

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092116\
 Data File : BM007498.D
 Acq On : 21 Sep 2016 18:59
 Operator : UM/SJ
 Sample : SSTDIC0.134
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.134

Quant Time: Sep 22 01:14:06 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

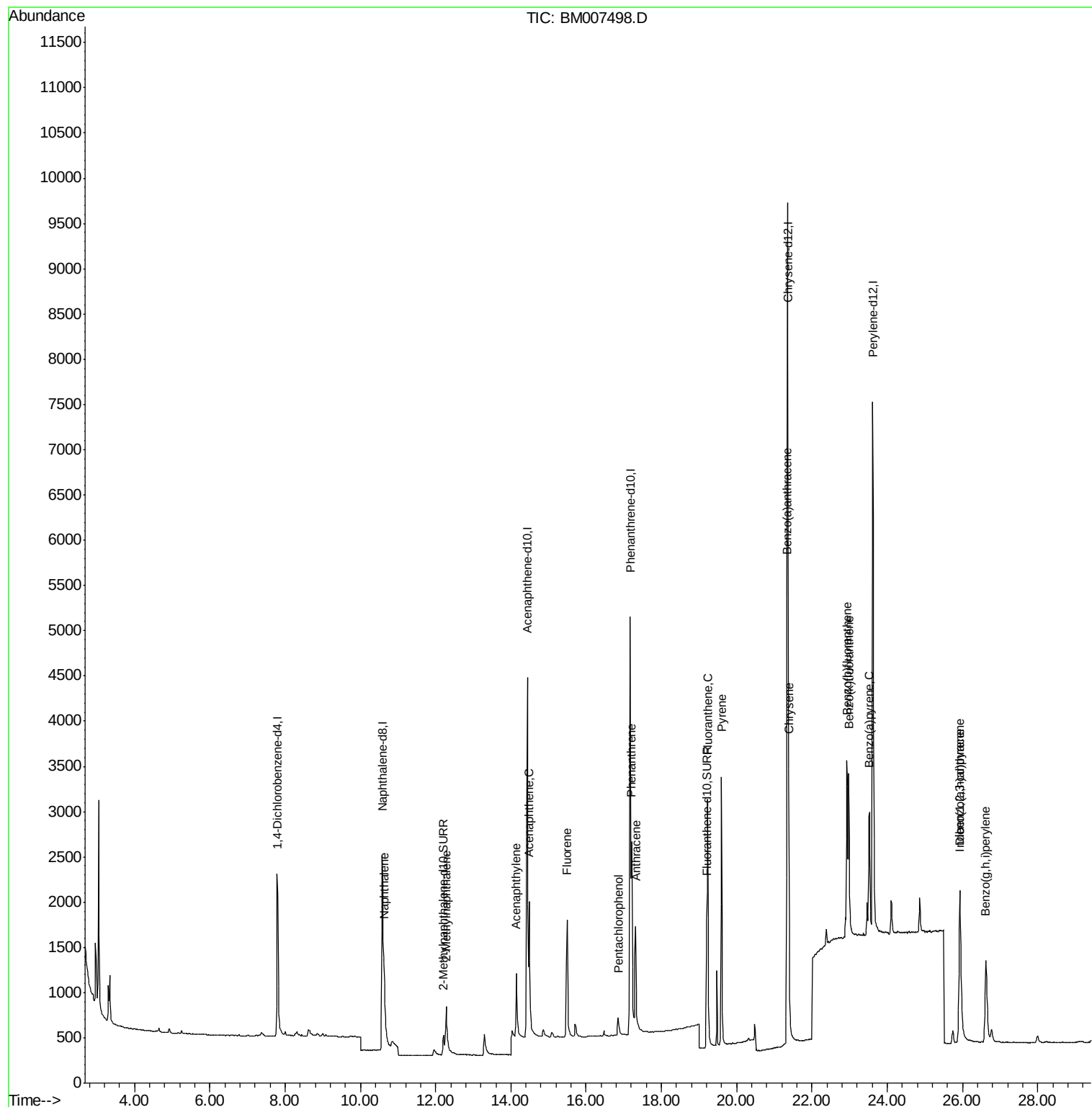
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1417	0.40	ng/ul	0.02
2) Naphthalene-d8	10.58	136	5332	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	3434	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.18	188	9261	0.40	ng/ul	0.02
16) Chrysene-d12	21.36	240	9755	0.40	ng/ul	0.01
20) Perylene-d12	23.62	264	9096	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	579	0.09	ng/ul	0.03
14) Fluoranthene-d10	19.21	212	2075	0.10	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	10.63	128	1223	0.09	ng/ul#	80
5) 2-Methylnaphthalene	12.28	142	773	0.09	ng/ul	99
7) Acenaphthylene	14.14	152	1376	0.08	ng/ul#	85
8) Acenaphthene	14.49	153	1102	0.09	ng/ul	91
9) Fluorene	15.50	166	1327	0.10	ng/ul#	93
11) Pentachlorophenol	16.85	266	234	0.10	ng/ul	99
12) Phenanthrene	17.21	178	2365	0.09	ng/ul	94
13) Anthracene	17.31	178	2095	0.09	ng/ul#	91
15) Fluoranthene	19.23	202	2988	0.10	ng/ul	93
17) Pyrene	19.59	202	3253	0.10	ng/ul	95
18) Benzo(a)anthracene	21.34	228	2746	0.09	ng/ul	94
19) Chrysene	21.39	228	3115	0.11	ng/ul#	94
21) Benzo(b)fluoranthene	22.93	252	2776	0.09	ng/ul	81
22) Benzo(k)fluoranthene	22.98	252	3034	0.11	ng/ul#	78
23) Benzo(a)pyrene	23.52	252	2733	0.10	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.92	276	2689	0.08	ng/ul	99
25) Dibenzo(a,h)anthracene	25.93	278	2064	0.08	ng/ul#	77
26) Benzo(g,h,i)perylene	26.62	276	2479	0.09	ng/ul#	89

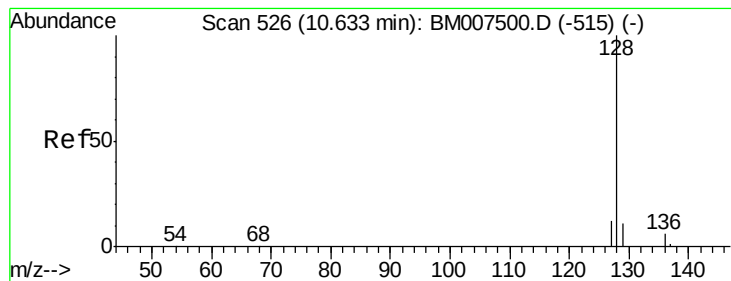
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.09 ng/ul

