

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040816\
 Data File : BM004927.D
 Acq On : 08 Apr 2016 12:42
 Operator : UM/SJ
 Sample : H2275-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T75

Quant Time: Apr 09 01:20:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 09 01:17:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	39632	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	169800	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	101771	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	250990	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	258168	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	253448	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.31	96	1220	0.07	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1603	0.01	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5361	0.01	ng/ul	0.00

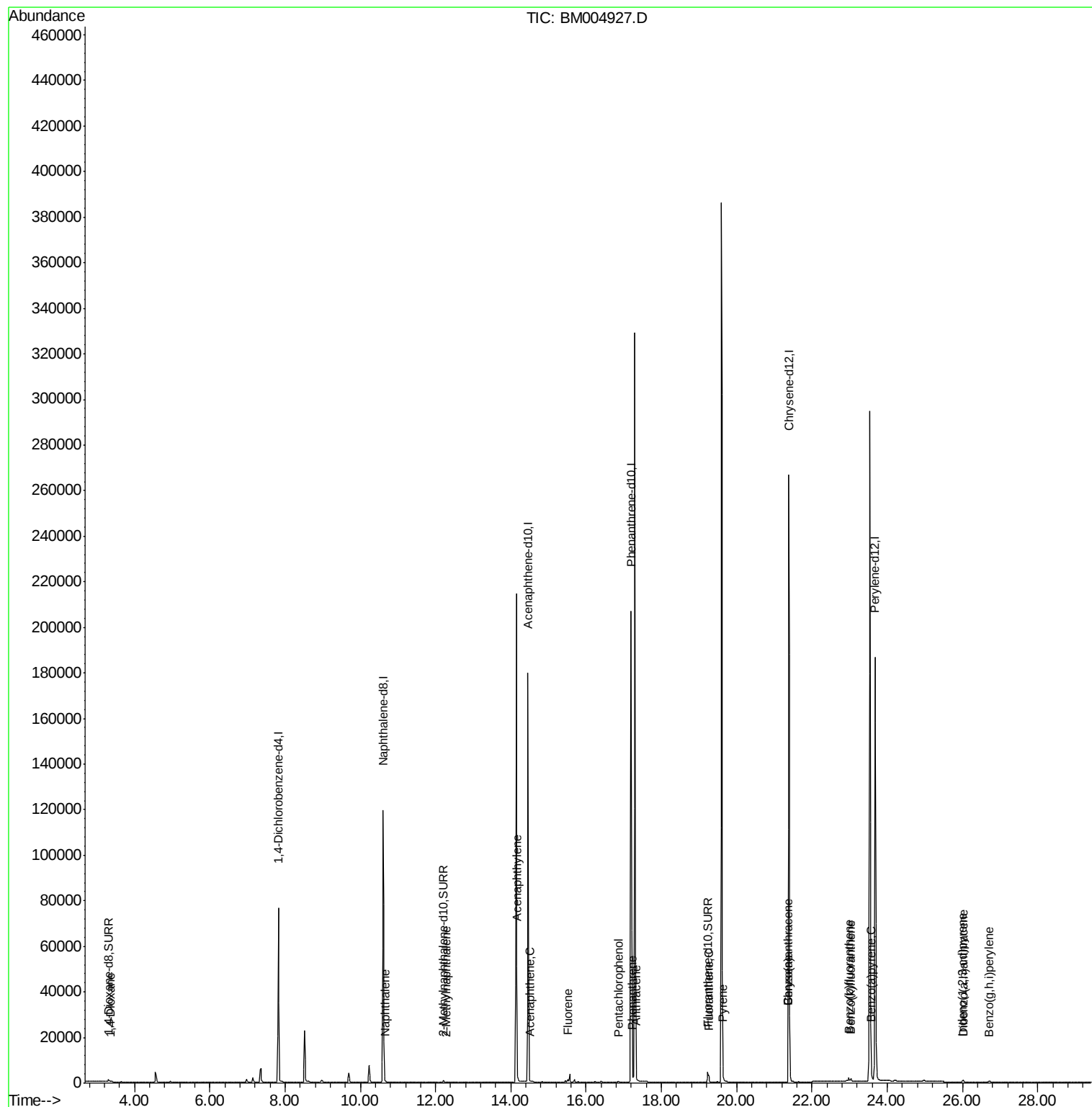
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.35	88	294	0.01	ng/ul#	39
5) Naphthalene	10.66	128	143	0.00	ng/ul#	3
7) 2-Methylnaphthalene	12.28	142	190	0.00	ng/ul	95
9) Acenaphthylene	14.16	152	347	0.00	ng/ul#	55
10) Acenaphthene	14.50	153	249	0.00	ng/ul#	75
11) Fluorene	15.51	166	883	0.00	ng/ul#	96
13) Pentachlorophenol	16.85	266	118	0.00	ng/ul	92
14) Phenanthrene	17.23	178	2655	0.00	ng/ul#	90
15) Anthracene	17.33	178	2099	0.00	ng/ul#	92
17) Fluoranthene	19.25	202	3215	0.00	ng/ul	88
19) Pyrene	19.63	202	4055	0.00	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	2751	0.00	ng/ul#	91
21) Chrysene	21.37	228	2751	0.00	ng/ul	95
23) Benzo(b)fluoranthene	22.98	252	2030	0.00	ng/ul	70
24) Benzo(k)fluoranthene	23.03	252	1290	0.00	ng/ul#	63
25) Benzo(a)pyrene	23.58	252	1026	0.00	ng/ul#	50
26) Indeno(1,2,3-cd)pyrene	26.01	276	1255	0.00	ng/ul#	84
27) Dibenzo(a,h)anthracene	26.02	278	970	0.00	ng/ul#	55
28) Benzo(g,h,i)perylene	26.71	276	940	0.00	ng/ul#	67

