Lower Upper

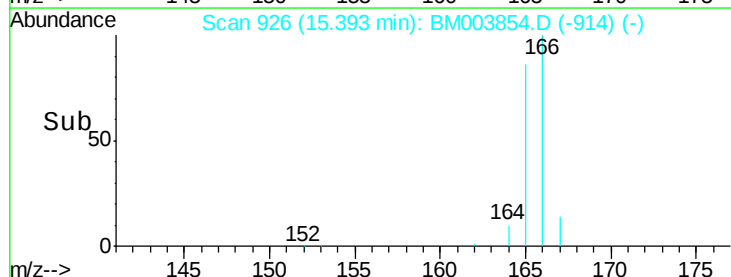
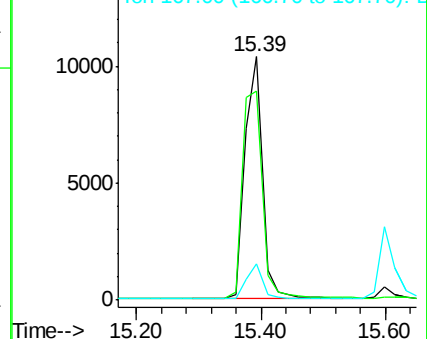
166 100

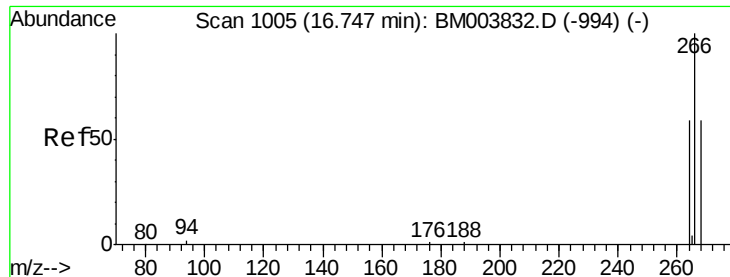
165 85.9 69.6 104.4

167 15.0 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

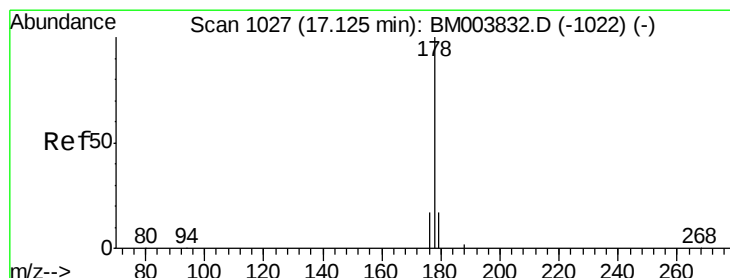
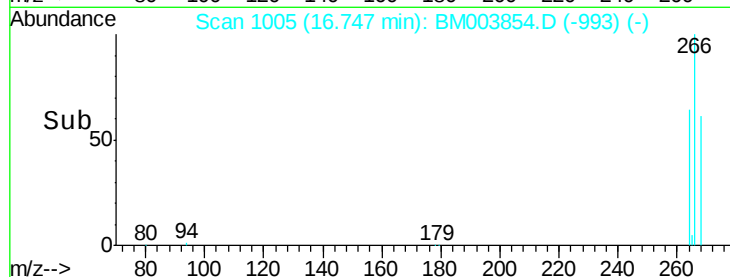
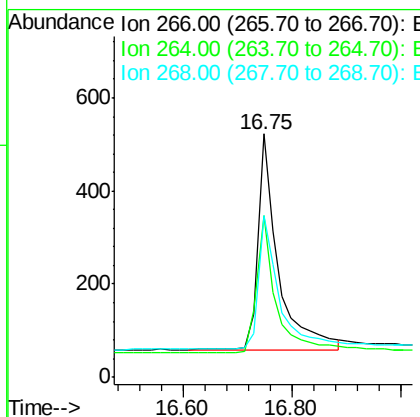
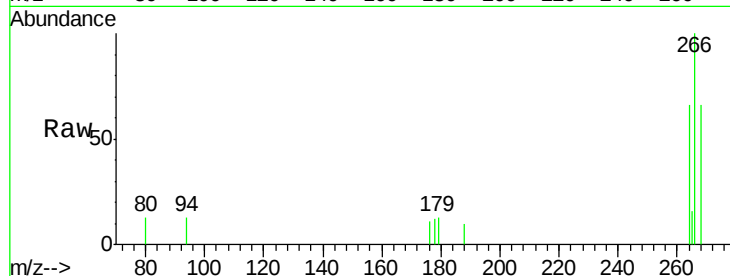




