

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092116\
 Data File : BM007503.D
 Acq On : 21 Sep 2016 21:59
 Operator : UM/SJ
 Sample : SSTDIC3.239
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST3.239

Quant Time: Sep 22 01:14:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 01:14:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1748	0.40	ng/ul	0.00
2) Naphthalene-d8	10.57	136	7043	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.42	164	4233	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	10426	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	12006	0.40	ng/ul	0.00
20) Perylene-d12	23.61	264	10896	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.16	152	27808	3.22	ng/ul	-0.01
14) Fluoranthene-d10	19.19	212	81684	3.50	ng/ul	0.00

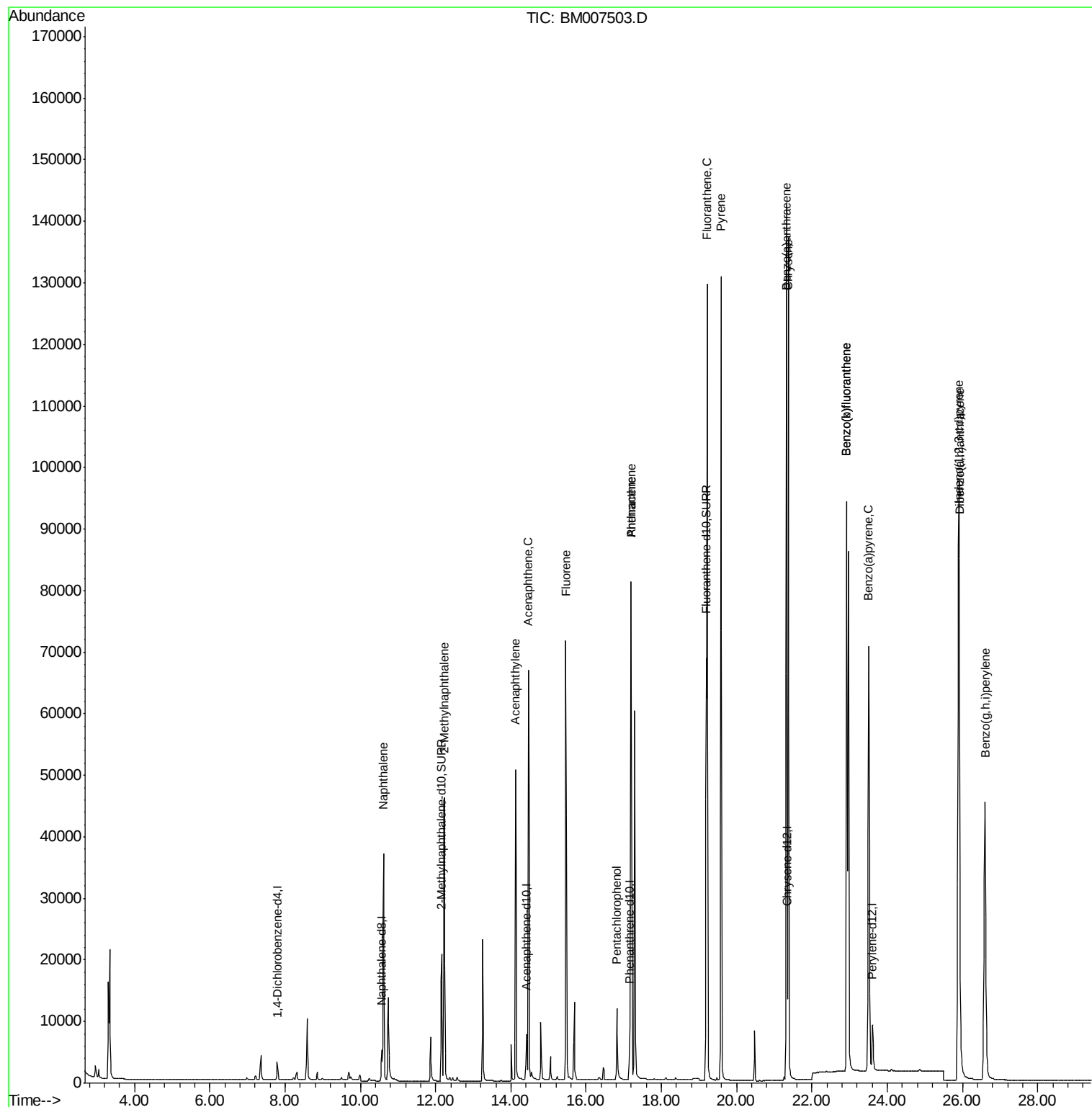
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.62	128	52559	3.03	ng/ul	95
5) 2-Methylnaphthalene	12.24	142	38001	3.25	ng/ul	97
7) Acenaphthylene	14.13	152	63098	2.91	ng/ul	96
8) Acenaphthene	14.47	153	45291	3.14	ng/ul	87
9) Fluorene	15.46	166	55386	3.31	ng/ul	91
11) Pentachlorophenol	16.82	266	10359	3.93	ng/ul	98
12) Phenanthrene	17.19	178	94640	3.27	ng/ul	95
13) Anthracene	17.19	178	94627	3.46	ng/ul	98
15) Fluoranthene	19.22	202	120721	3.53	ng/ul	94
17) Pyrene	19.58	202	124776	3.20	ng/ul	95
18) Benzo(a)anthracene	21.32	228	122938	3.35	ng/ul	97
19) Chrysene	21.38	228	115287	3.19	ng/ul	96
21) Benzo(b)fluoranthene	22.92	252	122368	3.13	ng/ul	94
22) Benzo(k)fluoranthene	22.92	252	122368	3.70	ng/ul	93
23) Benzo(a)pyrene	23.50	252	115397	3.43	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.89	276	123828	3.05	ng/ul	99
25) Dibenzo(a,h)anthracene	25.91	278	95778	3.03	ng/ul	93
26) Benzo(g,h,i)perylene	26.60	276	105870	3.04	ng/ul	96

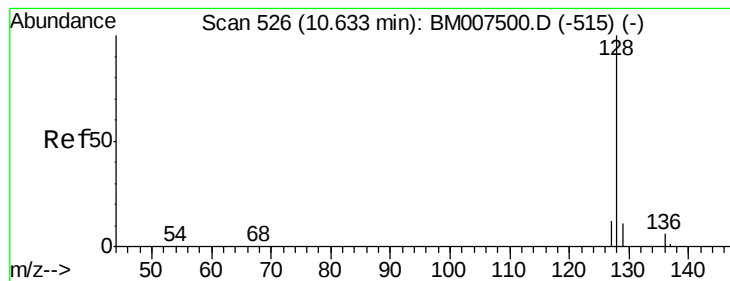
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.03 ng/ul

