

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008578.D
 Acq On : 23 Dec 2016 04:41
 Operator : UM/SJ
 Sample : H6039-12DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S8DL

Quant Time: Dec 23 05:54:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	942	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.25	136	7173	0.40	ng/ul	-0.24
6) Acenaphthene-d10	14.01	164	1434	0.40	ng/ul	-0.31
10) Phenanthrene-d10	16.68	188	60	0.40	ng/ul	-0.39
16) Chrysene-d12	20.77	240	1	0.40	ng/ul	-0.50
20) Perylene-d12	22.92	264	3	0.40	ng/ul	-0.57

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.88	152	201	0.02	ng/ul	-0.21
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

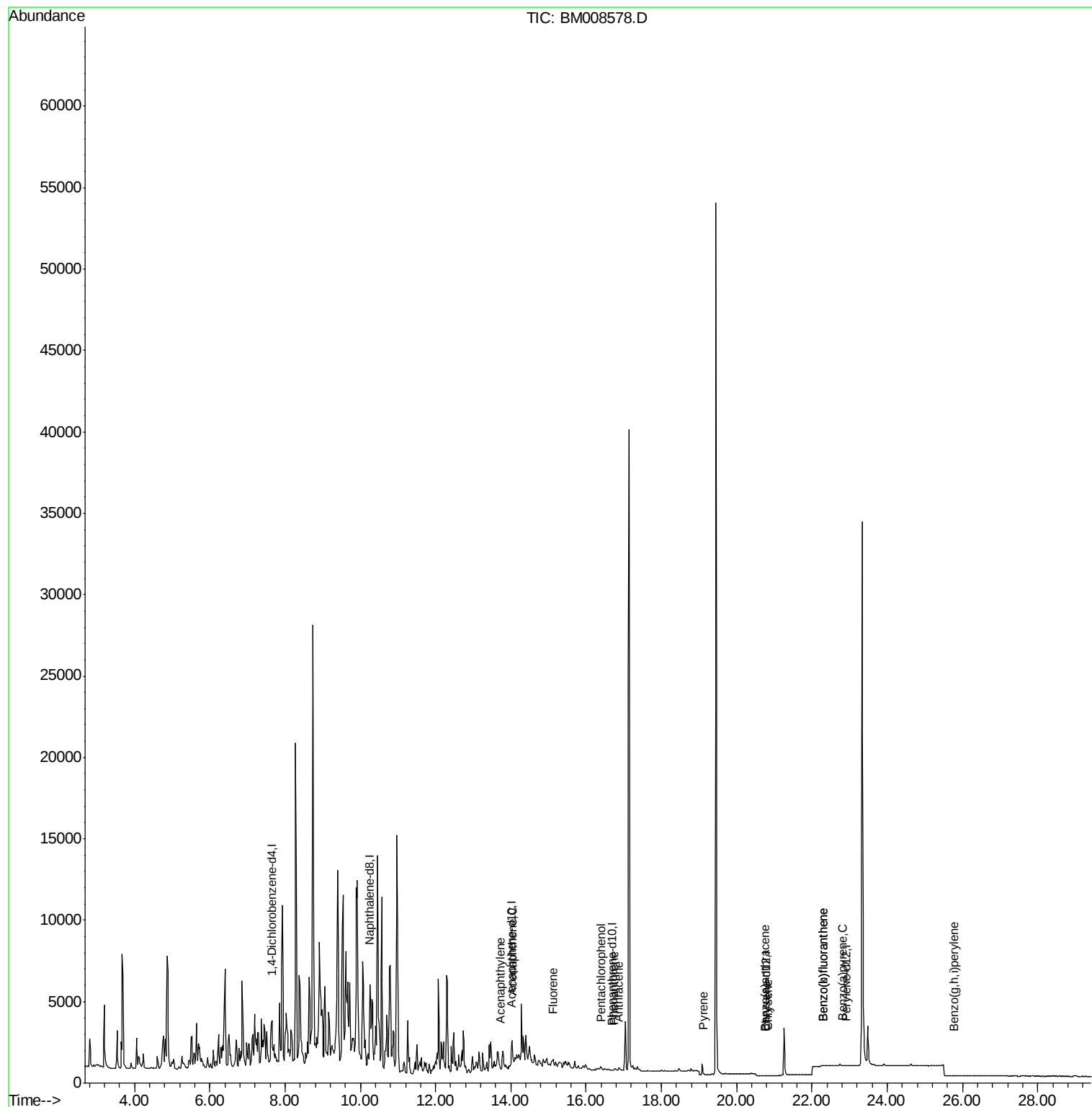
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.71	152	152	0.02	ng/ul#	1
8) Acenaphthene	14.04	153	318	0.07	ng/ul#	1
9) Fluorene	15.12	166	140	0.03	ng/ul#	87
11) Pentachlorophenol	16.40	266	3	0.16	ng/ul#	20
12) Phenanthrene	16.73	178	112	0.61	ng/ul#	1
13) Anthracene	16.87	178	50	0.28	ng/ul#	1
17) Pyrene	19.12	202	812	210.07	ng/ul#	1
18) Benzo(a)anthracene	20.76	228	3	0.91	ng/ul#	1
19) Chrysene	20.82	228	4	1.11	ng/ul#	1
21) Benzo(b)fluoranthene	22.30	252	9	0.76	ng/ul#	1
22) Benzo(k)fluoranthene	22.30	252	6	0.52	ng/ul#	1
23) Benzo(a)pyrene	22.82	252	107	9.77	ng/ul#	1
26) Benzo(g,h,i)perylene	25.77	276	44	3.93	ng/ul#	1