#13
 Pentachlorophenol
 Concen: 0.27 ng/ul
 RT: 16.75 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BM003854.D
 Acq: 29 Dec 2015 18:10

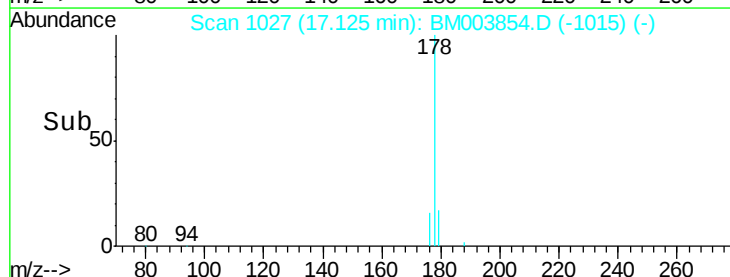
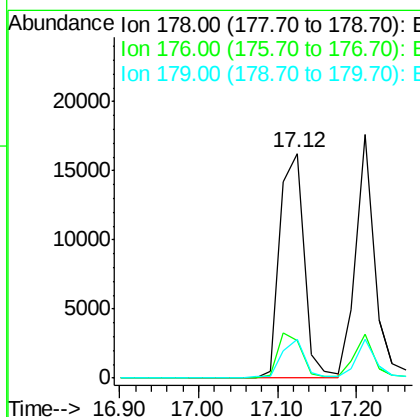
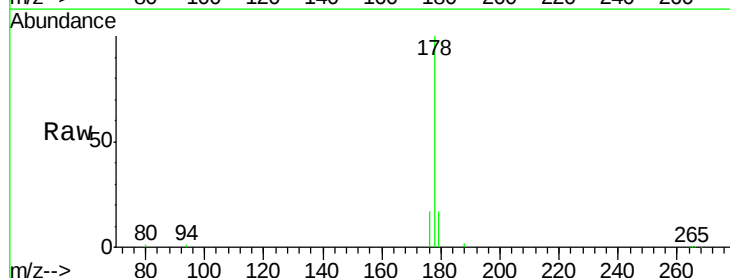
Instrument :
 BNA_M
 ClientSampleId :
 SST0.434

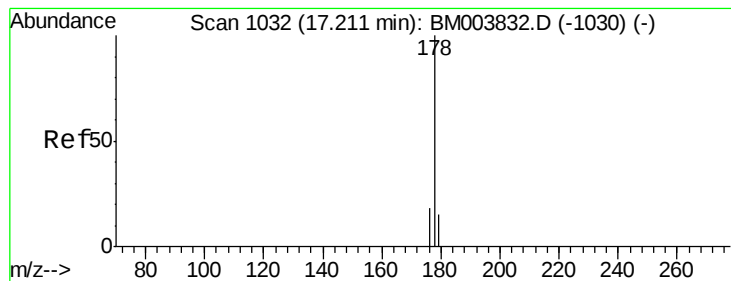
Tot Ion:266 Resp: 1204
 Ion Ratio Lower Upper
 266 100
 264 62.5 51.8 77.8
 268 63.0 46.8 70.2



#14
 Phenanthrene
 Concen: 0.43 ng/ul
 RT: 17.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM003854.D
 Acq: 29 Dec 2015 18:10

Tgt Ion:178 Resp: 34044
 Ion Ratio Lower Upper
 178 100
 176 16.7 13.0 19.4
 179 17.3 14.2 21.2