RT: 10.62 min Scan# 525

Delta R.T. -0.01 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.239

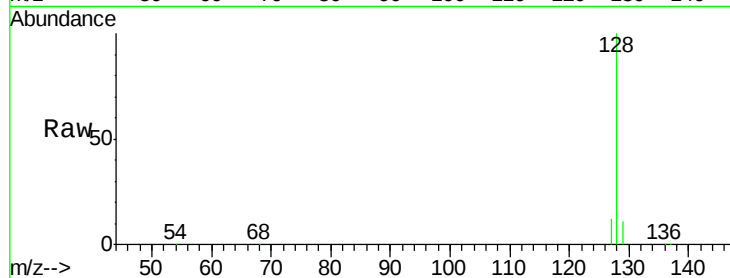
Tgt Ion:128 Resp: 52559

Ion Ratio Lower Upper

128 100

129 11.2 10.7 16.1

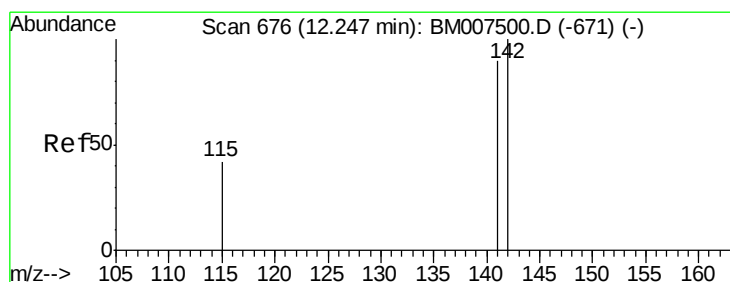
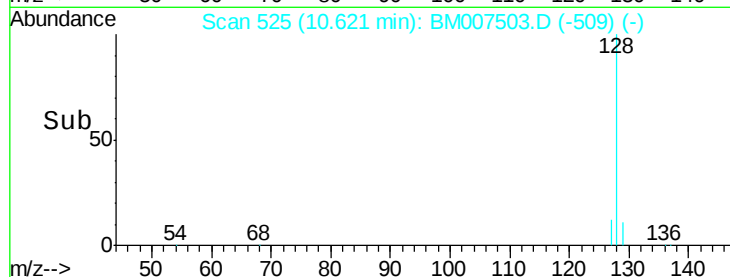
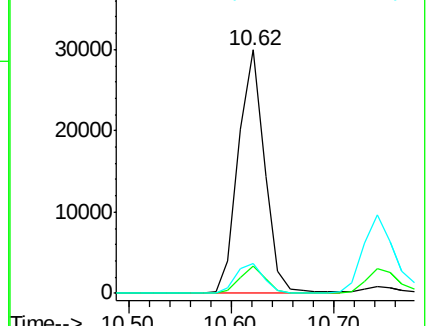
127 12.4 11.3 16.9



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: 3.25 ng/ul

RT: 12.24 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM007503.D

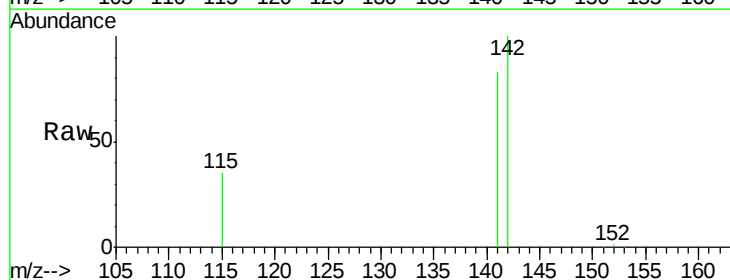
Acq: 21 Sep 2016 21:59

Tgt Ion:142 Resp: 38001

Ion Ratio Lower Upper

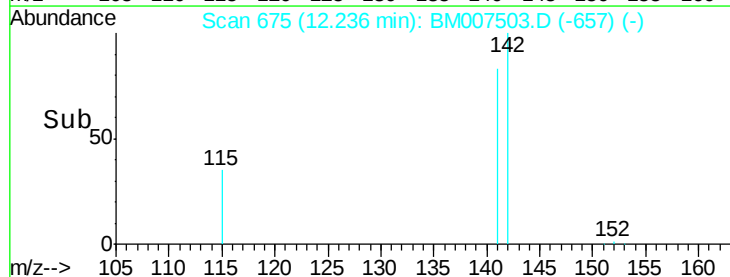
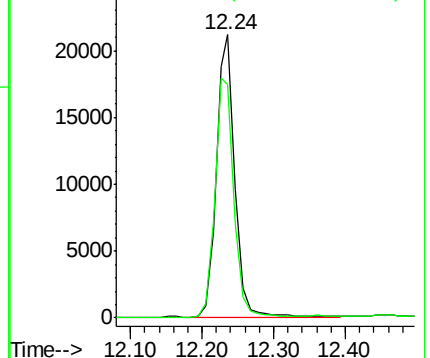
142 100

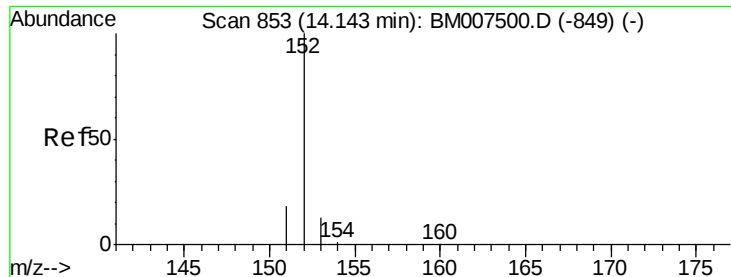
141 88.2 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.91 ng/ul

RT: 14.13 min Scan# 852

Delta R.T. -0.02 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.239

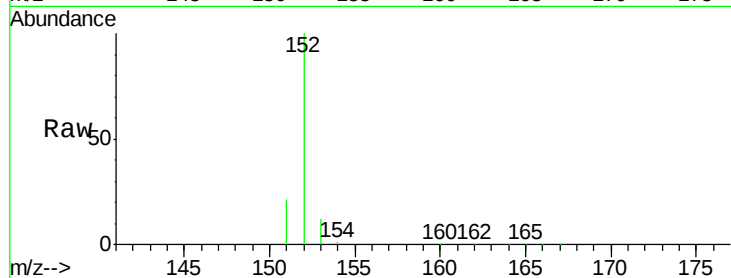
Tgt Ion:152 Resp: 63098

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

153 12.3 12.2 18.2



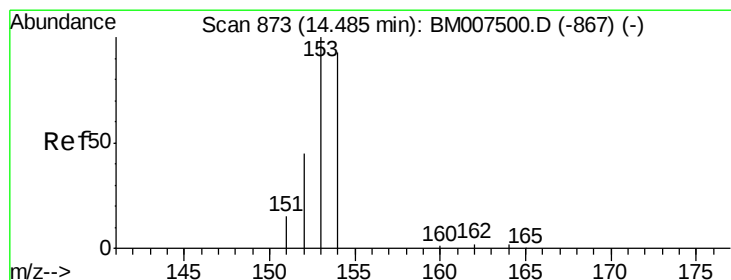
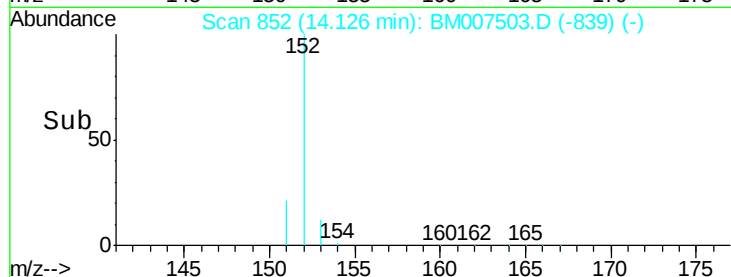
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->

