

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000620.D
 Acq On : 03 Mar 2015 17:25
 Operator : TP/IZ
 Sample : SSTD0.840
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.840

Quant Time: Mar 04 02:44:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 02:34:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	7510	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	27437	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.31	164	13019	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	29371	0.40	ng/ul	0.00
18) Chrysene-d12	21.26	240	19664	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	15897	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	18048	3.43	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	23174	0.68	ng/ul	0.00
16) Fluoranthene-d10	19.09	212	35508	0.63	ng/ul	0.00

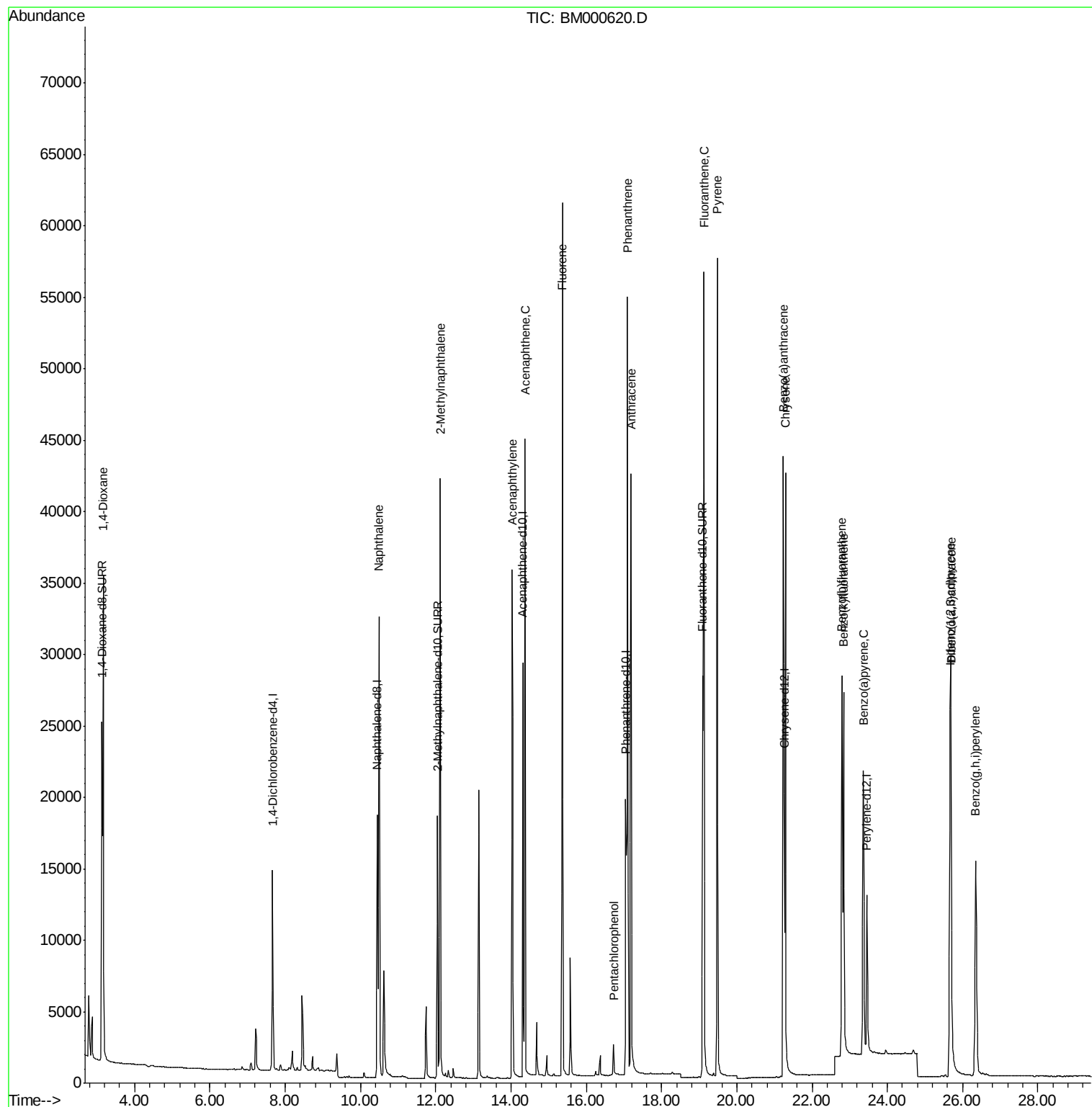
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	24575	2.98	ng/ul	87
5) Naphthalene	10.49	128	47414	0.67	ng/ul	100
7) 2-Methylnaphthalene	12.12	142	32327	0.69	ng/ul	99
9) Acenaphthylene	14.03	152	43656	0.75	ng/ul	99
10) Acenaphthene	14.38	153	34297	0.75	ng/ul	100
11) Fluorene	15.36	166	39280	0.74	ng/ul	98
13) Pentachlorophenol	16.72	266	2370	0.81	ng/ul	97
14) Phenanthrene	17.10	178	58393	0.68	ng/ul	99
15) Anthracene	17.19	178	51418	0.69	ng/ul	99
17) Fluoranthene	19.12	202	57485	0.65	ng/ul	99
19) Pyrene	19.49	202	56477	0.67	ng/ul	99
20) Benzo(a)anthracene	21.24	228	37904	0.67	ng/ul	99
21) Chrysene	21.29	228	42529	0.62	ng/ul	98
23) Benzo(b)fluoranthene	22.79	252	35053	0.63	ng/ul	95
24) Benzo(k)fluoranthene	22.84	252	37692	0.66	ng/ul	97
25) Benzo(a)pyrene	23.36	252	33371	0.63	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	25.67	276	37120	0.63	ng/ul	100
27) Dibenzo(a,h)anthracene	25.69	278	29501	0.64	ng/ul	95
28) Benzo(g,h,i)perylene	26.35	276	32101	0.62	ng/ul	98

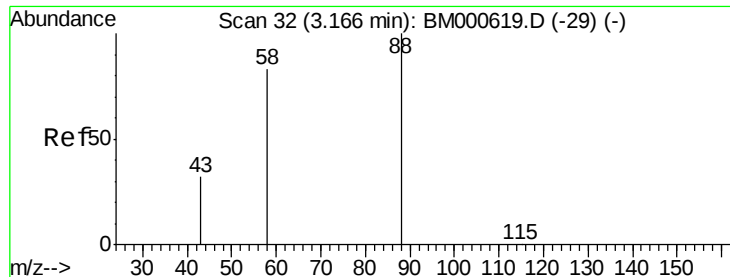
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
Data File : BM000620.D
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ALS Vial : 5 Sample Multiplier: 1

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BNA_M
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Quant Time: Mar 04 02:44:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:34:44 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 2.98 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.840