#15

Anthracene

Concen: 0.43 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.434

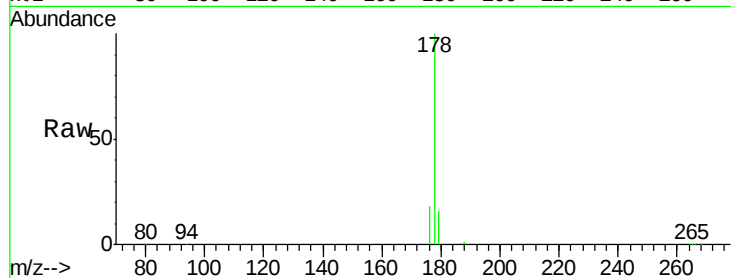
Tot Ion:178 Resp: 29158

Ion Ratio Lower Upper

178 100

176 18.2 14.0 21.0

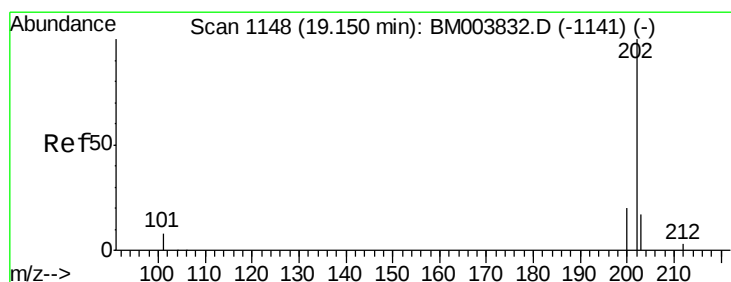
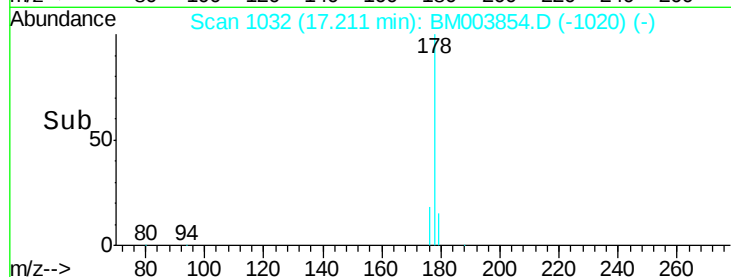
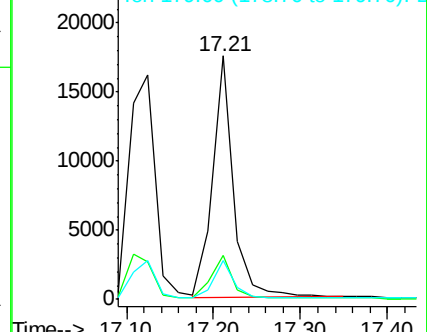
179 15.8 12.9 19.3



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: 19.15 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

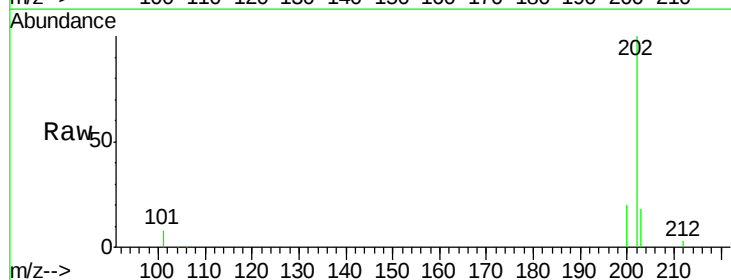
Tgt Ion:202 Resp: 41251

Ion Ratio Lower Upper

202 100

101 7.6 0.0 29.6

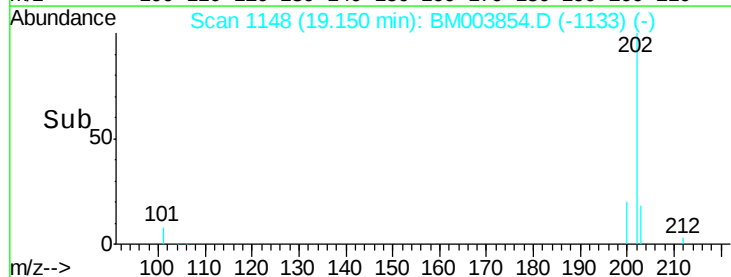
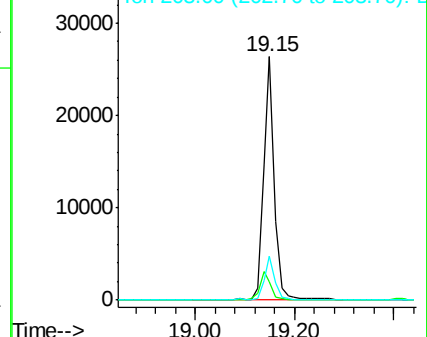
203 18.0 0.0 36.3

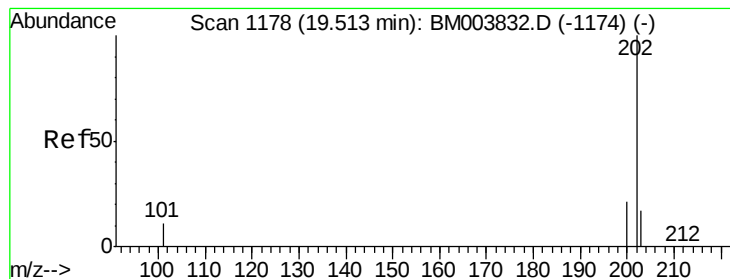


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.55 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