14.00 14.20



#8

Acenaphthene

Concen: 3.14 ng/ul

RT: 14.47 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

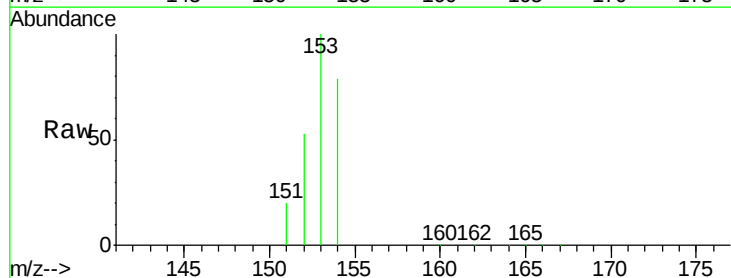
Tgt Ion:153 Resp: 45291

Ion Ratio Lower Upper

153 100

152 52.7 37.6 56.4

154 79.3 74.6 112.0



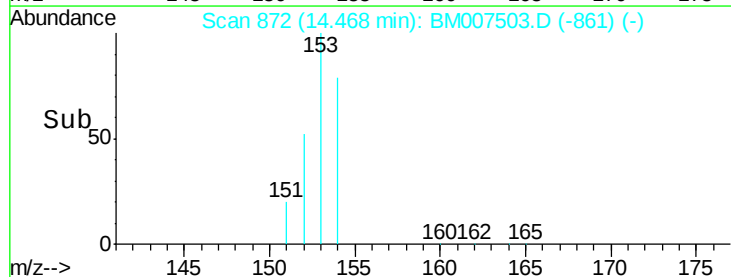
Abundance Ion 153.00 (152.70 to 153.70): E

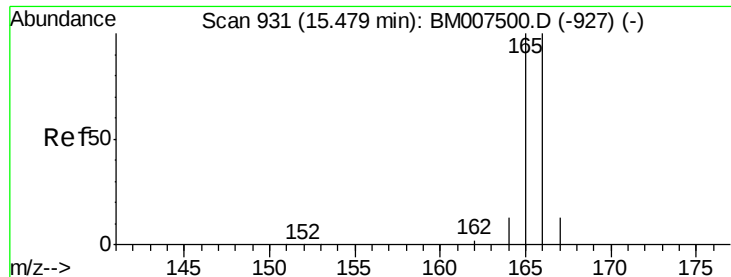
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->

14.40 14.50 14.60





#9

Fluorene

Concen: 3.31 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.02 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.239

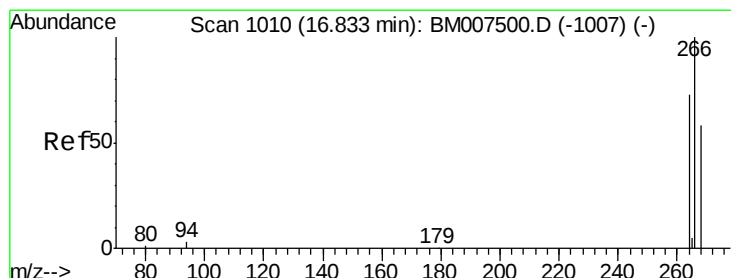
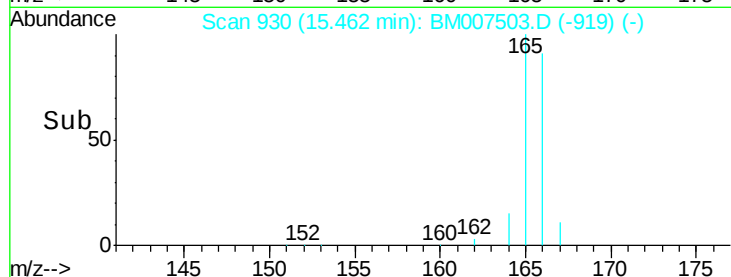
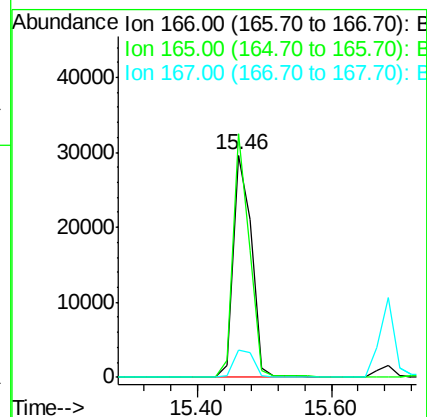
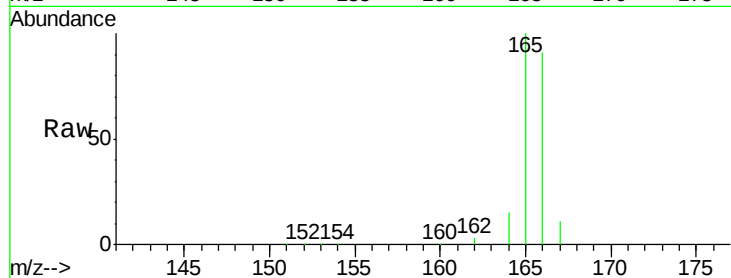
Tgt Ion:166 Resp: 55386