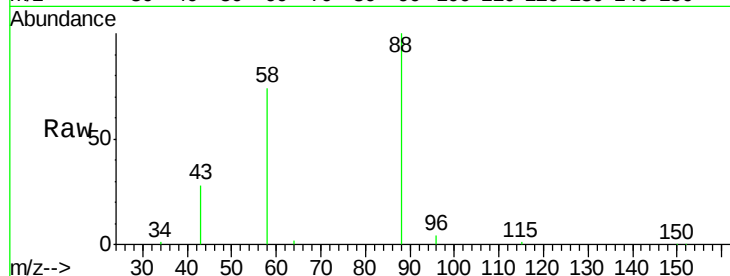
Tgt Ion: 88 Resp: 24575

Ion Ratio Lower Upper

88 100

58 80.7 55.4 83.2

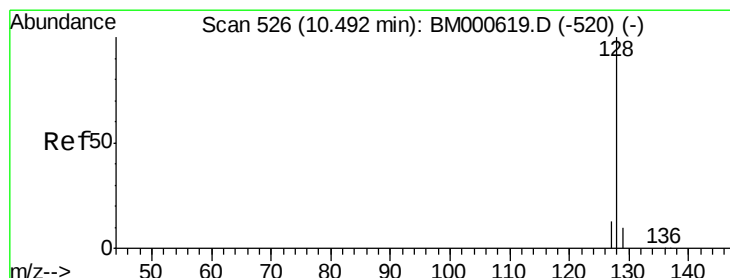
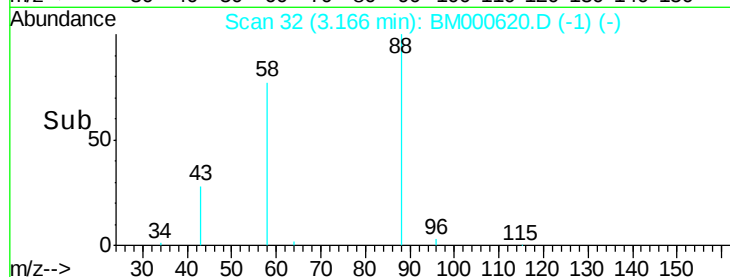
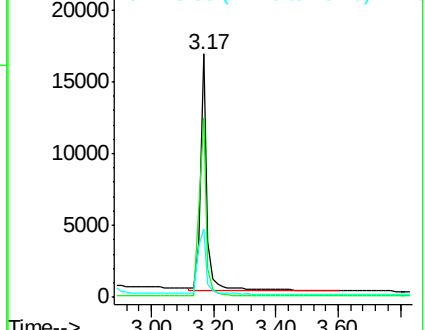
43 35.3 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM000620.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000620.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000620.D (-1) (-)



#5

Naphthalene

Concen: 0.67 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

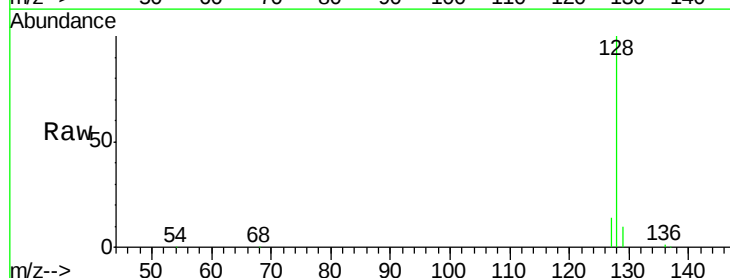
Tgt Ion: 128 Resp: 47414

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

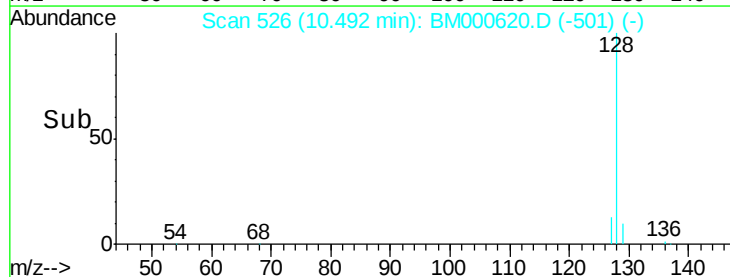
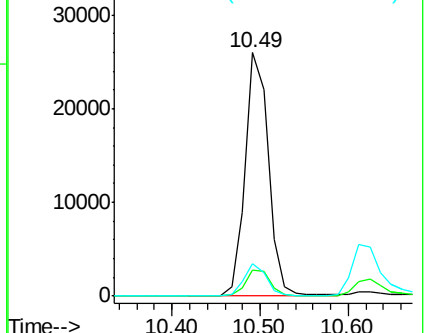
127 13.6 11.0 16.6

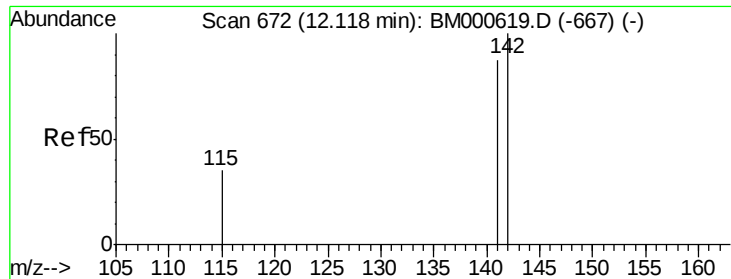


Abundance Ion 128.00 (127.70 to 128.70): BM000620.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000620.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000620.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.69 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

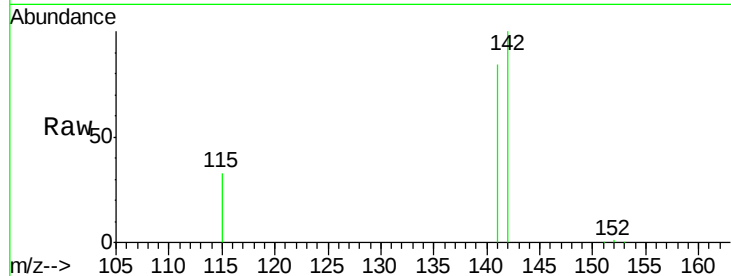
SSTD0.840

Tgt Ion:142 Resp: 32327

Ion Ratio Lower Upper

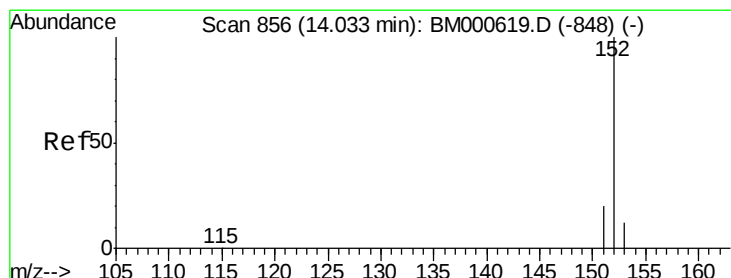
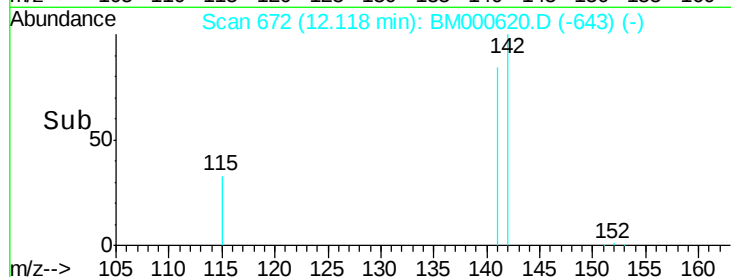
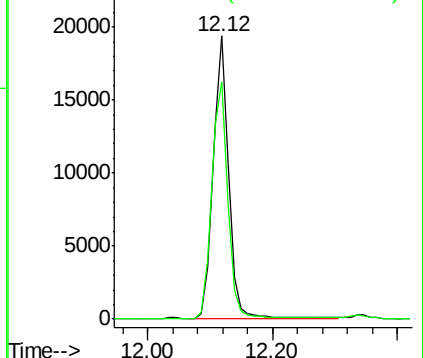
142 100

