

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
 Data File : BM007937.D
 Acq On : 17 Nov 2016 00:33
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.466

Quant Time: Nov 17 04:45:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 04:42:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	833	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.52	136	2644	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1352	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	2599	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	2439	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2370	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.13	152	1328	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2727	0.46	ng/ul	0.00

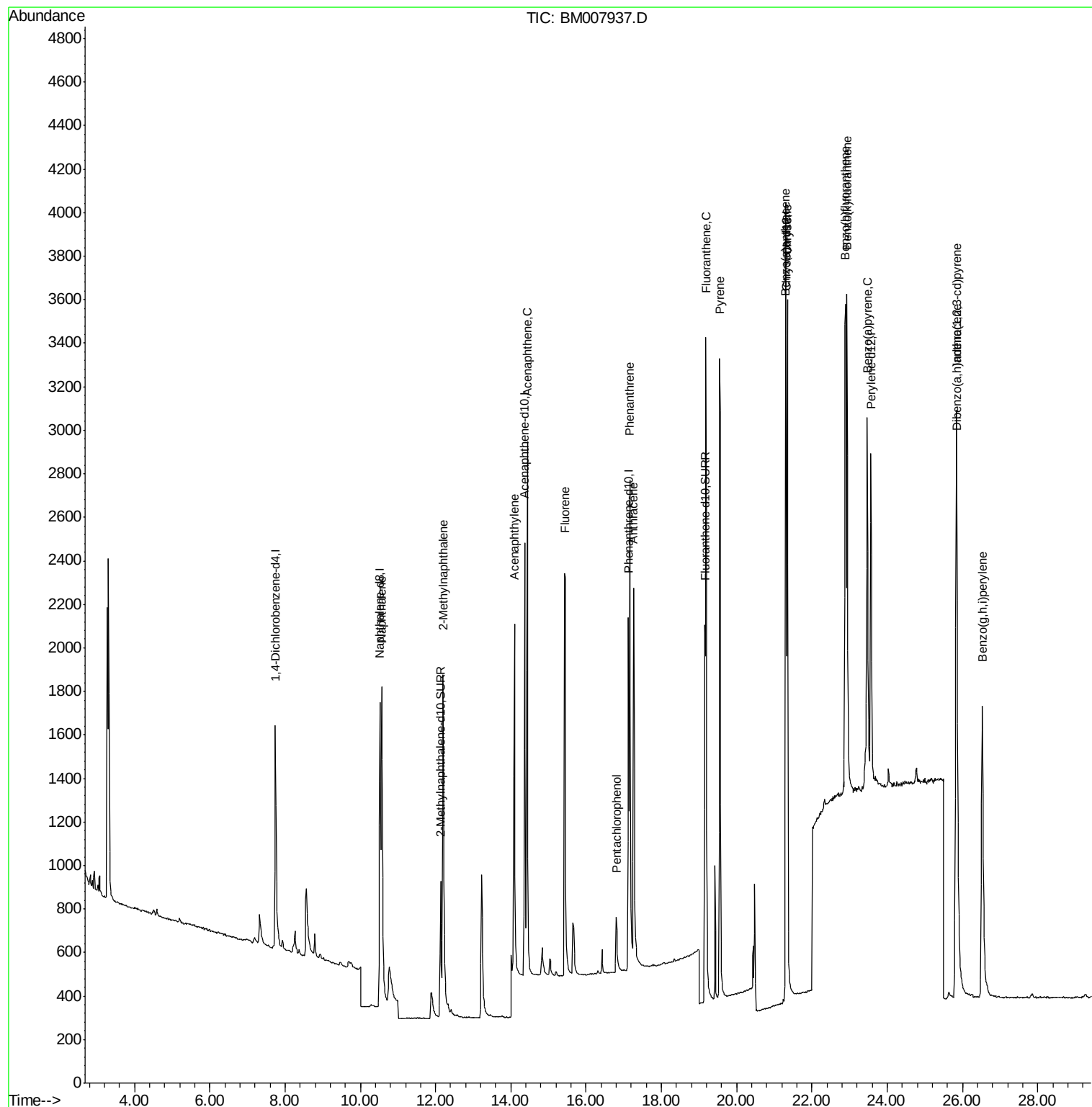
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	2828	0.42	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	1797	0.42	ng/ul	98
7) Acenaphthylene	14.09	152	2539	0.40	ng/ul	99
8) Acenaphthene	14.43	153	1850	0.38	ng/ul	98
9) Fluorene	15.44	166	2051	0.38	ng/ul	99
11) Pentachlorophenol	16.80	266	304	0.50	ng/ul	92
12) Phenanthrene	17.16	178	3027	0.42	ng/ul	100
13) Anthracene	17.26	178	2852	0.43	ng/ul	99
15) Fluoranthene	19.18	202	3752	0.43	ng/ul	97
17) Pyrene	19.54	202	3782	0.45	ng/ul	96
18) Benzo(a)anthracene	21.29	228	3260	0.47	ng/ul	96
19) Chrysene	21.35	228	3380	0.43	ng/ul	95
21) Benzo(b)fluoranthene	22.89	252	3724	0.46	ng/ul	98
22) Benzo(k)fluoranthene	22.93	252	3453	0.41	ng/ul	97
23) Benzo(a)pyrene	23.46	252	3417	0.45	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.84	276	4178	0.46	ng/ul	96
25) Dibenzo(a,h)anthracene	25.85	278	3272	0.44	ng/ul	96
26) Benzo(g,h,i)perylene	26.53	276	3673	0.45	ng/ul	96

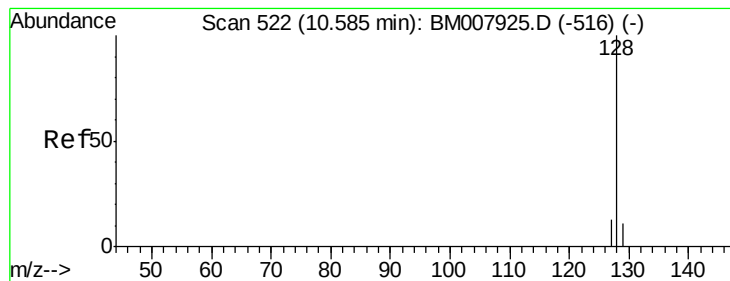
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.42 ng/ul

