

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030315\
 Data File : BM000640.D
 Acq On : 04 Mar 2015 06:26
 Operator : TP/IZ
 Sample : SSTD0.443
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.443

Quant Time: Mar 04 07:15:10 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 02:50:23 2015
 Response via : Initial Calibration

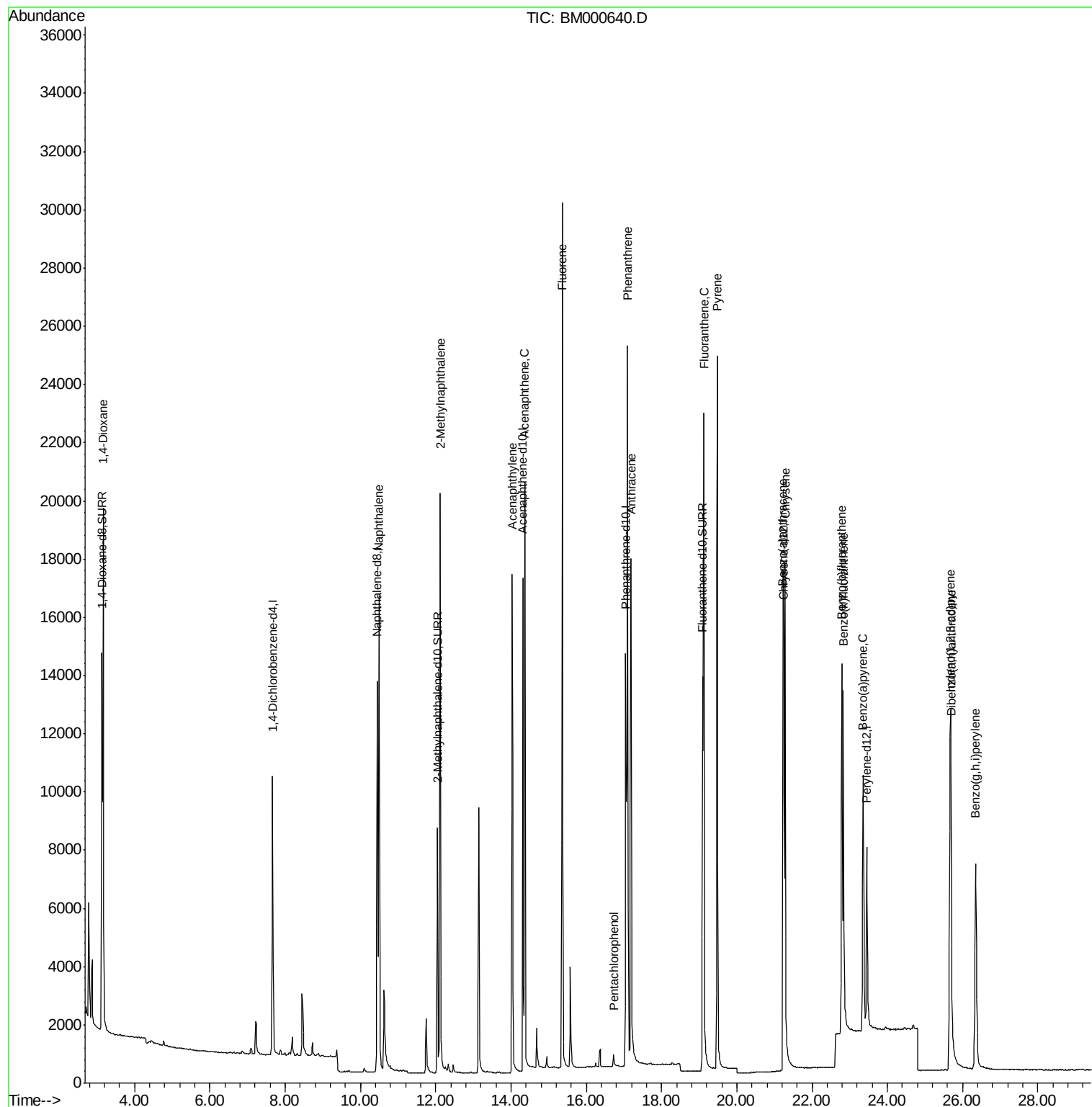
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	5505	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	19868	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.31	164	7888	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	20354	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	11806	0.40	ng/ul	-0.01
22) Perylene-d12	23.46	264	9406	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	9657	2.41	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	11482	0.46	ng/ul	0.00
16) Fluoranthene-d10	19.09	212	16873	0.45	ng/ul	0.00
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.17	88	14793	2.38	ng/ul	99
5) Naphthalene	10.49	128	23779	0.46	ng/ul	99
7) 2-Methylnaphthalene	12.12	142	16029	0.47	ng/ul	99
9) Acenaphthylene	14.03	152	21060	0.53	ng/ul	99
10) Acenaphthene	14.36	153	16983	0.54	ng/ul#	80
11) Fluorene	15.36	166	19628	0.56	ng/ul	99
13) Pentachlorophenol	16.72	266	533	0.28	ng/ul	98
14) Phenanthrene	17.10	178	28049	0.47	ng/ul	99
15) Anthracene	17.19	178	24088	0.46	ng/ul	99
17) Fluoranthene	19.12	202	26762	0.45	ng/ul	99
19) Pyrene	19.49	202	26634	0.51	ng/ul	99
20) Benzo(a)anthracene	21.23	228	16031	0.47	ng/ul	92
21) Chrysene	21.28	228	19402	0.48	ng/ul	93
23) Benzo(b)fluoranthene	22.79	252	15977	0.50	ng/ul	99
24) Benzo(k)fluoranthene	22.83	252	16798	0.47	ng/ul	99
25) Benzo(a)pyrene	23.35	252	14753	0.46	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.67	276	16902	0.50	ng/ul	98
27) Dibenzo(a,h)anthracene	25.69	278	13387	0.49	ng/ul	98
28) Benzo(g,h,i)perylene	26.35	276	15125	0.51	ng/ul	97

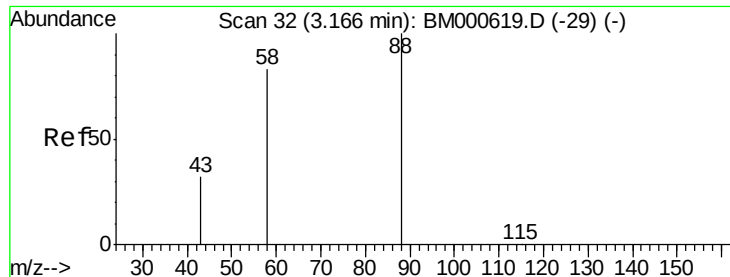
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030315\
Data File : BM000640.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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QLast Update : Wed Mar 04 02:50:23 2015
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#3

