

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092216\
 Data File : BM007505.D
 Acq On : 22 Sep 2016 09:57
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.440

Quant Time: Sep 22 15:57:54 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 01:26:49 2016
 Response via : Initial Calibration

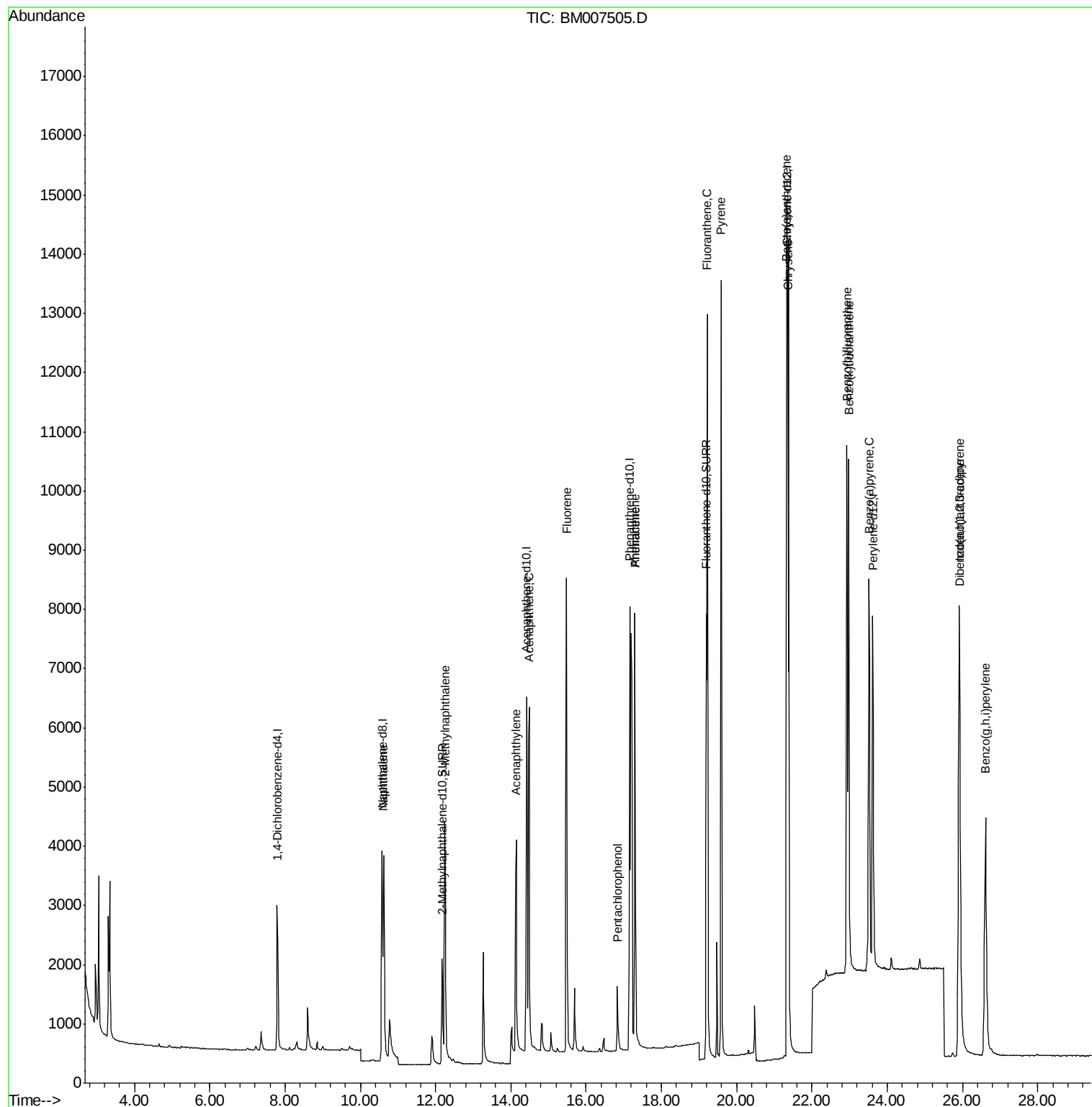
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1696	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	6516	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3934	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	10346	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	10422	0.40	ng/ul	0.00
20) Perylene-d12	23.62	264	9246	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	3003	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	9351	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.62	128	6067	0.40	ng/ul	97
5) 2-Methylnaphthalene	12.25	142	4094	0.40	ng/ul	99
7) Acenaphthylene	14.14	152	6425	0.39	ng/ul	98
8) Acenaphthene	14.49	153	5158	0.40	ng/ul	98
9) Fluorene	15.48	166	6335	0.40	ng/ul	93
11) Pentachlorophenol	16.83	266	1035	0.37	ng/ul	97
12) Phenanthrene	17.30	178	9240	0.33	ng/ul	99
13) Anthracene	17.30	178	9818	0.39	ng/ul	97
15) Fluoranthene	19.22	202	13808	0.39	ng/ul	91
17) Pyrene	19.58	202	14862	0.43	ng/ul	94
18) Benzo(a)anthracene	21.33	228	12608	0.41	ng/ul	94
19) Chrysene	21.38	228	13329	0.41	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	13232	0.43	ng/ul	99
22) Benzo(k)fluoranthene	22.97	252	12301	0.39	ng/ul	100
23) Benzo(a)pyrene	23.51	252	11585	0.40	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.91	276	11562	0.39	ng/ul	99
25) Dibenzo(a,h)anthracene	25.92	278	8746	0.39	ng/ul	100
26) Benzo(g,h,i)perylene	26.61	276	10501	0.40	ng/ul	100