RT: 10.63 min Scan# 526

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

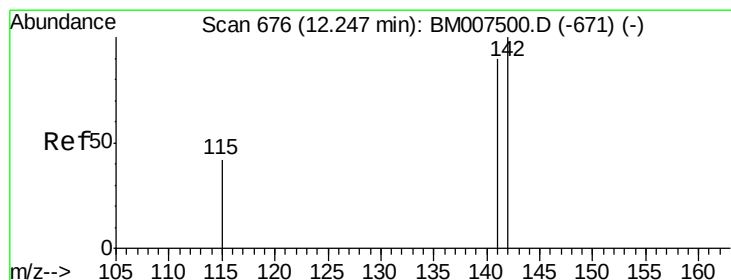
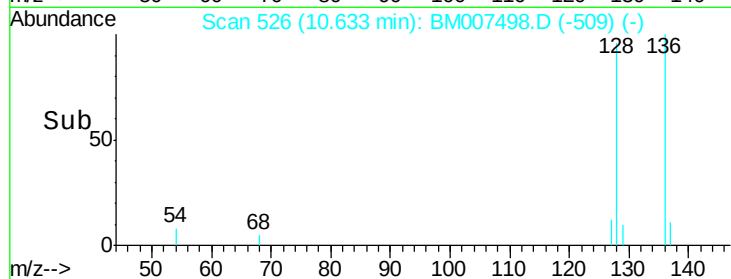
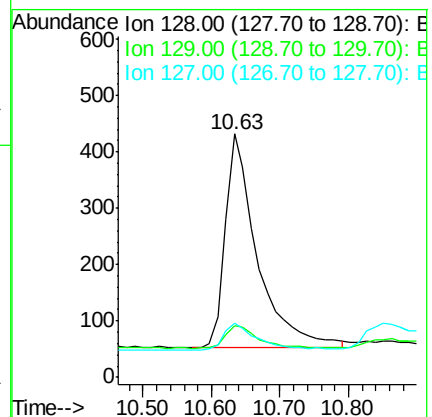
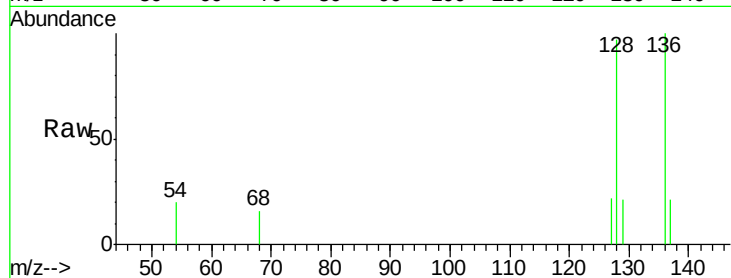
Tgt Ion:128 Resp: 1223

Ion Ratio Lower Upper

128 100

129 21.3 10.7 16.1#

127 22.5 11.3 16.9#



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.03 min

Lab File: BM007498.D

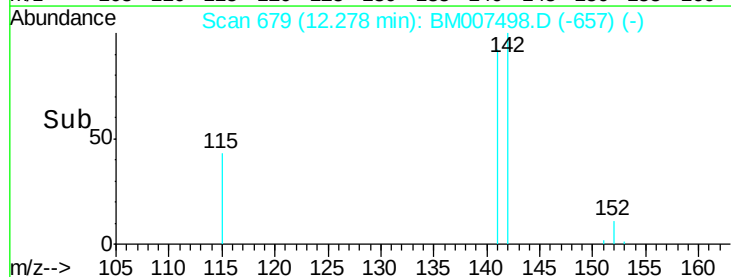
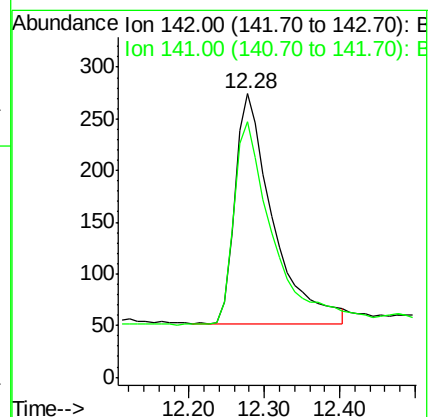
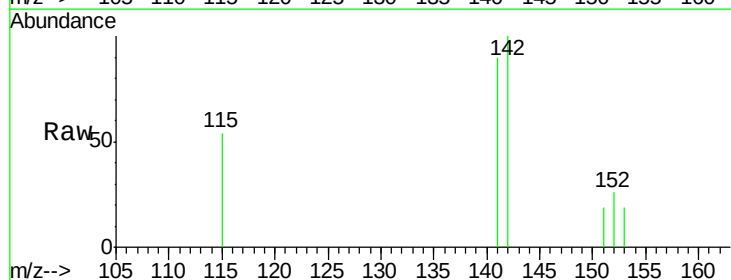
Acq: 21 Sep 2016 18:59