1,4-Dioxane

Concen: 2.38 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

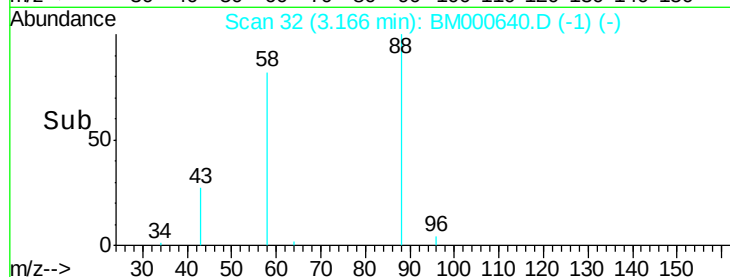
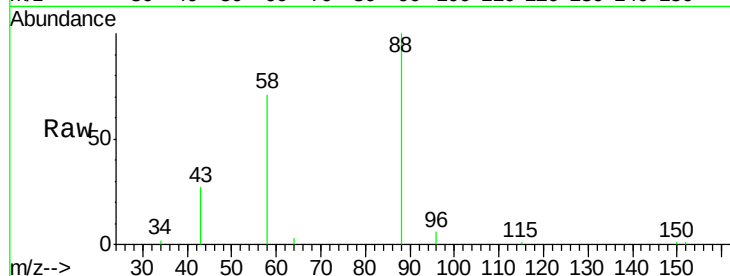
Tgt Ion: 88 Resp: 14793

Ion Ratio Lower Upper

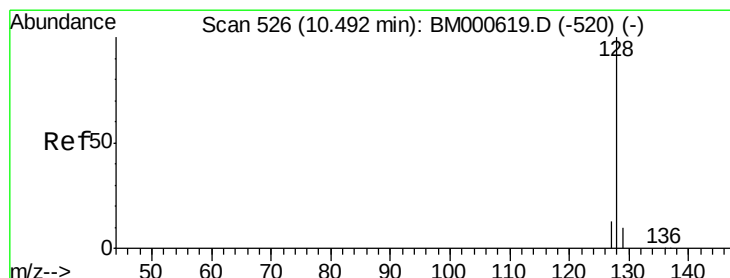
88 100

58 70.1 55.4 83.2

43 29.0 24.2 36.2



Time-->



#5

Naphthalene

Concen: 0.46 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

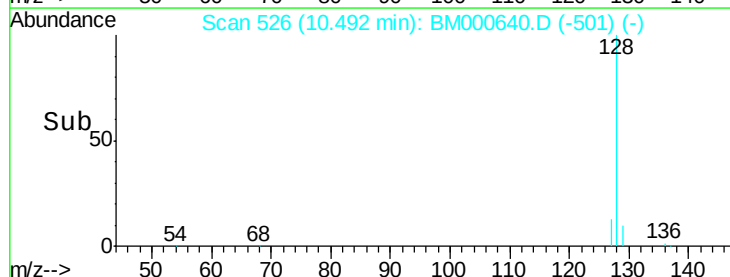
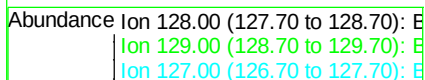
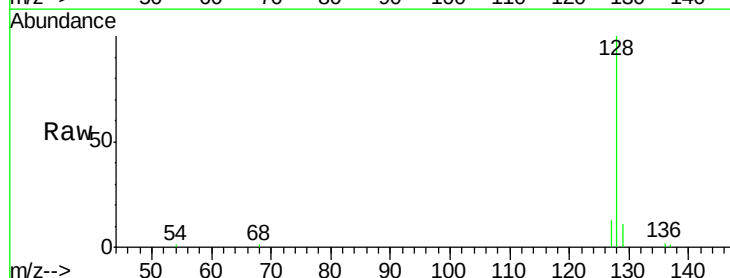
Tgt Ion: 128 Resp: 23779

Ion Ratio Lower Upper

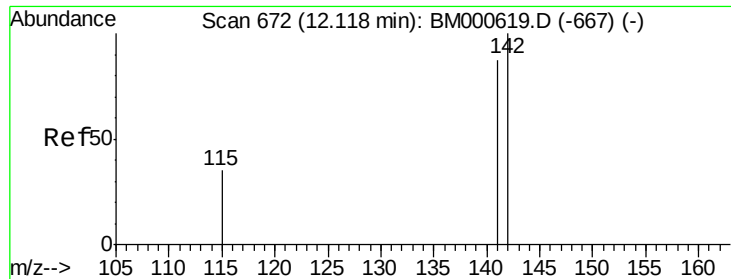
128 100

129 10.6 8.5 12.7

127 13.3 11.0 16.6



Time-->



#7

2-Methylnaphthalene

Concen: 0.47 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

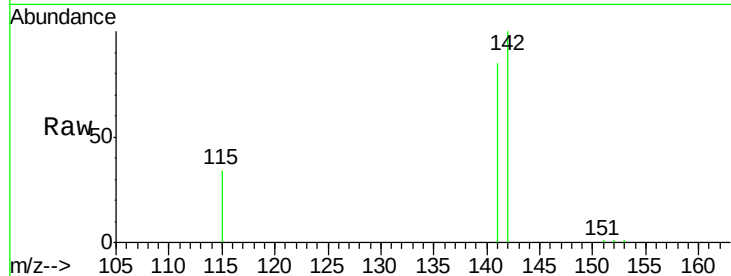
SSTD0.443

Tgt Ion:142 Resp: 16029

Ion Ratio Lower Upper

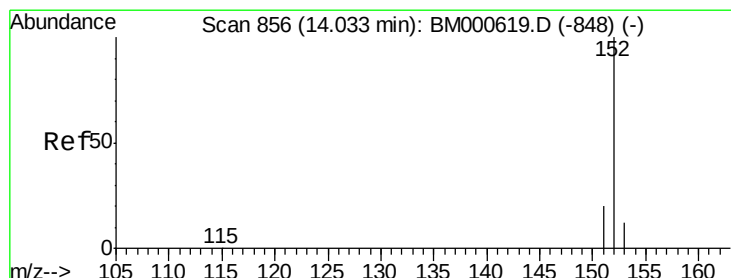
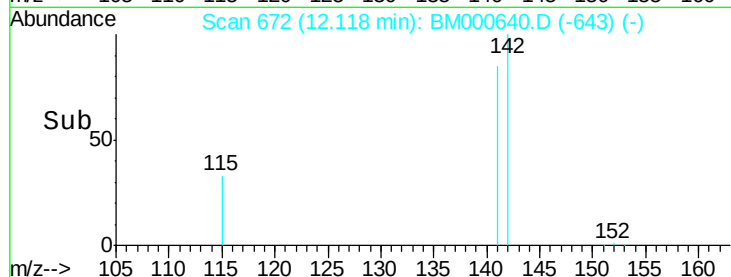
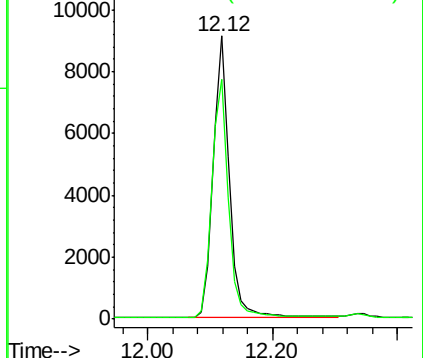
142 100