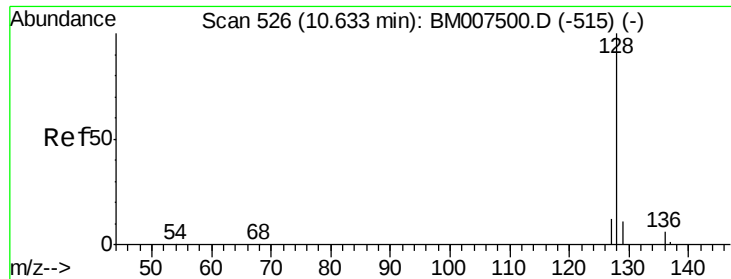
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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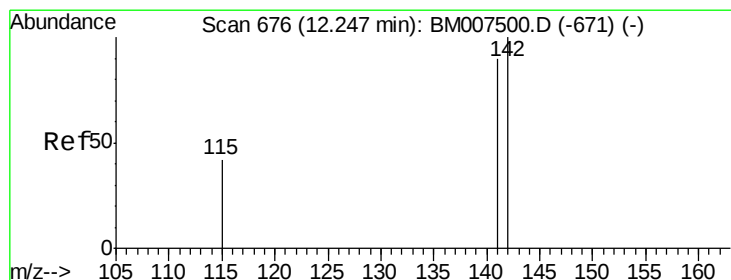
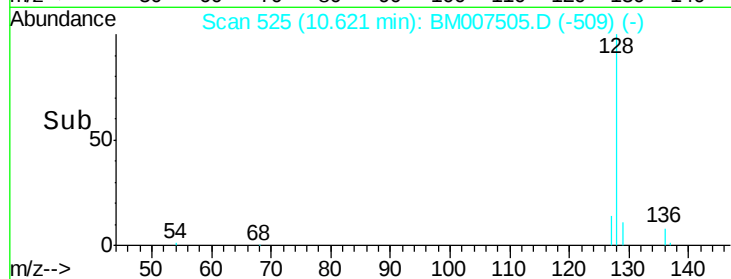
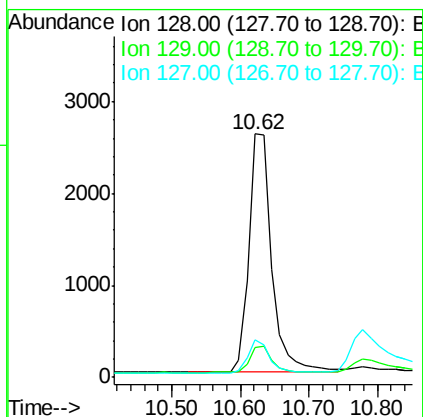
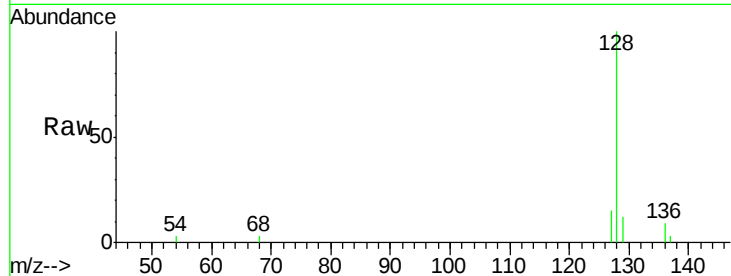




#3
Naphthalene
Concen: 0.40 ng/ul
RT: 10.62 min Scan# 525
Delta R.T. -0.01 min
Lab File: BM007505.D
Acq: 22 Sep 2016 09:57

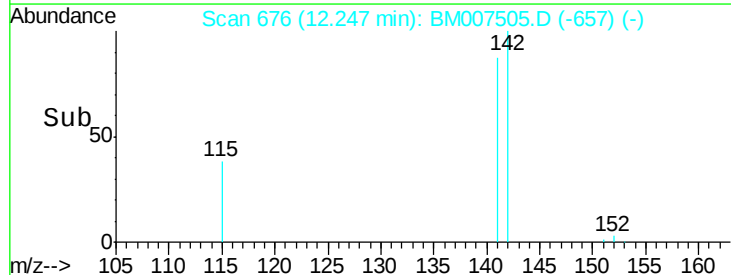
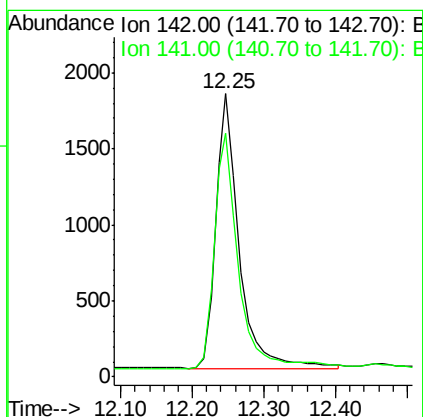
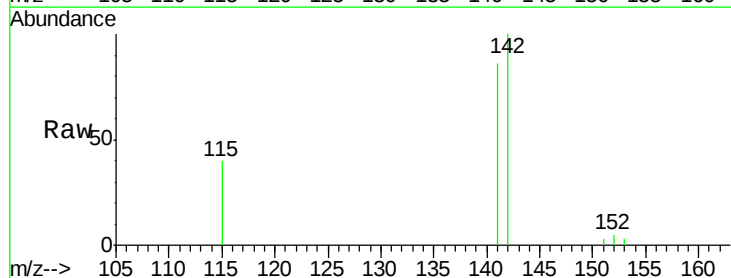
Instrument :
BNA_M
ClientSampleId :
SSTD0.440

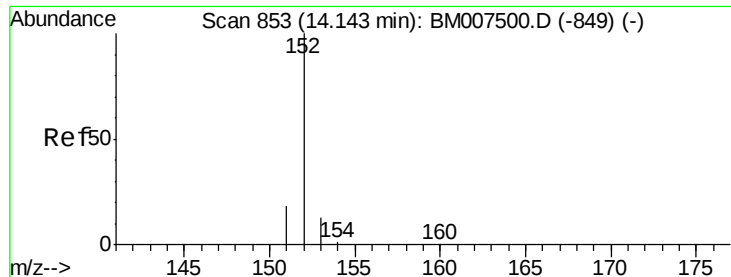
Tgt Ion:128 Resp: 6067
Ion Ratio Lower Upper
128 100
129 12.3 10.7 16.1
127 15.4 11.3 16.9



#5
2-Methylnaphthalene
Concen: 0.40 ng/ul
RT: 12.25 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM007505.D
Acq: 22 Sep 2016 09:57