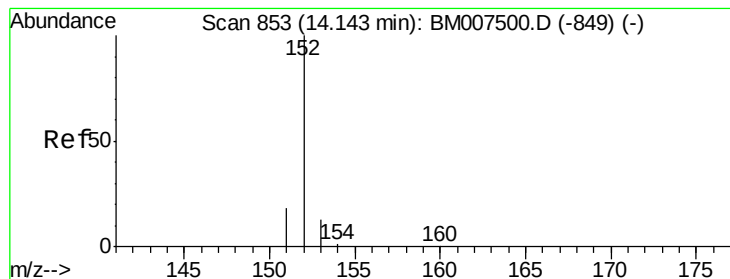
Tgt Ion:142 Resp: 773

Ion Ratio Lower Upper

142 100

141 91.7 72.5 108.7





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

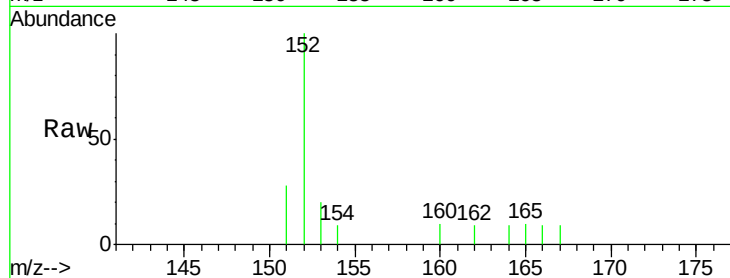
Tgt Ion:152 Resp: 1376

Ion Ratio Lower Upper

152 100

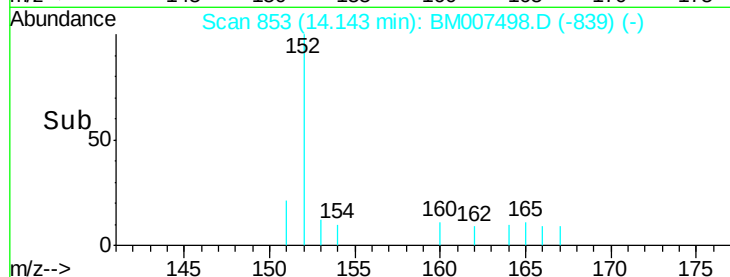
151 27.7 15.8 23.8#

153 20.0 12.2 18.2#

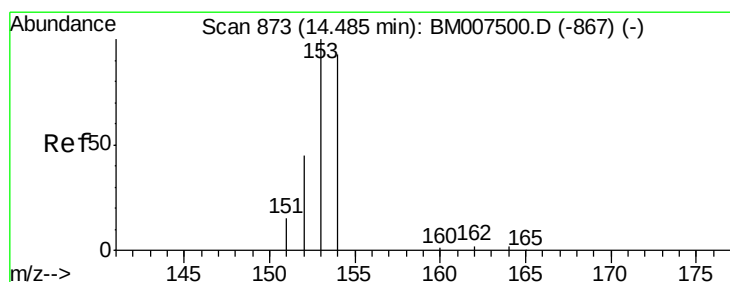


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

14.14



Time--> 14.00 14.10 14.20 14.30



#8

Acenaphthene

Concen: 0.09 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

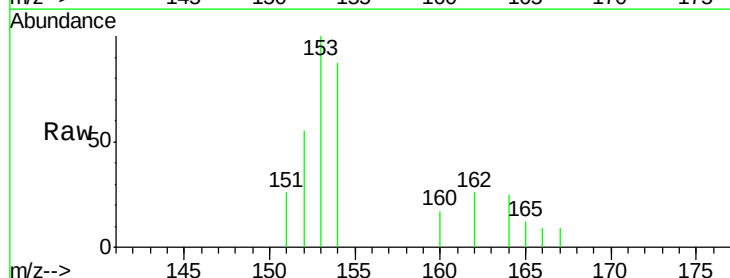
Tgt Ion:153 Resp: 1102

Ion Ratio Lower Upper

153 100

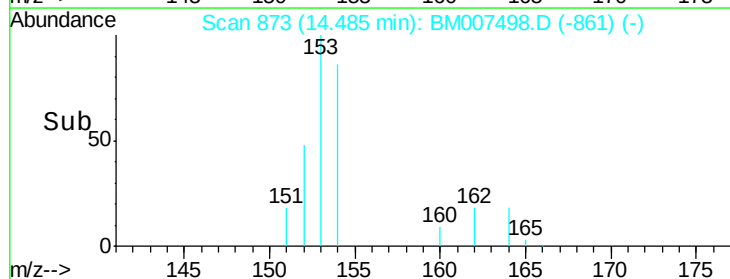
152 55.2 37.6 56.4

154 86.5 74.6 112.0

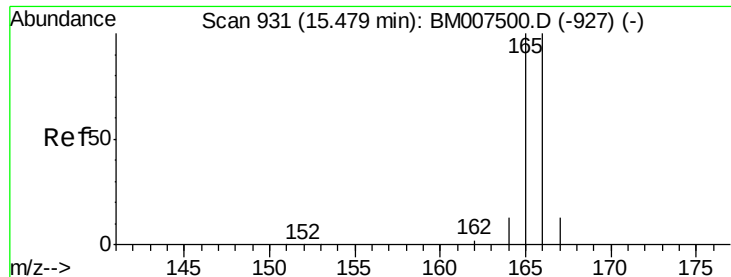


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

14.49



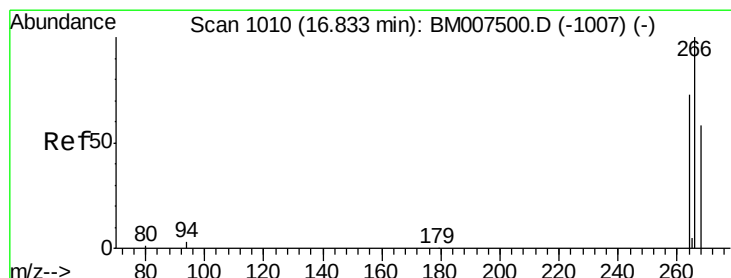
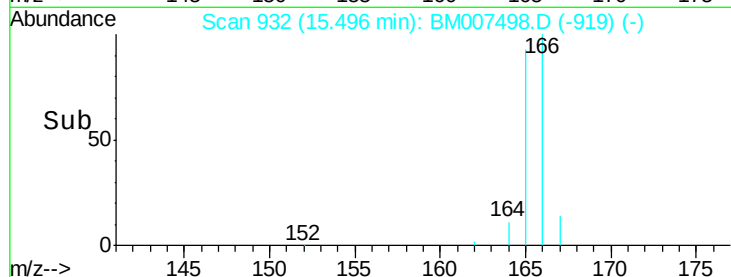
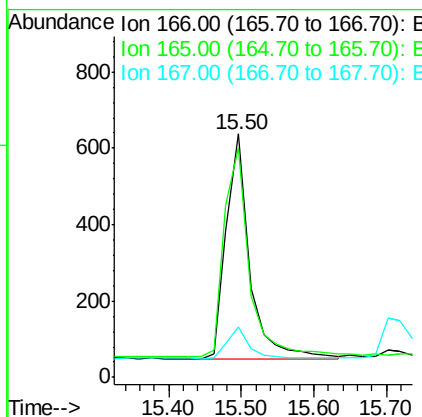
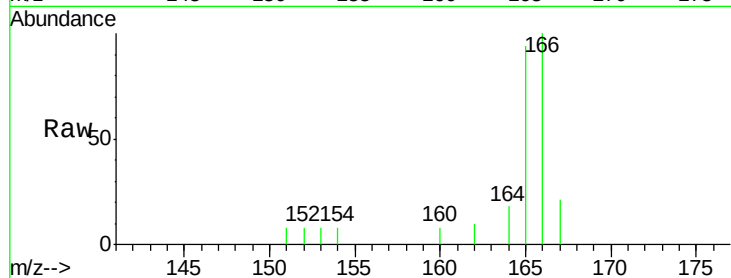
Time--> 14.40 14.60



#9
Fluorene
 Concen: 0.10 ng/ul
 RT: 15.50 min Scan# 932
 Delta R.T. 0.02 min
 Lab File: BM007498.D
 Acq: 21 Sep 2016 18:59