141 87.6 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.75 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

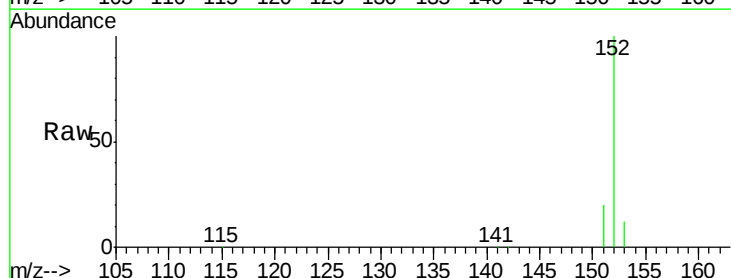
Tgt Ion:152 Resp: 43656

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

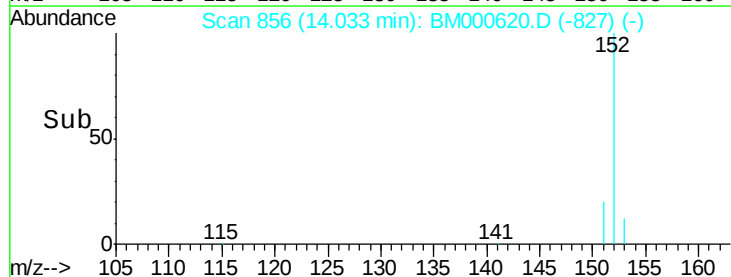
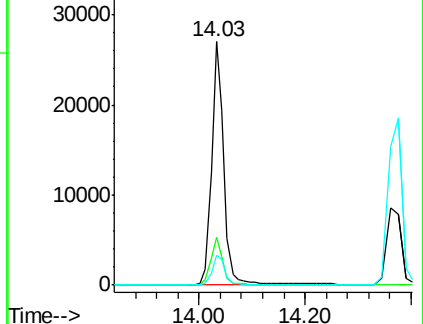
153 12.4 10.2 15.4

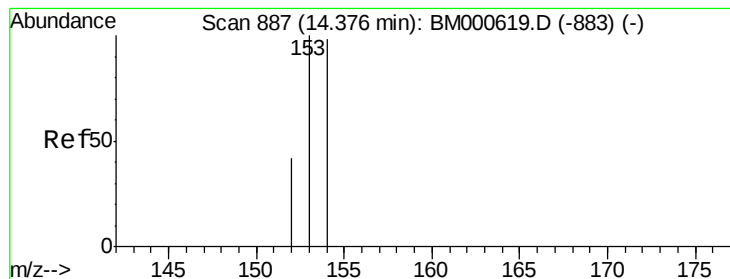


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.75 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.840

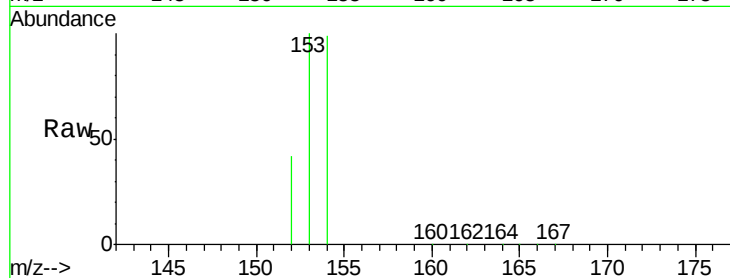
Tgt Ion:153 Resp: 34297

Ion Ratio Lower Upper

153 100

152 42.2 34.2 51.2

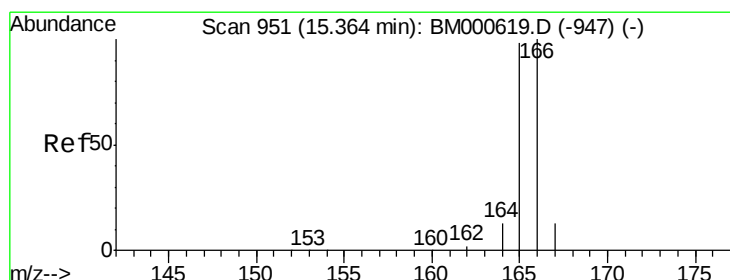
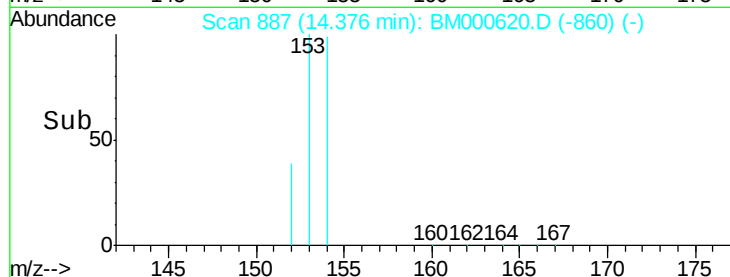
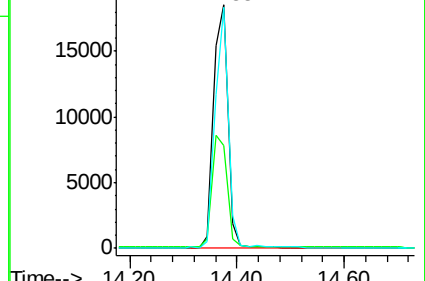
154 98.8 78.8 118.2



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: 0.74 ng/ul

RT: 15.36 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

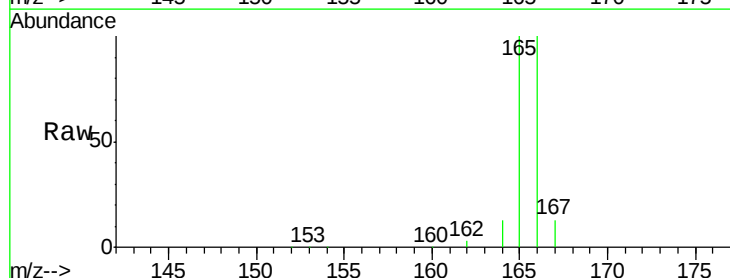
Tgt Ion:166 Resp: 39280

Ion Ratio Lower Upper

166 100

165 99.8 78.5 117.7

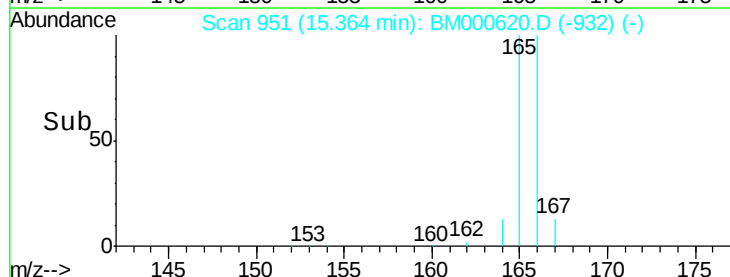
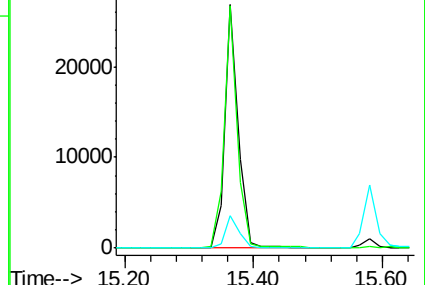
167 13.2 10.6 16.0