141 87.8 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: 0.53 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

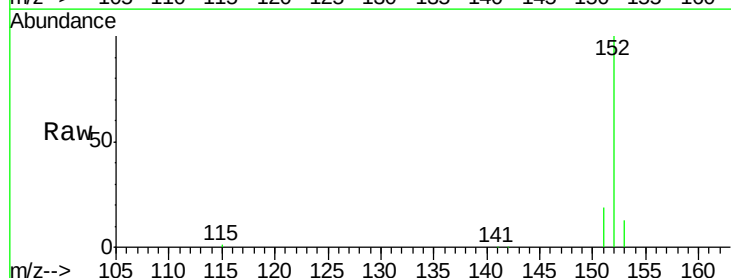
Tgt Ion:152 Resp: 21060

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

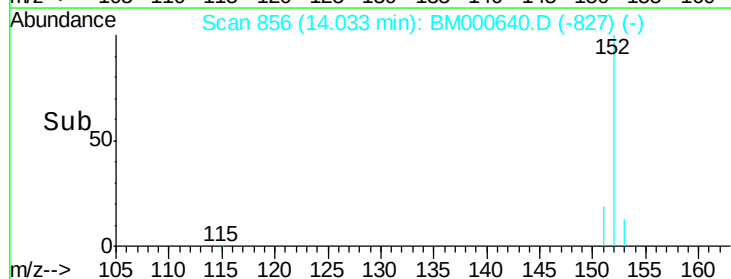
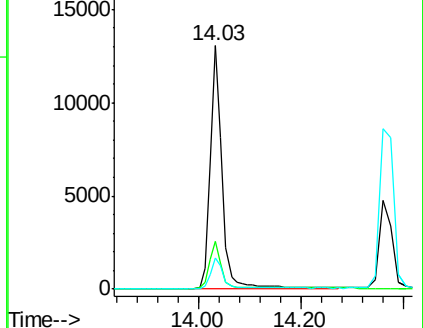
153 13.0 10.2 15.4

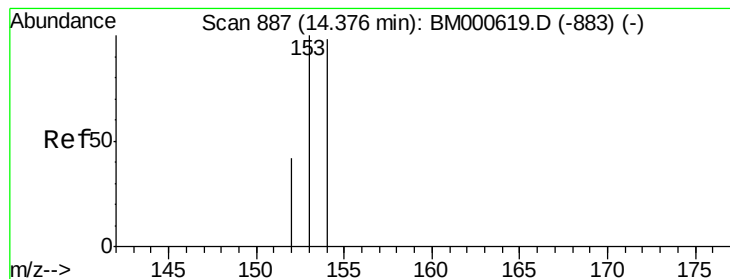


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.54 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. -0.02 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

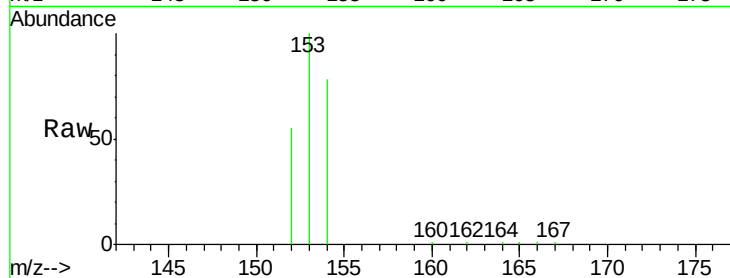
Tgt Ion:153 Resp: 16983

Ion Ratio Lower Upper

153 100

152 55.3 34.2 51.2#

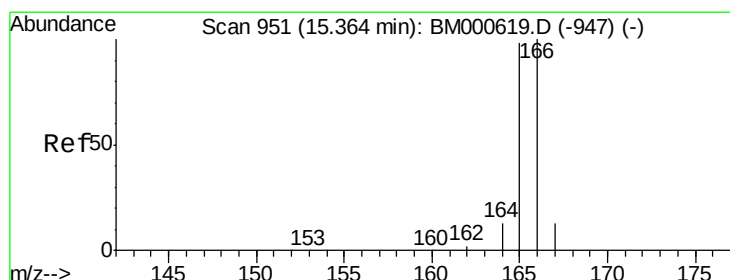
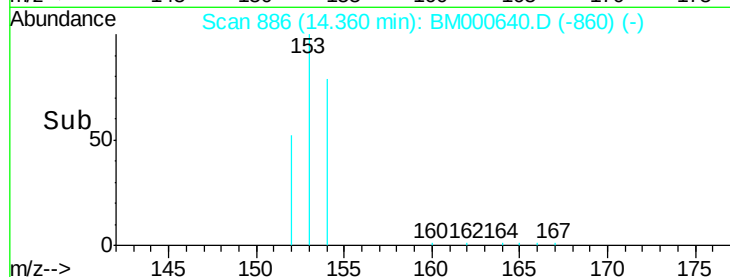
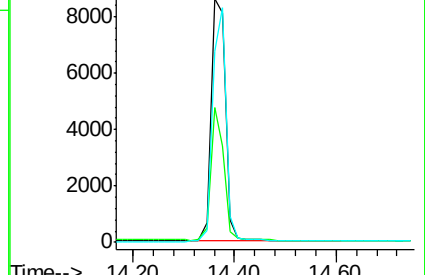
154 78.3 78.8 118.2#



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: 0.56 ng/ul

RT: 15.36 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

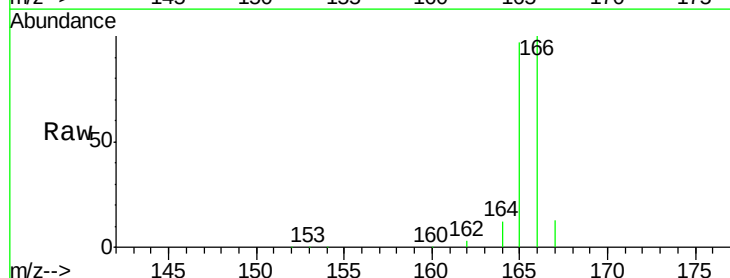
Tgt Ion:166 Resp: 19628

Ion Ratio Lower Upper

166 100

165 97.0 78.5 117.7

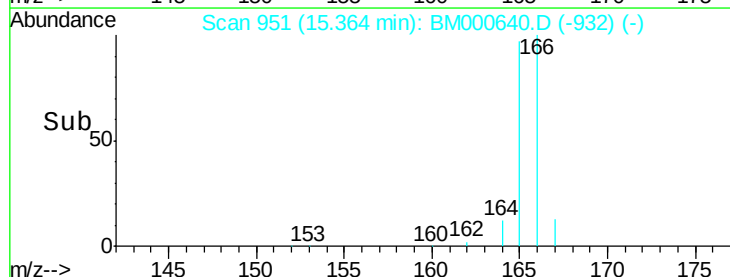
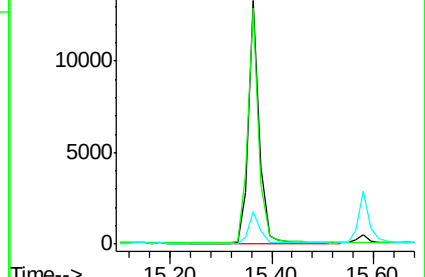
167 13.4 10.6 16.0