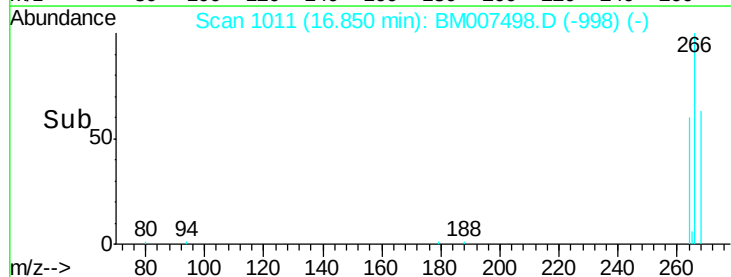
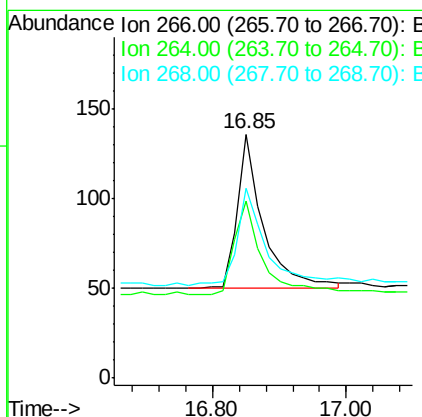
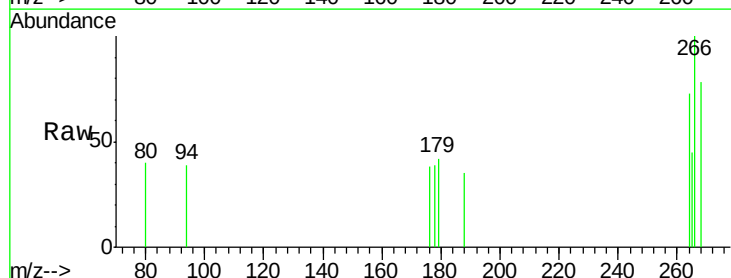
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.134

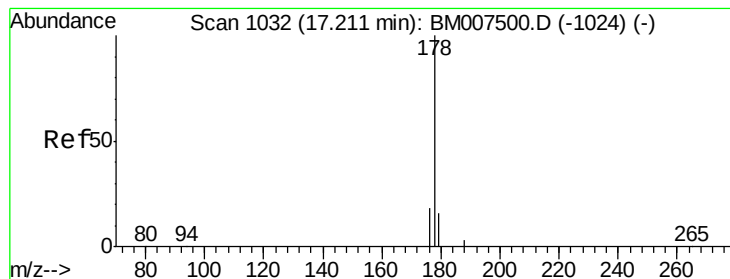
Tgt Ion:166 Resp: 1327
 Ion Ratio Lower Upper
 166 100
 165 94.4 79.8 119.8
 167 20.7 11.5 17.3#



#11
Pentachlorophenol
 Concen: 0.10 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.02 min
 Lab File: BM007498.D
 Acq: 21 Sep 2016 18:59

Tgt Ion:266 Resp: 234
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.4 77.2
 268 67.1 52.9 79.3





#12

Phenanthrene

Concen: 0.09 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

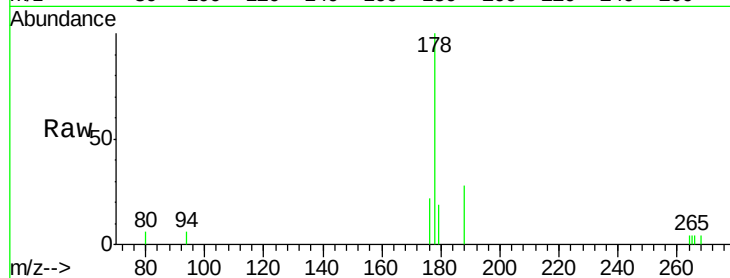
Tgt Ion:178 Resp: 2365

Ion Ratio Lower Upper

178 100

176 21.6 14.9 22.3

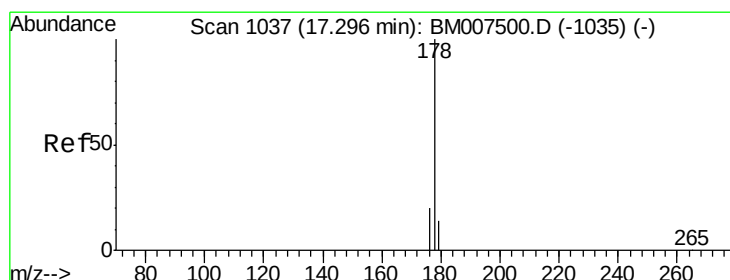
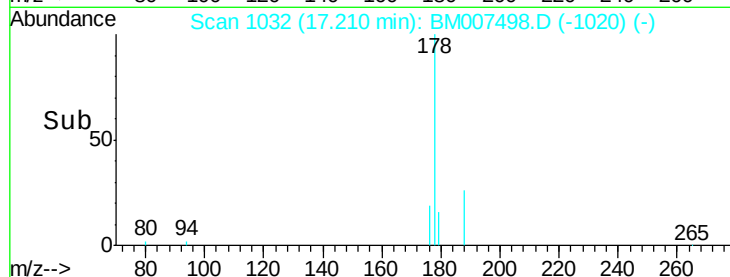
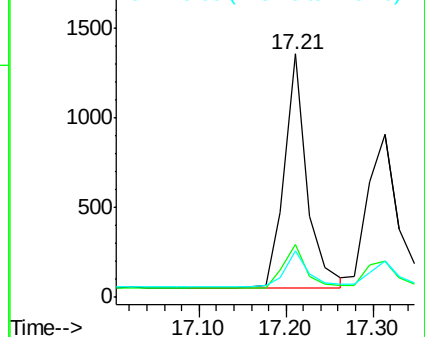
179 19.2 13.7 20.5



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



#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.31 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

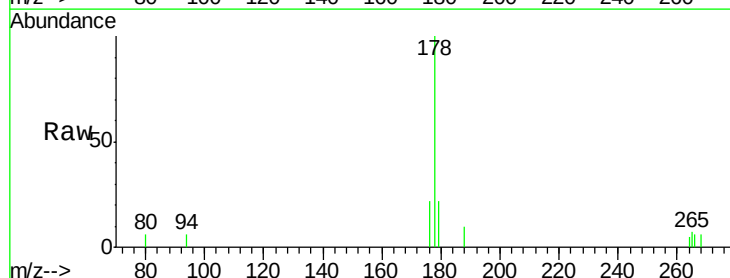
Tgt Ion:178 Resp: 2095

Ion Ratio Lower Upper

178 100

176 22.1 16.6 24.8

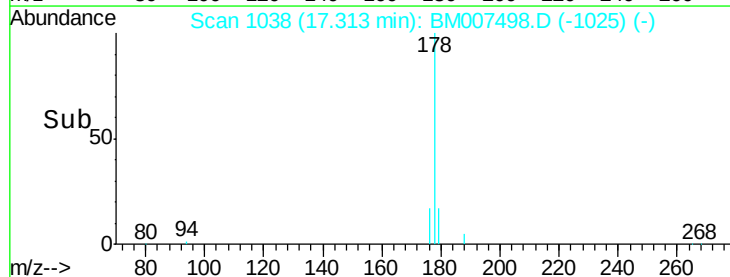
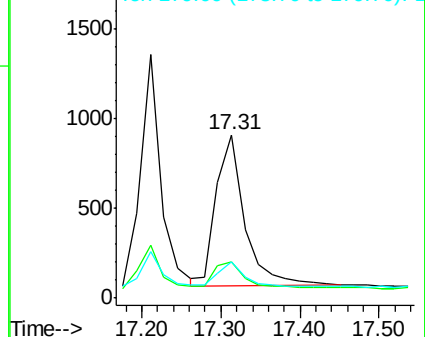
179 22.4 12.5 18.7#