Ion Ratio Lower Upper

166 100

165 109.7 79.8 119.8

167 12.1 11.5 17.3



#11

Pentachlorophenol

Concen: 3.93 ng/ul

RT: 16.82 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

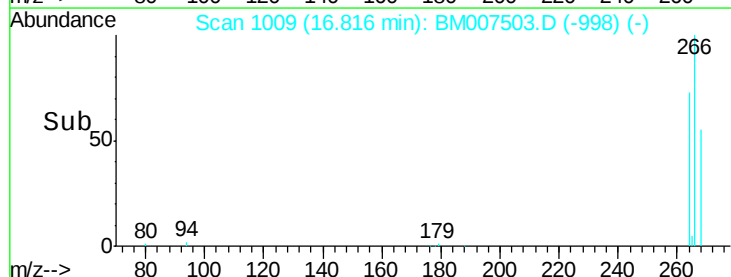
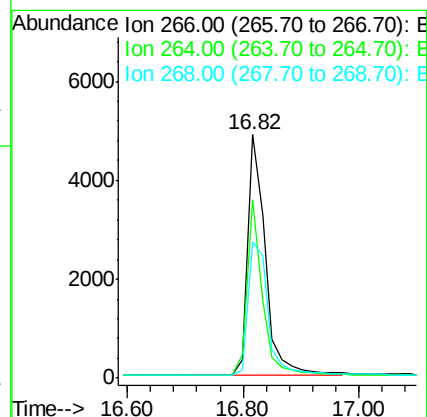
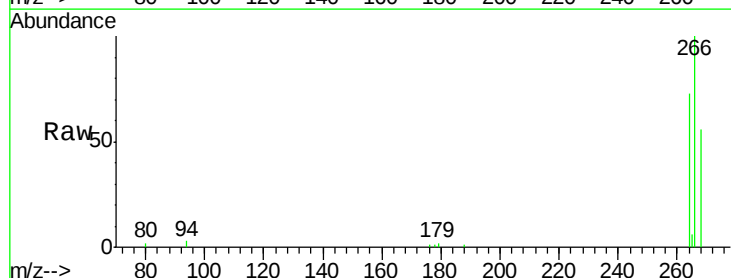
Tgt Ion:266 Resp: 10359

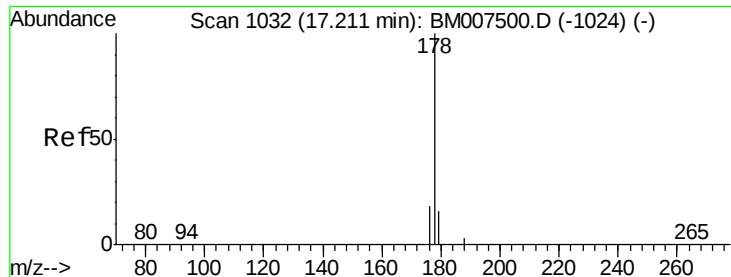
Ion Ratio Lower Upper

266 100

264 63.4 51.4 77.2

268 63.1 52.9 79.3





#12

Phenanthrene

Concen: 3.27 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.239

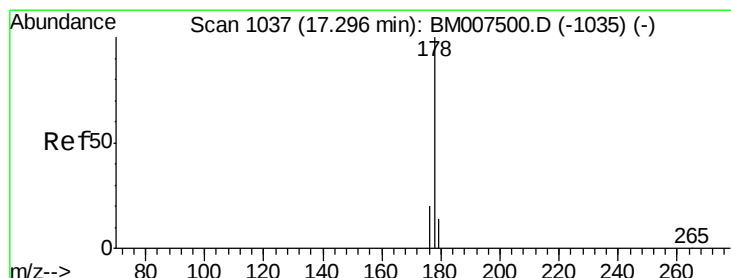
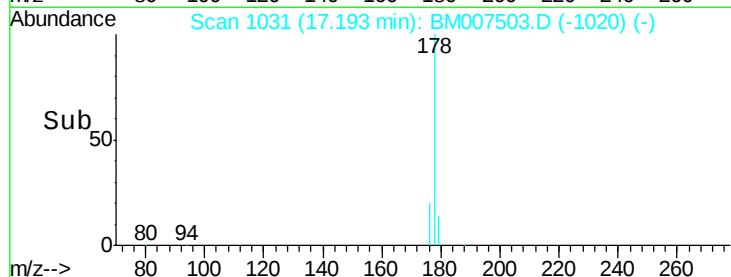
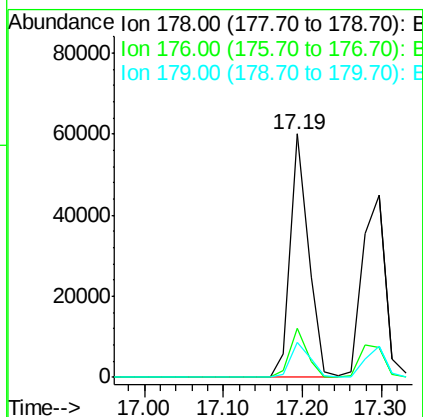
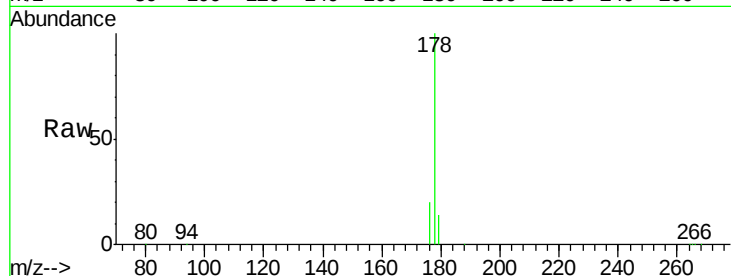
Tgt Ion:178 Resp: 94640

Ion Ratio Lower Upper

178 100

176 20.3 14.9 22.3

179 14.5 13.7 20.5



#13

Anthracene

Concen: 3.46 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.10 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

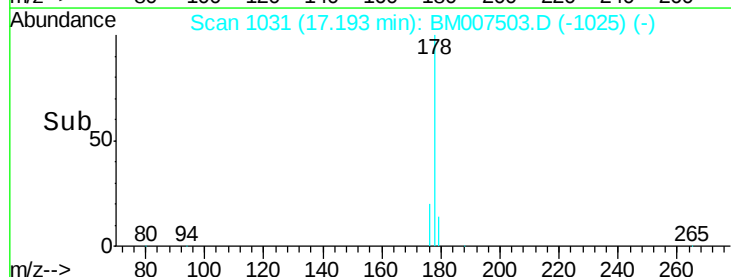
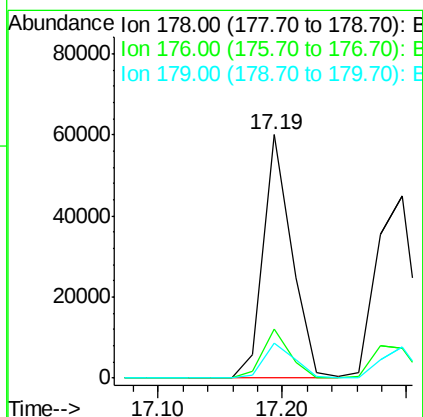
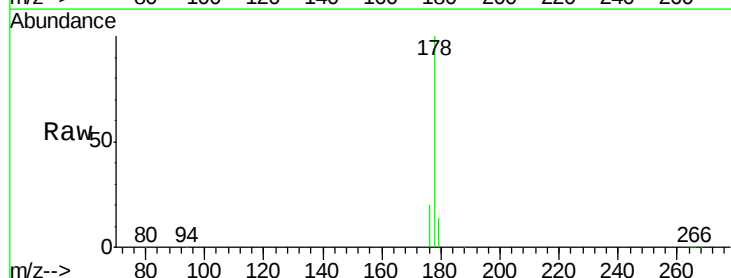
Tgt Ion:178 Resp: 94627