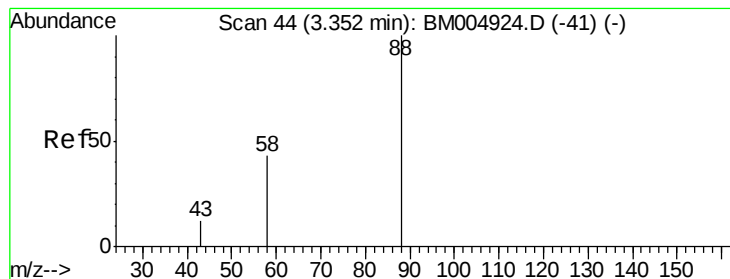
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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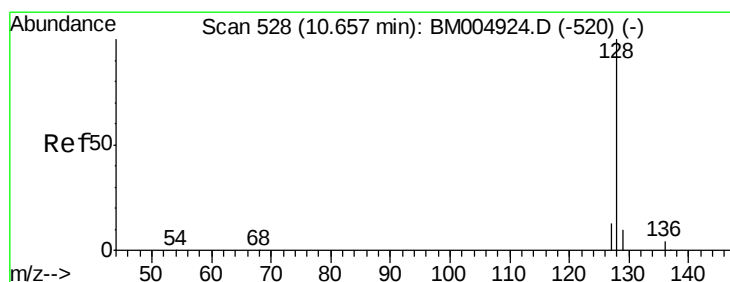
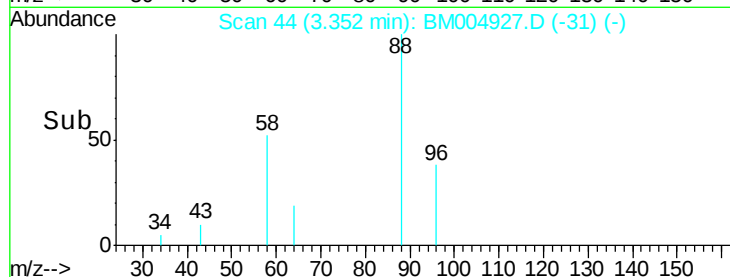
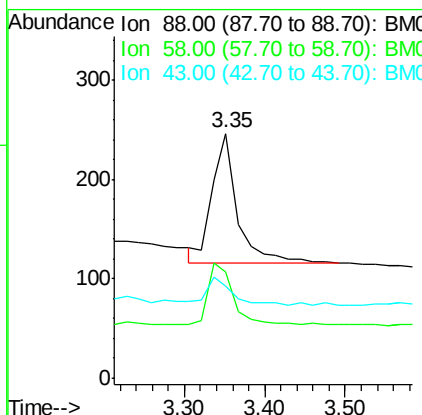
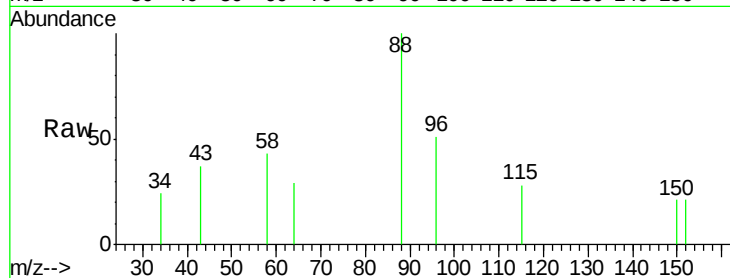




#3
1,4-Dioxane
Concen: 0.01 ng/ul
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BM004927.D
Acq: 08 Apr 2016 12:42

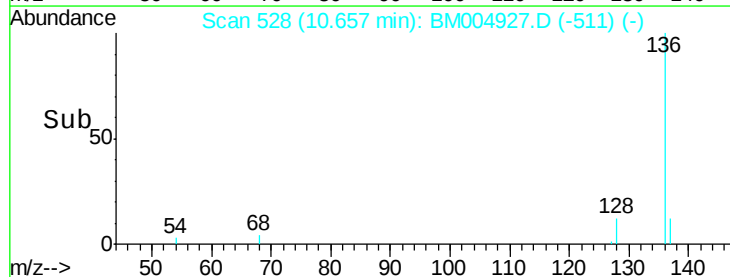
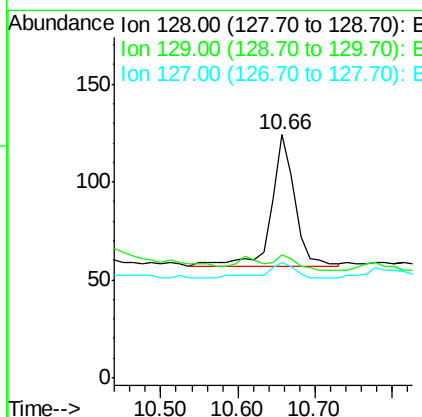
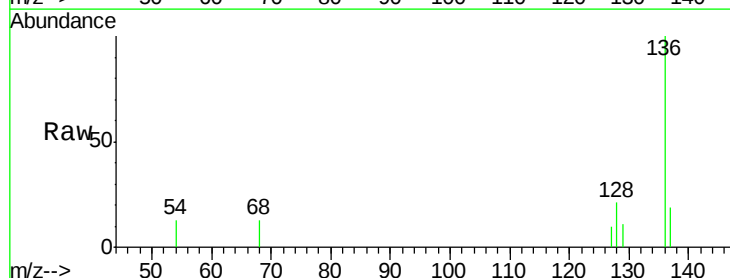
Instrument :
BNA_M
ClientSampleId :
D9T75

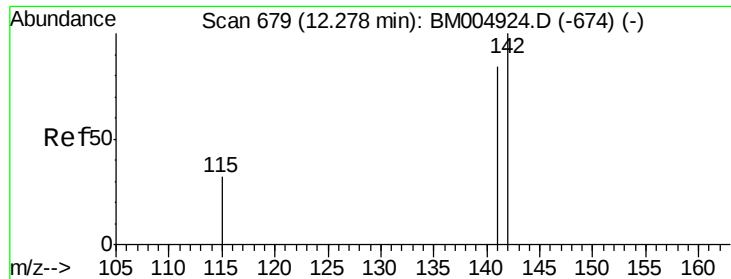
Tgt Ion: 88 Resp: 294
Ion Ratio Lower Upper
88 100
58 44.6 8.0 12.0#
43 20.4 8.0 12.0#



#5
Naphthalene
Concen: 0.00 ng/ul
RT: 10.66 min Scan# 528
Delta R.T. 0.00 min
Lab File: BM004927.D
Acq: 08 Apr 2016 12:42

Tgt Ion: 128 Resp: 143
Ion Ratio Lower Upper
128 100
129 50.8 9.0 13.6#
127 47.6 9.6 14.4#





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

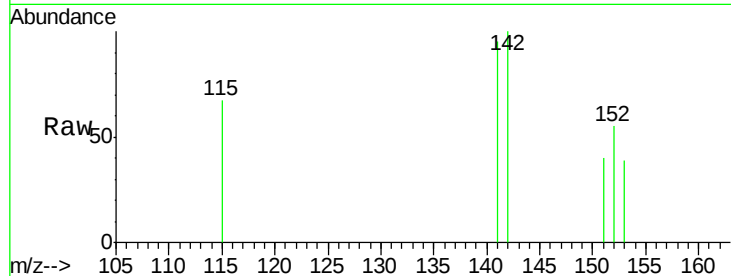
D9T75

Tgt Ion:142 Resp: 190

Ion Ratio Lower Upper

142 100

141 92.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

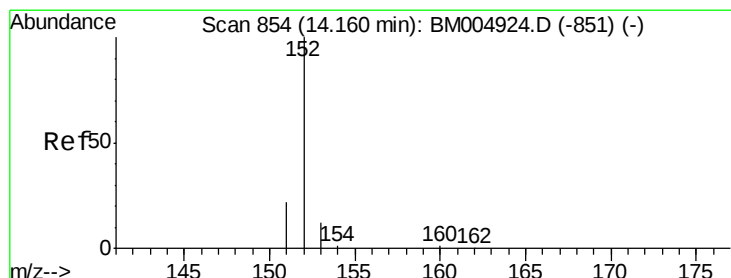
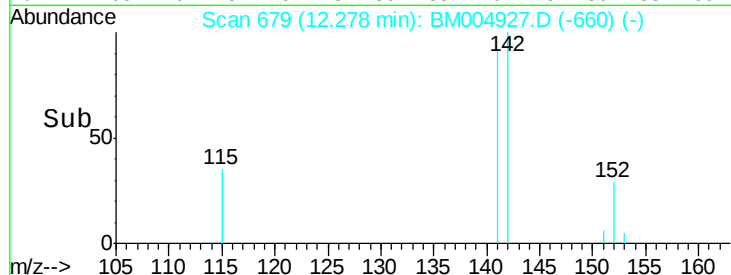
12.28