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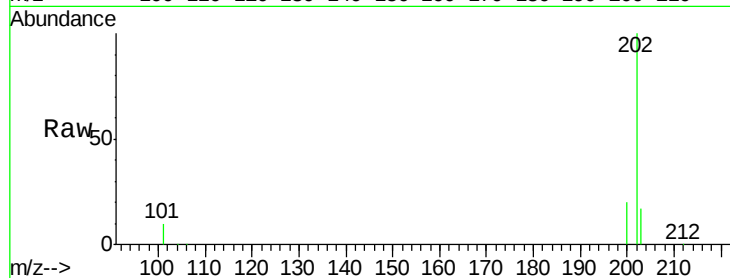
Tot Ion:202 Resp: 38838

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.8

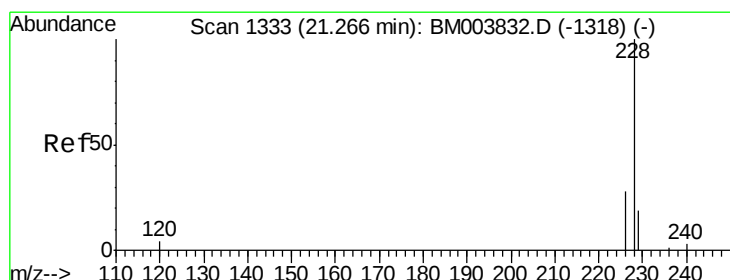
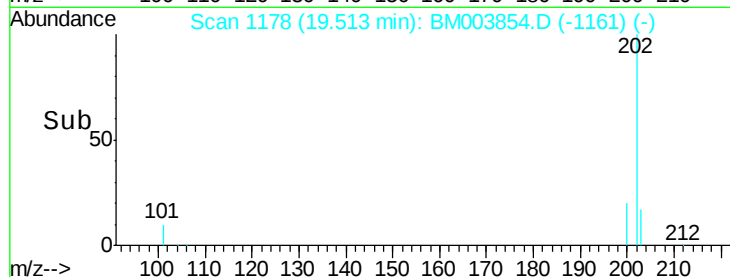
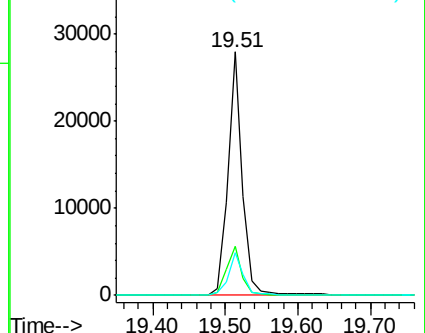
203 17.4 12.8 19.2



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: 0.46 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

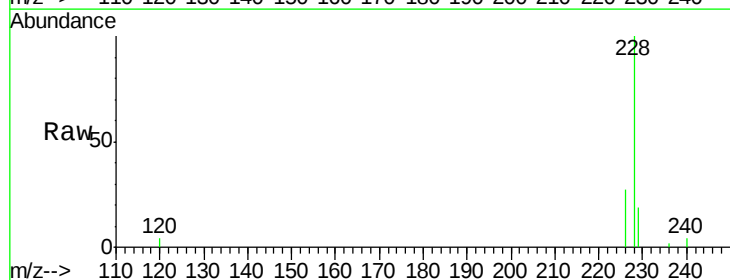
Tgt Ion:228 Resp: 29430

Ion Ratio Lower Upper

228 100

226 27.3 18.8 28.2

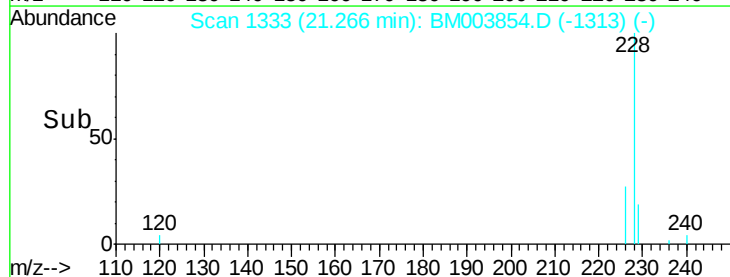
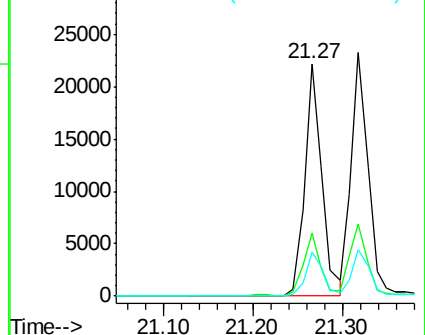
229 19.0 17.1 25.7