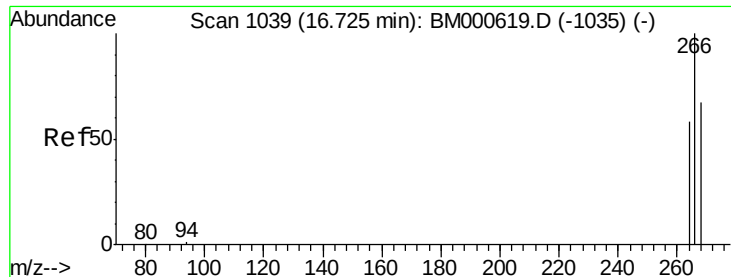


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

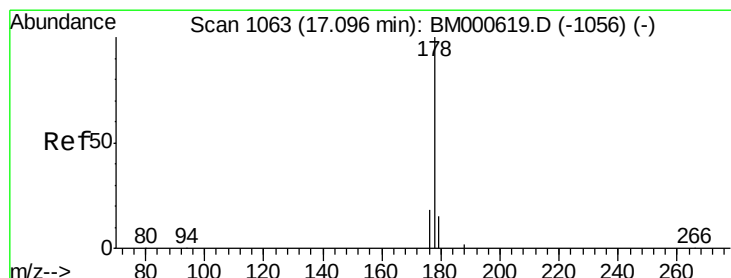
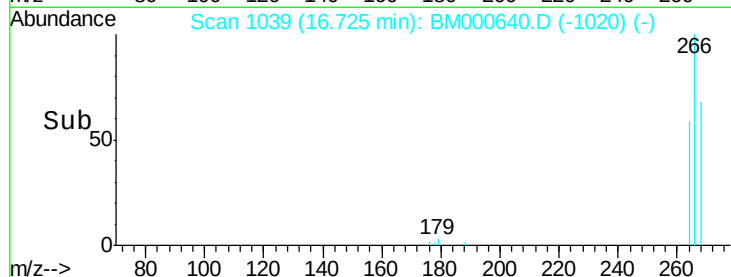
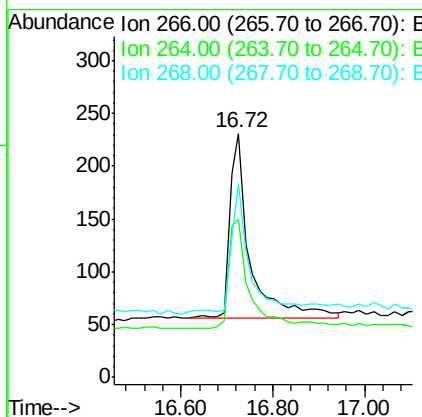
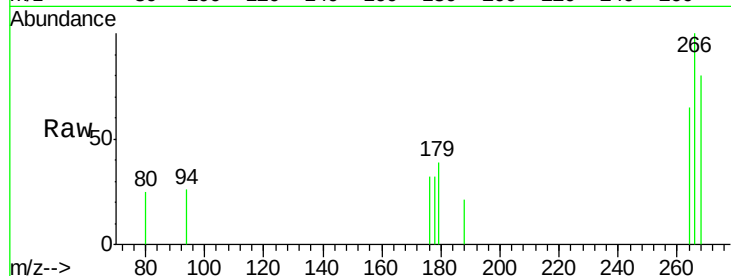




#13
 Pentachlorophenol
 Concen: 0.28 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM000640.D
 Acq: 04 Mar 2015 06:26

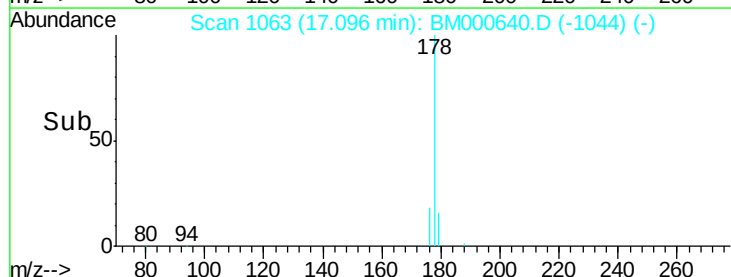
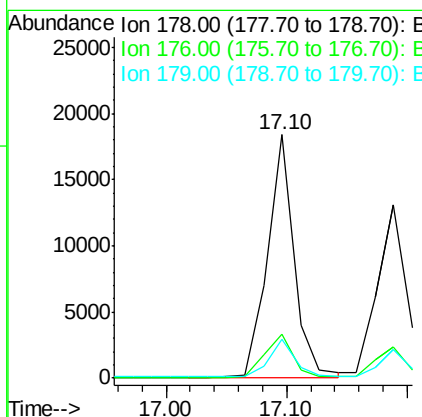
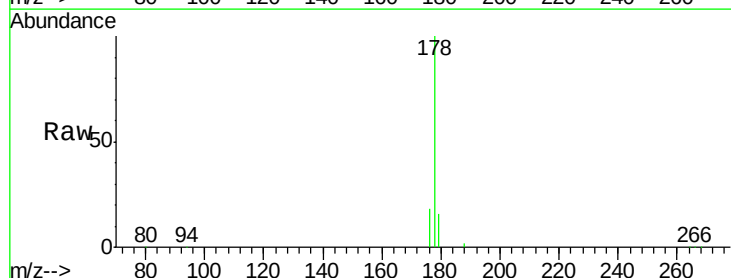
Instrument :
 BNA_M
 ClientSampleId :
 SST0.443

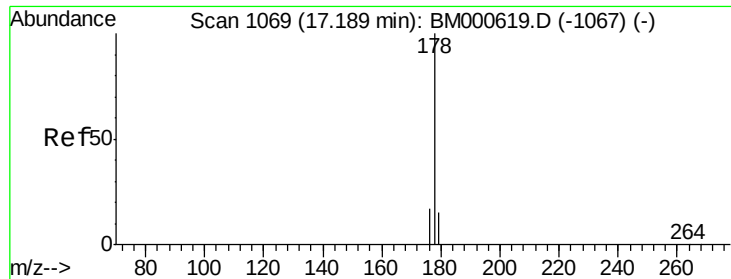
Tgt Ion: 266 Resp: 533
 Ion Ratio Lower Upper
 266 100
 264 62.1 51.0 76.4
 268 60.2 49.4 74.2



#14
 Phenanthrene
 Concen: 0.47 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000640.D
 Acq: 04 Mar 2015 06:26

Tgt Ion: 178 Resp: 28049
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.8 22.2
 179 16.2 12.7 19.1