100

50

0

Time--> 12.20 12.30 12.40



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

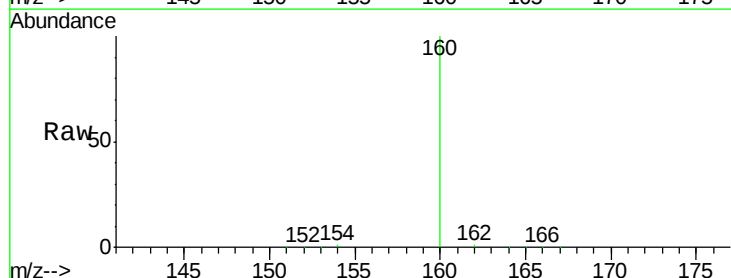
Tgt Ion:152 Resp: 347

Ion Ratio Lower Upper

152 100

151 39.0 17.6 26.4#

153 35.8 9.7 14.5#



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

14.16

200

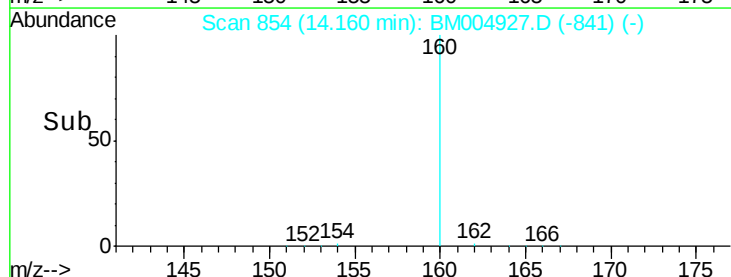
150

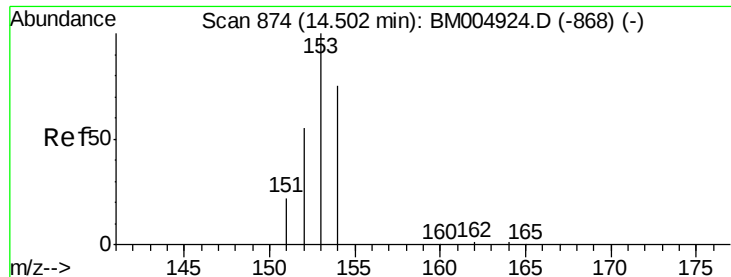
100

50

0

Time--> 14.00 14.10 14.20 14.30





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

D9T75

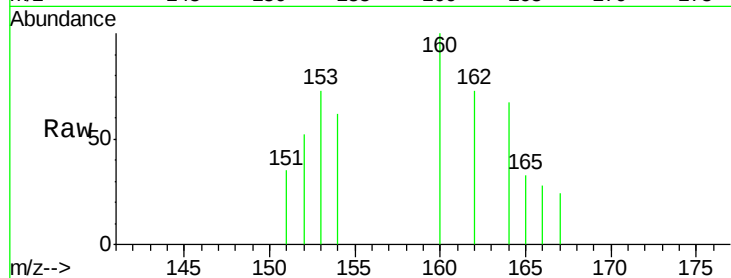
Tgt Ion:153 Resp: 249

Ion Ratio Lower Upper

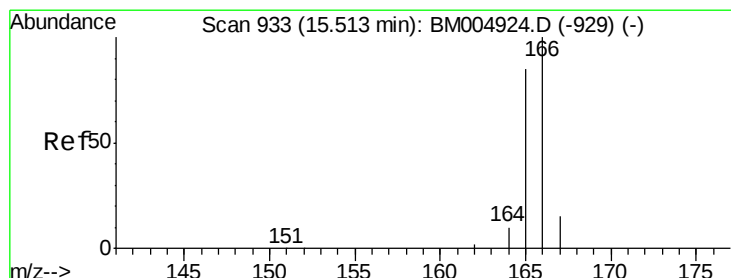
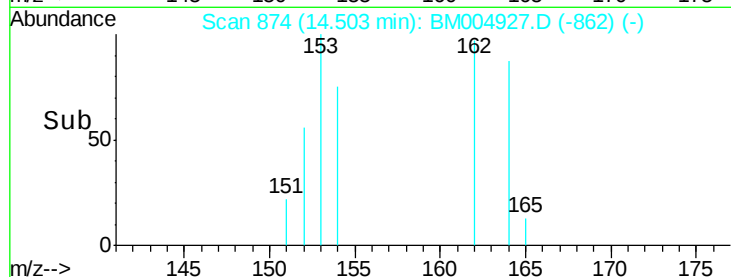
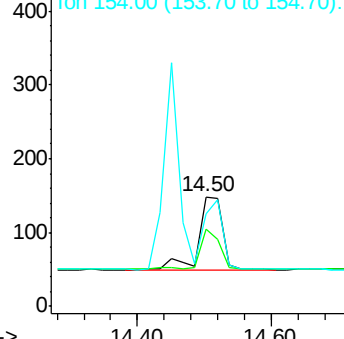
153 100

152 70.9 33.9 50.9#

154 84.5 80.6 121.0



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



#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

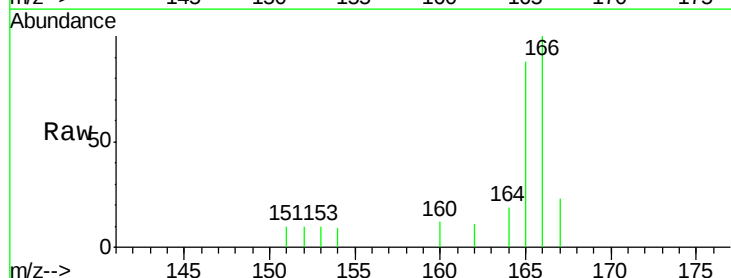
Tgt Ion:166 Resp: 883

Ion Ratio Lower Upper

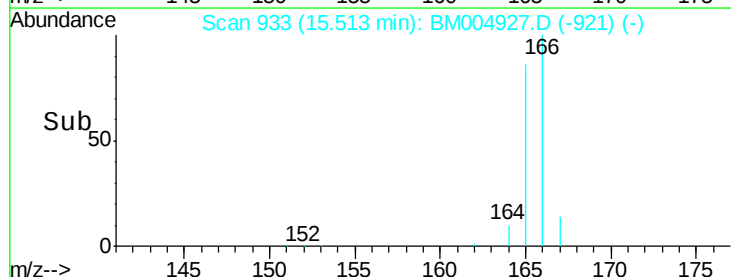
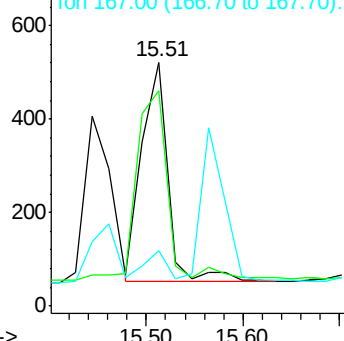
166 100