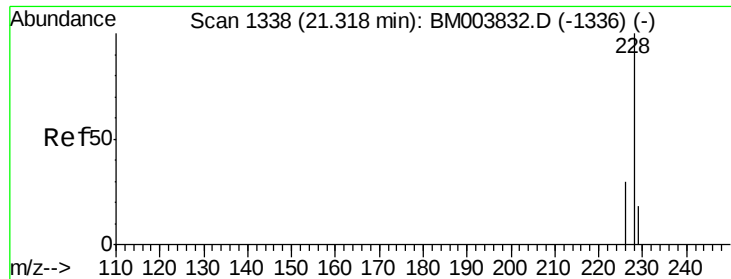


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.42 ng/uL

RT: 21.32 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

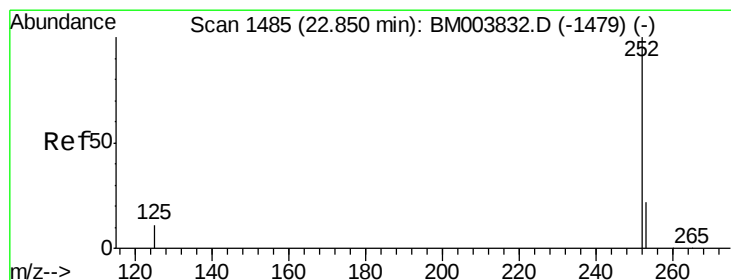
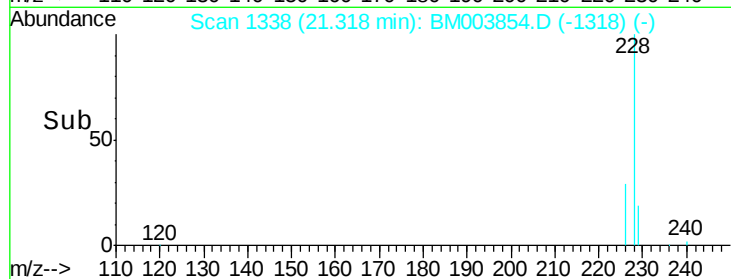
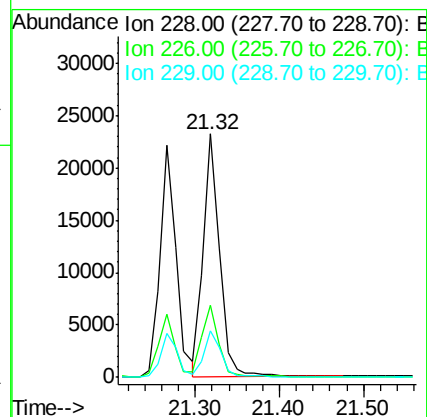
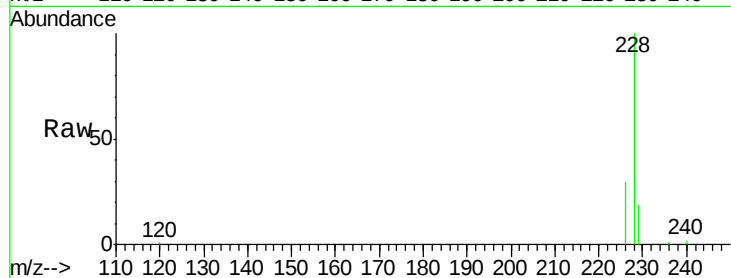
BNA_M

ClientSampleId :

SSTD0.434

Tot Ion:228 Resp: 30633

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.2	31.8
229	19.2	17.0	25.6



#23

Benzo(b)fluoranthene

Concen: 0.40 ng/uL

RT: 22.85 min Scan# 1485

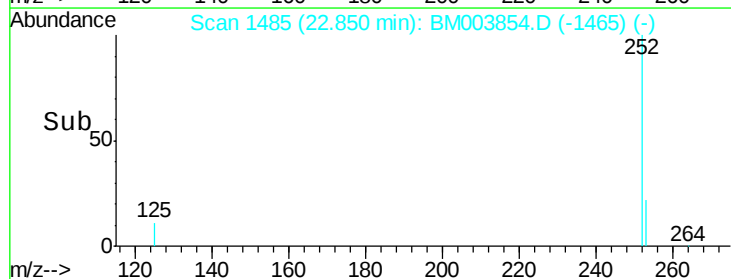
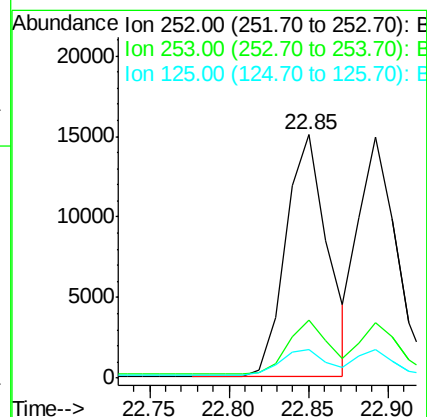
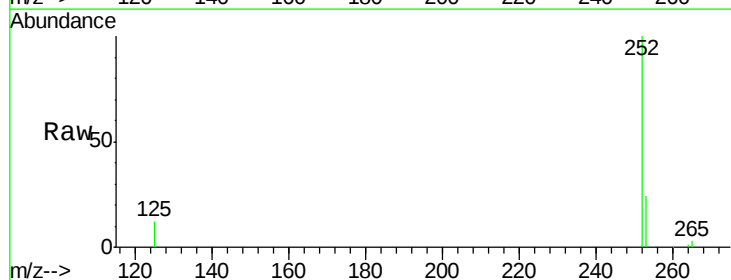
Delta R.T. 0.00 min