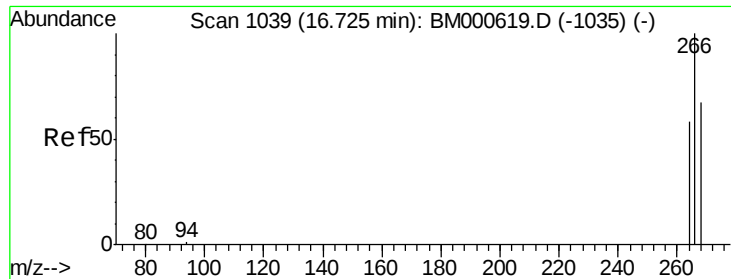


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

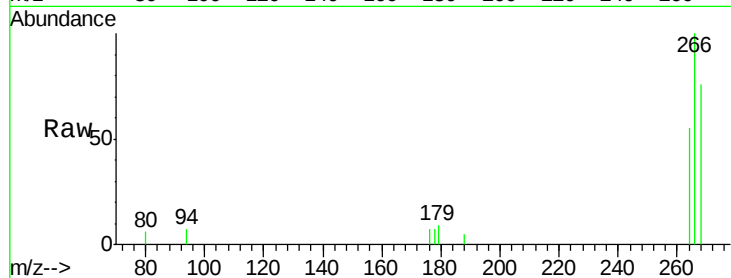




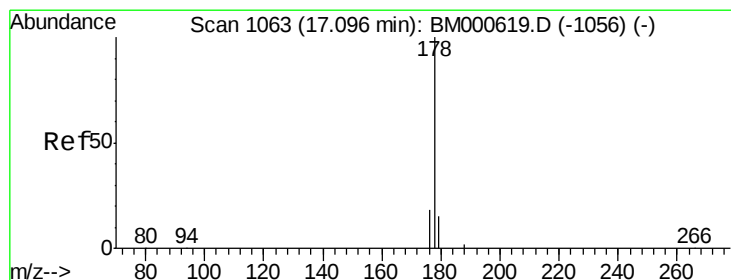
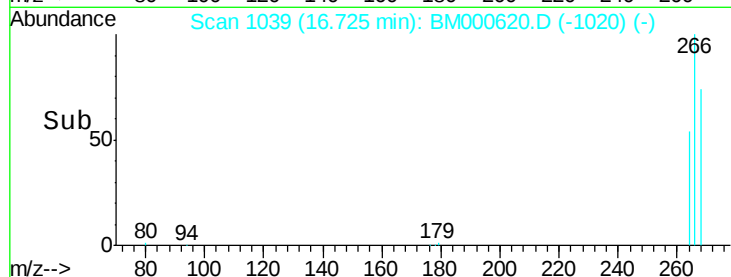
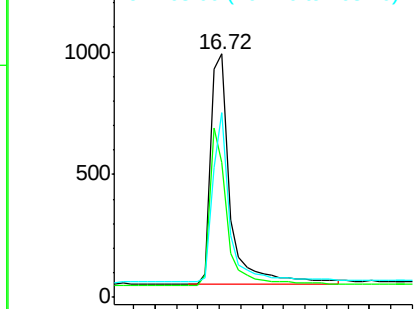
#13
 Pentachlorophenol
 Concen: 0.81 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM000620.D
 Acq: 03 Mar 2015 17:25

Instrument :
 BNA_M
 ClientSampleId :
 SST0.840

Tgt Ion: 266 Resp: 2370
 Ion Ratio Lower Upper
 266 100
 264 62.7 51.0 76.4
 268 65.1 49.4 74.2

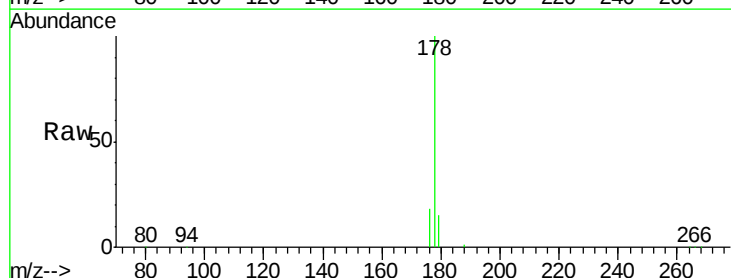


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

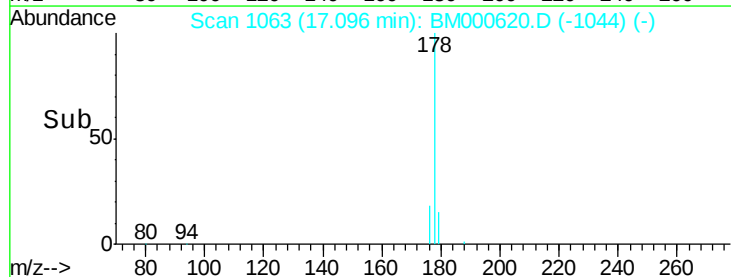
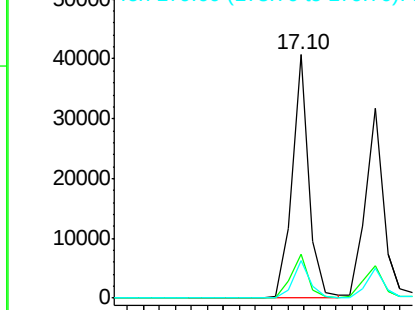


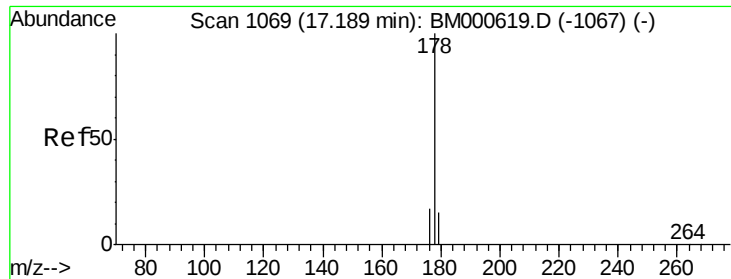
#14
 Phenanthrene
 Concen: 0.68 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000620.D
 Acq: 03 Mar 2015 17:25