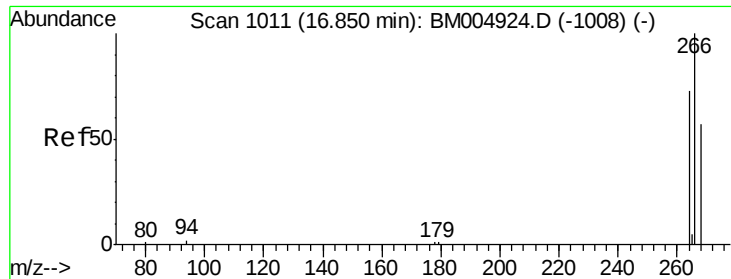
165 88.3 69.6 104.4

167 22.6 11.9 17.9#



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

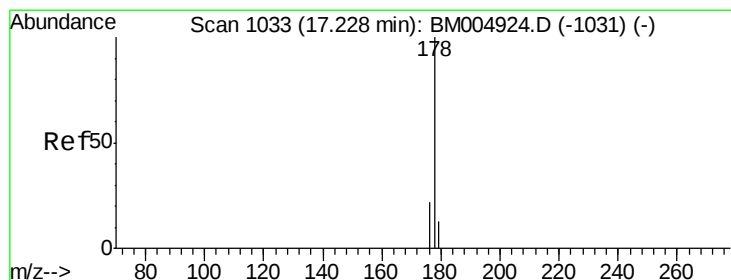
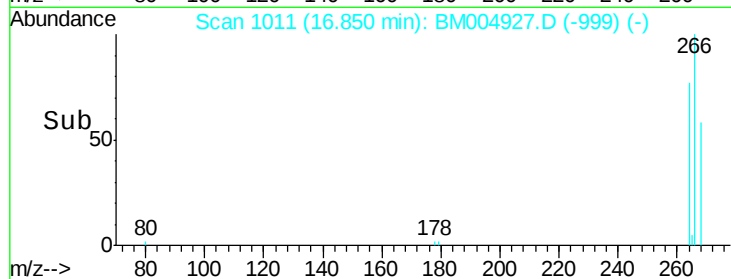
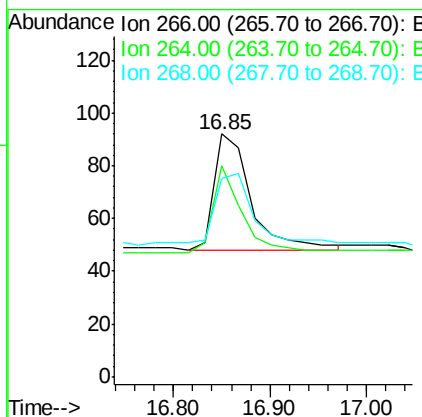
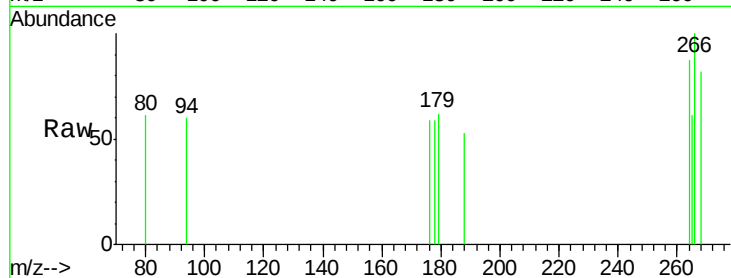




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM004927.D
 Acq: 08 Apr 2016 12:42

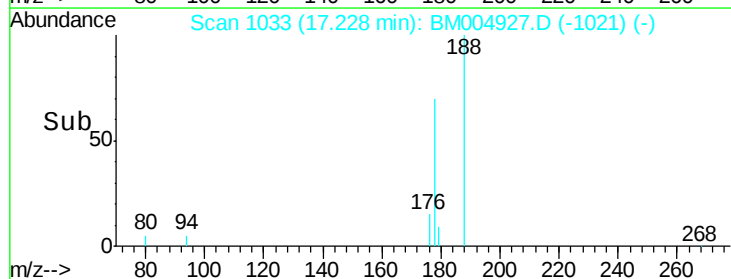
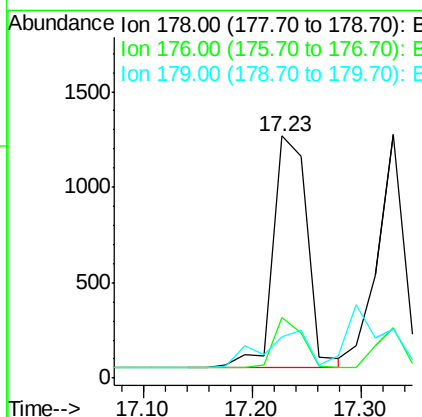
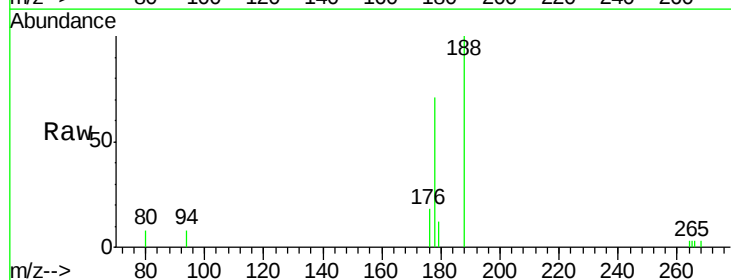
Instrument :
 BNA_M
 ClientSampleId :
 D9T75

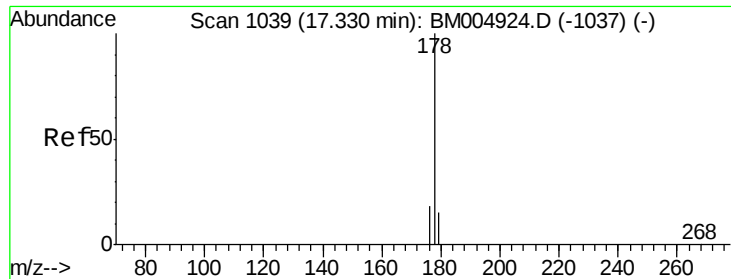
Tgt Ion: 266 Resp: 118
 Ion Ratio Lower Upper
 266 100
 264 60.2 51.8 77.8
 268 66.9 46.8 70.2



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM004927.D
 Acq: 08 Apr 2016 12:42

Tgt Ion: 178 Resp: 2655
 Ion Ratio Lower Upper
 178 100
 176 25.2 13.0 19.4#
 179 17.4 14.2 21.2