RT: 10.57 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.466

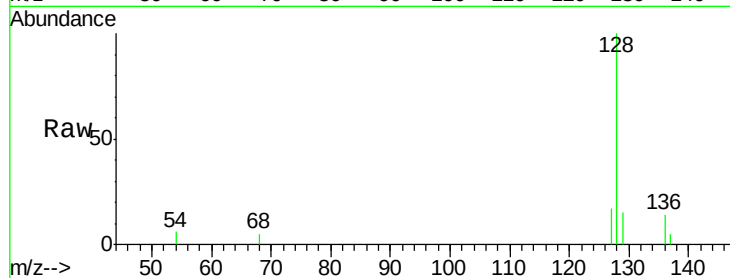
Tgt Ion:128 Resp: 2828

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

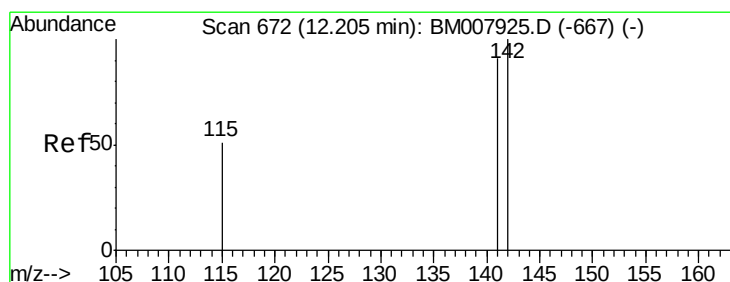
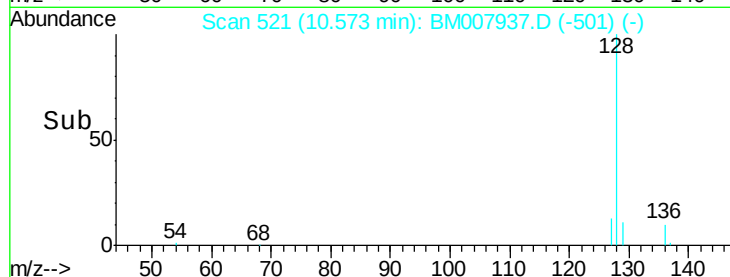
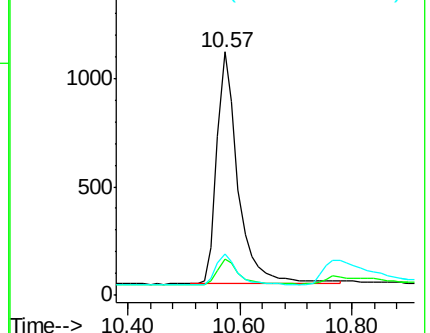
127 17.1 12.8 19.2



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: 0.42 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM007937.D

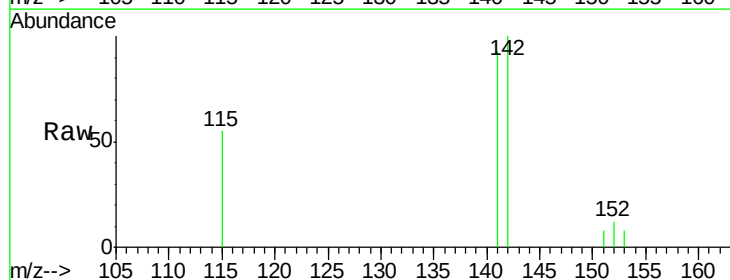
Acq: 17 Nov 2016 00:33

Tgt Ion:142 Resp: 1797

Ion Ratio Lower Upper

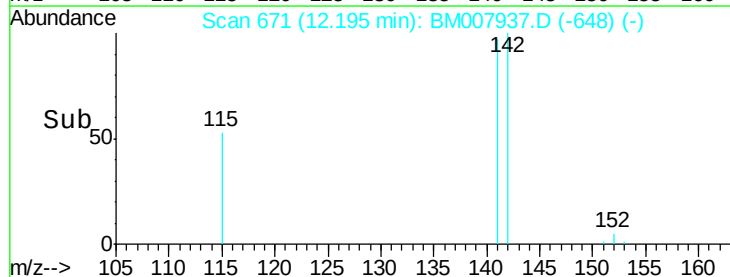
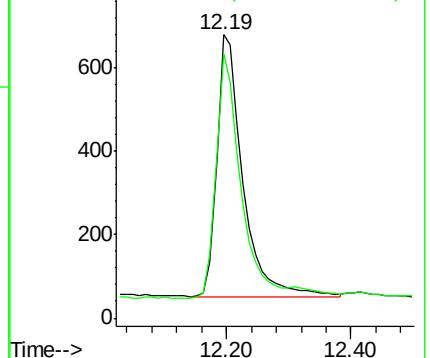
142 100

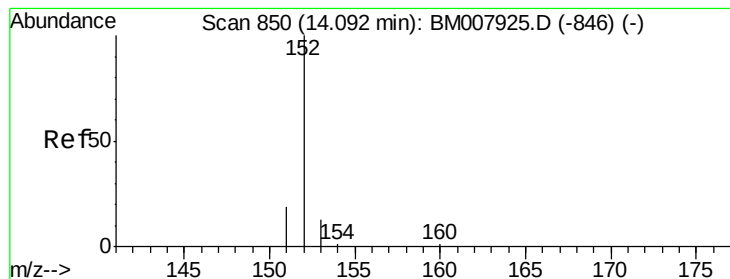
141 92.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.466

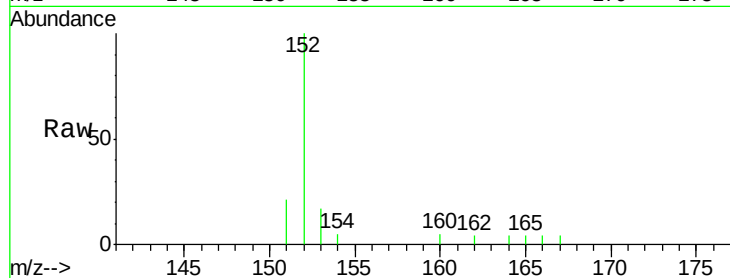
Tgt Ion:152 Resp: 2539

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

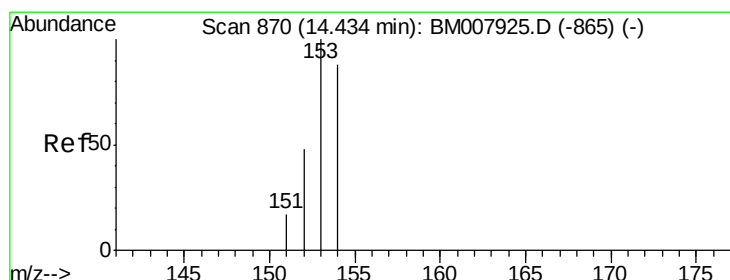
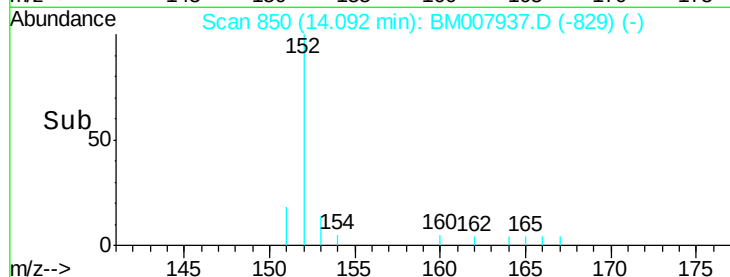
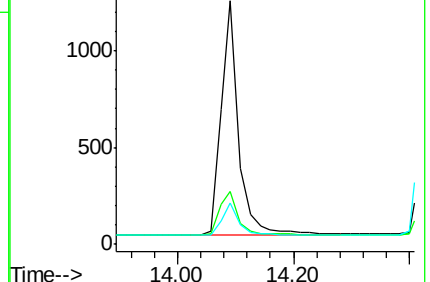
153 17.0 12.8 19.2