#15

Anthracene

Concen: 0.46 ng/ul

RT: 17.19 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

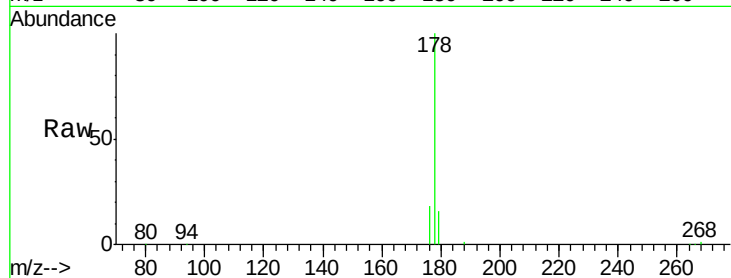
Tgt Ion:178 Resp: 24088

Ion Ratio Lower Upper

178 100

176 17.8 14.2 21.4

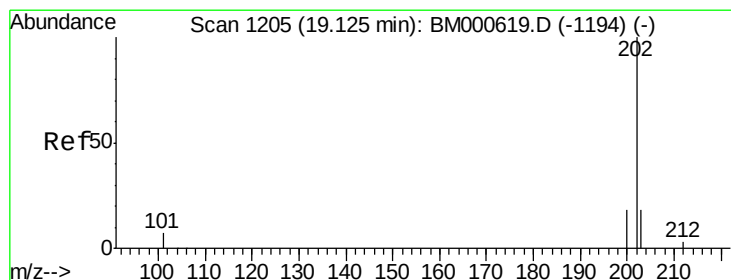
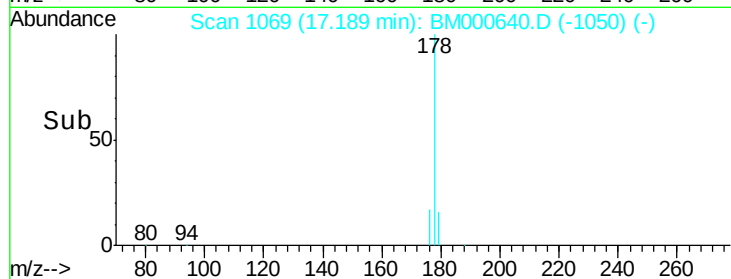
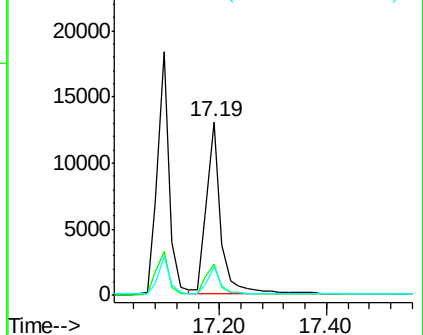
179 16.5 12.8 19.2



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: 0.45 ng/ul

RT: 19.12 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

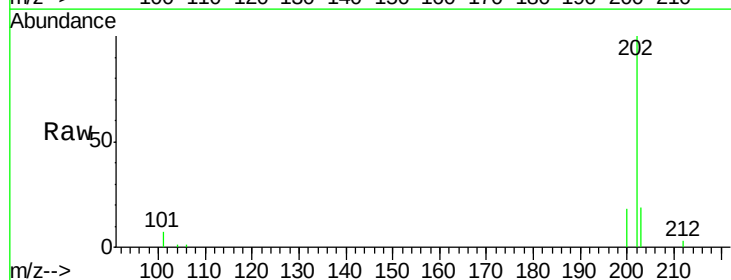
Tgt Ion:202 Resp: 26762

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.0

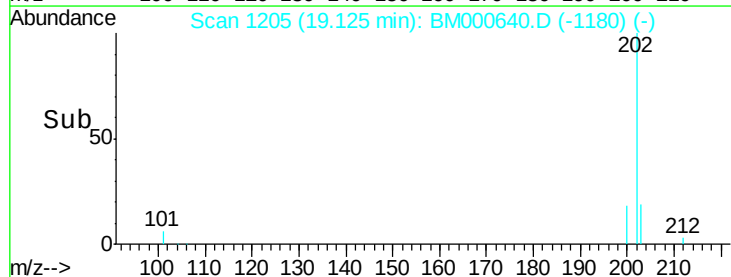
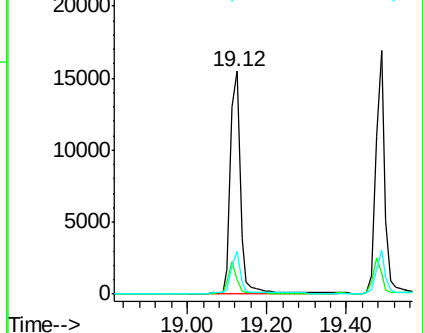
203 19.2 0.0 38.5

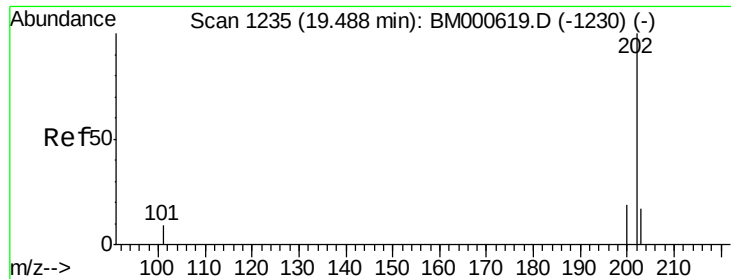


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.51 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

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SSTD0.443

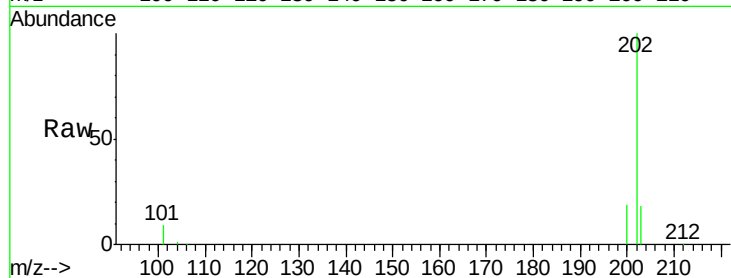
Tgt Ion:202 Resp: 26634

Ion Ratio Lower Upper

202 100

200 19.2 15.5 23.3

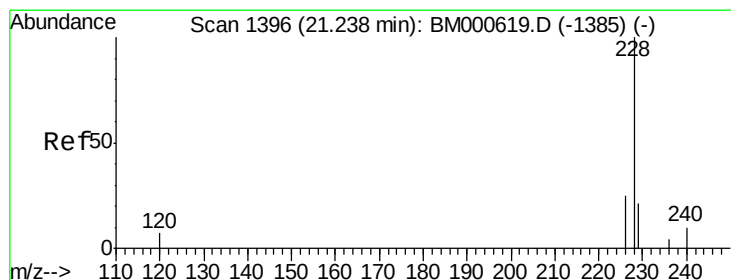
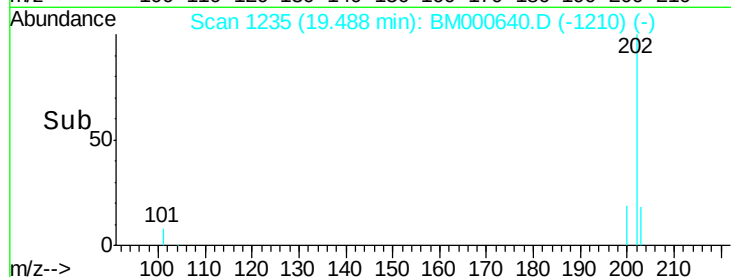
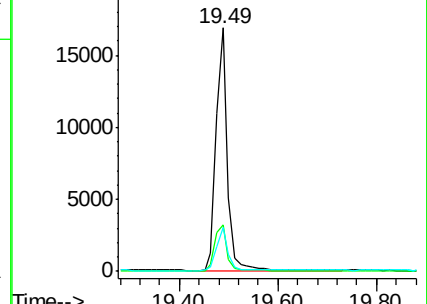
203 18.3 14.2 21.2