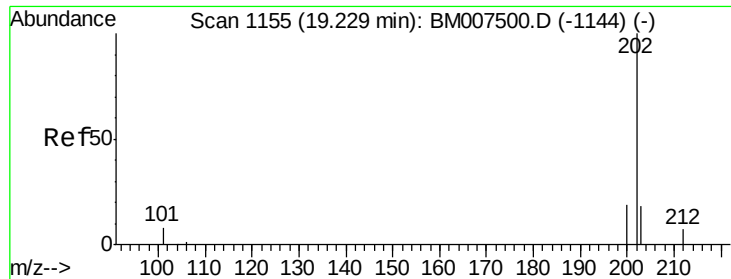


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.10 ng/ul

RT: 19.23 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

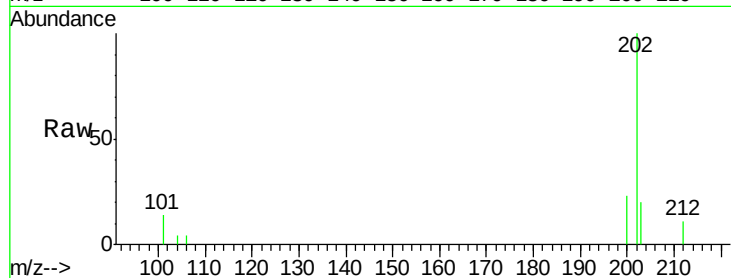
Tgt Ion:202 Resp: 2988

Ion Ratio Lower Upper

202 100

101 14.4 0.0 28.4

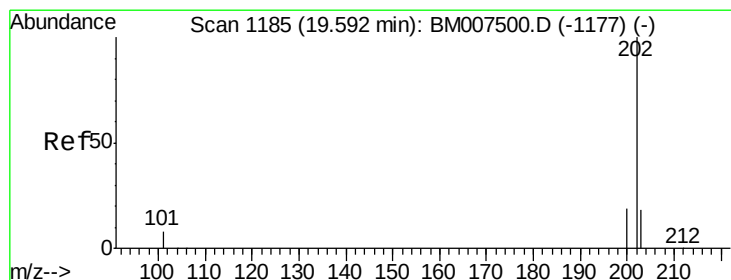
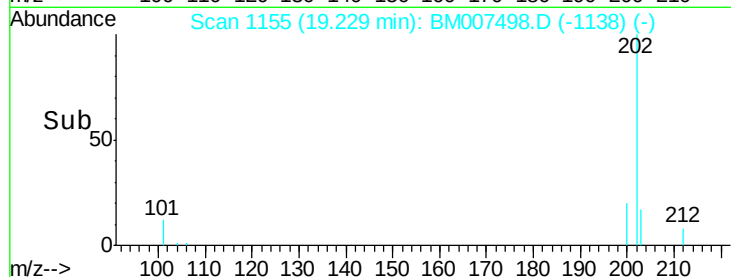
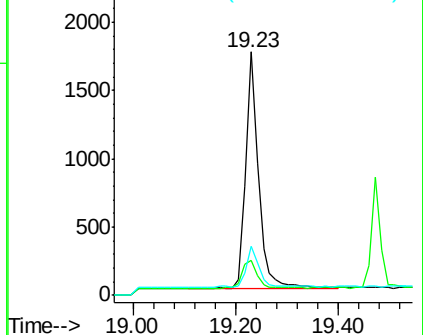
203 20.0 0.0 39.0



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



#17

Pyrene

Concen: 0.10 ng/ul

RT: 19.59 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

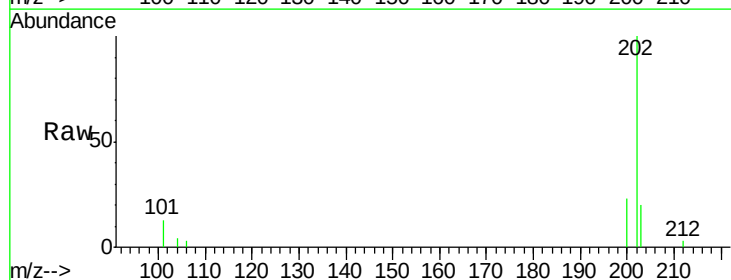
Tgt Ion:202 Resp: 3253

Ion Ratio Lower Upper

202 100

200 22.9 15.9 23.9

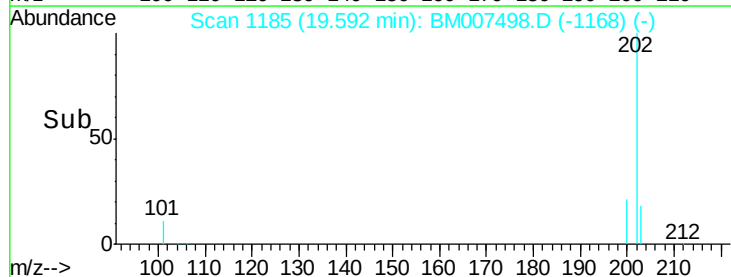
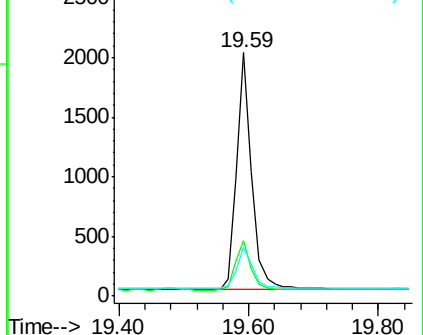
203 20.2 15.0 22.4