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: 0.38 ng/ul

RT: 14.43 min Scan# 870

Delta R.T. 0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

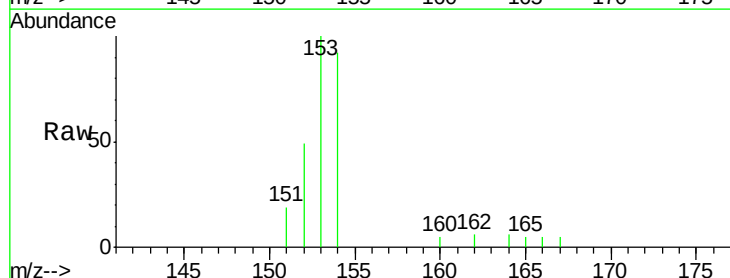
Tgt Ion:153 Resp: 1850

Ion Ratio Lower Upper

153 100

152 49.3 40.3 60.5

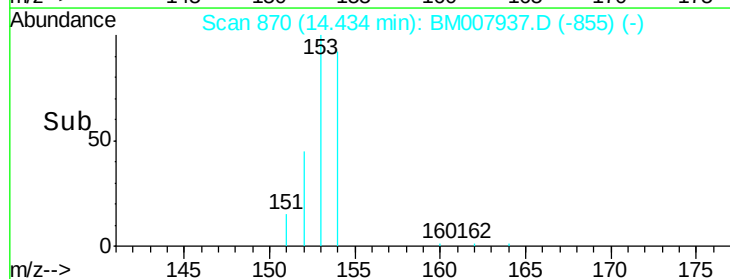
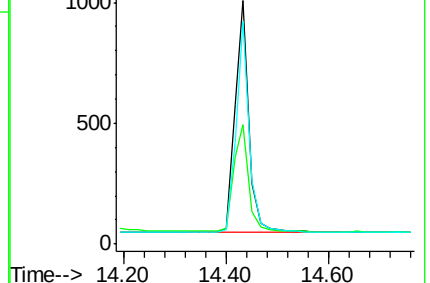
154 91.9 71.4 107.2

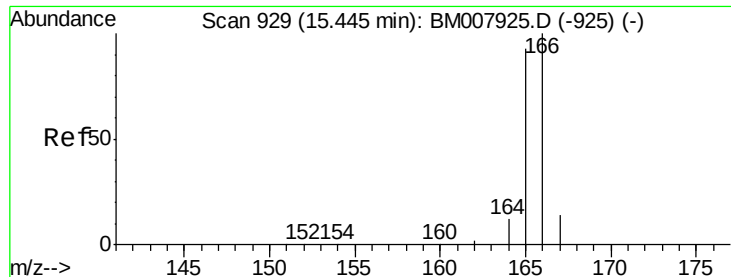


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

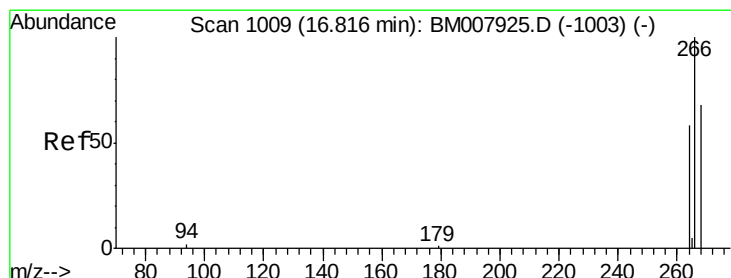
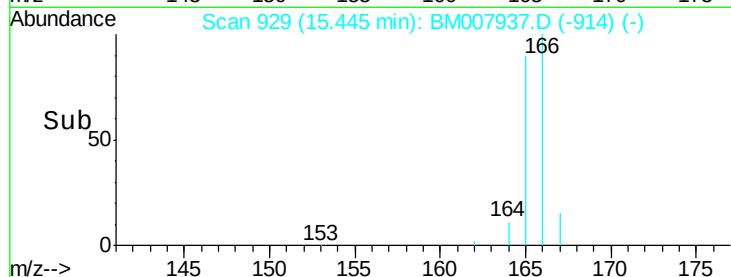
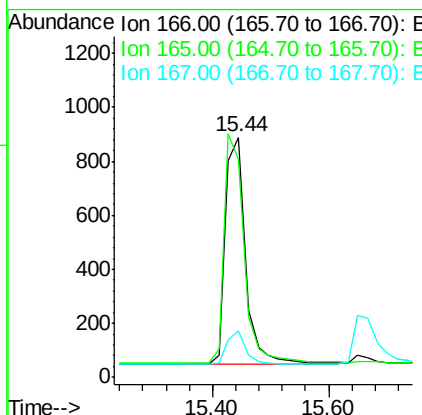
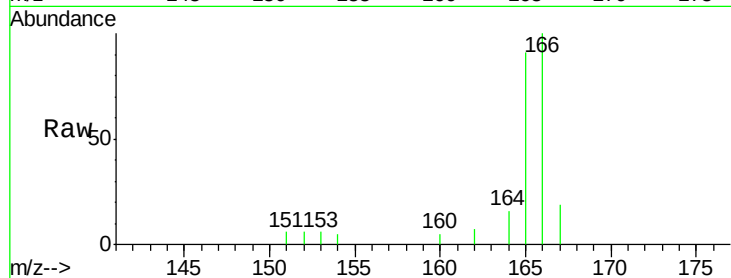




#9
Fluorene
 Concen: 0.38 ng/ul
 RT: 15.44 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM007937.D
 Acq: 17 Nov 2016 00:33