Tgt Ion:142 Resp: 4094
Ion Ratio Lower Upper
142 100
141 89.9 72.5 108.7





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.440

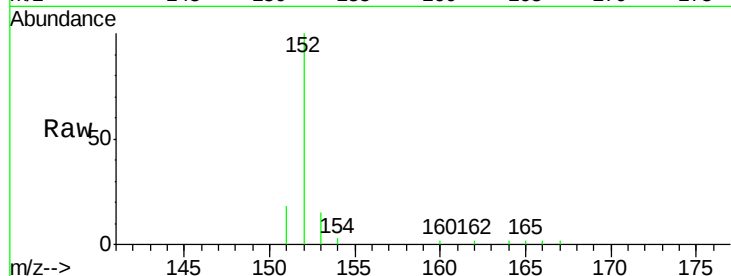
Tgt Ion:152 Resp: 6425

Ion Ratio Lower Upper

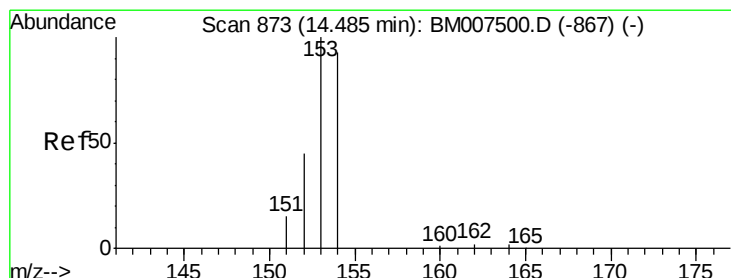
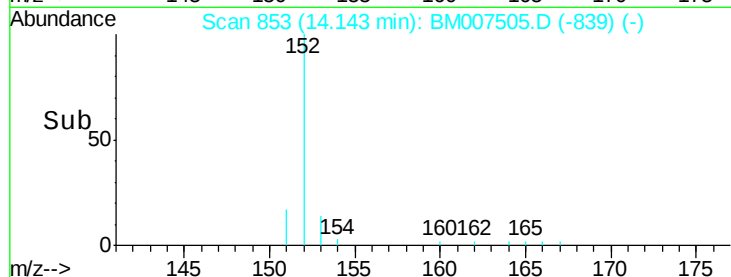
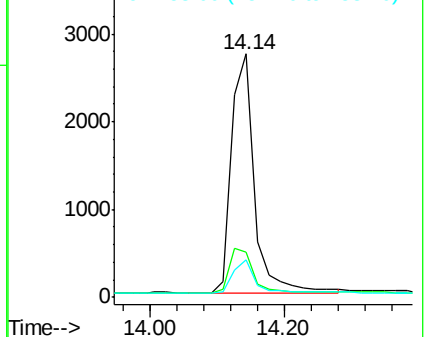
152 100

151 18.4 15.8 23.8

153 15.4 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



#8

Acenaphthene

Concen: 0.40 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

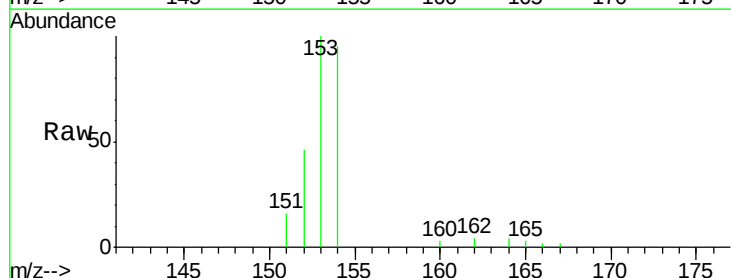
Tgt Ion:153 Resp: 5158

Ion Ratio Lower Upper

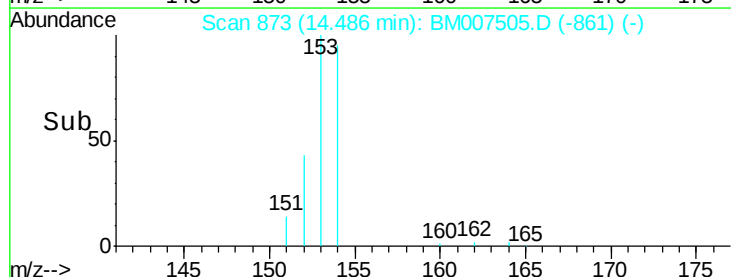
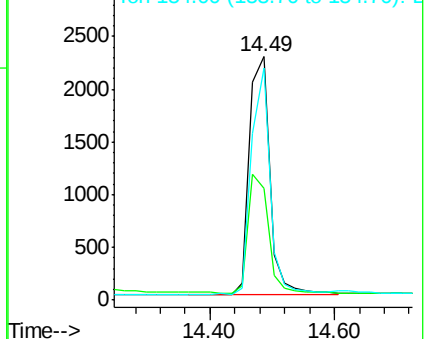
153 100

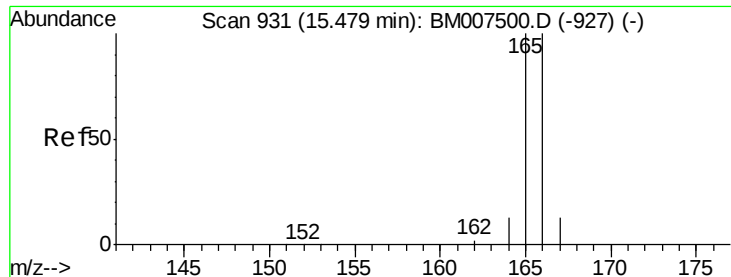
152 45.9 37.6 56.4

154 95.3 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





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.48 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.440

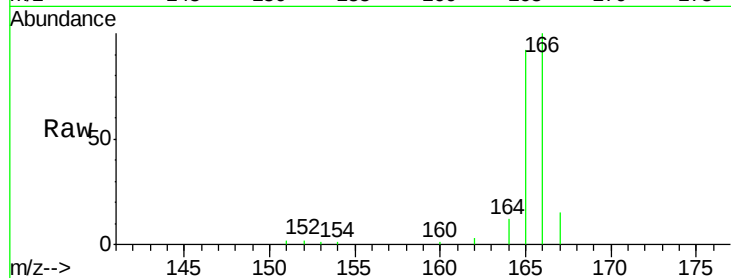
Tgt Ion:166 Resp: 6335

Ion Ratio Lower Upper

166 100

165 92.4 79.8 119.8

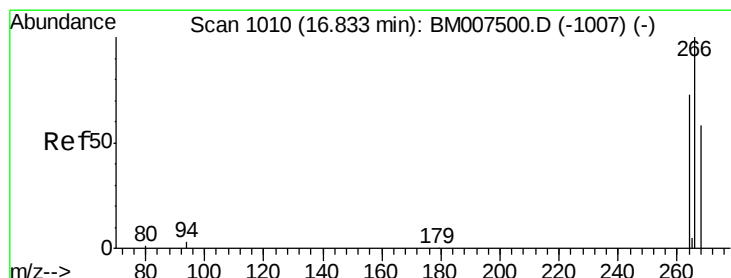
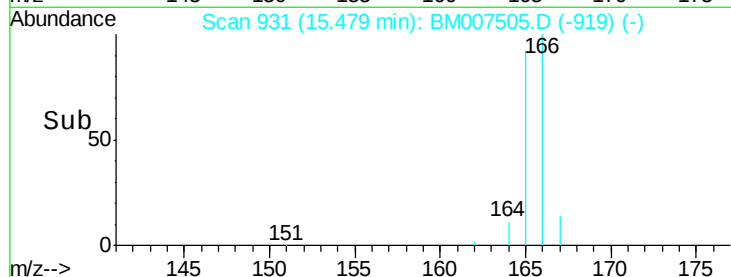
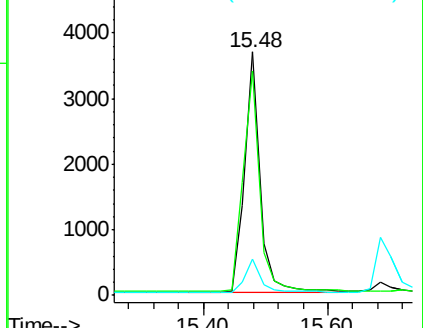
167 14.7 11.5 17.3