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: 0.47 ng/ul

RT: 21.23 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

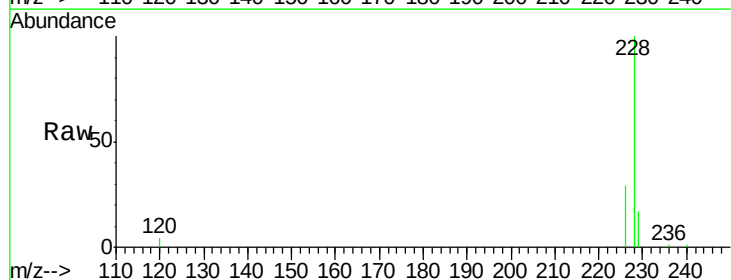
Tgt Ion:228 Resp: 16031

Ion Ratio Lower Upper

228 100

226 29.4 20.0 30.0

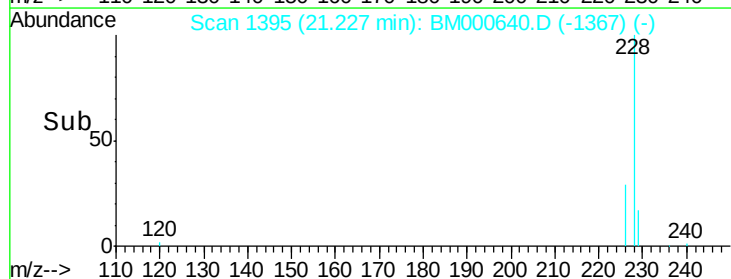
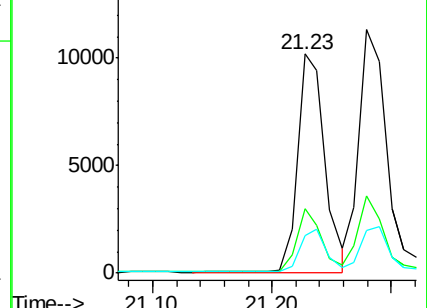
229 17.3 16.7 25.1

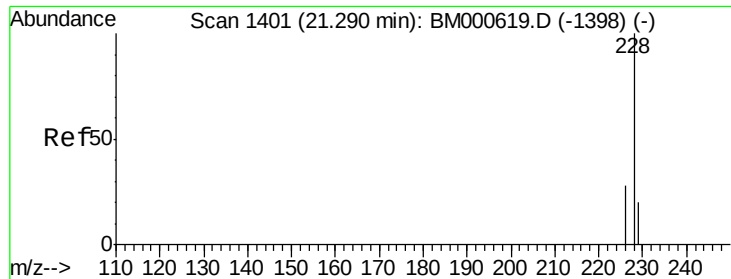


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.48 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

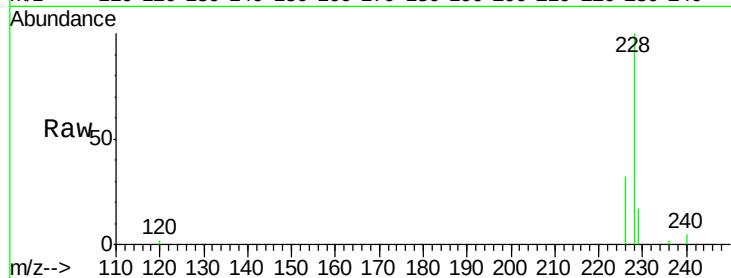
Tgt Ion:228 Resp: 19402

Ion Ratio Lower Upper

228 100

226 31.7 22.6 33.8

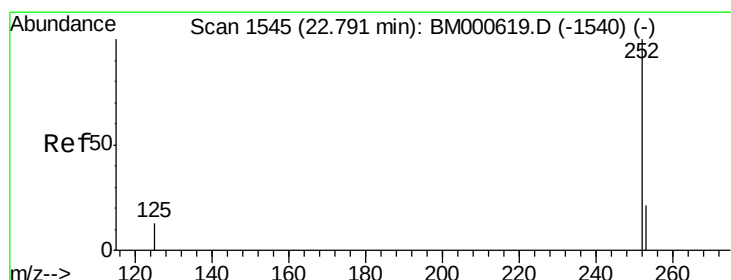
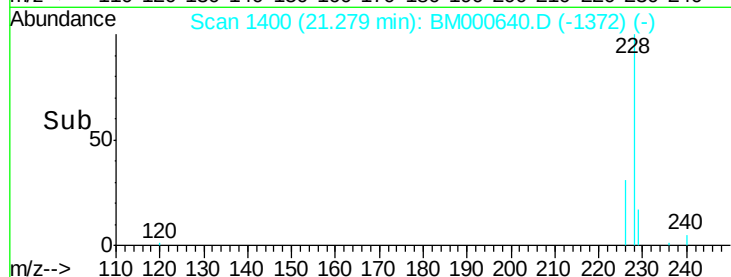
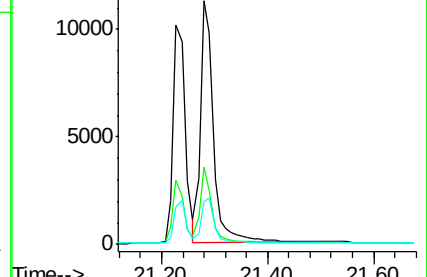
229 17.4 16.4 24.6



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: 0.50 ng/ul

RT: 22.79 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

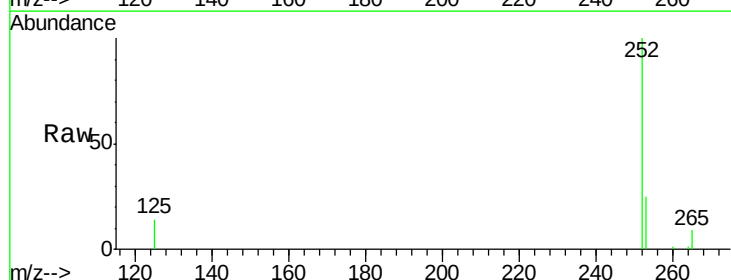
Tgt Ion:252 Resp: 15977

Ion Ratio Lower Upper

252 100

253 25.5 0.0 51.2

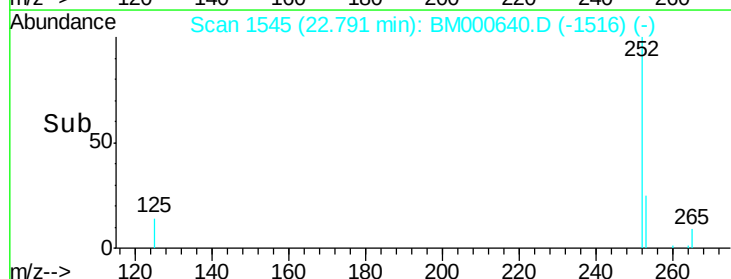
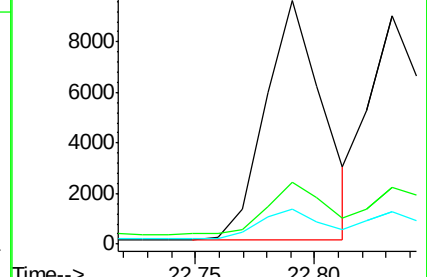
125 14.2 0.0 30.0