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

D9T75

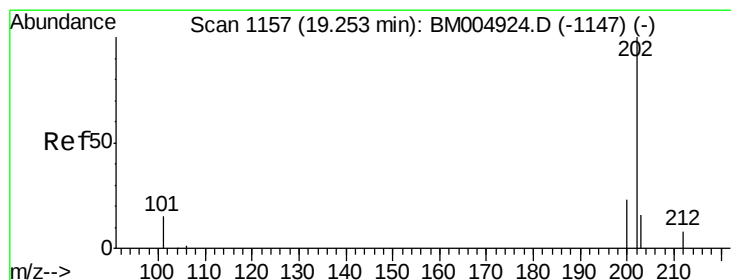
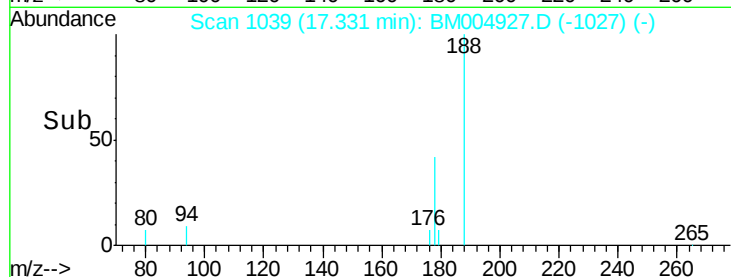
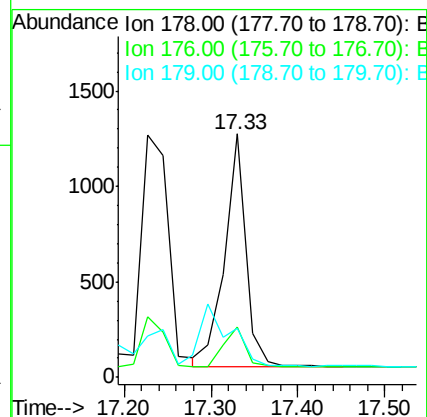
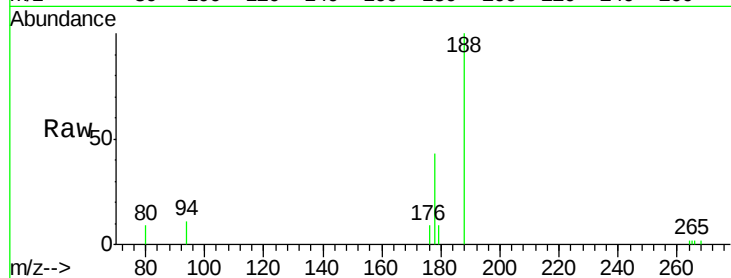
Tgt Ion:178 Resp: 2099

Ion Ratio Lower Upper

178 100

176 20.6 14.0 21.0

179 20.3 12.9 19.3#



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.25 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

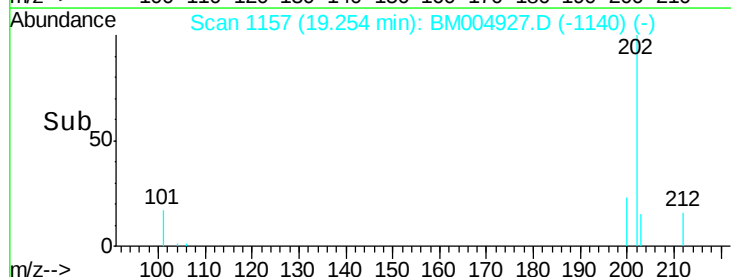
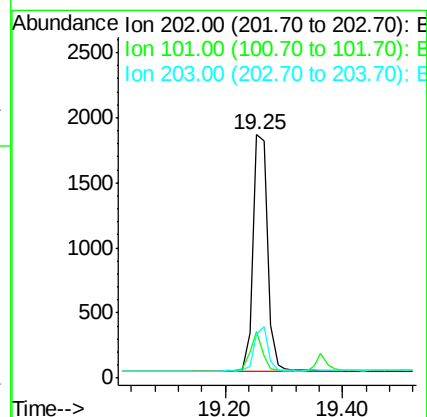
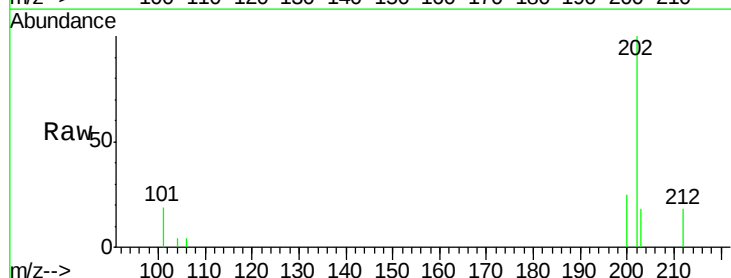
Tgt Ion:202 Resp: 3215

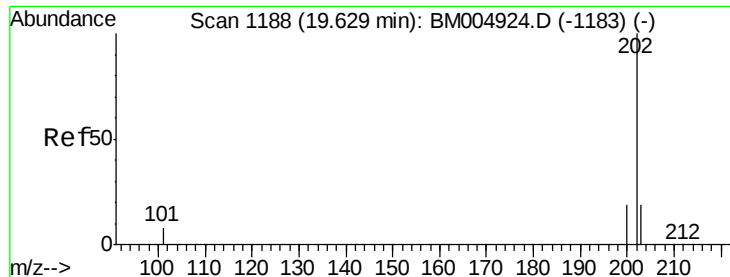
Ion Ratio Lower Upper

202 100

101 19.2 0.0 29.6

203 17.8 0.0 36.3





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

D9T75

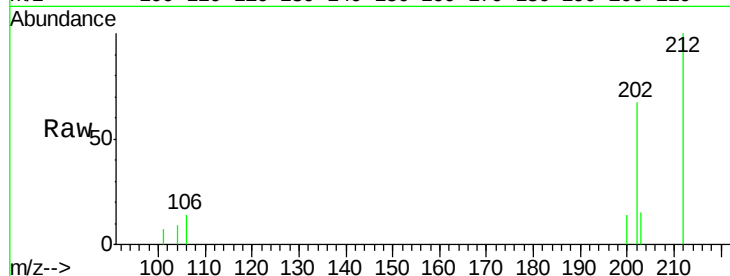
Tgt Ion:202 Resp: 4055

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.8

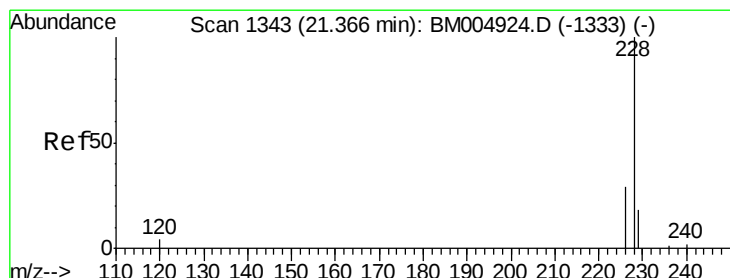
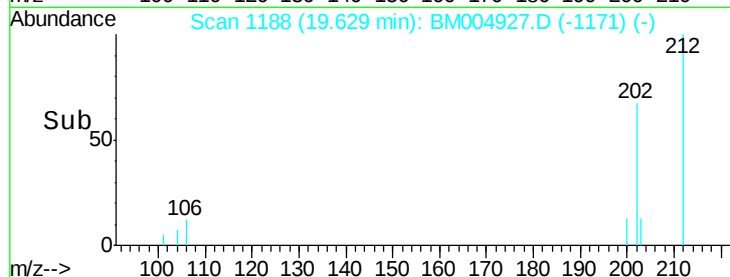
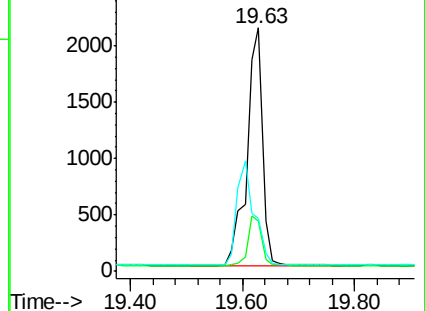
203 21.6 12.8 19.2#