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



#11

Pentachlorophenol

Concen: 0.37 ng/ul

RT: 16.83 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

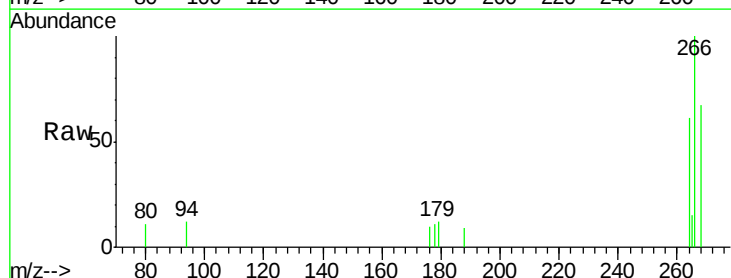
Tgt Ion:266 Resp: 1035

Ion Ratio Lower Upper

266 100

264 62.2 51.4 77.2

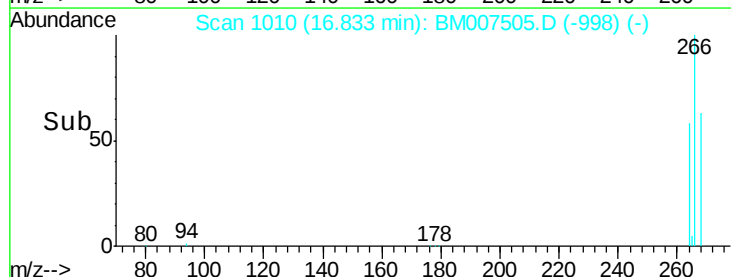
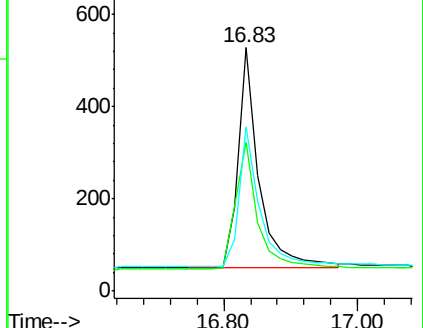
268 63.6 52.9 79.3

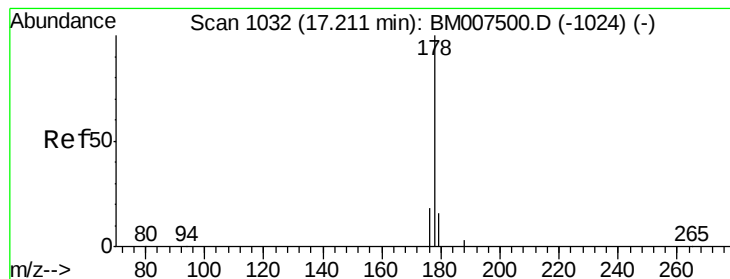


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.33 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.09 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.440

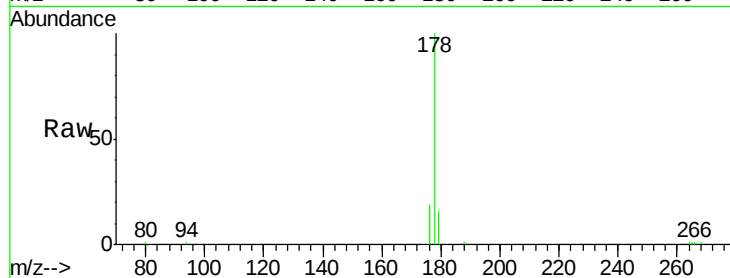
Tgt Ion:178 Resp: 9240

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

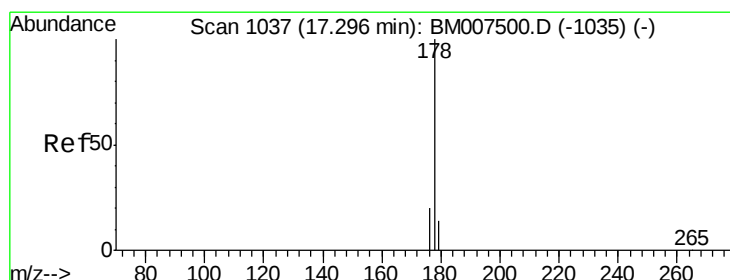
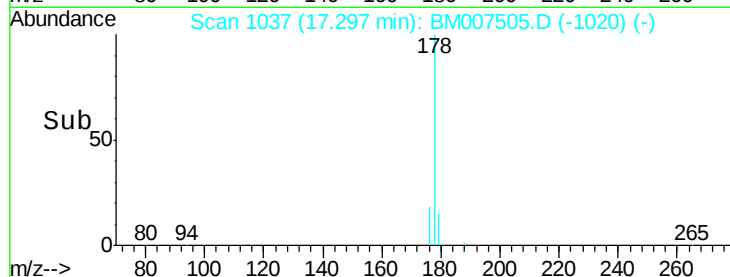
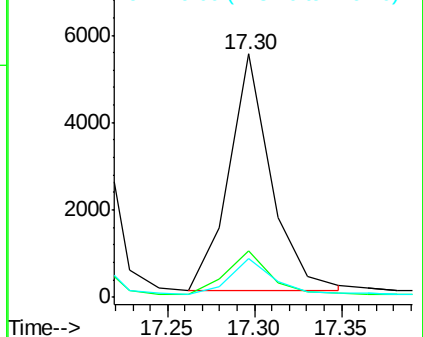
179 16.1 13.7 20.5



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: 0.39 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

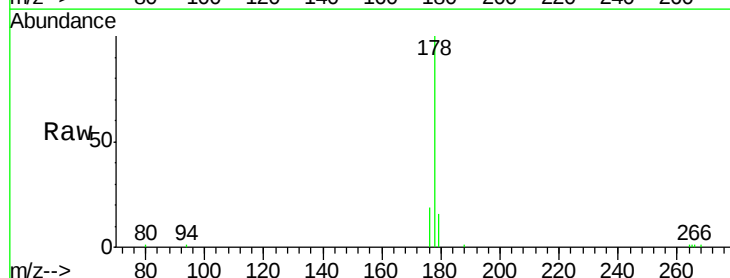
Tgt Ion:178 Resp: 9818

Ion Ratio Lower Upper

178 100

176 18.9 16.6 24.8

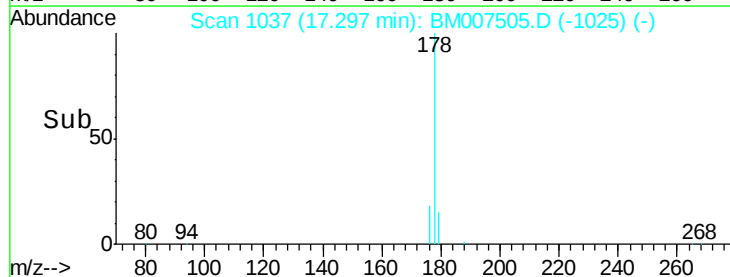
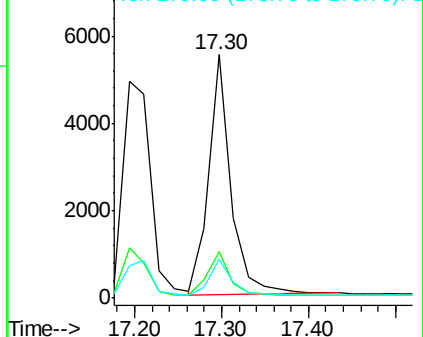
179 16.1 12.5 18.7