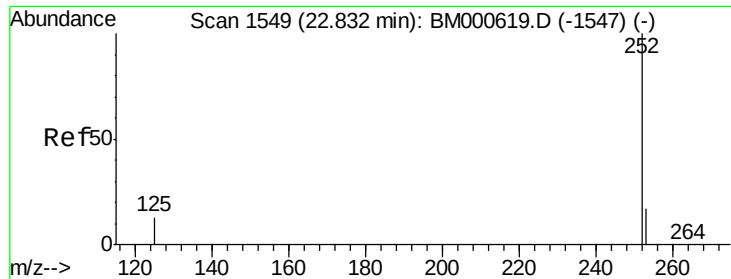


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.47 ng/ul

RT: 22.83 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.443

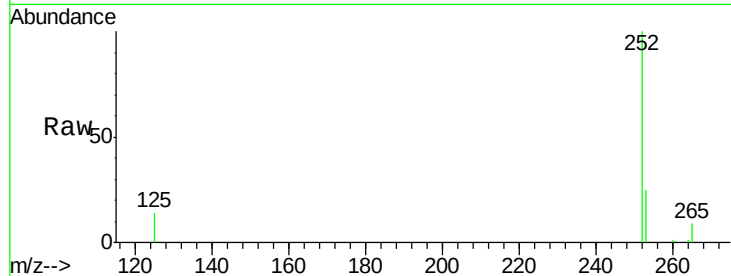
Tgt Ion:252 Resp: 16798

Ion Ratio Lower Upper

252 100

253 25.1 20.5 30.7

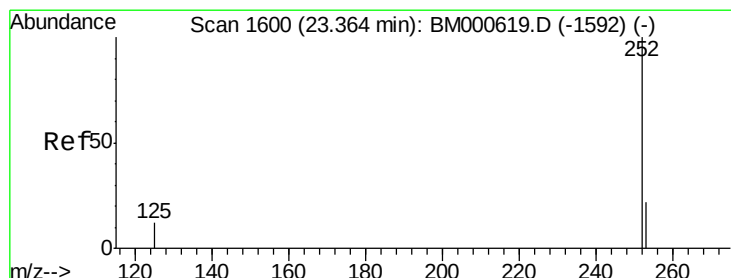
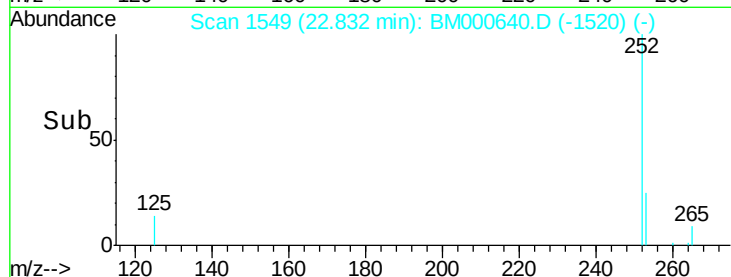
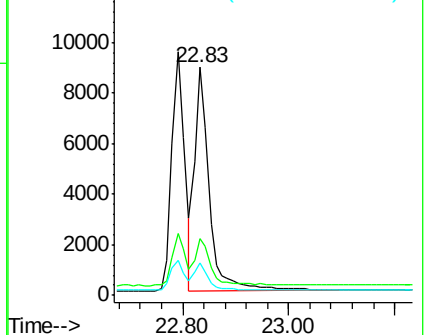
125 14.2 11.8 17.6



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: 0.46 ng/ul

RT: 23.35 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM000640.D

Acq: 04 Mar 2015 06:26

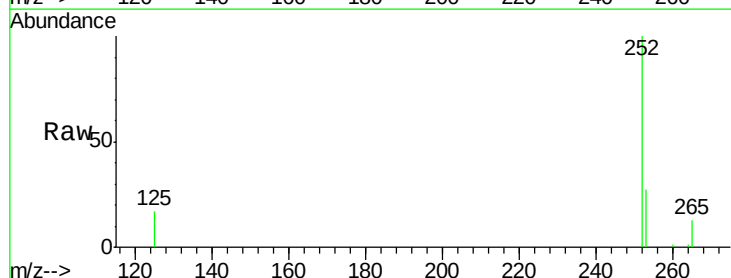
Tgt Ion:252 Resp: 14753

Ion Ratio Lower Upper

252 100

253 27.0 23.4 35.0

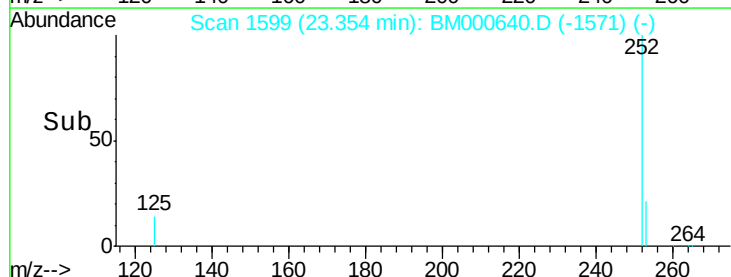
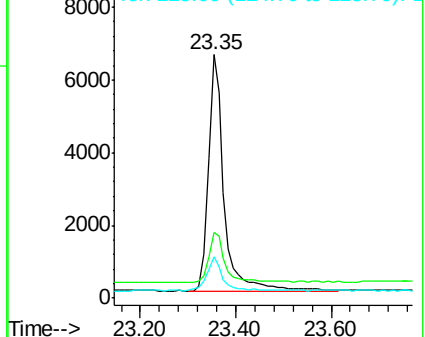
125 16.8 12.2 18.4