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: 0.00 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

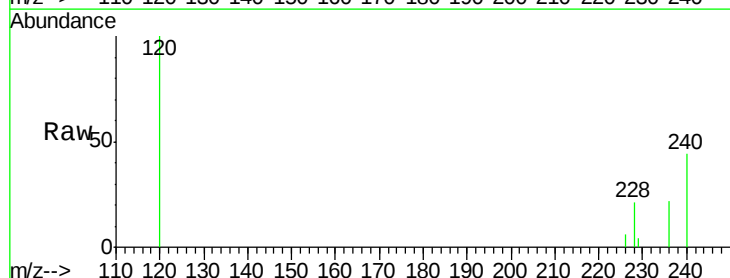
Tgt Ion:228 Resp: 2751

Ion Ratio Lower Upper

228 100

226 30.9 18.8 28.2#

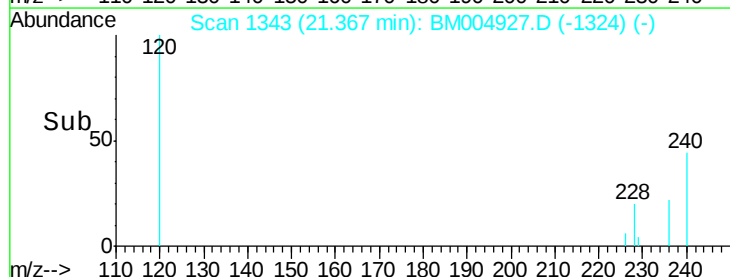
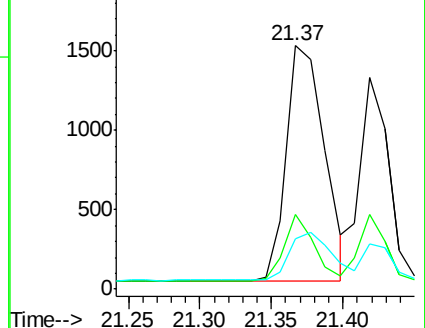
229 20.7 17.1 25.7

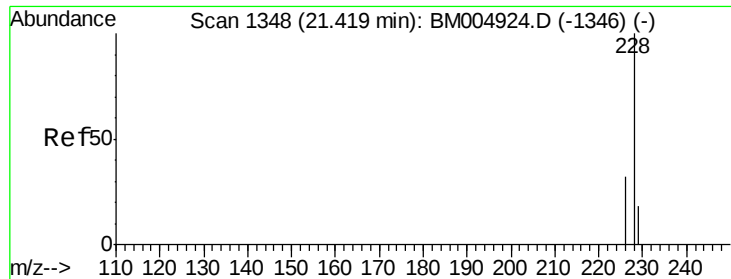


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.00 ng/u1

RT: 21.37 min Scan# 1343

Delta R.T. -0.05 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

D9T75

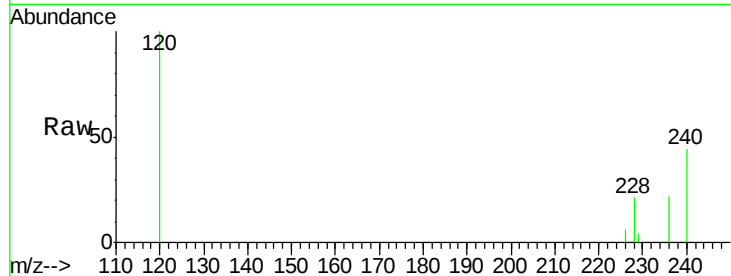
Tgt Ion:228 Resp: 2751

Ion Ratio Lower Upper

228 100

226 30.9 21.2 31.8

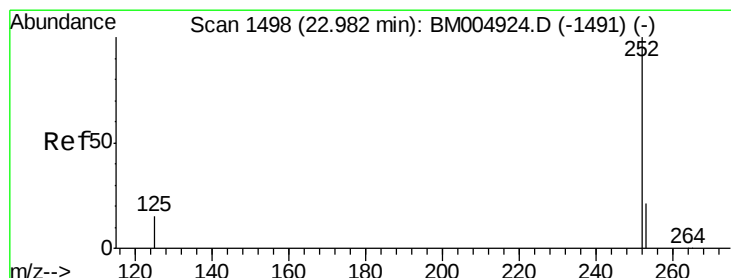
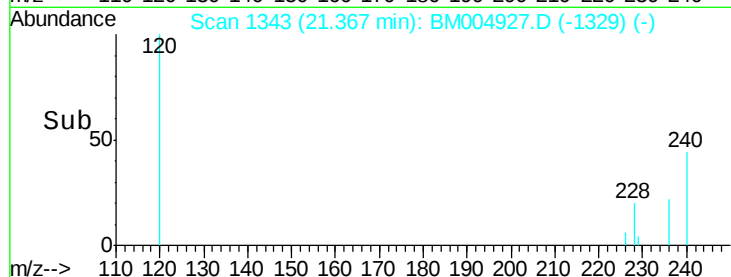
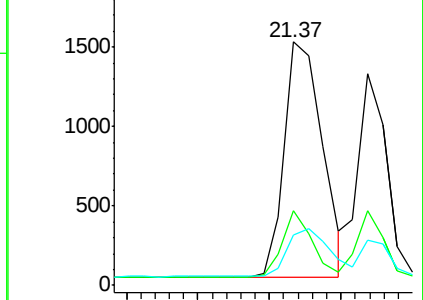
229 20.7 17.0 25.6



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



#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.98 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