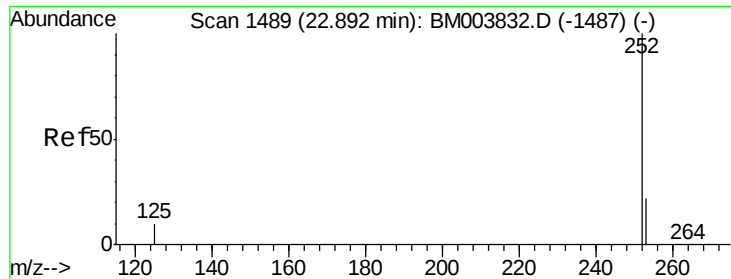
Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Tgt Ion:252 Resp: 27334

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	45.4
125	11.8	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 22.89 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.434

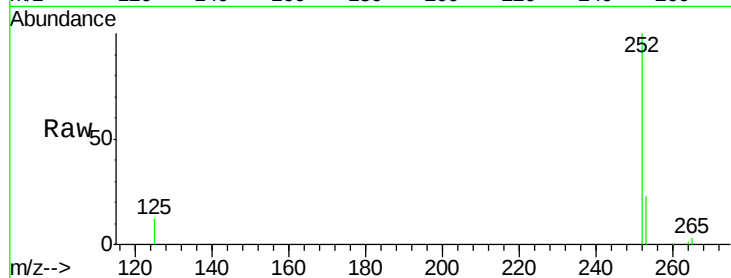
Tot Ion:252 Resp: 24934

Ion Ratio Lower Upper

252 100

253 22.9 19.8 29.8

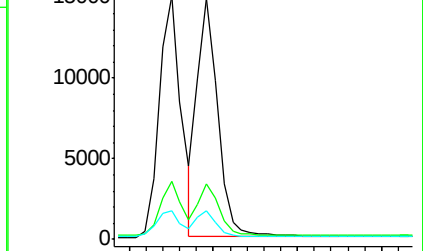
125 12.0 10.4 15.6



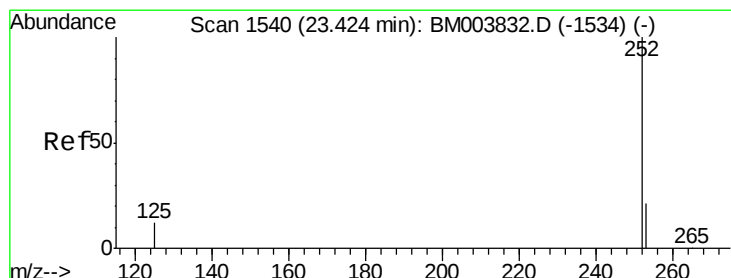
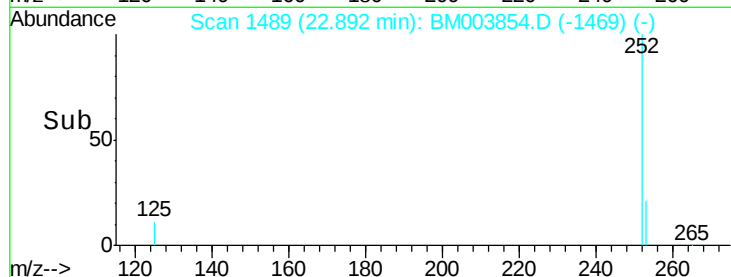
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#25