Tgt Ion: 178 Resp: 58393
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.3 12.7 19.1



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: 0.69 ng/ul

RT: 17.19 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.840

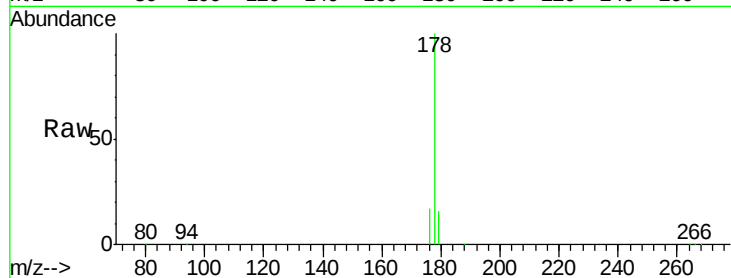
Tgt Ion:178 Resp: 51418

Ion Ratio Lower Upper

178 100

176 17.4 14.2 21.4

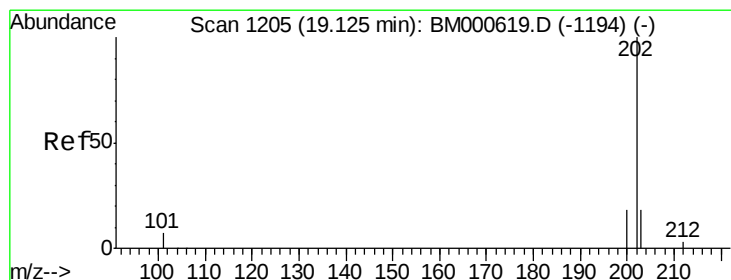
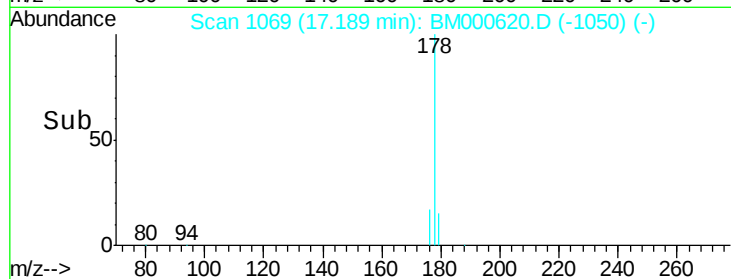
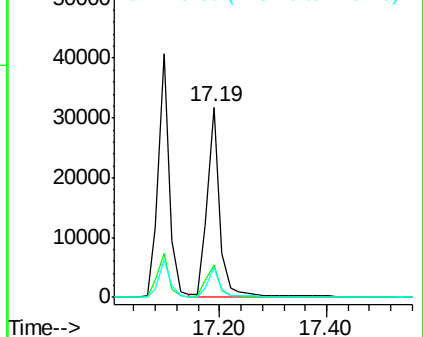
179 15.5 12.8 19.2



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



#17

Fluoranthene

Concen: 0.65 ng/ul

RT: 19.12 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

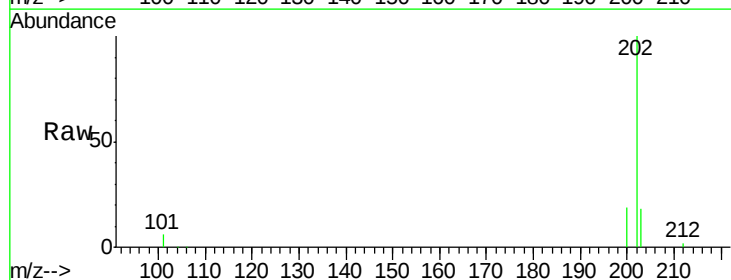
Tgt Ion:202 Resp: 57485

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.0

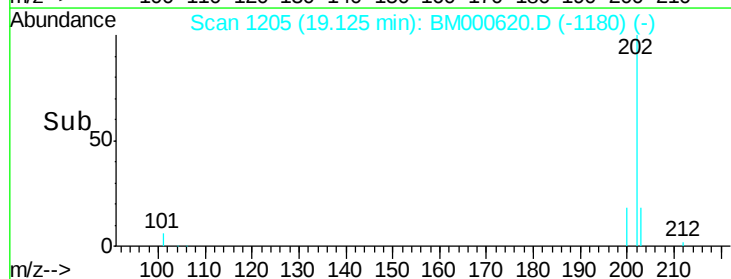
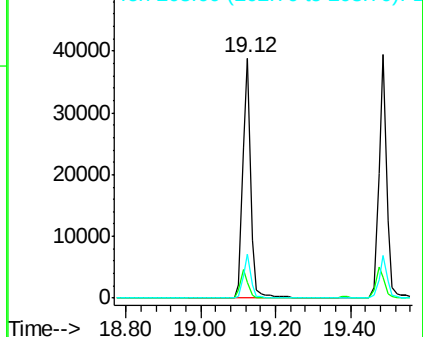
203 18.2 0.0 38.5

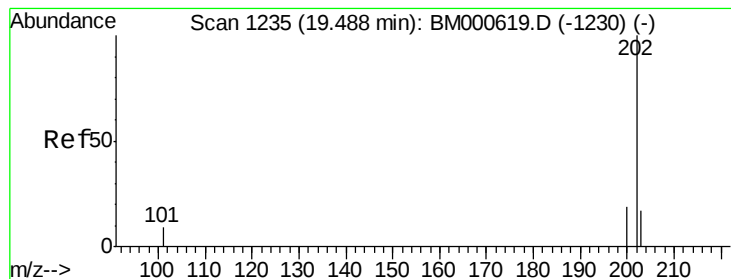


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.67 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

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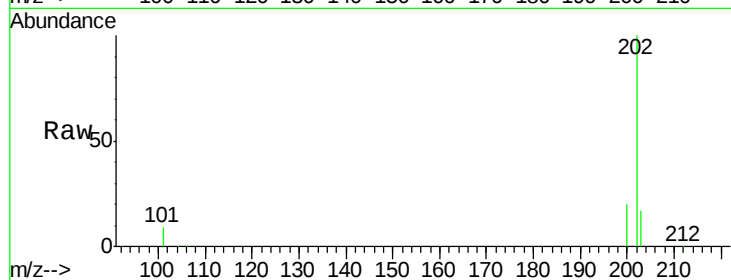
Tgt Ion:202 Resp: 56477

Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

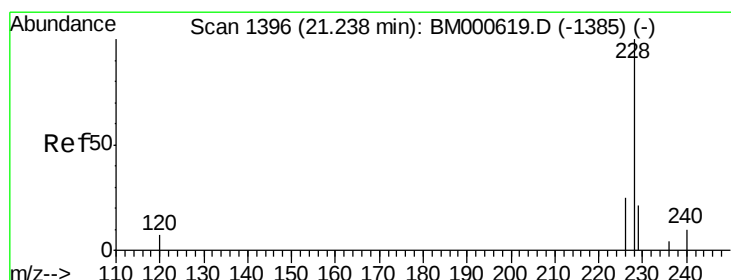
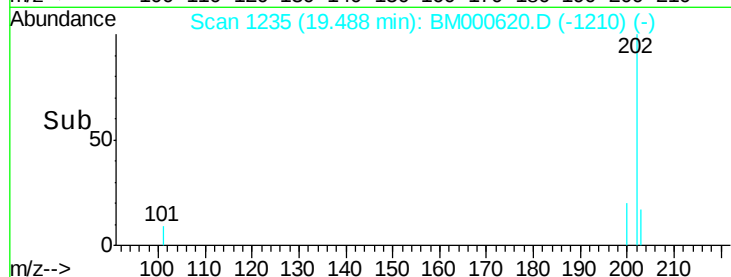
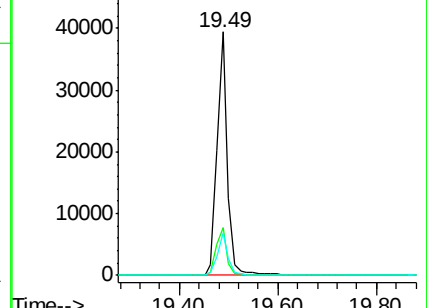
203 17.4 14.2 21.2



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: 0.67 ng/ul

RT: 21.24 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

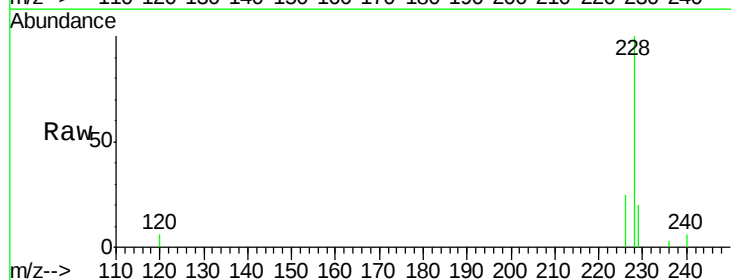
Tgt Ion:228 Resp: 37904

Ion Ratio Lower Upper

228 100

226 24.6 20.0 30.0

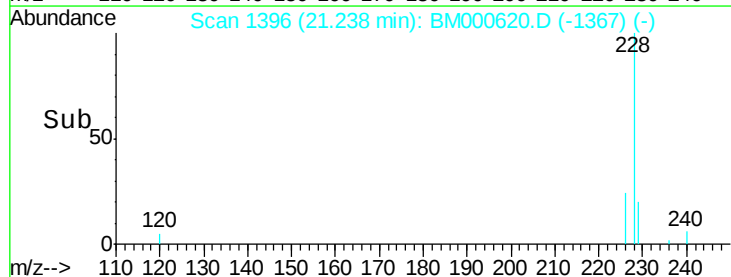
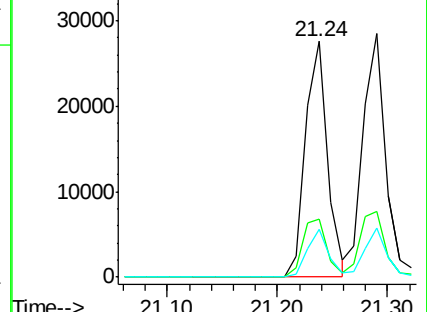
229 20.2 16.7 25.1

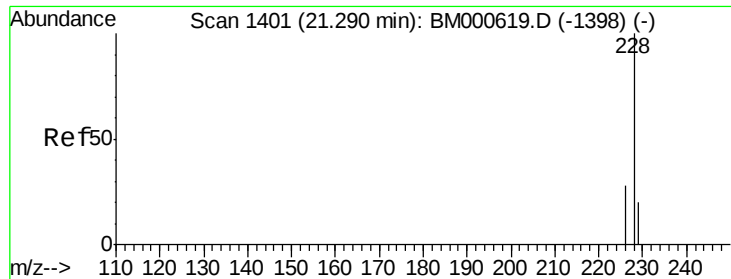


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.62 ng/ul

RT: 21.29 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

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SSTD0.840

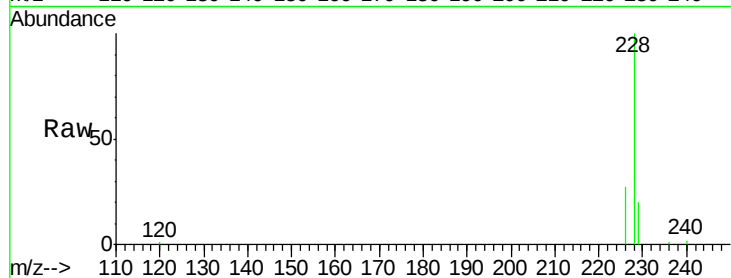
Tgt Ion:228 Resp: 42529

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

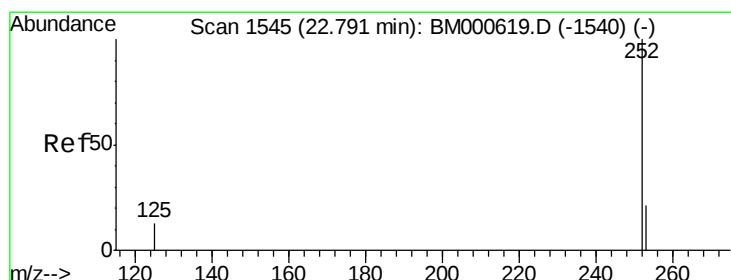
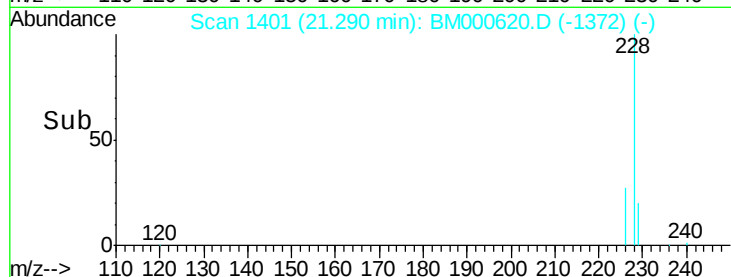
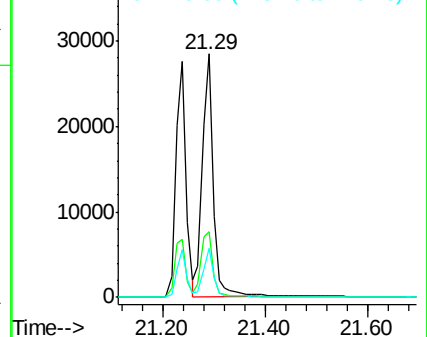
229 20.2 16.4 24.6