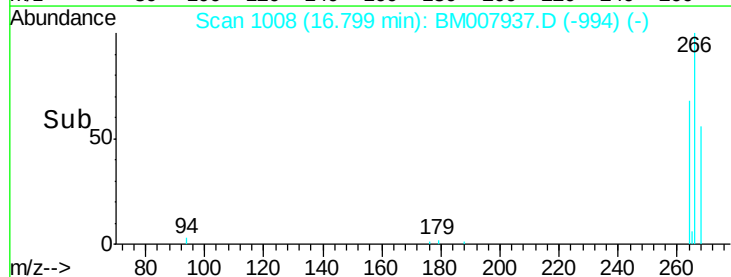
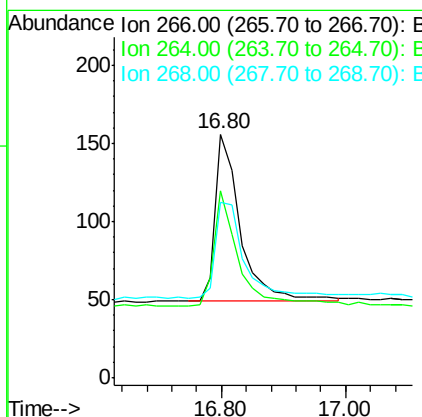
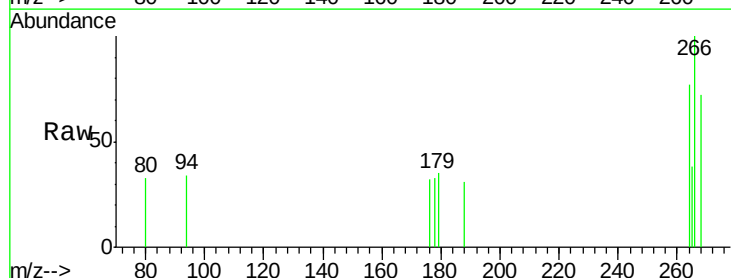
Instrument :
 BNA_M
 ClientSampleId :
 SST0.466

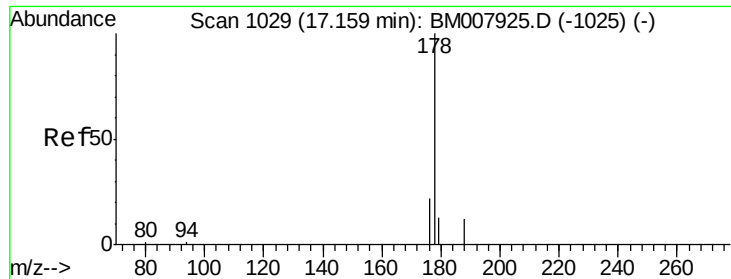
Tgt Ion:166 Resp: 2051
 Ion Ratio Lower Upper
 166 100
 165 90.9 73.4 110.2
 167 19.4 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.50 ng/ul
 RT: 16.80 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BM007937.D
 Acq: 17 Nov 2016 00:33

Tgt Ion:266 Resp: 304
 Ion Ratio Lower Upper
 266 100
 264 67.4 47.9 71.9
 268 66.8 49.8 74.8





#12

Phenanthrene

Concen: 0.42 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.466

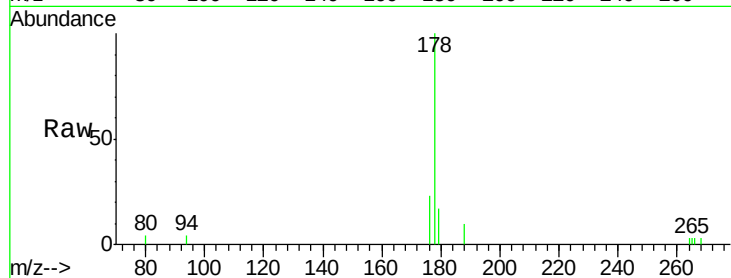
Tgt Ion:178 Resp: 3027

Ion Ratio Lower Upper

178 100

176 23.0 18.4 27.6

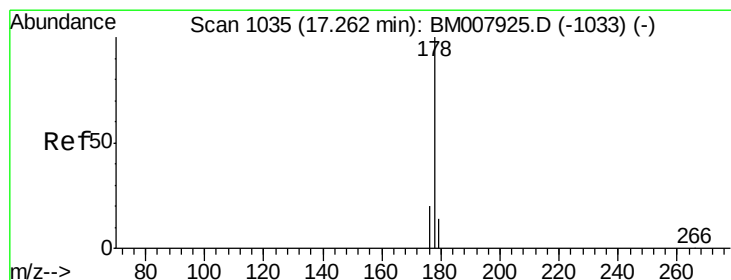
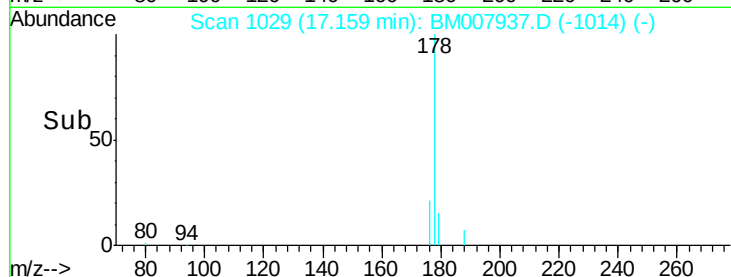
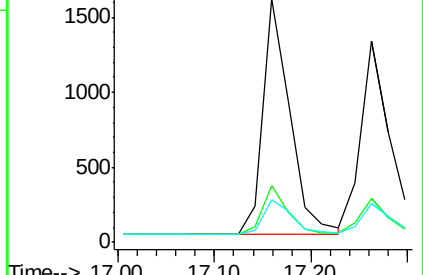
179 17.4 13.6 20.4



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: 0.43 ng/ul

RT: 17.26 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

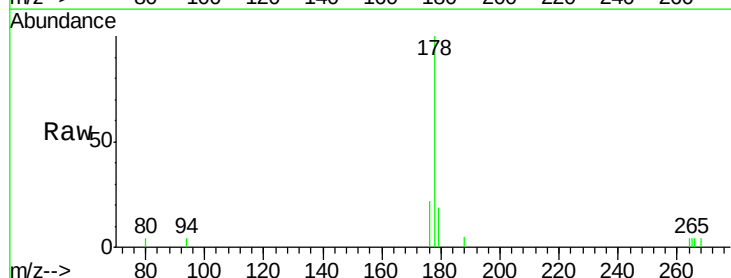
Tgt Ion:178 Resp: 2852

Ion Ratio Lower Upper

178 100

176 22.1 18.1 27.1

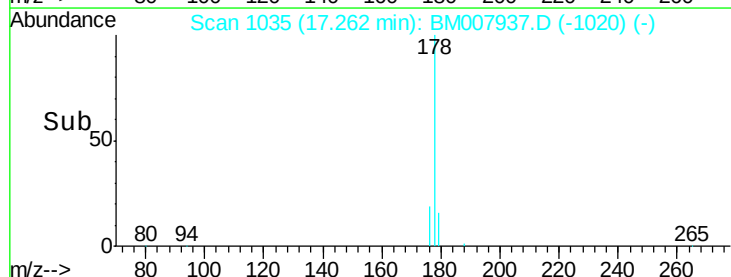
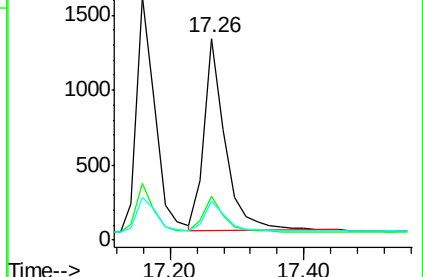
179 19.2 14.7 22.1