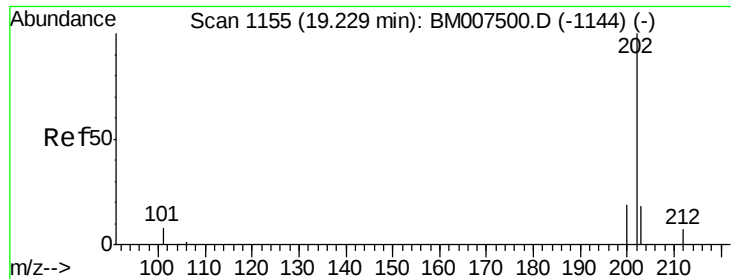


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.39 ng/ul

RT: 19.22 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

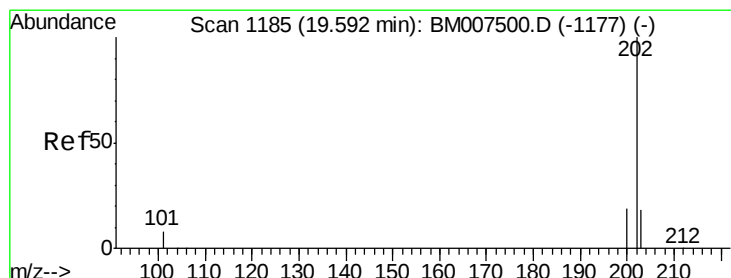
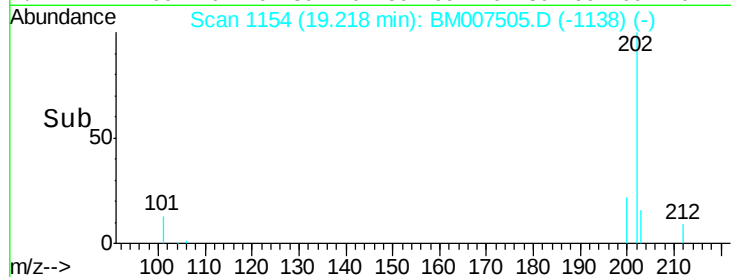
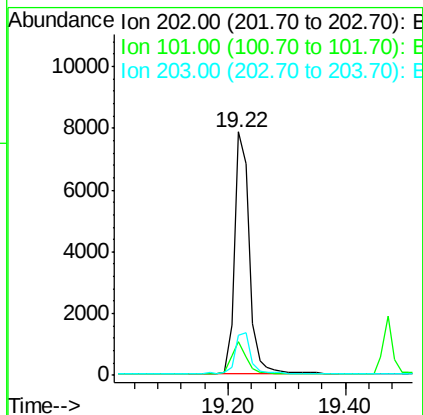
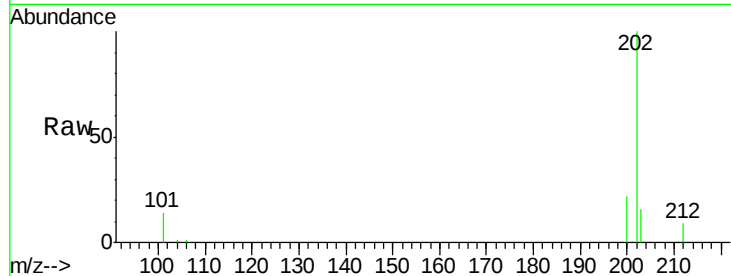
Instrument :

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Tgt Ion:	202	Resp:	13808
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	28.4
203	16.4	0.0	39.0



#17

Pyrene

Concen: 0.43 ng/ul

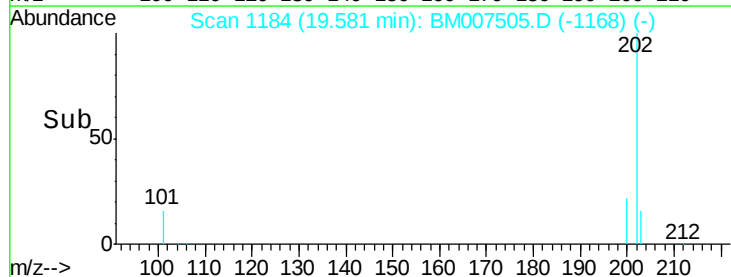
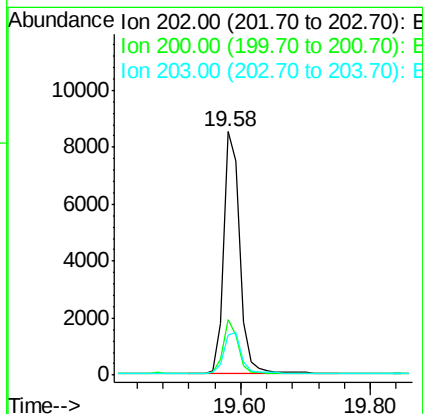
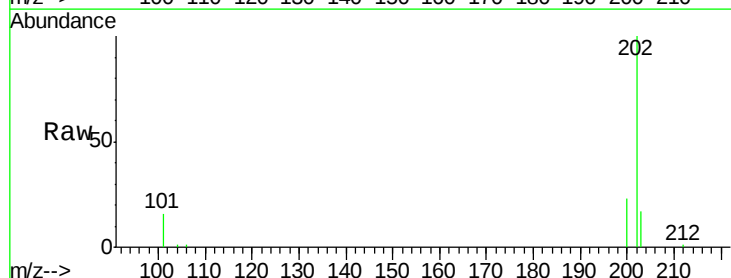
RT: 19.58 min Scan# 1184