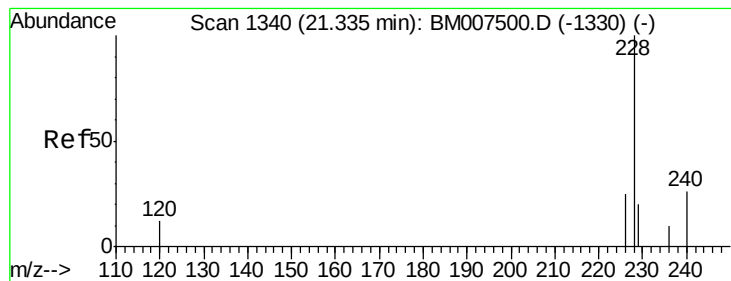


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

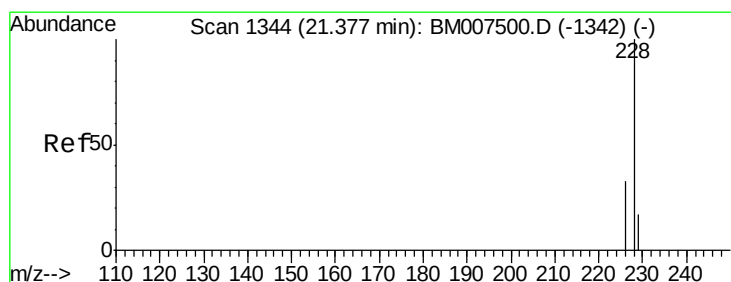
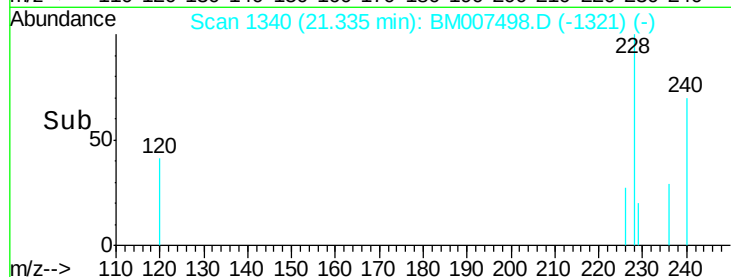
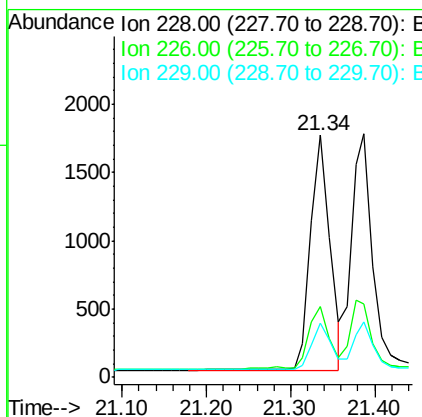
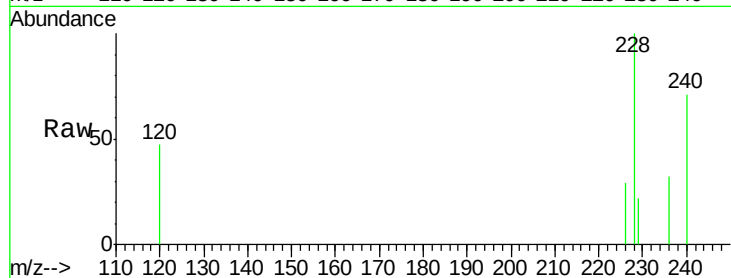




#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM007498.D
Acq: 21 Sep 2016 18:59

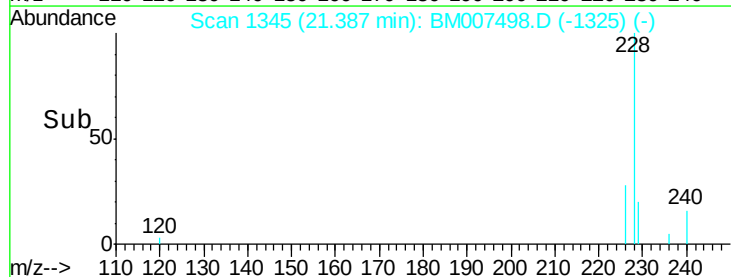
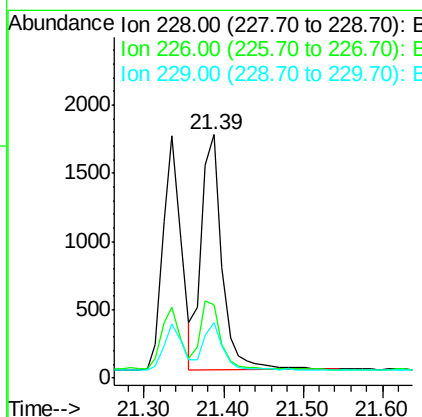
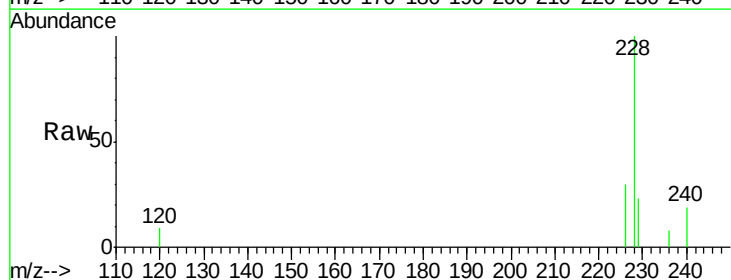
Instrument :
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SSTD0.134

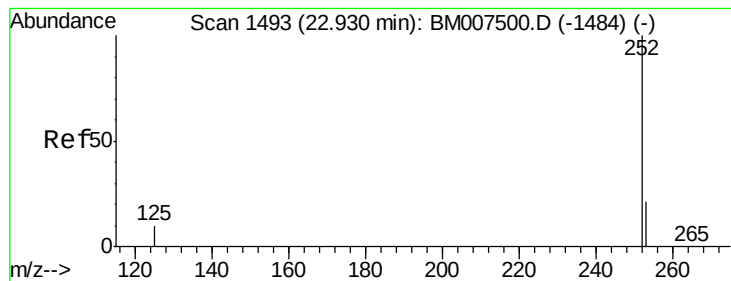
Tgt Ion:228 Resp: 2746
Ion Ratio Lower Upper
228 100
226 29.1 20.2 30.4
229 22.4 16.7 25.1



#19
Chrysene
Concen: 0.11 ng/ul
RT: 21.39 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM007498.D
Acq: 21 Sep 2016 18:59

Tgt Ion:228 Resp: 3115
Ion Ratio Lower Upper
228 100
226 30.2 25.9 38.9
229 22.8 14.7 22.1#