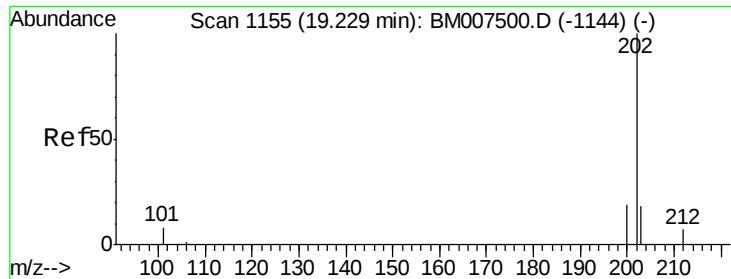
Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

179 14.5 12.5 18.7





#15

Fluoranthene

Concen: 3.53 ng/ul

RT: 19.22 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

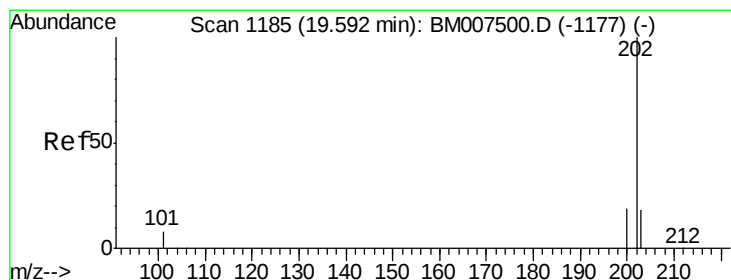
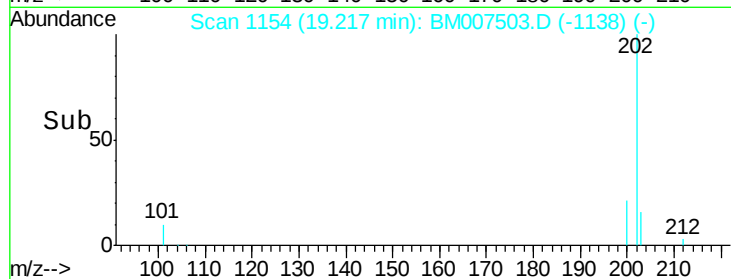
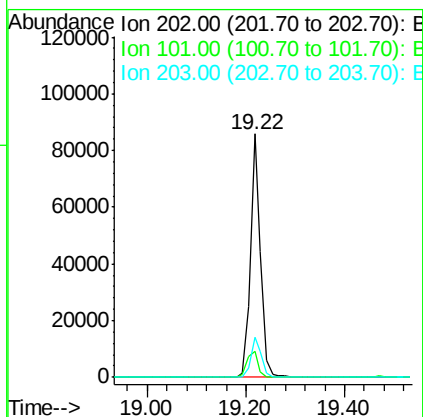
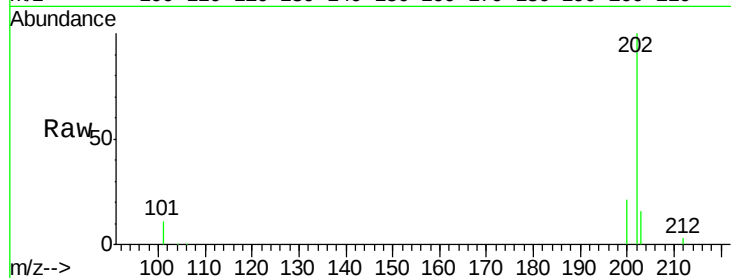
Instrument :

BNA_M

ClientSampleId :

SSTD3.239

Tgt Ion:	202	Resp:	120721
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	28.4
203	16.3	0.0	39.0



#17

Pyrene

Concen: 3.20 ng/ul

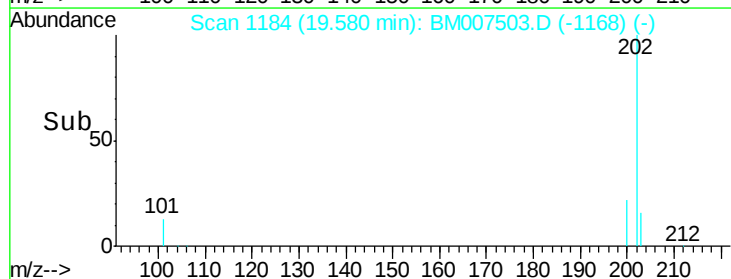
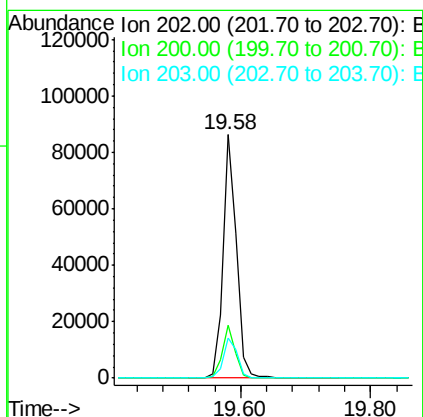
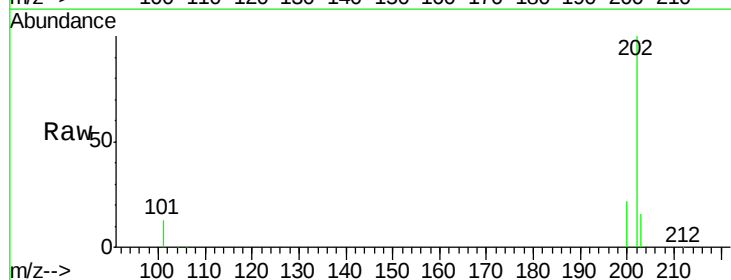
RT: 19.58 min Scan# 1184

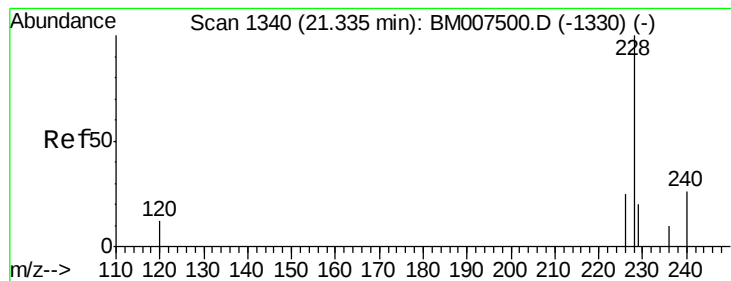
Delta R.T. -0.01 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Tgt Ion:	202	Resp:	124776
Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.9	23.9
203	16.4	15.0	22.4