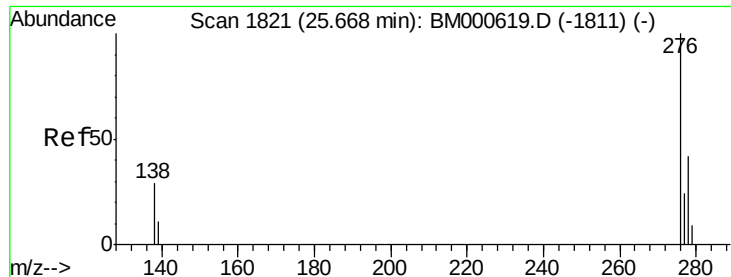


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

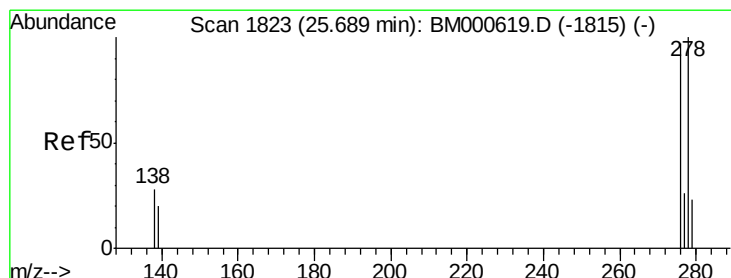
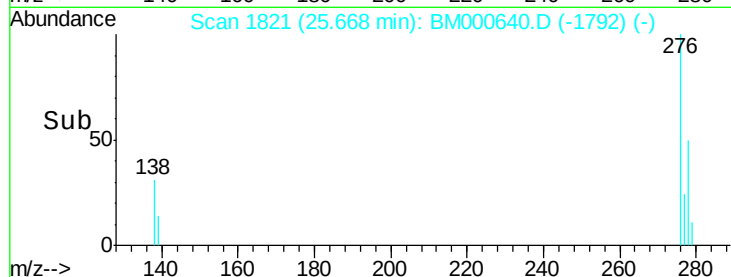
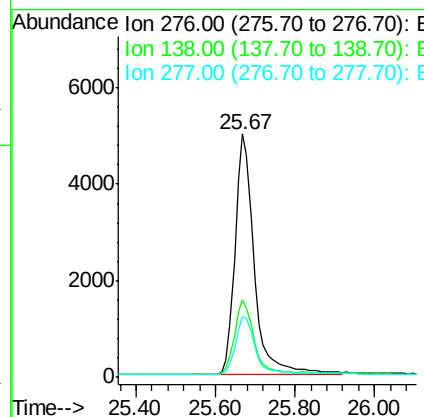
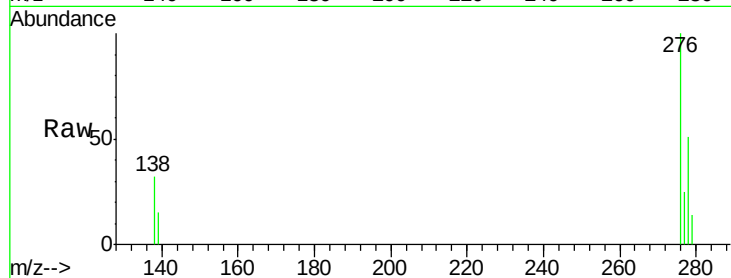




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.50 ng/ul
 RT: 25.67 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BM000640.D
 Acq: 04 Mar 2015 06:26

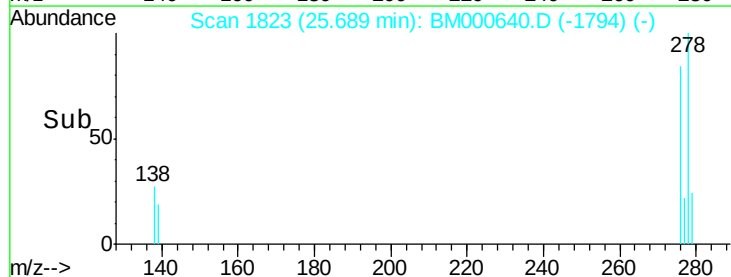
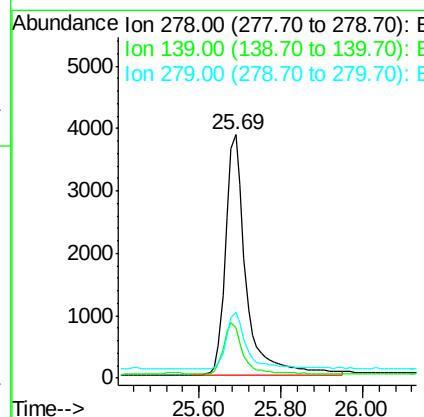
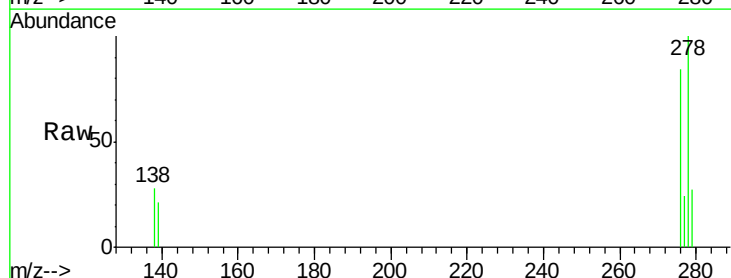
Instrument :
 BNA_M
 ClientSampleId :
 SST0.443

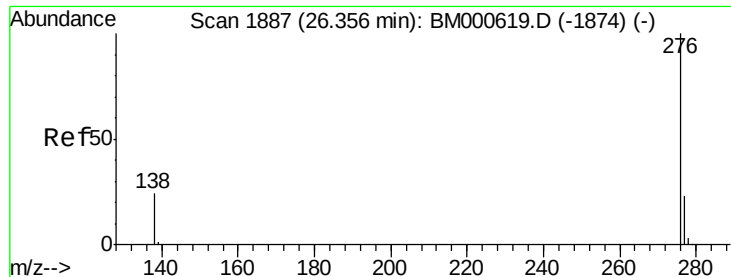
Tgt Ion: 276 Resp: 16902
 Ion Ratio Lower Upper
 276 100
 138 32.1 23.8 35.8
 277 24.4 19.7 29.5



#27
 Dibenzo(a,h)anthracene
 Concen: 0.49 ng/ul
 RT: 25.69 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BM000640.D
 Acq: 04 Mar 2015 06:26

Tgt Ion: 278 Resp: 13387
 Ion Ratio Lower Upper
 278 100
 139 20.7 17.0 25.6
 279 26.9 22.3 33.5





#28

Benzo(g,h,i)perylene

Concen: 0.51 ng/ul

RT: 26.35 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM000640.D

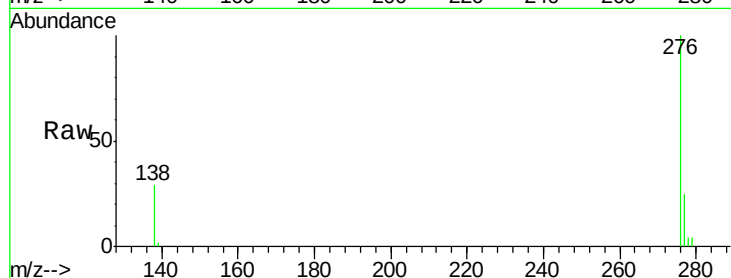
Acq: 04 Mar 2015 06:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.443



Tgt Ion: 276 Resp: 15125

Ion Ratio Lower Upper

276 100

277 24.5 19.9 29.9

138 28.6 20.6 30.8