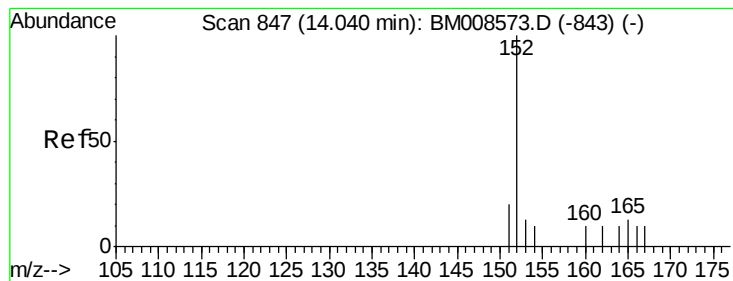
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 13.71 min Scan# 817

Delta R.T. -0.33 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

Instrument :

BNA_M

ClientSampleId :

DA8S8DL

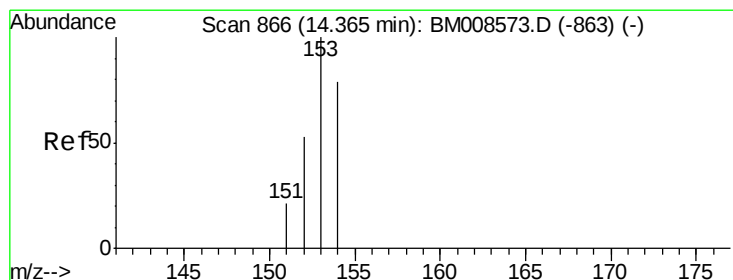
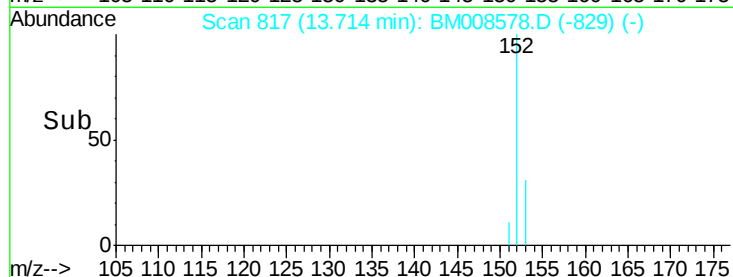
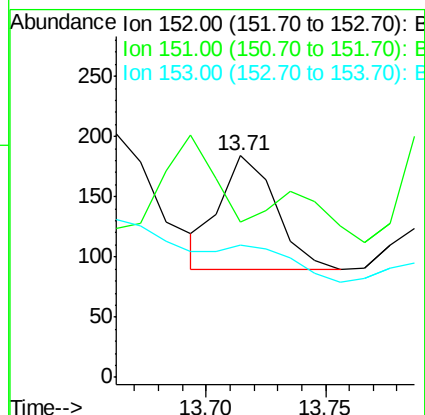
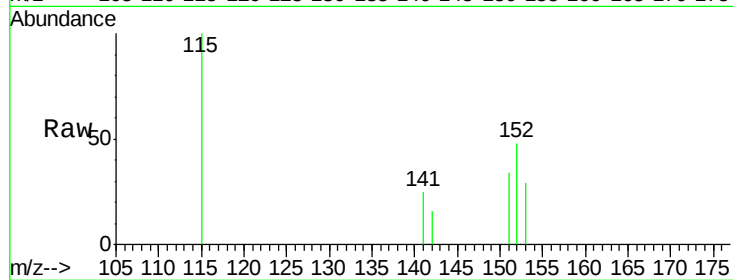
Tgt Ion:152 Resp: 152