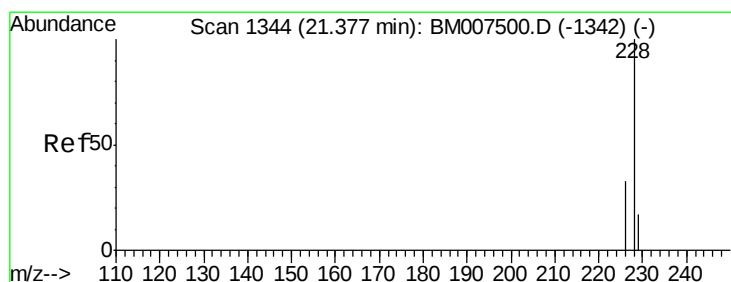
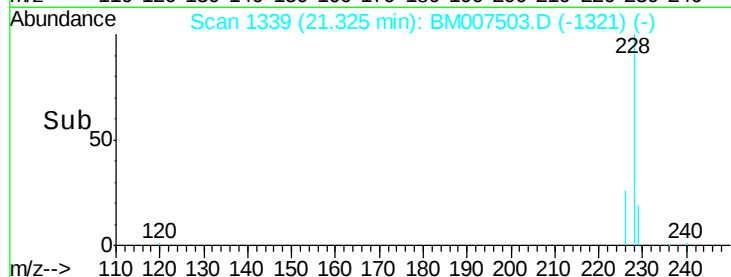
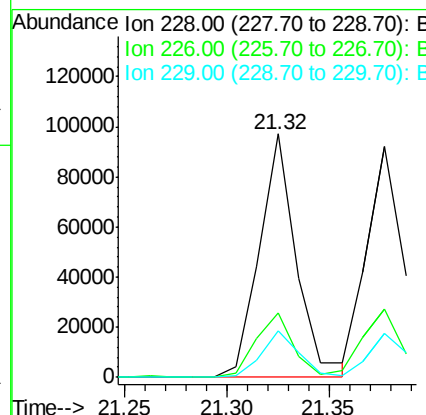
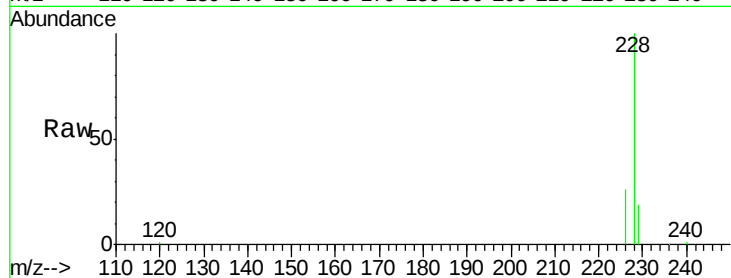




#18
Benzo(a)anthracene
Concen: 3.35 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM007503.D
Acq: 21 Sep 2016 21:59

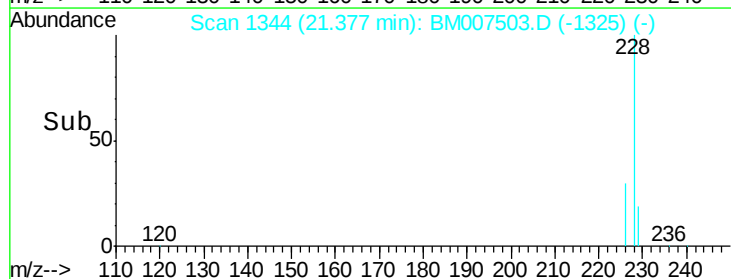
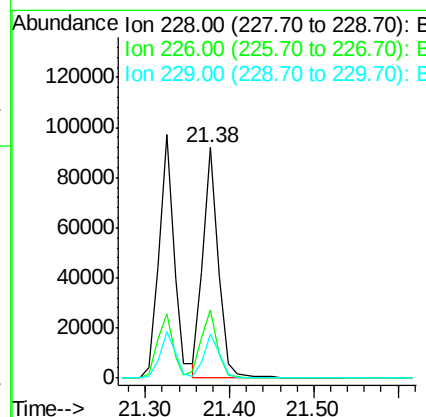
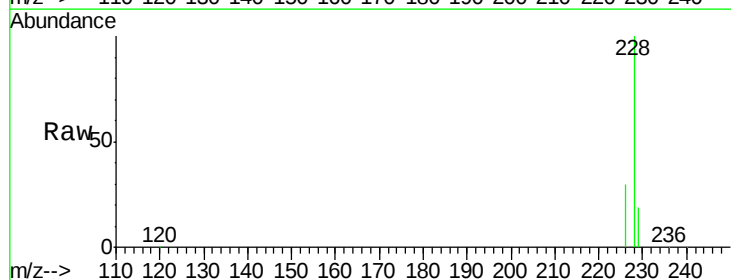
Instrument :
BNA_M
ClientSampleId :
SSTD3.239

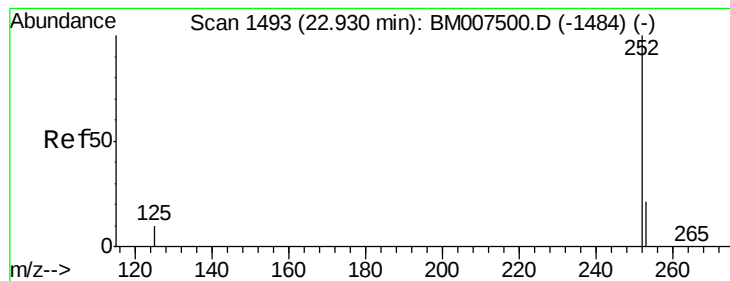
Tgt Ion:228 Resp: 122938
Ion Ratio Lower Upper
228 100
226 26.2 20.2 30.4
229 19.2 16.7 25.1



#19
Chrysene
Concen: 3.19 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM007503.D
Acq: 21 Sep 2016 21:59

Tgt Ion:228 Resp: 115287
Ion Ratio Lower Upper
228 100
226 29.7 25.9 38.9
229 19.1 14.7 22.1