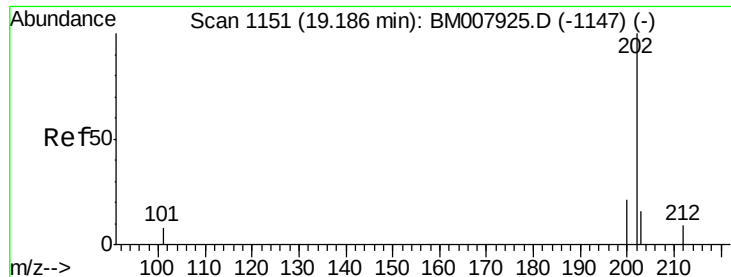


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.18 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.466

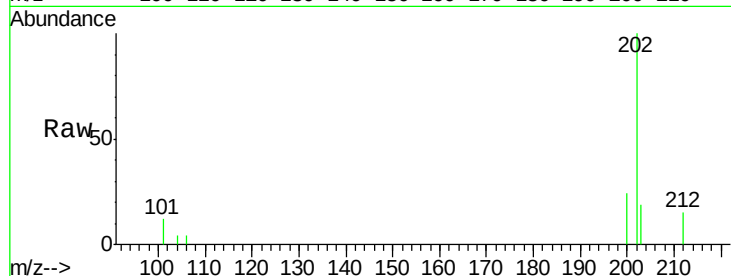
Tgt Ion:202 Resp: 3752

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

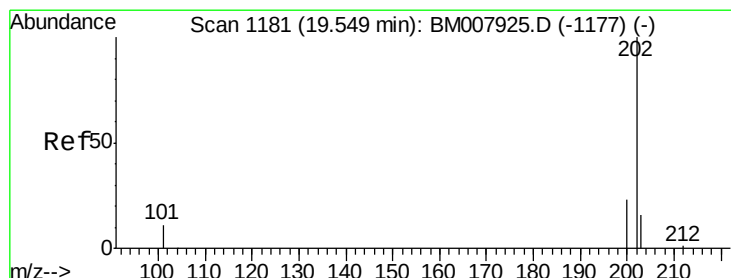
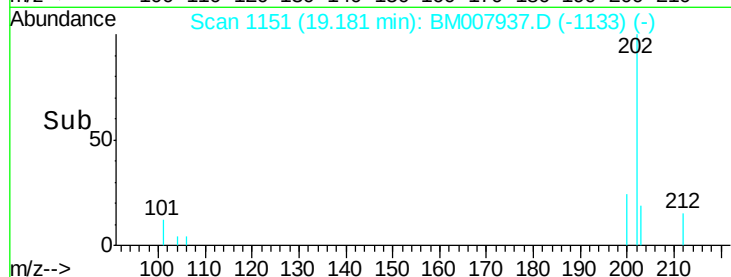
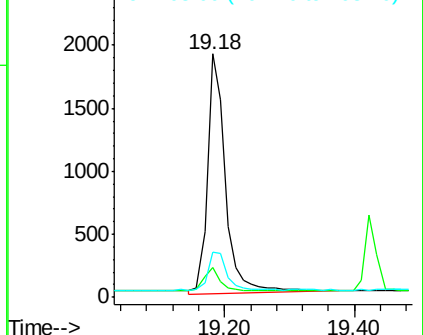
203 18.5 0.0 39.5



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



#17

Pyrene

Concen: 0.45 ng/ul

RT: 19.54 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

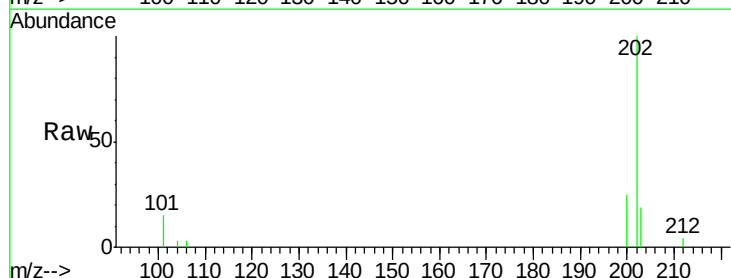
Tgt Ion:202 Resp: 3782

Ion Ratio Lower Upper

202 100

200 25.4 18.2 27.4

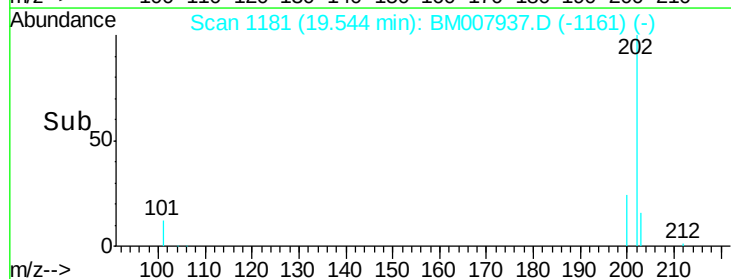
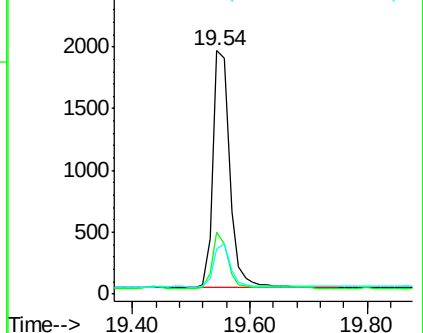
203 18.6 15.6 23.4

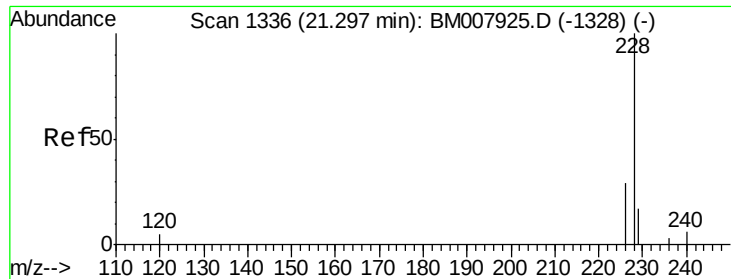


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.47 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