Ion Ratio Lower Upper

152 100

151 70.1 17.1 25.7#

153 59.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.07 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.33 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

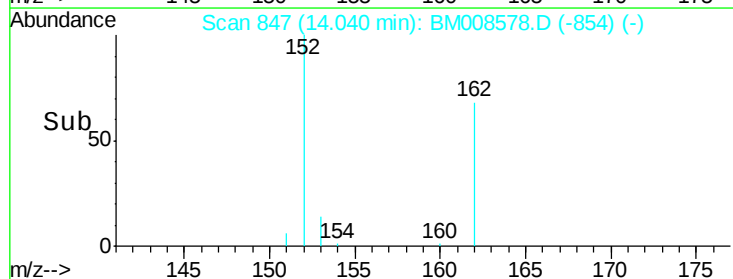
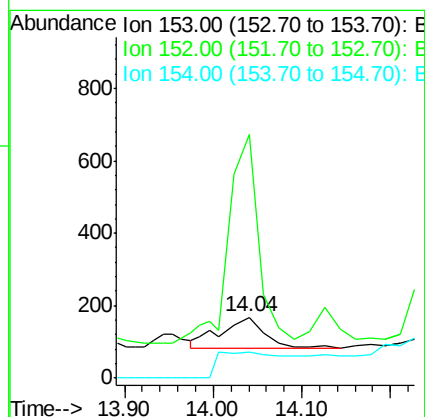
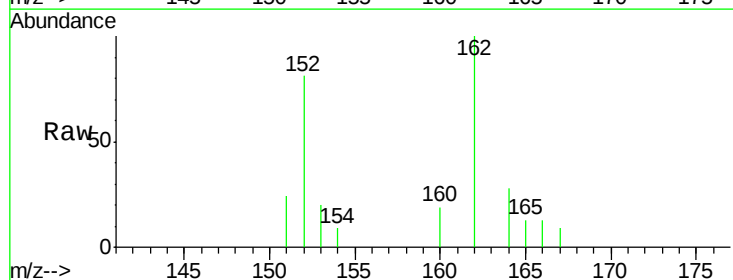
Tgt Ion:153 Resp: 318

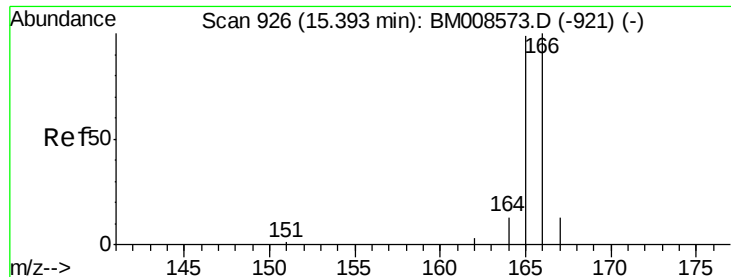
Ion Ratio Lower Upper

153 100

152 397.6 40.3 60.5#

154 42.0 71.4 107.2#





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.12 min Scan# 910

Delta R.T. -0.27 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

Instrument :

BNA_M

ClientSampleId :