#21

Benzo(b)fluoranthene

Concen: 3.13 ng/u1

RT: 22.92 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.239

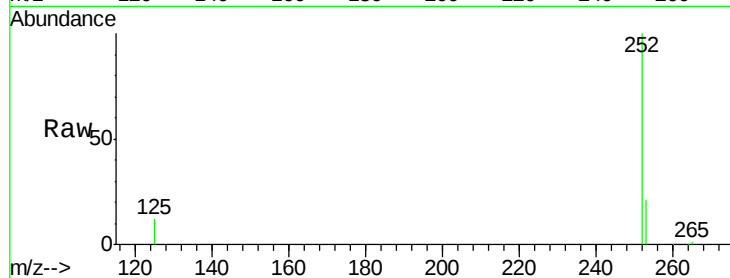
Tgt Ion:252 Resp: 122368

Ion Ratio Lower Upper

252 100

253 21.1 0.0 49.2

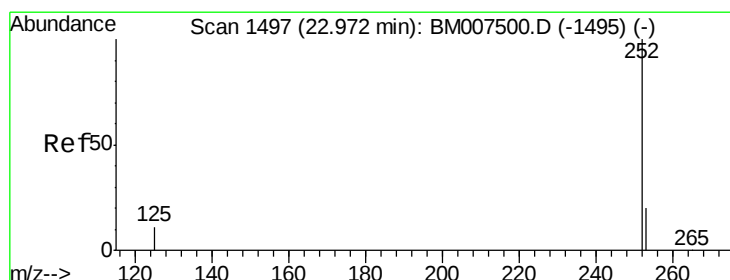
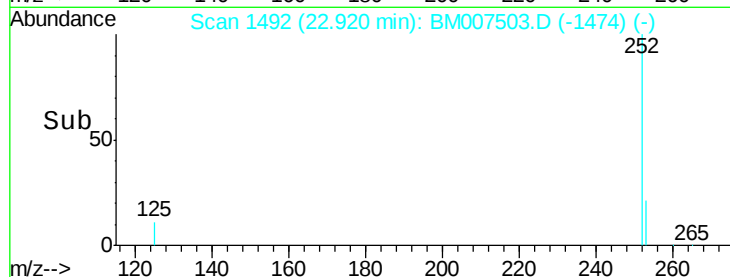
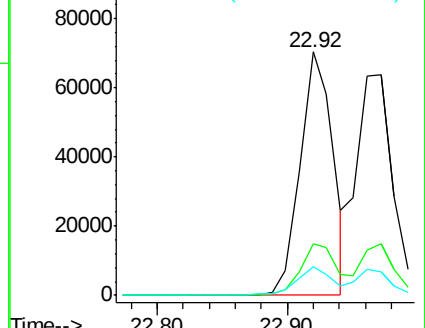
125 11.6 0.0 27.2



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



#22

Benzo(k)fluoranthene

Concen: 3.70 ng/u1

RT: 22.92 min Scan# 1492

Delta R.T. -0.05 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

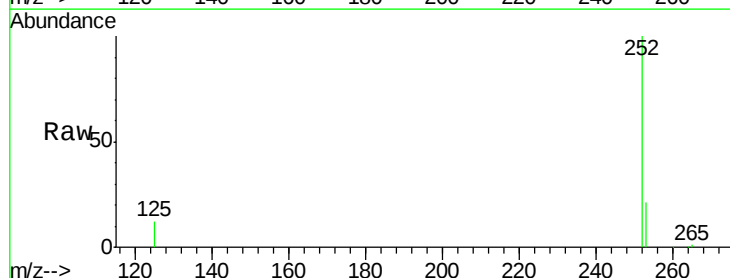
Tgt Ion:252 Resp: 122368

Ion Ratio Lower Upper

252 100

253 21.1 19.7 29.5

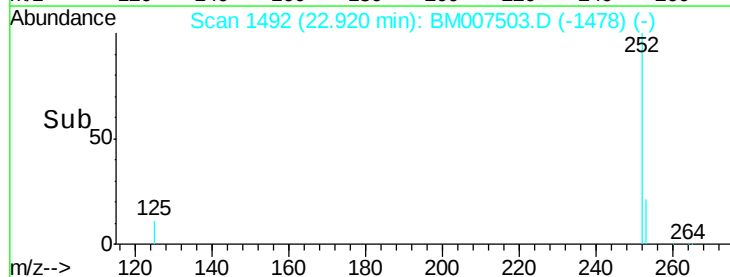
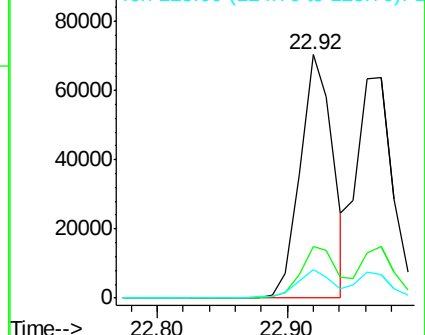
125 11.6 11.5 17.3

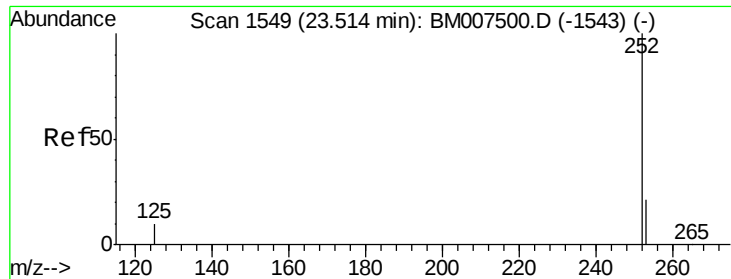


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.43 ng/ul

RT: 23.50 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Instrument :

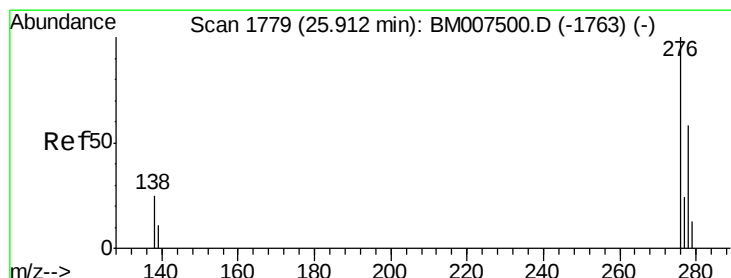
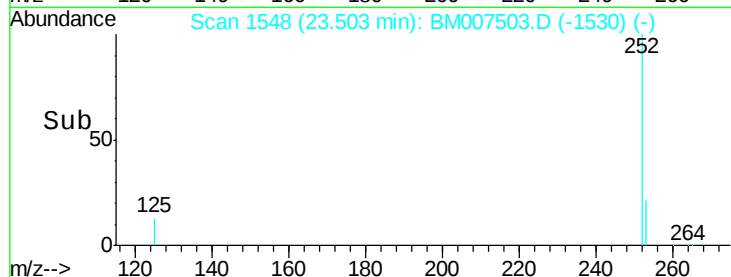
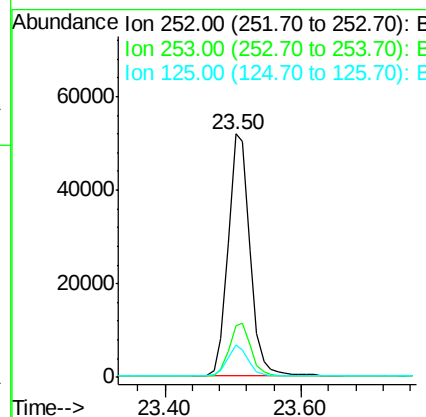
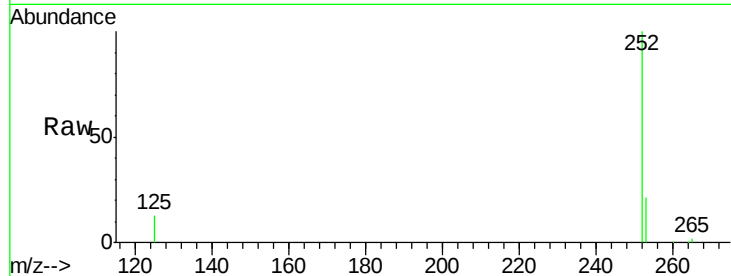
BNA_M