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SSTD0.466

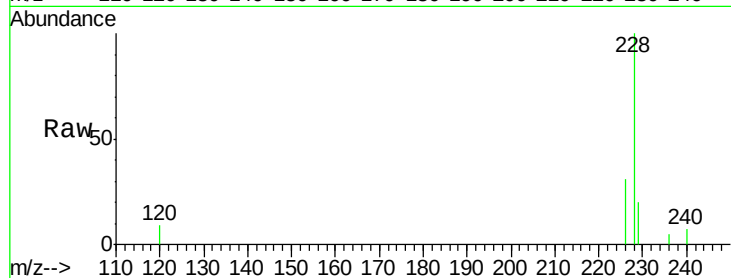
Tgt Ion:228 Resp: 3260

Ion Ratio Lower Upper

228 100

226 30.7 22.8 34.2

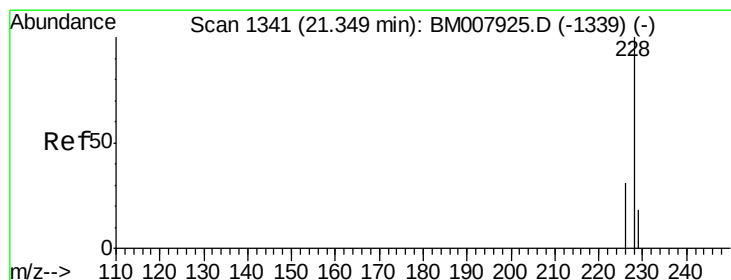
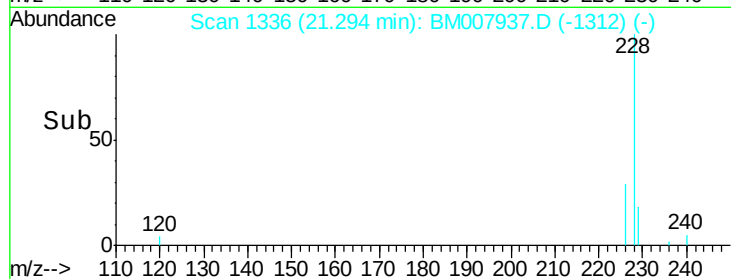
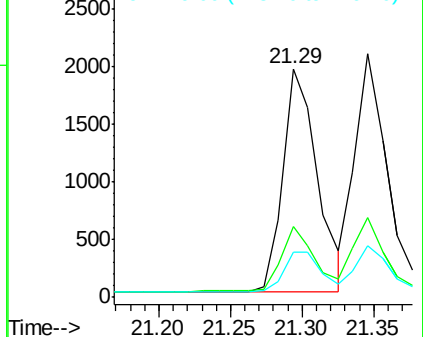
229 20.1 17.0 25.6



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



#19

Chrysene

Concen: 0.43 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

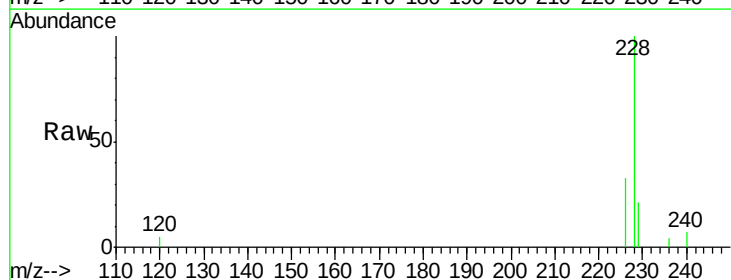
Tgt Ion:228 Resp: 3380

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

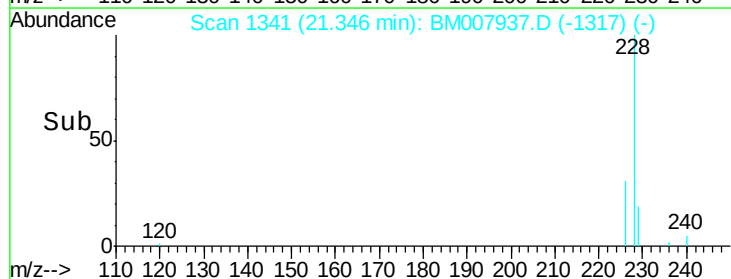
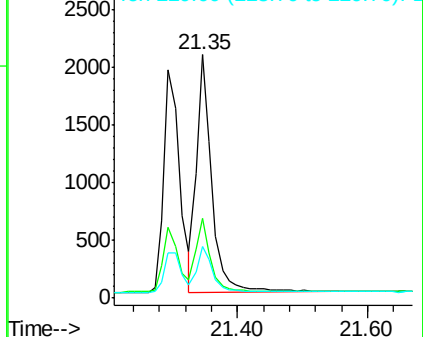
229 21.1 17.7 26.5