#21

Benzo(b)fluoranthene

Concen: 0.09 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

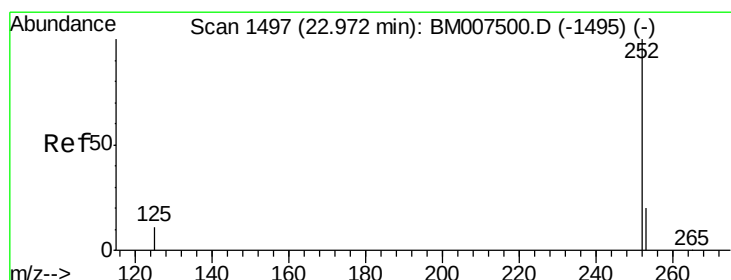
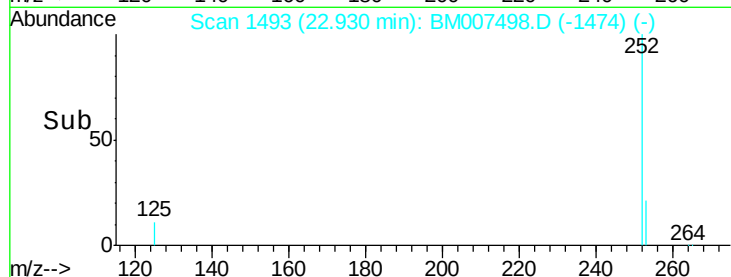
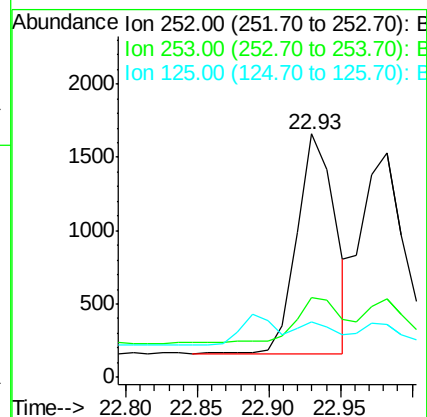
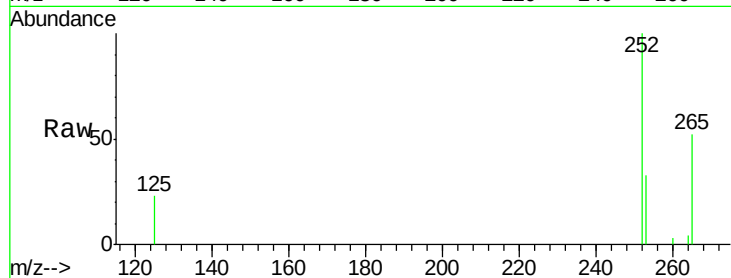
Tgt Ion:252 Resp: 2776

Ion Ratio Lower Upper

252 100

253 32.8 0.0 49.2

125 22.7 0.0 27.2



#22

Benzo(k)fluoranthene

Concen: 0.11 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

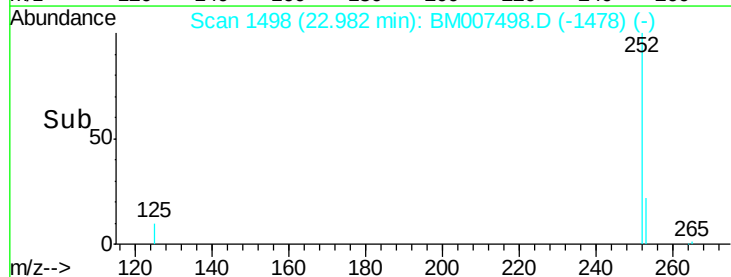
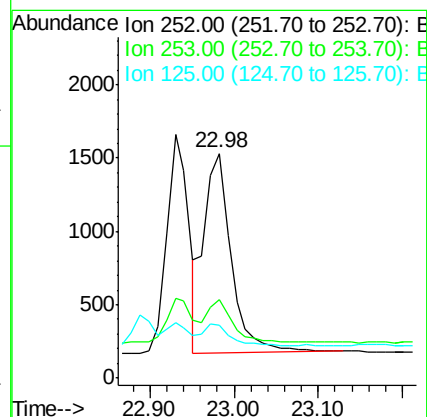
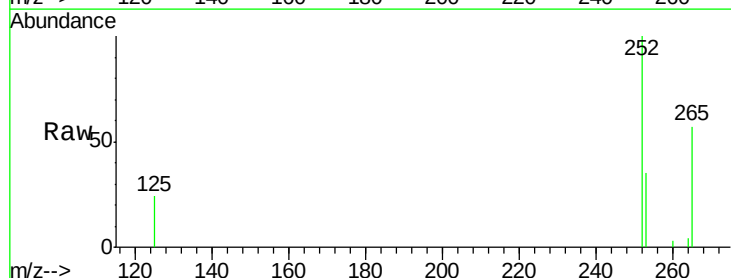
Tgt Ion:252 Resp: 3034

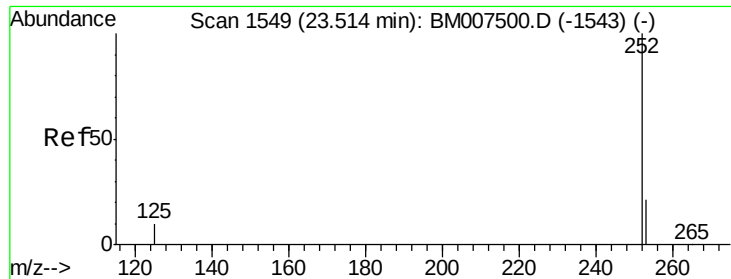
Ion Ratio Lower Upper

252 100

253 35.2 19.7 29.5#

125 23.6 11.5 17.3#





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.52 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

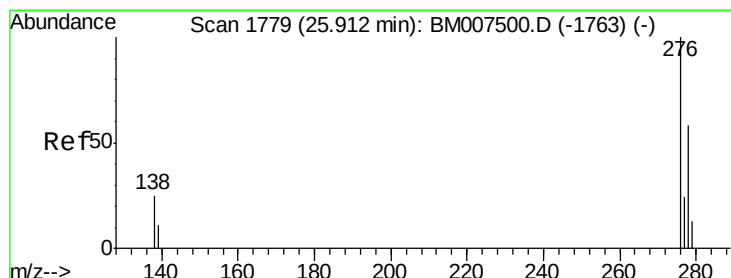
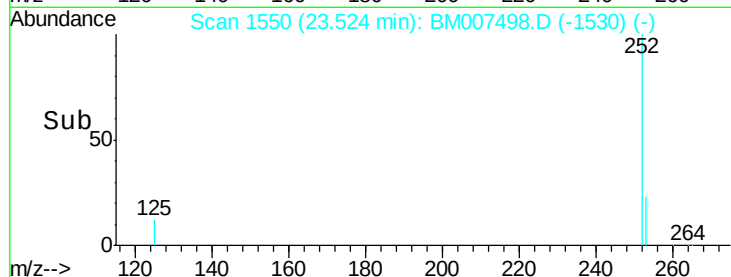
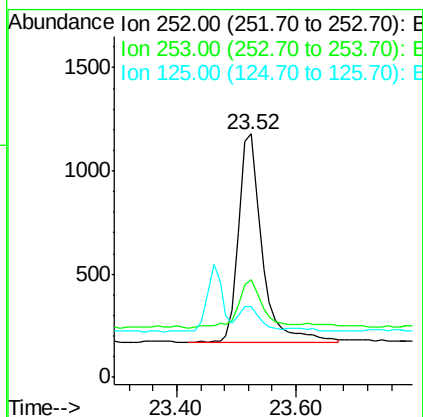
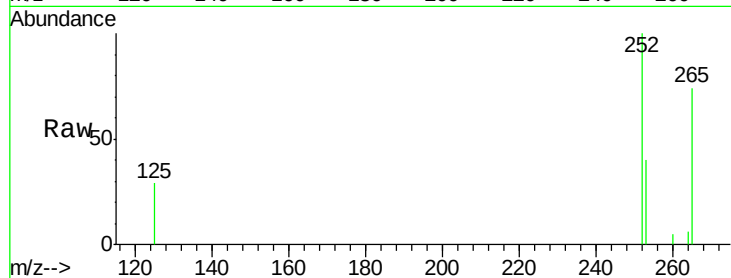
Tgt Ion:252 Resp: 2733