DA8S8DL

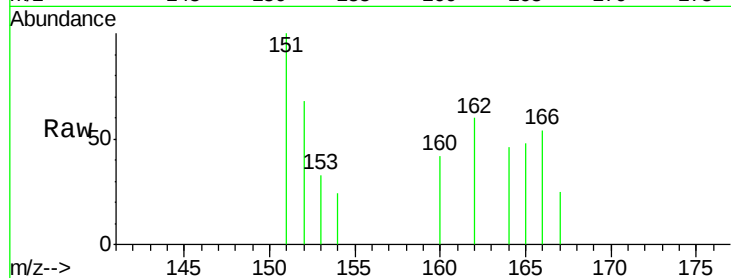
Tgt Ion:166 Resp: 140

Ion Ratio Lower Upper

166 100

165 89.4 73.4 110.2

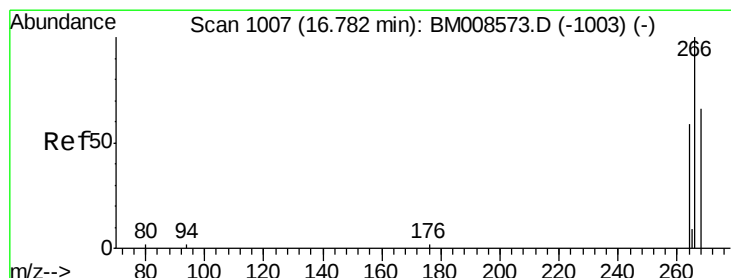
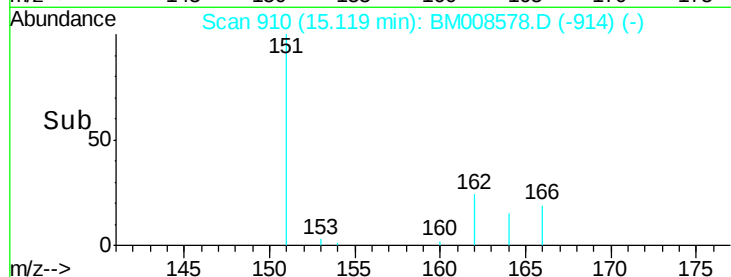
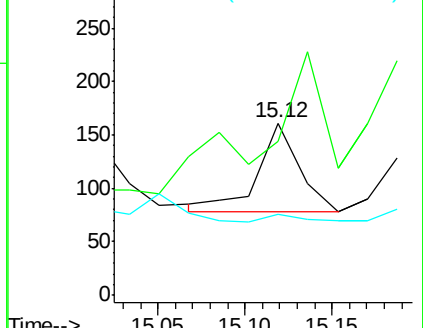
167 47.2 14.6 22.0#



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: 0.16 ng/ul

RT: 16.40 min Scan# 985

Delta R.T. -0.38 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

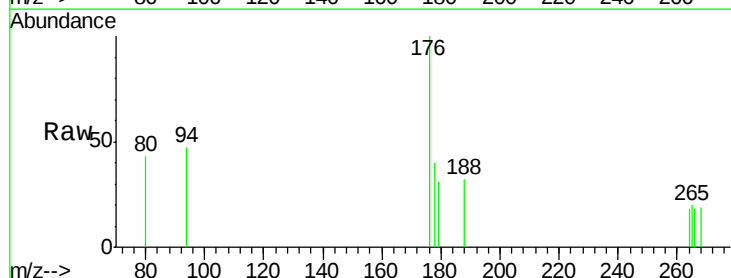
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

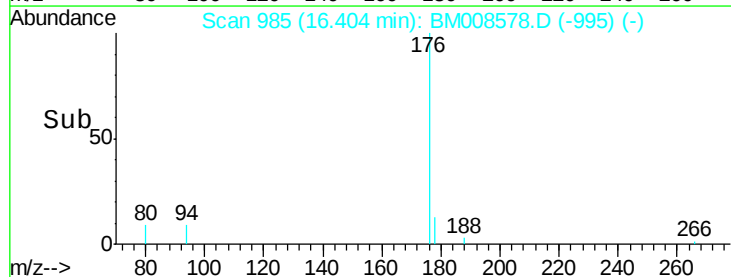
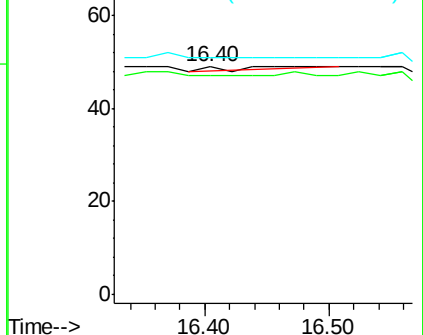
268 0.0 49.8 74.8#

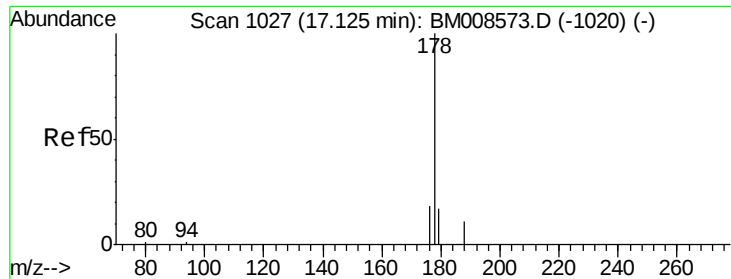


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.61 ng/ul

RT: 16.73 min Scan# 1004

Delta R.T. -0.39 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

Instrument :

BNA_M

ClientSampleId :