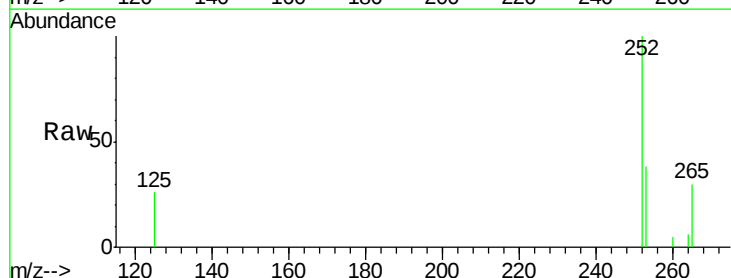
Tgt Ion:252 Resp: 2030

Ion Ratio Lower Upper

252 100

253 38.2 0.0 45.4

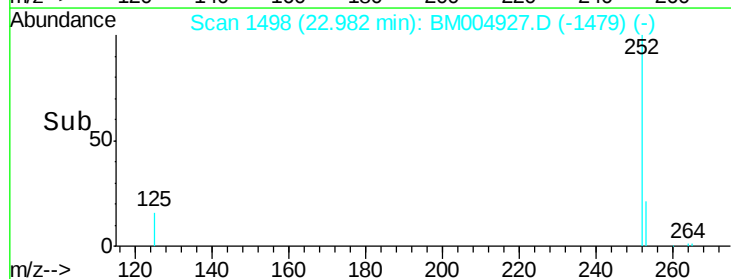
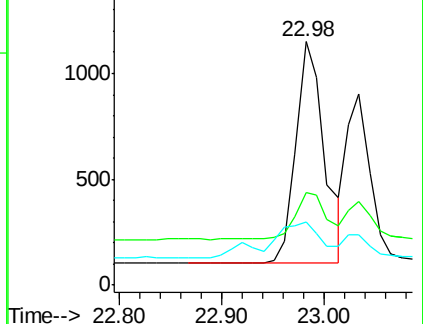
125 25.6 0.0 28.8

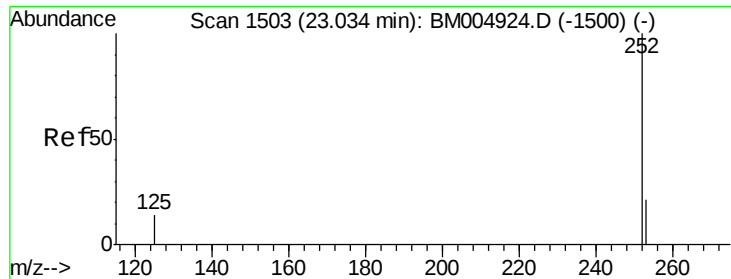


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.03 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

D9T75

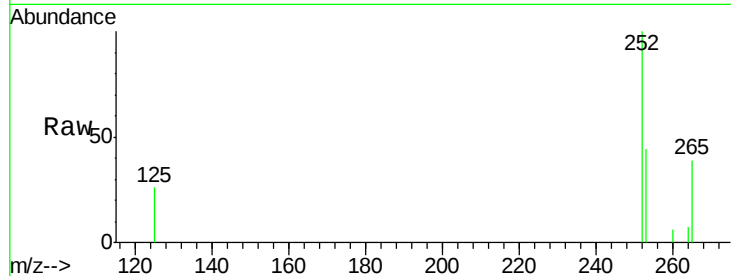
Tgt Ion:252 Resp: 1290

Ion Ratio Lower Upper

252 100

253 43.7 19.8 29.8#

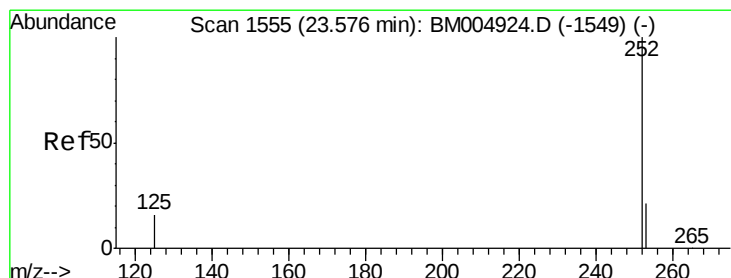
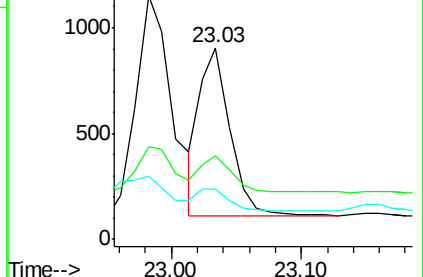
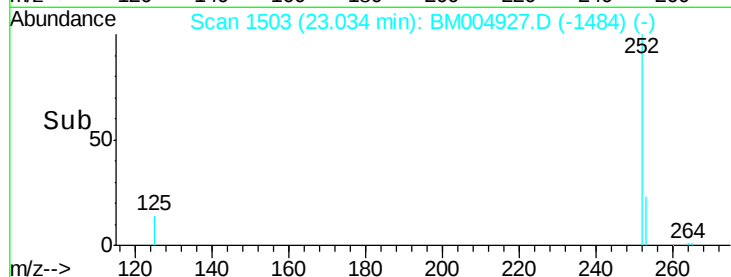
125 26.5 10.4 15.6#



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: 0.00 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

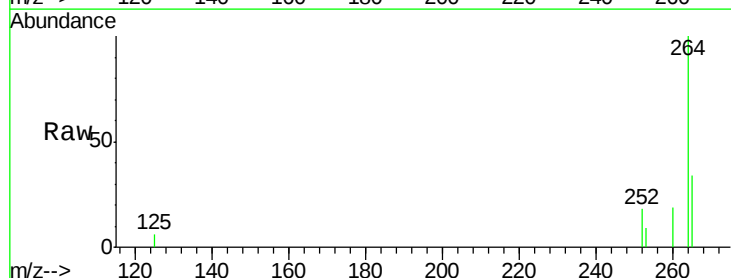
Tgt Ion:252 Resp: 1026

Ion Ratio Lower Upper

252 100

253 51.9 19.4 29.2#

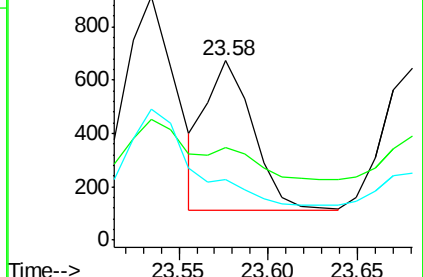
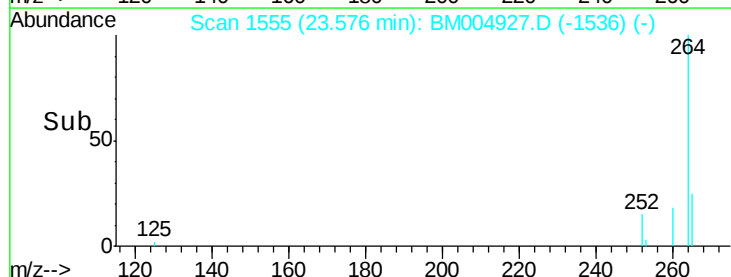
125 33.5 12.7 19.1#

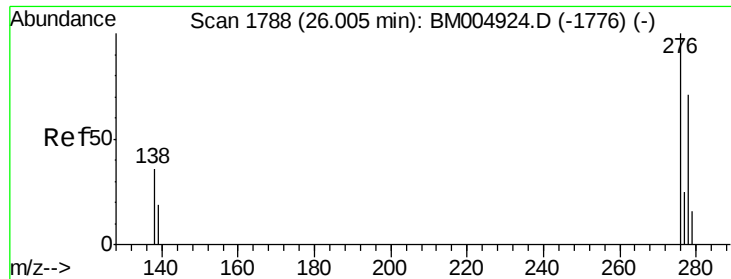


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.00 ng/ul

RT: 26.01 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampled :