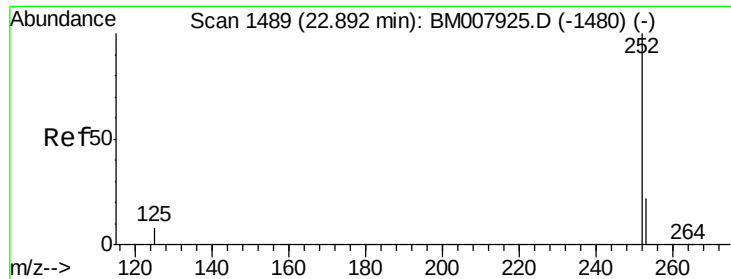


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.46 ng/ul

RT: 22.89 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.466

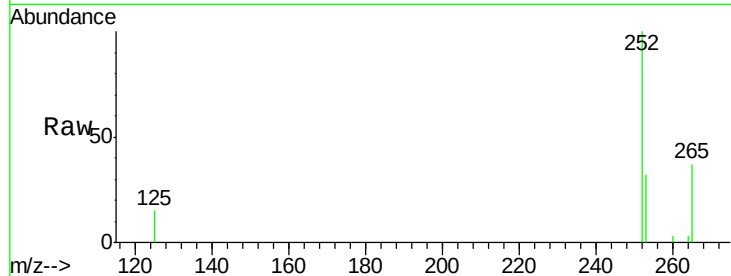
Tgt Ion:252 Resp: 3724

Ion Ratio Lower Upper

252 100

253 31.9 0.0 64.2

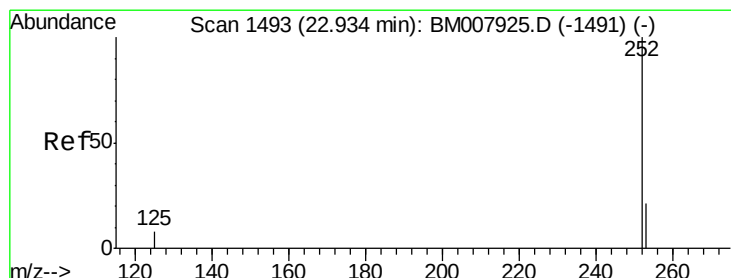
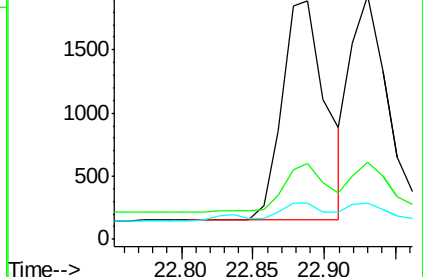
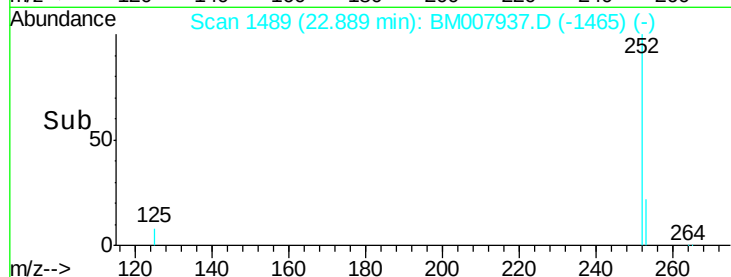
125 14.9 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.41 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

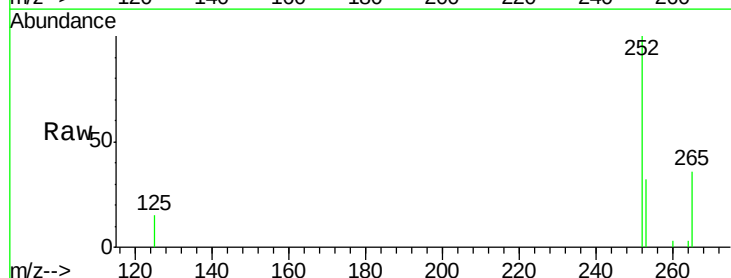
Tgt Ion:252 Resp: 3453

Ion Ratio Lower Upper

252 100

253 31.6 24.5 36.7

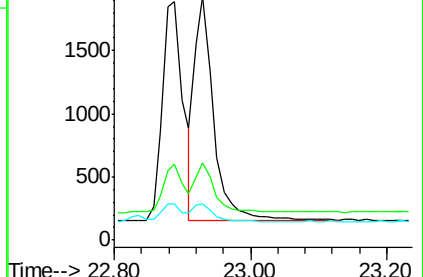
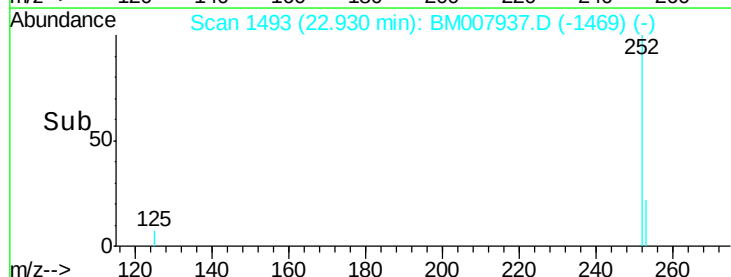
125 14.6 13.7 20.5

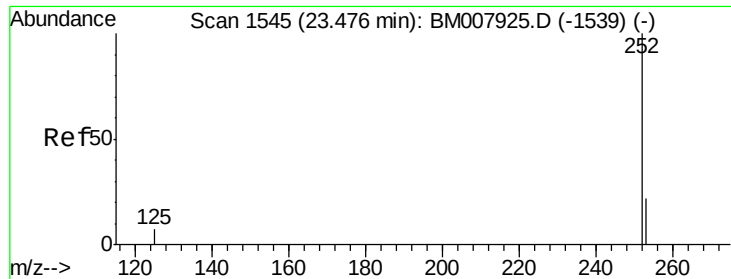


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.45 ng/ul

RT: 23.46 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

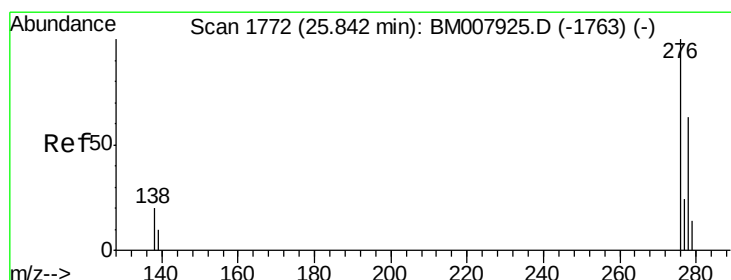
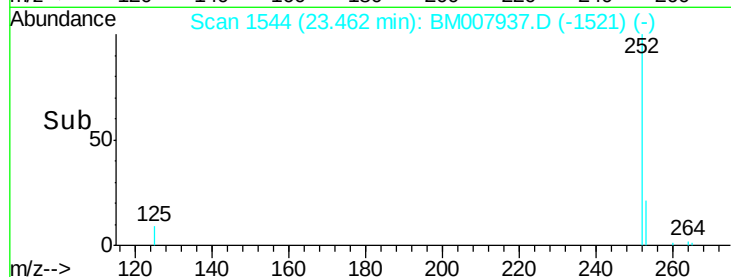
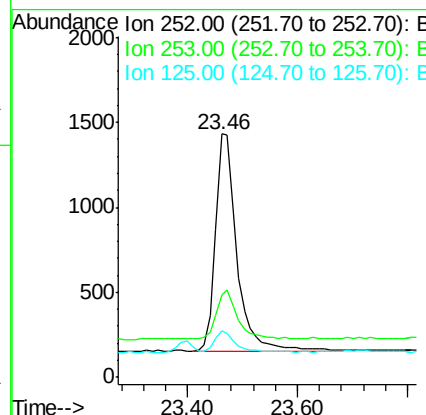
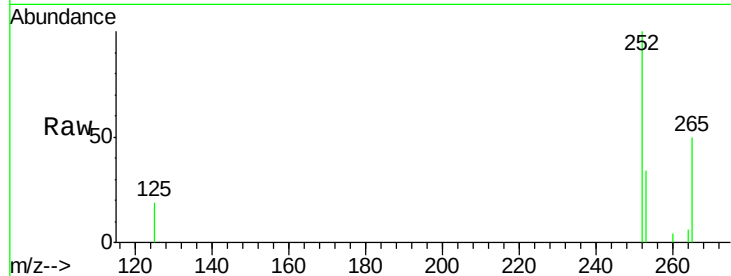
Instrument :

BNA_M

ClientSampleId :