DA8S8DL

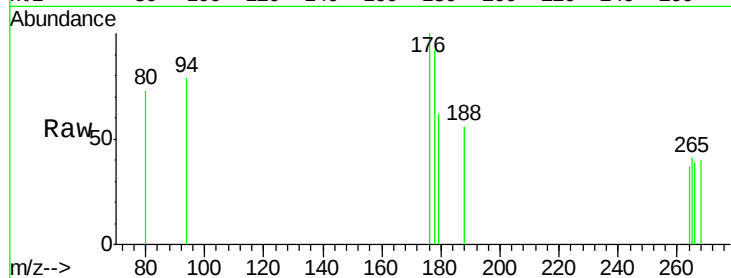
Tgt Ion:178 Resp: 112

Ion Ratio Lower Upper

178 100

176 109.1 18.4 27.6#

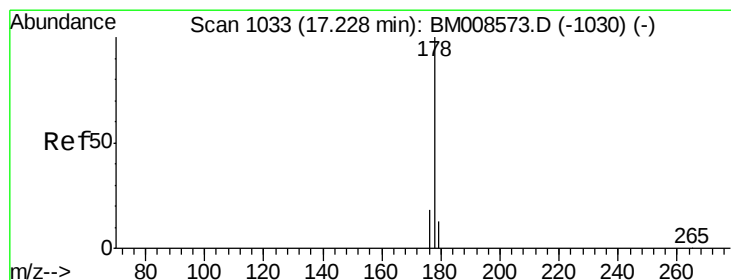
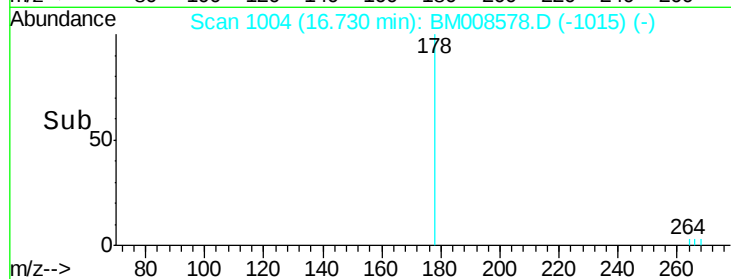
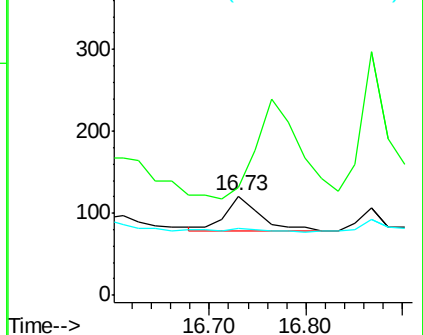
179 67.8 13.6 20.4#



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: 0.28 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.36 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

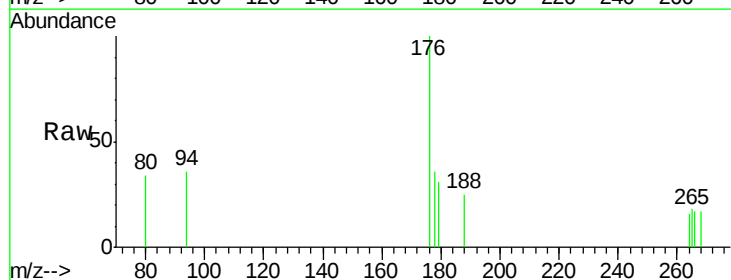
Tgt Ion:178 Resp: 50

Ion Ratio Lower Upper

178 100

176 280.2 18.1 27.1#

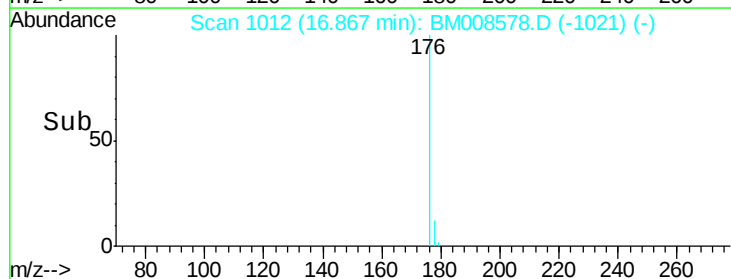
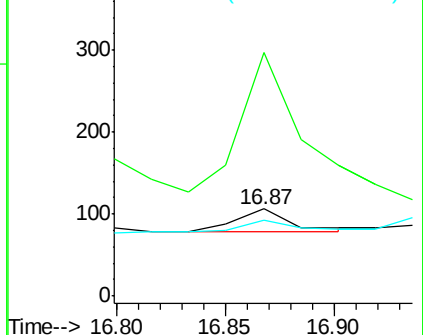
179 86.8 14.7 22.1#