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: 0.63 ng/ul

RT: 22.79 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

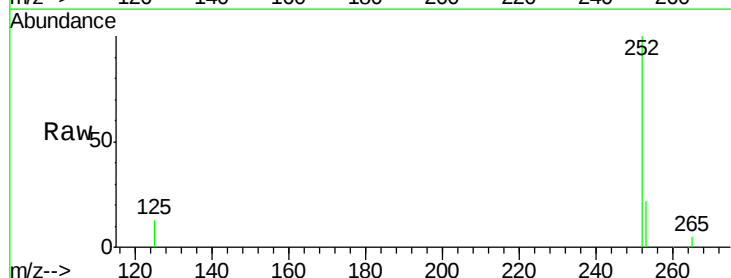
Tgt Ion:252 Resp: 35053

Ion Ratio Lower Upper

252 100

253 22.4 0.0 51.2

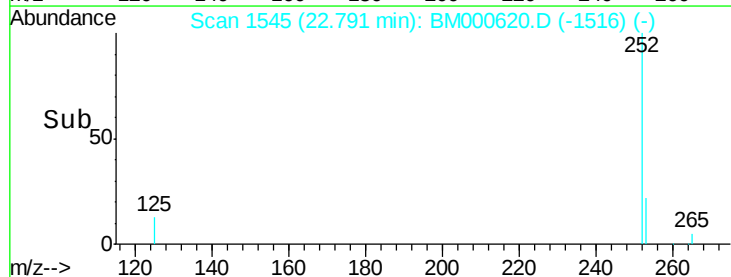
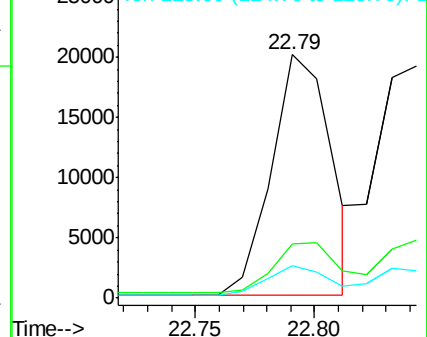
125 13.4 0.0 30.0

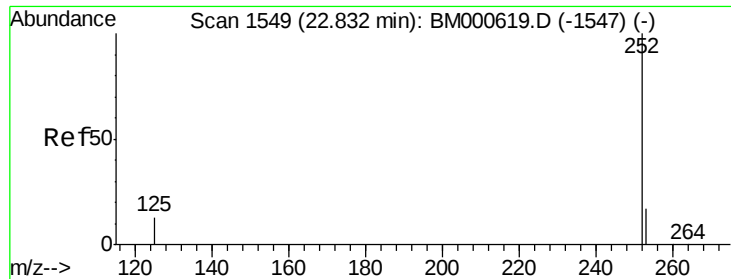


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.66 ng/ul

RT: 22.84 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.840

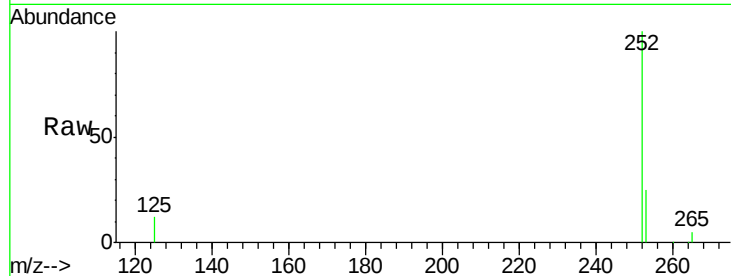
Tgt Ion:252 Resp: 37692

Ion Ratio Lower Upper

252 100

253 24.9 20.5 30.7

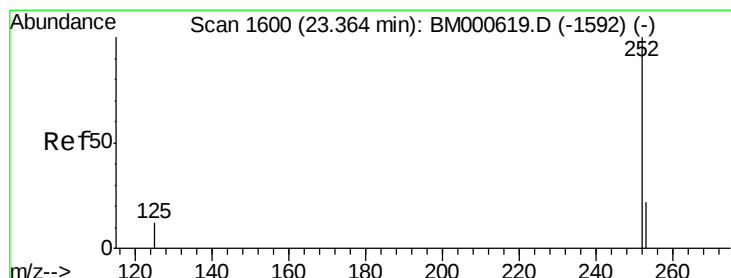
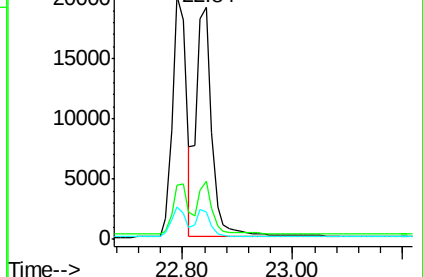
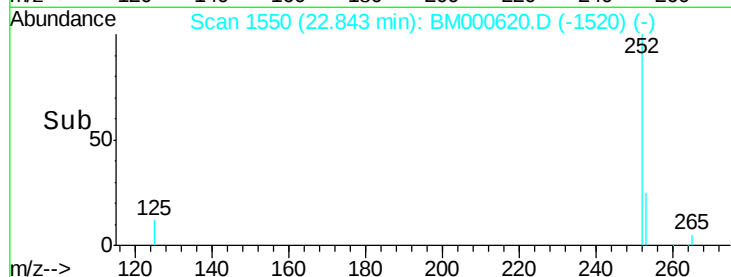
125 11.9 11.8 17.6



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



#25

Benzo(a)pyrene

Concen: 0.63 ng/ul

RT: 23.36 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

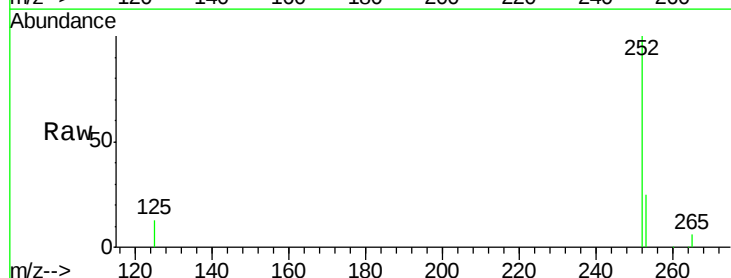
Tgt Ion:252 Resp: 33371

Ion Ratio Lower Upper

252 100

253 25.5 23.4 35.0

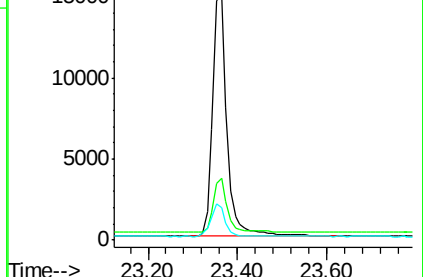
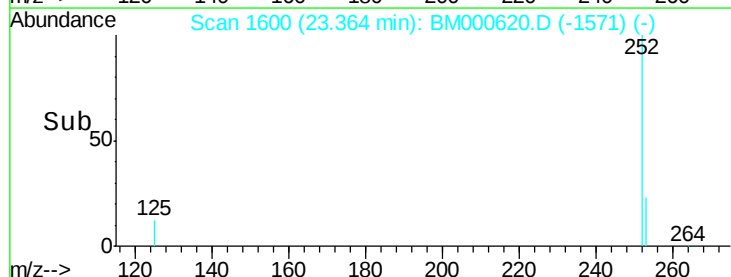
125 13.4 12.2 18.4