ClientSampleId :

SSTD3.239

Tgt Ion: 252 Resp: 115397

Ion	Ratio	Lower	Upper
252	100		
253	21.0	20.6	31.0
125	13.1	13.4	20.2#



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.05 ng/ul

RT: 25.89 min Scan# 1777

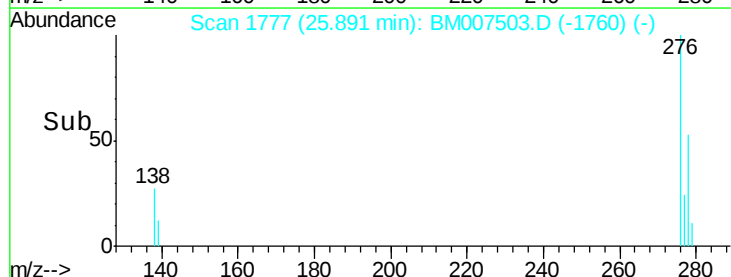
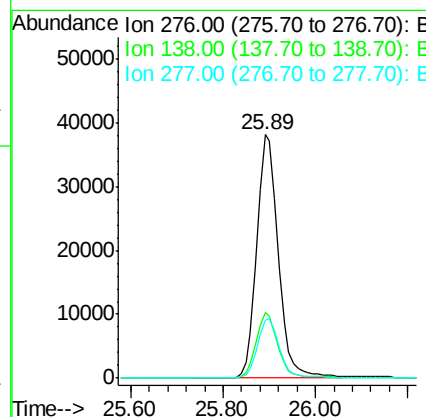
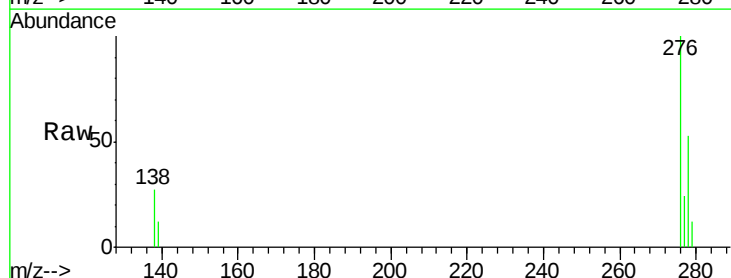
Delta R.T. -0.02 min

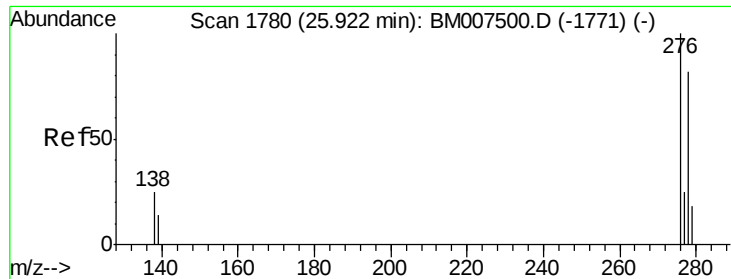
Lab File: BM007503.D

Acq: 21 Sep 2016 21:59

Tgt Ion: 276 Resp: 123828

Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.8	31.2
277	24.5	19.6	29.4

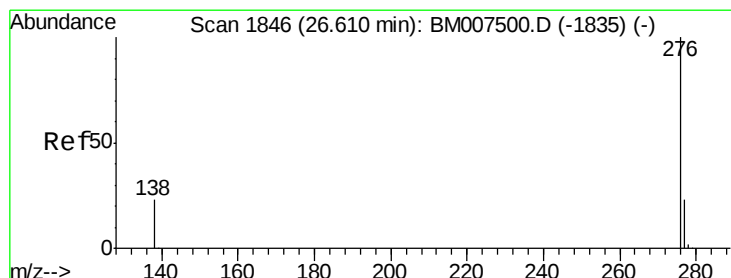
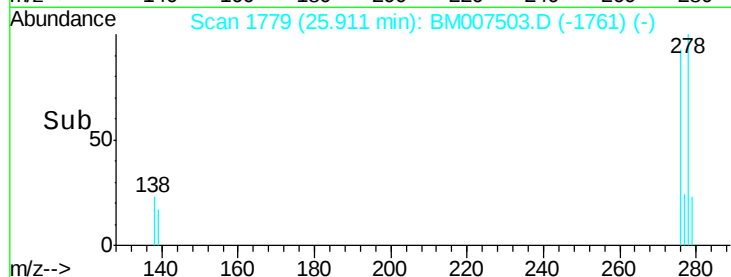
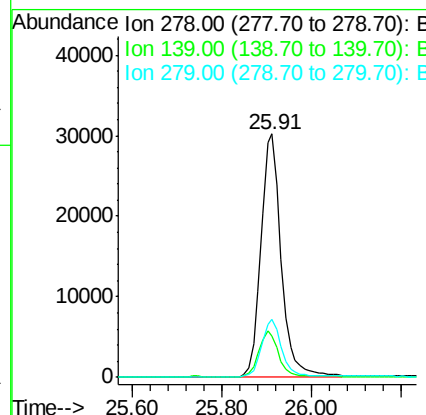
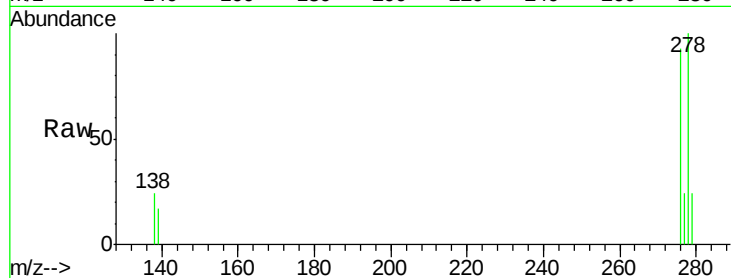




#25
Dibenzo(a,h)anthracene
Concen: 3.03 ng/ul
RT: 25.91 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BM007503.D
Acq: 21 Sep 2016 21:59

Instrument :
BNA_M
ClientSampleId :
SSTD3.239

Tgt Ion:278 Resp: 95778
Ion Ratio Lower Upper
278 100
139 17.0 16.9 25.3
279 23.7 21.3 31.9



#26
Benzo(g,h,i)perylene
Concen: 3.04 ng/ul
RT: 26.60 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM007503.D
Acq: 21 Sep 2016 21:59

Tgt Ion:276 Resp: 105870
Ion Ratio Lower Upper
276 100
277 23.7 20.5 30.7
138 23.0 20.3 30.5