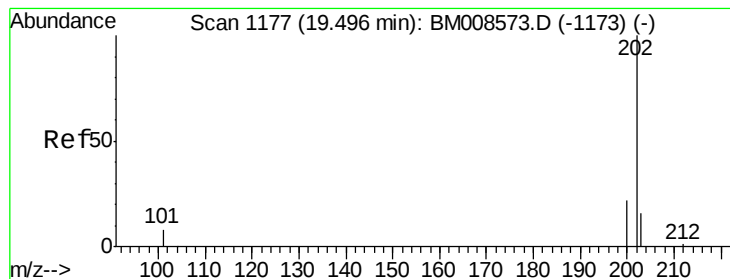


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Pyrene

Concen: 210.07 ng/ul

RT: 19.12 min Scan# 1146

Delta R.T. -0.38 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

Instrument :

BNA_M

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DA8S8DL

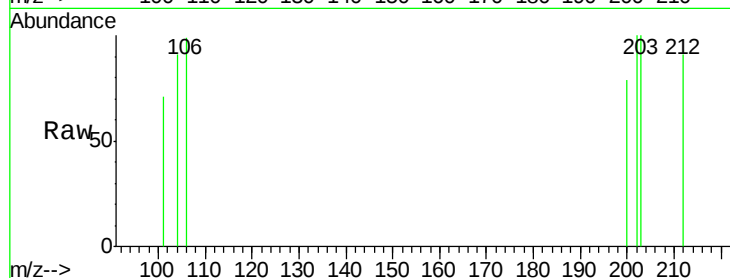
Tgt Ion:202 Resp: 812

Ion Ratio Lower Upper

202 100

200 79.1 18.2 27.4#

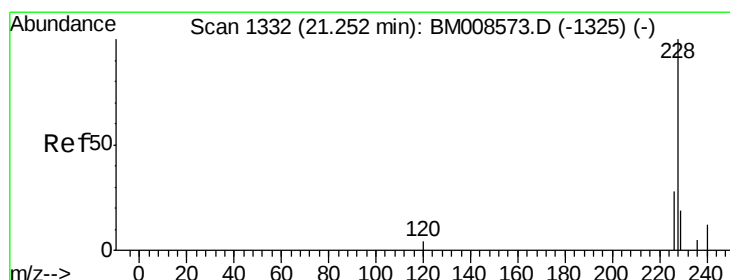
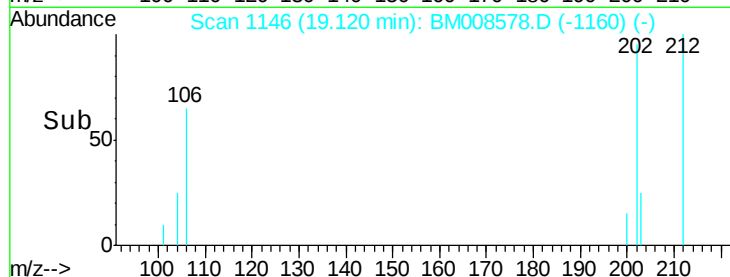
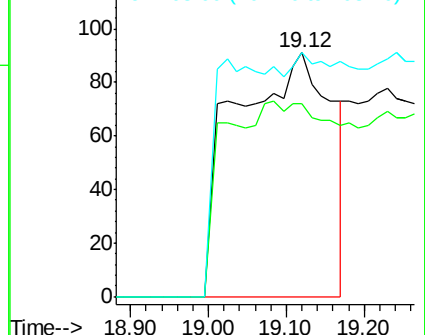
203 100.0 15.6 23.4#