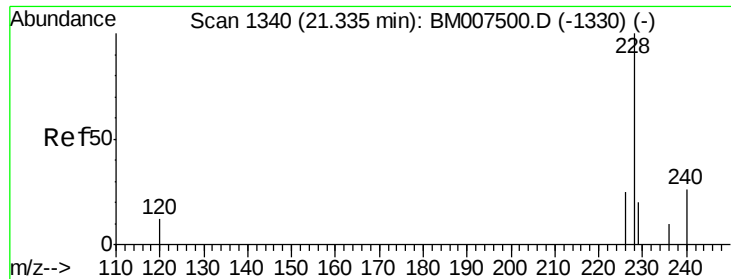
Delta R.T. -0.01 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Tgt Ion:	202	Resp:	14862
Ion	Ratio	Lower	Upper
202	100		
200	22.9	15.9	23.9
203	16.7	15.0	22.4





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.33 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.440

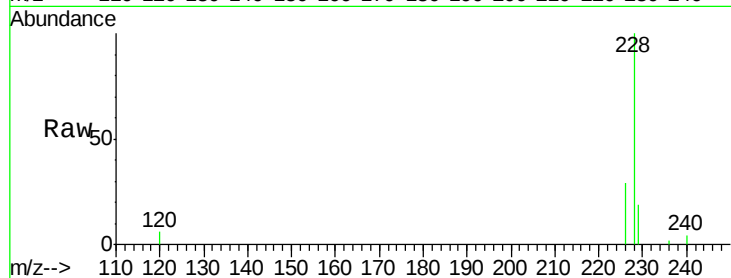
Tgt Ion:228 Resp: 12608

Ion Ratio Lower Upper

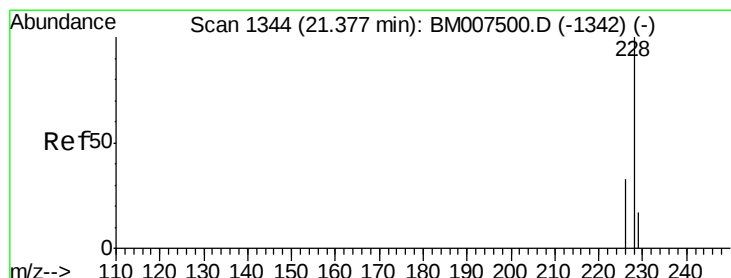
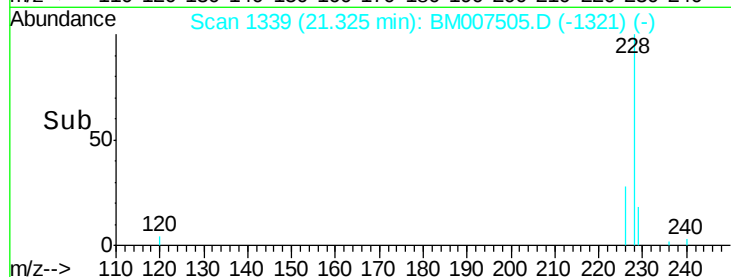
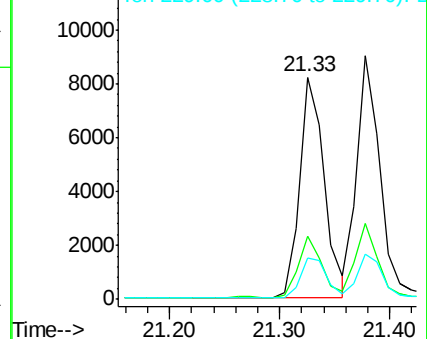
228 100

226 28.7 20.2 30.4

229 18.5 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



#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

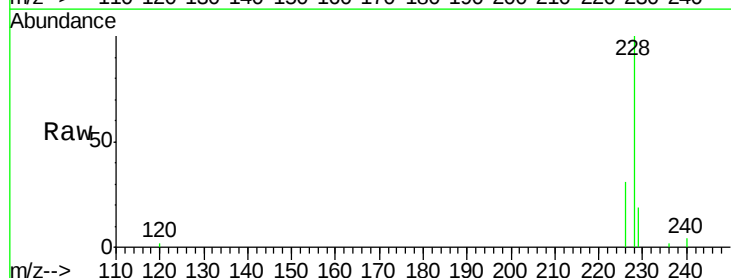
Tgt Ion:228 Resp: 13329

Ion Ratio Lower Upper

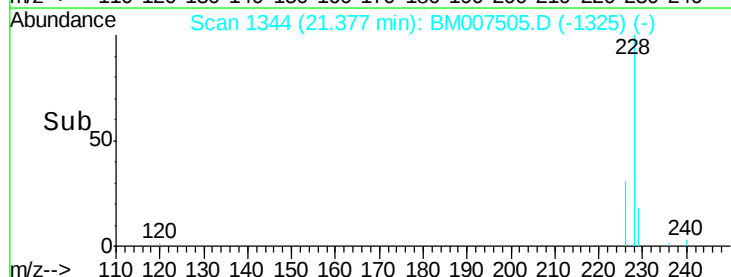
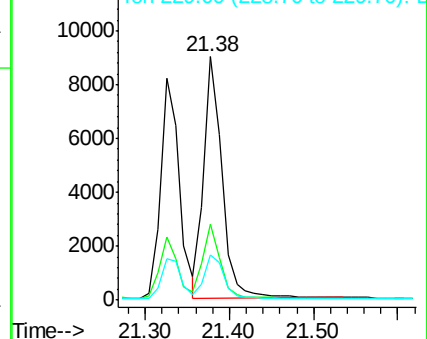
228 100

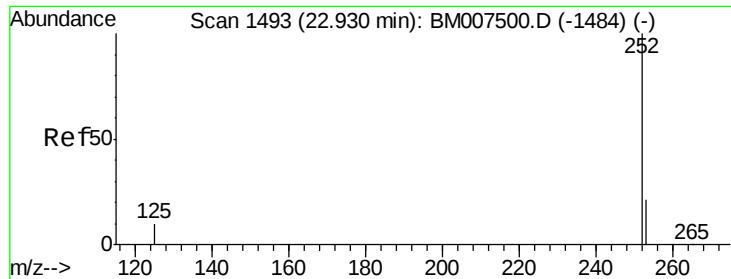
226 31.3 25.9 38.9

229 18.6 14.7 22.1



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

Benzo(b)fluoranthene

Concen: 0.43 ng/u1

RT: 22.93 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Instrument :