D9T75

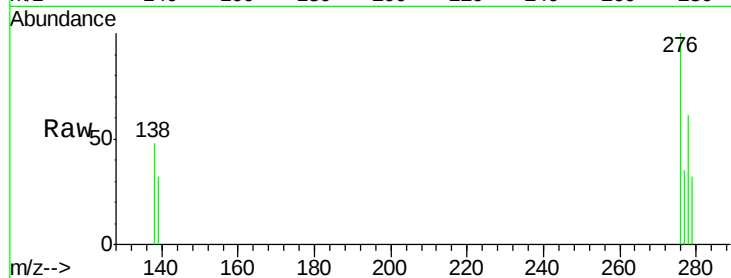
Tgt Ion:276 Resp: 1255

Ion Ratio Lower Upper

276 100

138 36.2 16.3 24.5#

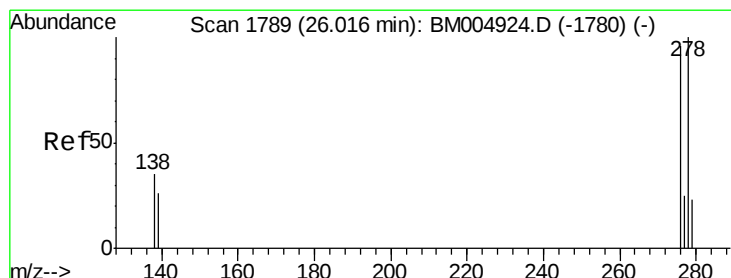
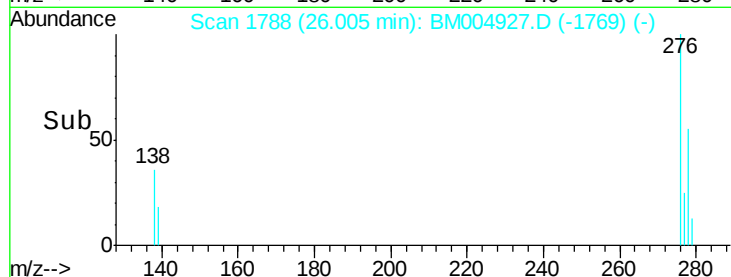
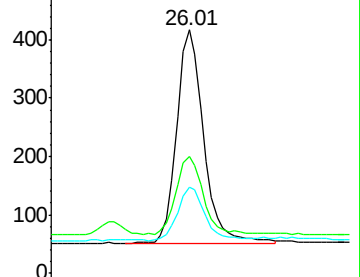
277 25.1 19.8 29.8



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



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 26.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BM004927.D

Acq: 08 Apr 2016 12:42

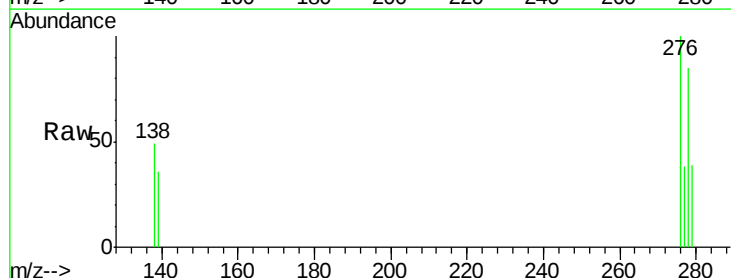
Tgt Ion:278 Resp: 970

Ion Ratio Lower Upper

278 100

139 42.8 16.4 24.6#

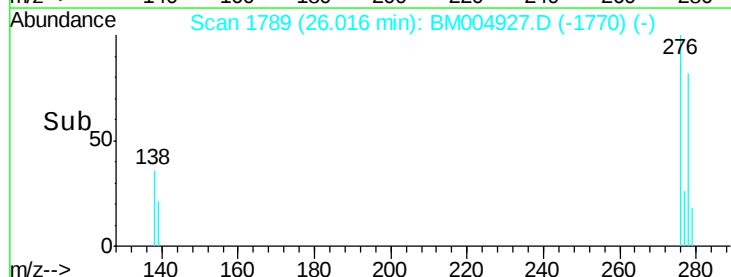
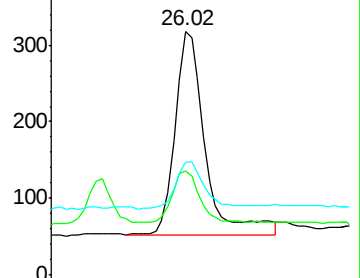
279 46.2 20.2 30.2#

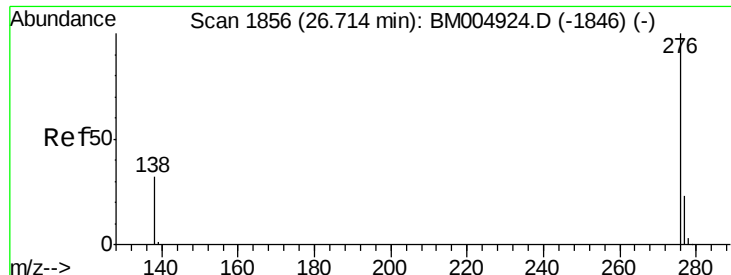


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.71 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BM004927.D

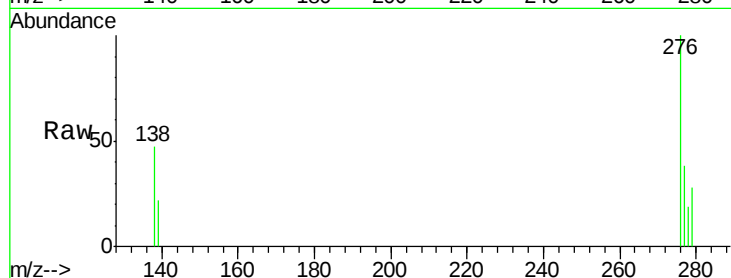
Acq: 08 Apr 2016 12:42

Instrument :

BNA_M

ClientSampleId :

D9T75



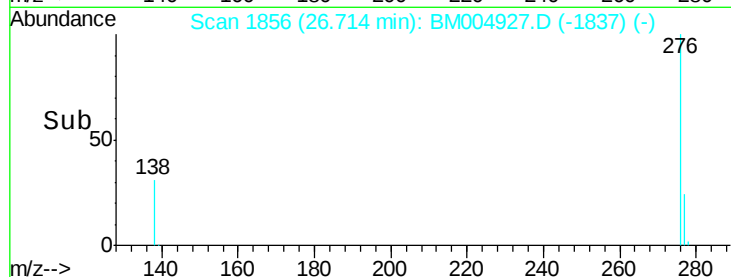
Tgt Ion: 276 Resp: 940

Ion Ratio Lower Upper

276 100

277 37.9 18.9 28.3#

138 47.0 22.5 33.7#



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