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: 0.91 ng/ul

RT: 20.76 min Scan# 1285

Delta R.T. -0.49 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

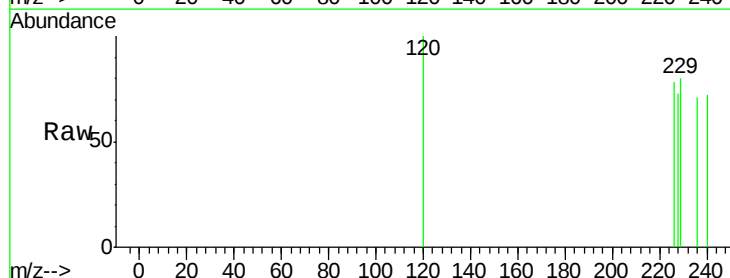
Tgt Ion:228 Resp: 3

Ion Ratio Lower Upper

228 100

226 107.2 22.8 34.2#

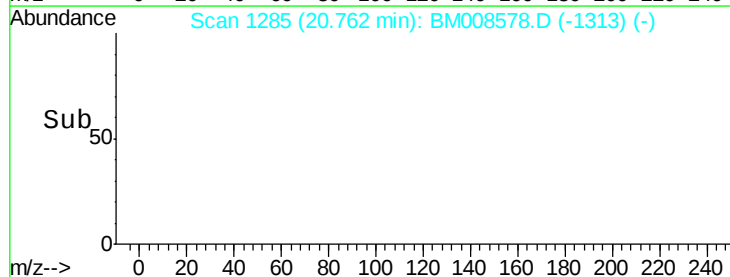
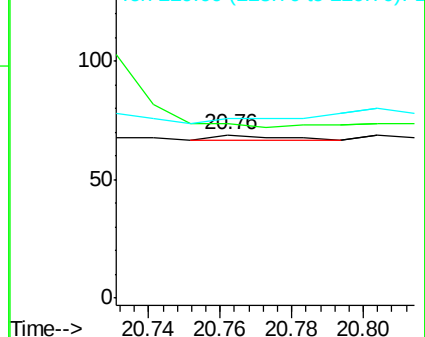
229 110.1 17.0 25.6#

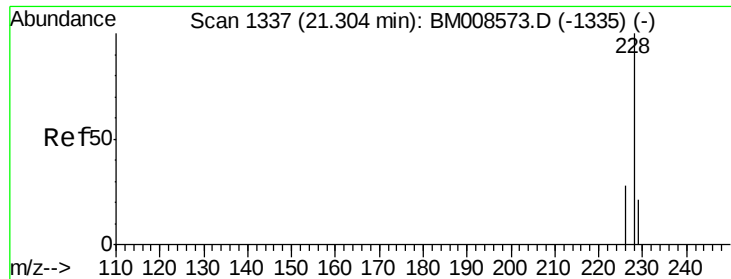


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 1.11 ng/ul

RT: 20.82 min Scan# 1291

Delta R.T. -0.48 min

Lab File: BM008578.D

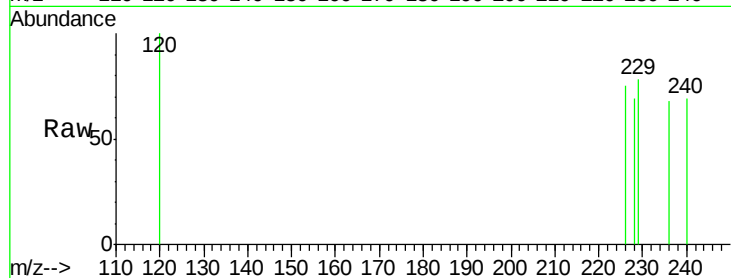
Acq: 23 Dec 2016 04:41

Instrument :

BNA_M

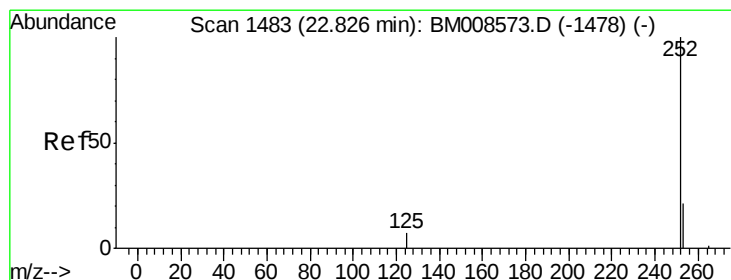
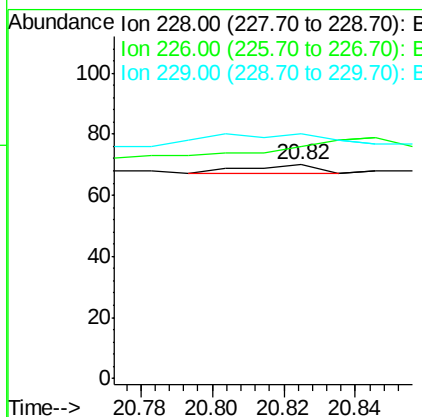
ClientSampleId :