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SSTD0.440

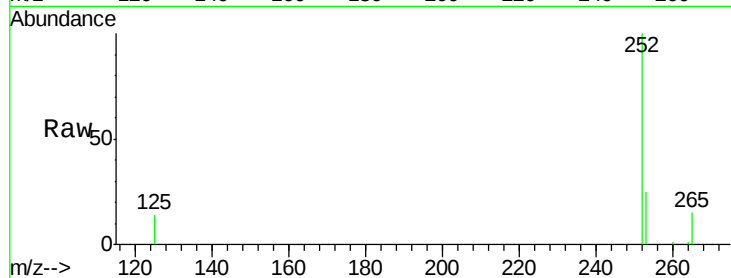
Tgt Ion:252 Resp: 13232

Ion Ratio Lower Upper

252 100

253 25.1 0.0 49.2

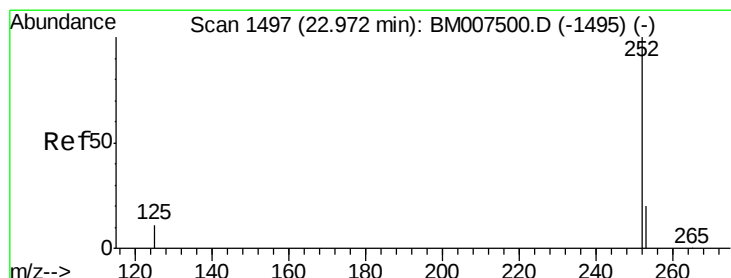
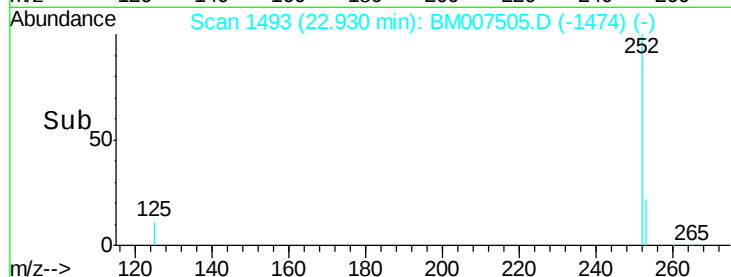
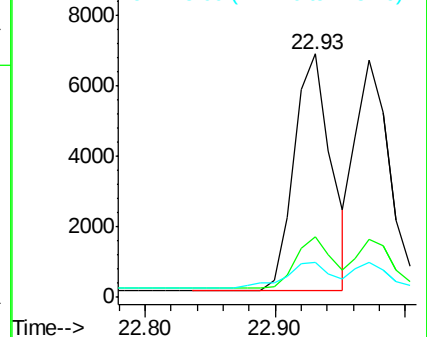
125 14.2 0.0 27.2



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: 0.39 ng/u1

RT: 22.97 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

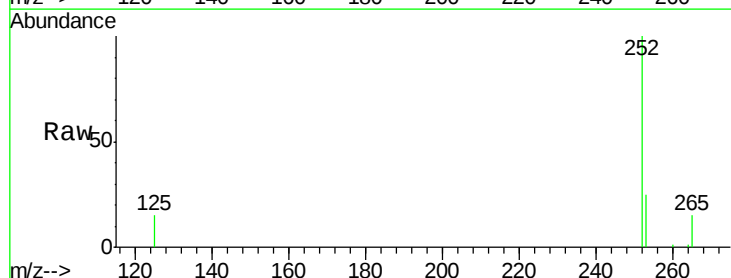
Tgt Ion:252 Resp: 12301

Ion Ratio Lower Upper

252 100

253 24.5 19.7 29.5

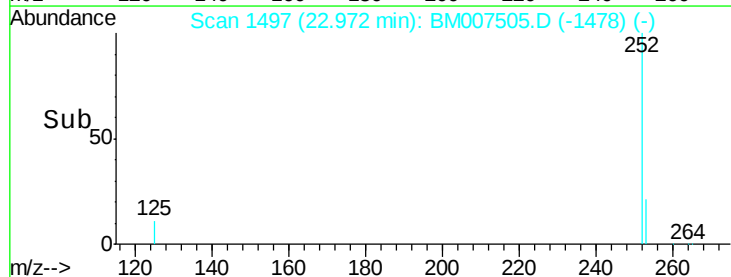
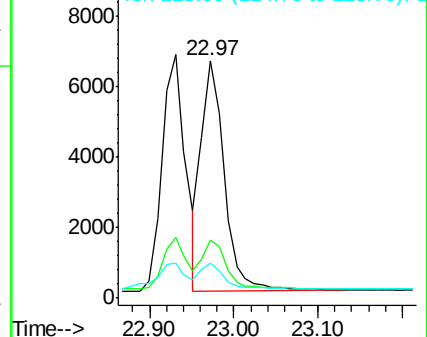
125 14.8 11.5 17.3

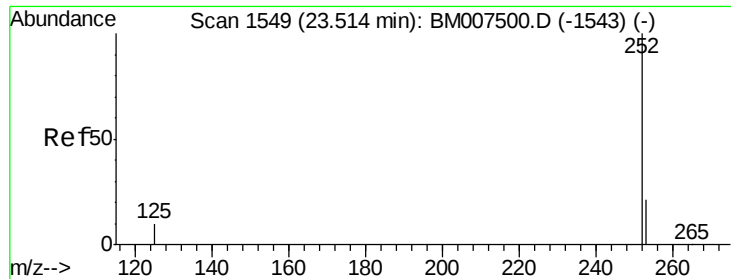


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.51 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.440

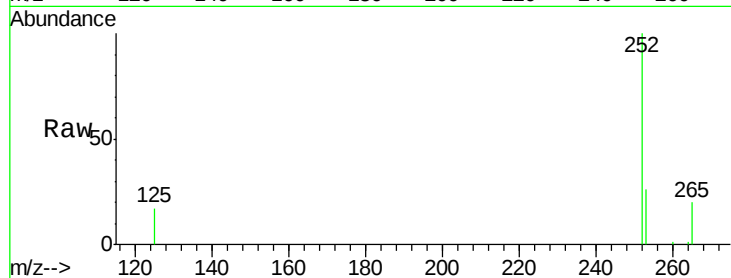
Tgt Ion:252 Resp: 11585

Ion Ratio Lower Upper

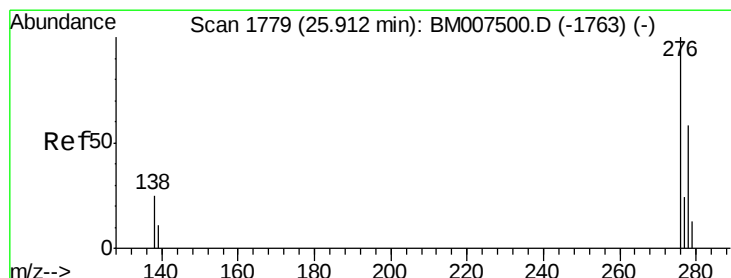
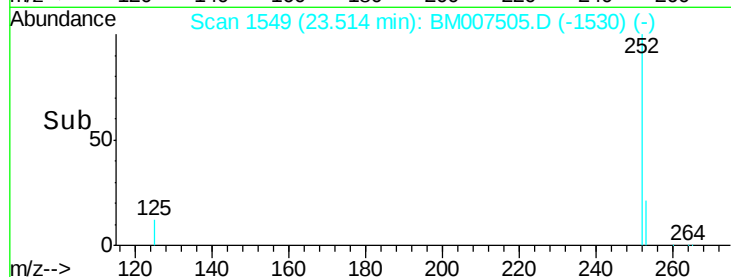
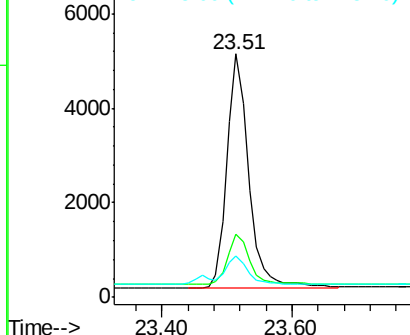
252 100