Benzo(a)pyrene

Concen: 0.42 ng/ul

RT: 23.42 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

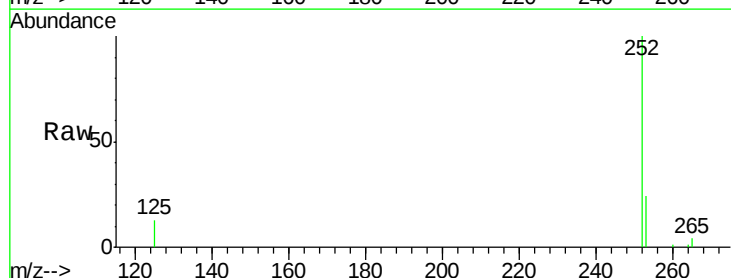
Tgt Ion:252 Resp: 24155

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

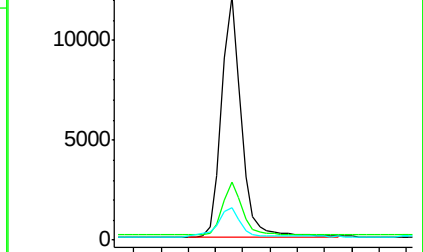
125 13.5 12.7 19.1



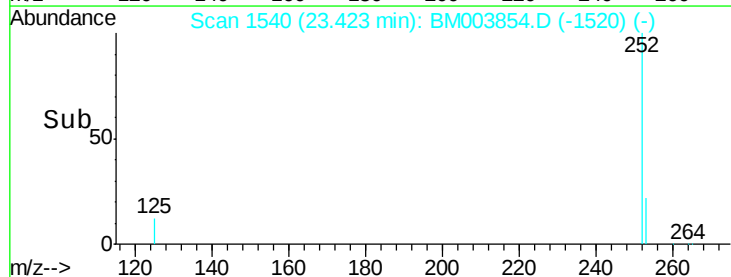
Abundance Ion 252.00 (251.70 to 252.70): E

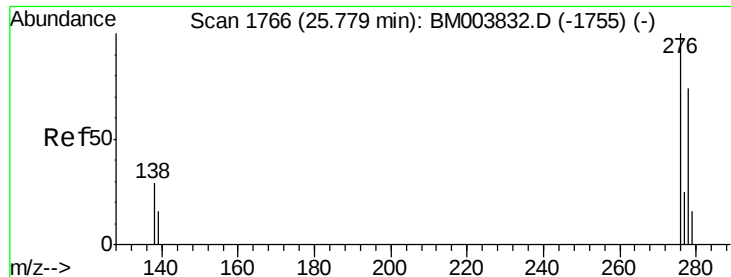
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

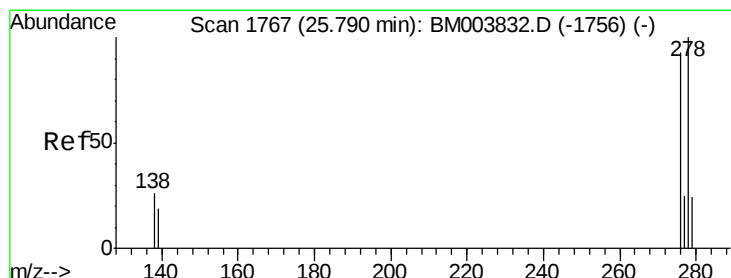
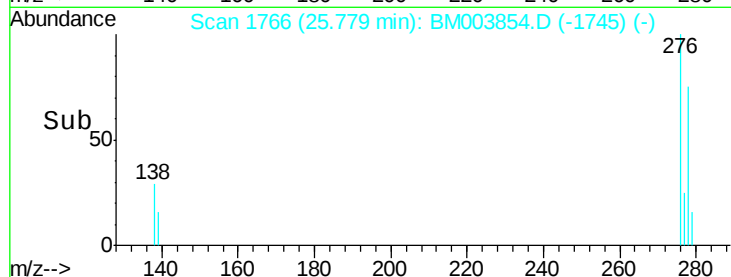
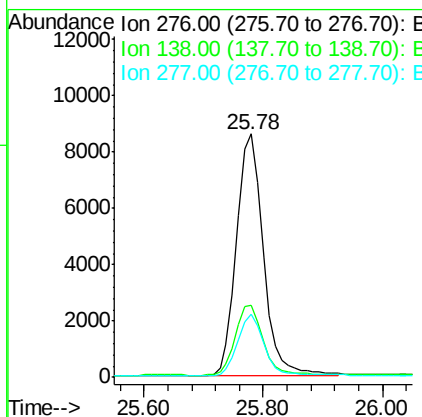
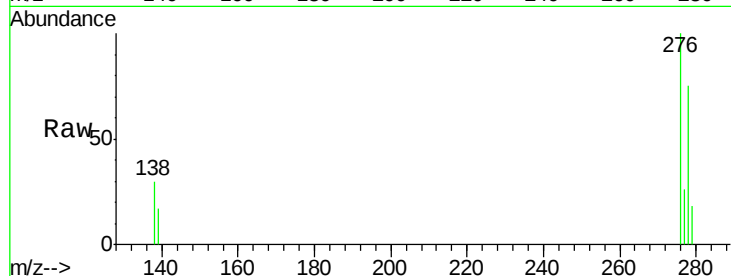