SSTD0.466

Tgt Ion:	252	Resp:	3417
Ion	Ratio	Lower	Upper
252	100		
253	34.0	28.5	42.7
125	18.9	18.1	27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.46 ng/ul

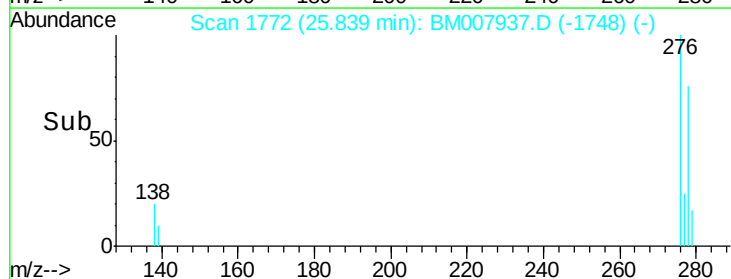
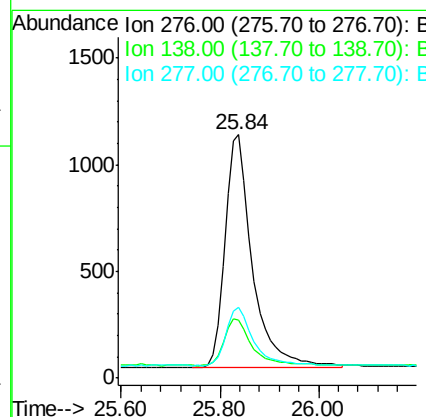
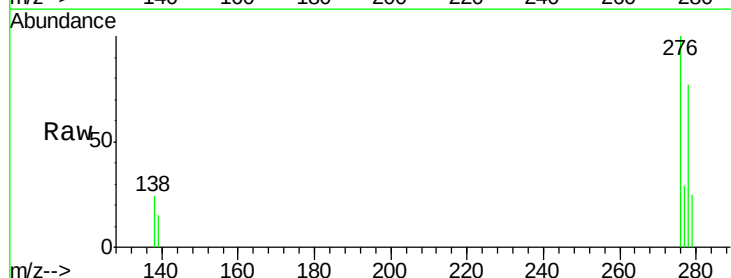
RT: 25.84 min Scan# 1772

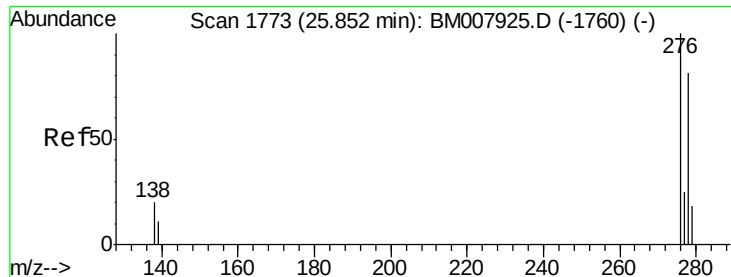
Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Tgt Ion:	276	Resp:	4178
Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.1	28.7
277	24.8	19.6	29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.44 ng/ul

RT: 25.85 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.466

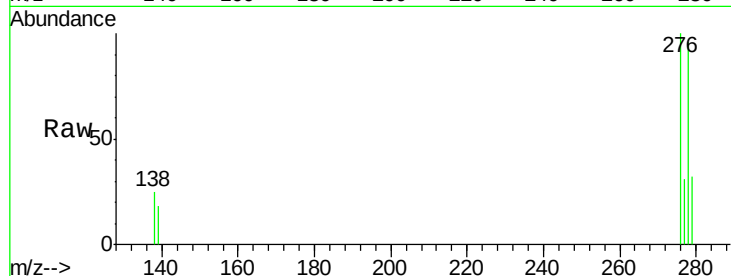
Tgt Ion: 278 Resp: 3272

Ion Ratio Lower Upper

278 100

139 19.0 17.4 26.0

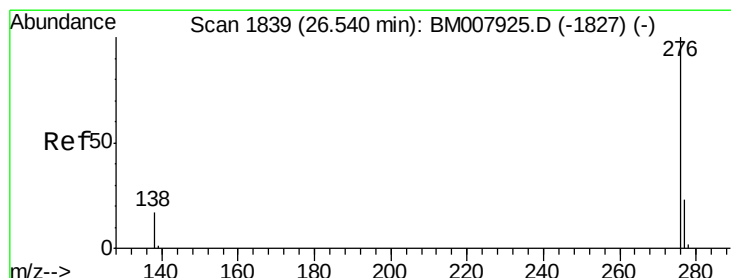
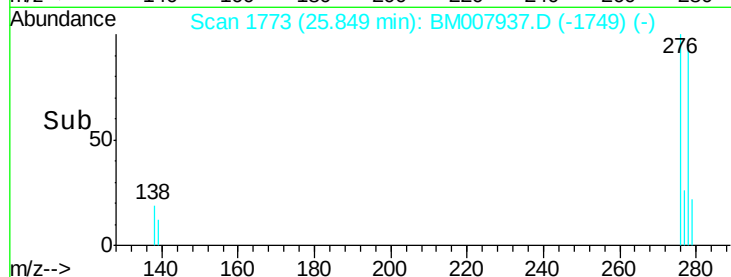
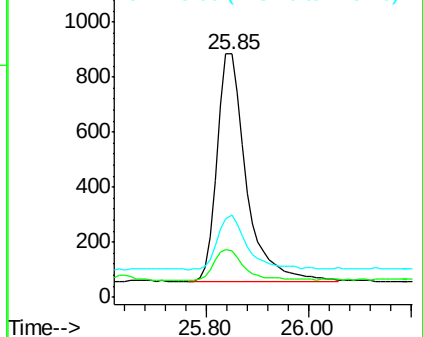
279 33.7 25.9 38.9



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: 0.45 ng/ul

RT: 26.53 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM007937.D

Acq: 17 Nov 2016 00:33

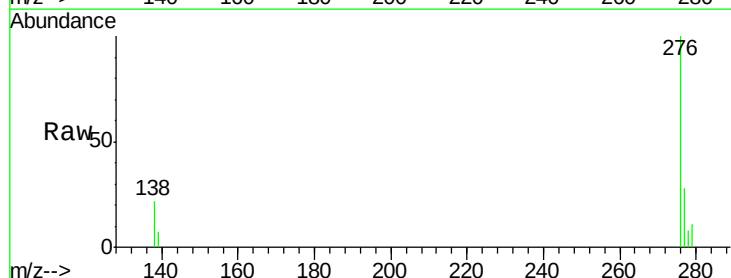
Tgt Ion: 276 Resp: 3673

Ion Ratio Lower Upper

276 100

277 27.8 21.8 32.8

138 22.2 20.5 30.7



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