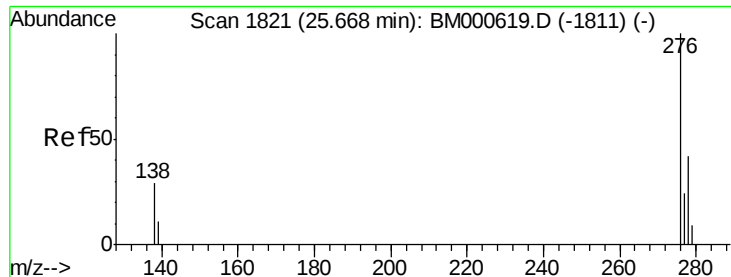


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.63 ng/ul

RT: 25.67 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.840

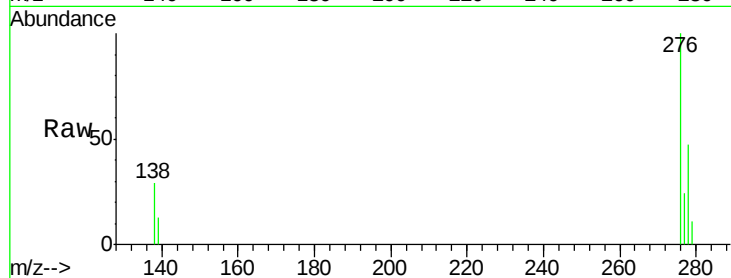
Tgt Ion:276 Resp: 37120

Ion Ratio Lower Upper

276 100

138 29.7 23.8 35.8

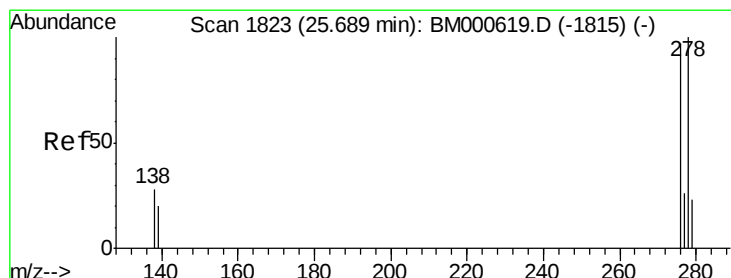
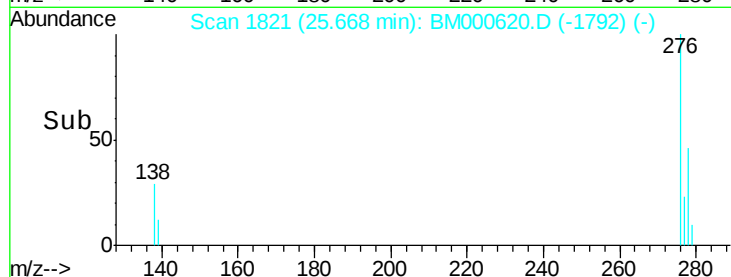
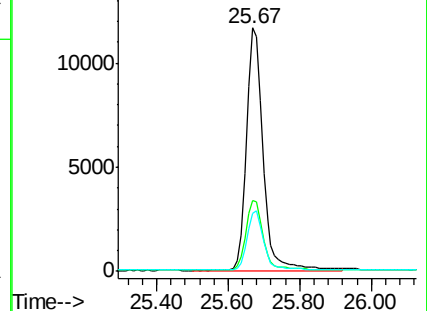
277 24.5 19.7 29.5



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: 0.64 ng/ul

RT: 25.69 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM000620.D

Acq: 03 Mar 2015 17:25

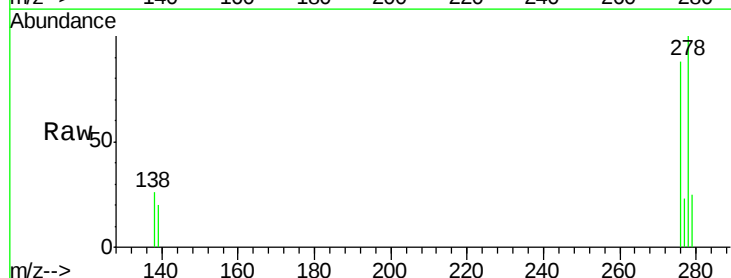
Tgt Ion:278 Resp: 29501

Ion Ratio Lower Upper

278 100

139 19.7 17.0 25.6

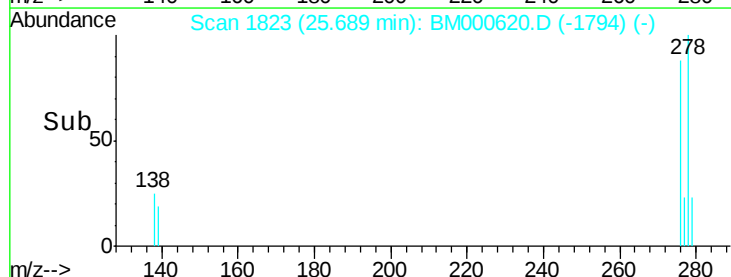
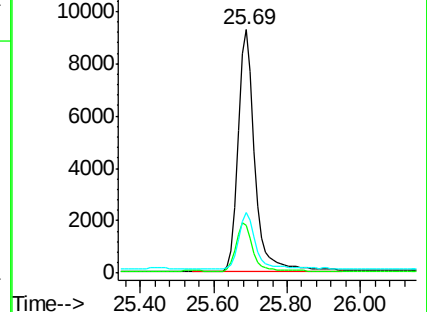
279 24.8 22.3 33.5

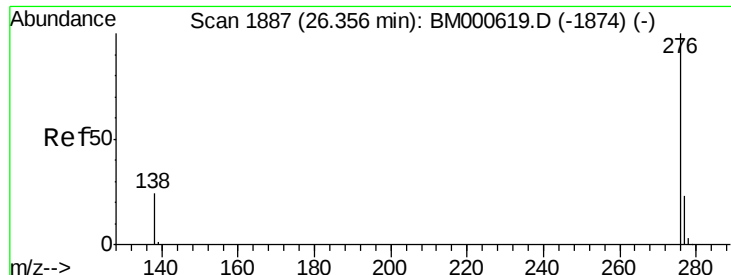


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.62 ng/ul

RT: 26.35 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM000620.D

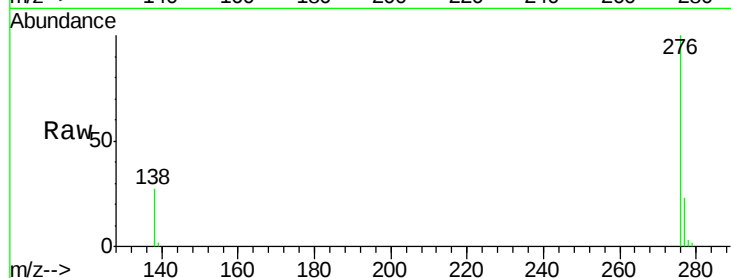
Acq: 03 Mar 2015 17:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.840



Tgt Ion: 276 Resp: 32101

Ion Ratio Lower Upper

276 100

277 23.5 19.9 29.9

138 26.7 20.6 30.8

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