Ion Ratio Lower Upper

252 100

253 40.0 20.6 31.0#

125 29.0 13.4 20.2#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul

RT: 25.92 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

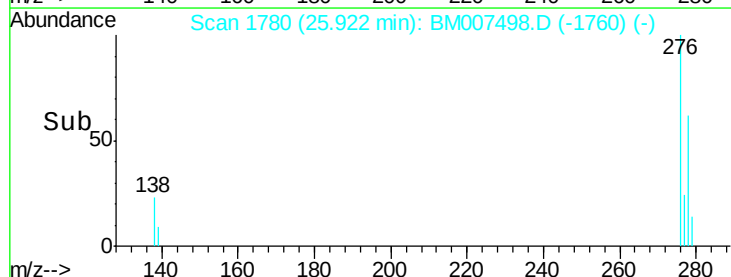
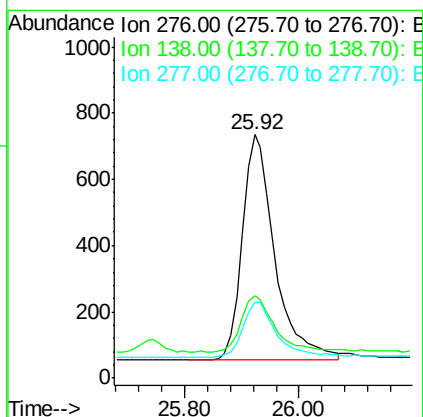
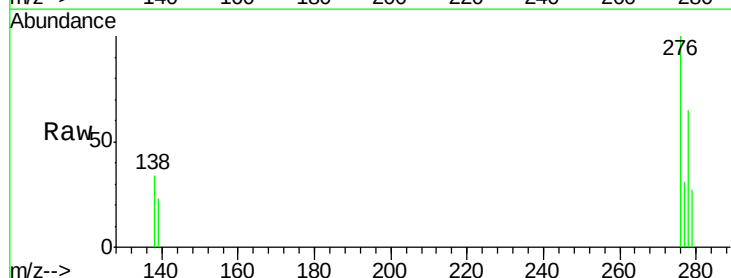
Tgt Ion:276 Resp: 2689

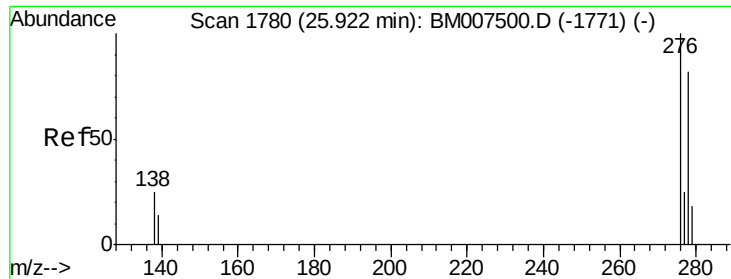
Ion Ratio Lower Upper

276 100

138 24.9 20.8 31.2

277 24.5 19.6 29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.08 ng/ul

RT: 25.93 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.134

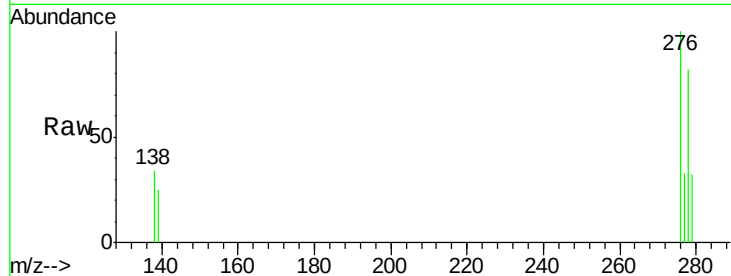
Tgt Ion: 278 Resp: 2064

Ion Ratio Lower Upper

278 100

139 31.1 16.9 25.3#

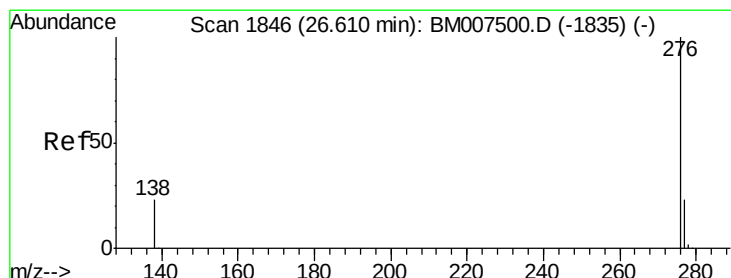
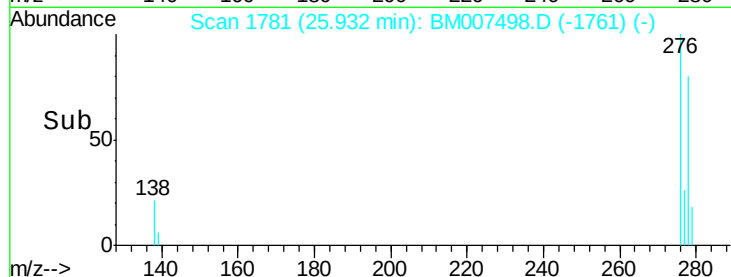
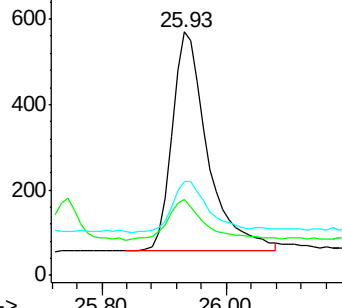
279 38.8 21.3 31.9#



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



#26

Benzo(g,h,i)perylene

Concen: 0.09 ng/ul

RT: 26.62 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BM007498.D

Acq: 21 Sep 2016 18:59

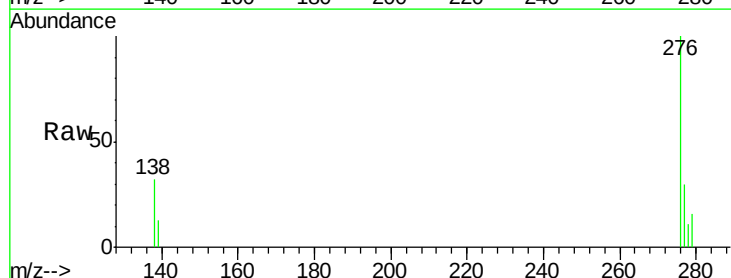
Tgt Ion: 276 Resp: 2479

Ion Ratio Lower Upper

276 100

277 30.4 20.5 30.7

138 32.0 20.3 30.5#



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