253 25.7 20.6 31.0

125 16.9 13.4 20.2



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng/ul

RT: 25.91 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BM007505.D

Acq: 22 Sep 2016 09:57

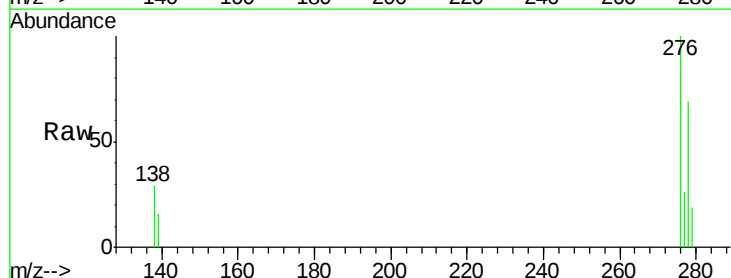
Tgt Ion:276 Resp: 11562

Ion Ratio Lower Upper

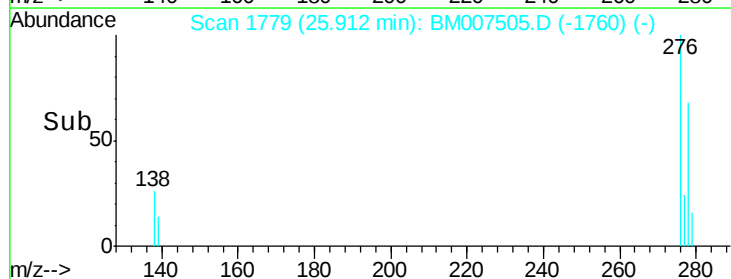
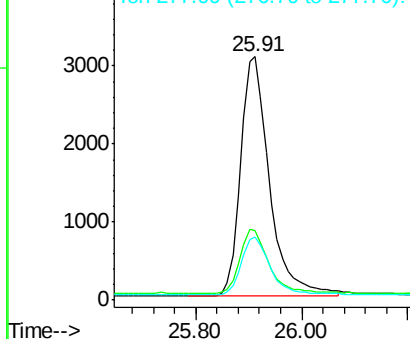
276 100

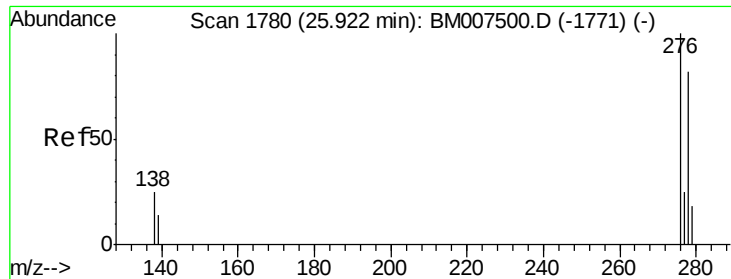
138 26.9 20.8 31.2

277 24.4 19.6 29.4



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



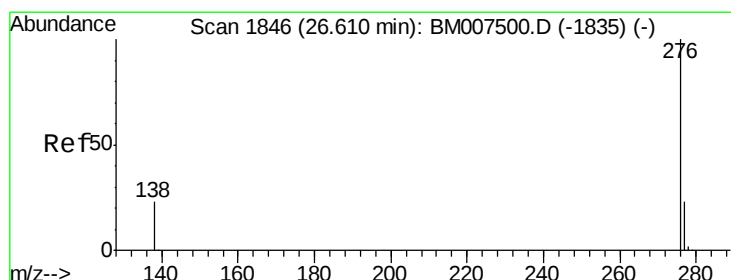
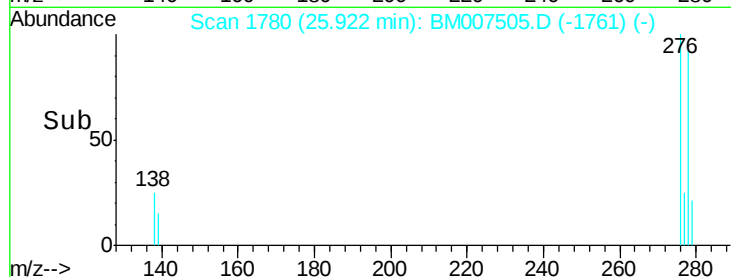
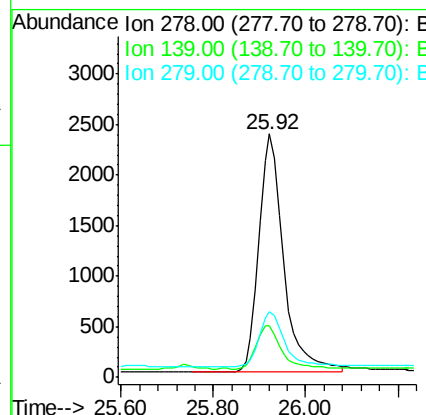
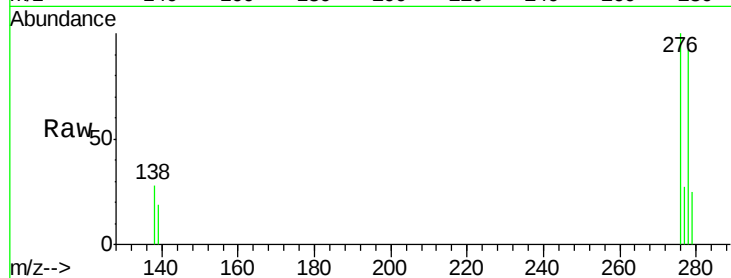


#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 25.92 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BM007505.D
Acq: 22 Sep 2016 09:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.440

Tgt Ion: 278 Resp: 8746

Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.9	25.3
279	27.0	21.3	31.9



#26
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.61 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM007505.D
Acq: 22 Sep 2016 09:57

Tgt Ion: 276 Resp: 10501

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.5	30.7
138	25.2	20.3	30.5