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BM003854.D
Acq: 29 Dec 2015 18:10

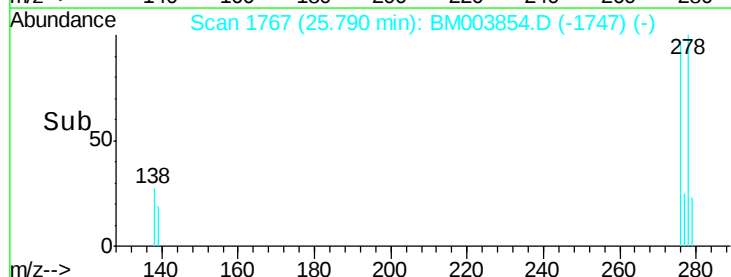
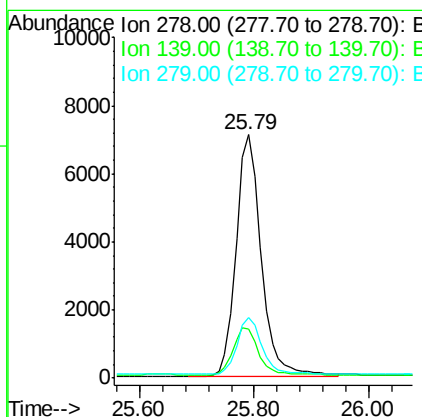
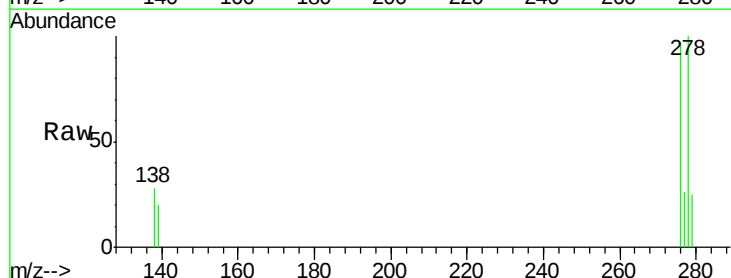
Instrument :
BNA_M
ClientSampleId :
SSTD0.434

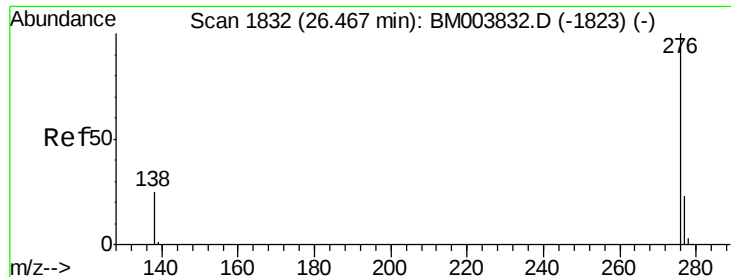
Tot Ion:276 Resp: 26933
Ion Ratio Lower Upper
276 100
138 29.7 16.3 24.5#
277 24.8 19.8 29.8



#27
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BM003854.D
Acq: 29 Dec 2015 18:10

Tgt Ion:278 Resp: 21673
Ion Ratio Lower Upper
278 100
139 20.3 16.4 24.6
279 24.8 20.2 30.2





#28

Benzo(a,h,i)perylene

Concen: 0.40 ng/ul

RT: 26.47 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM003854.D

Acq: 29 Dec 2015 18:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.434

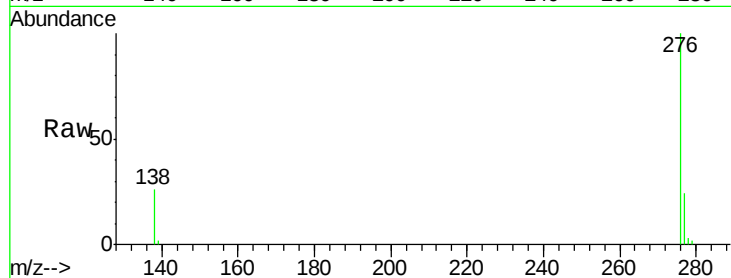
Tot Ion: 276 Resp: 23489

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.9 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