DA8S8DL



Tgt Ion: 228 Resp: 4

Ion	Ratio	Lower	Upper
228	100		
226	108.6	23.4	35.0#
229	114.3	17.7	26.5#



#21

Benzo(b)fluoranthene

Concen: 0.76 ng/ul

RT: 22.30 min Scan# 1433

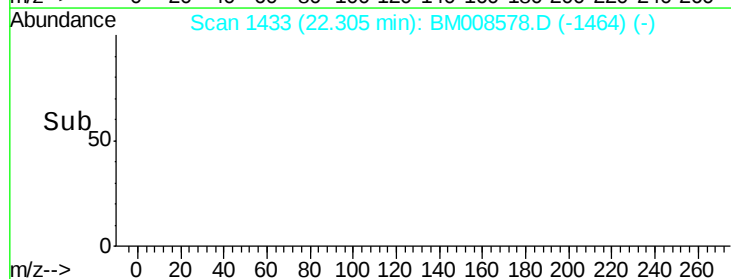
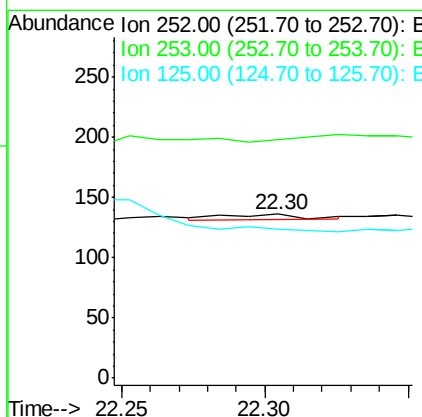
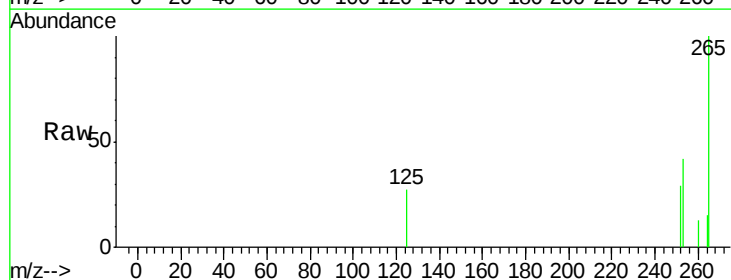
Delta R.T. -0.52 min

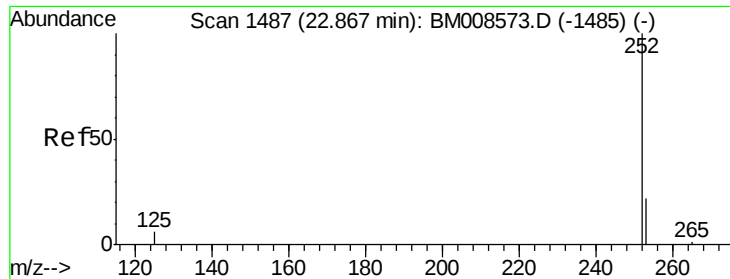
Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

Tgt Ion: 252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	145.6	0.0	64.2#
125	91.2	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.52 ng/ul

RT: 22.30 min Scan# 1433

Delta R.T. -0.56 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

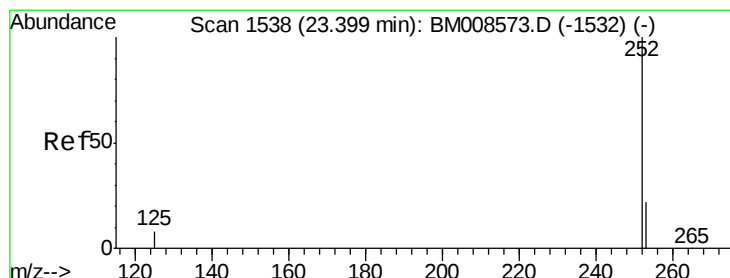
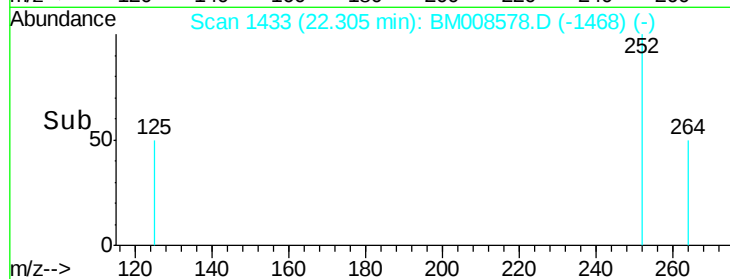
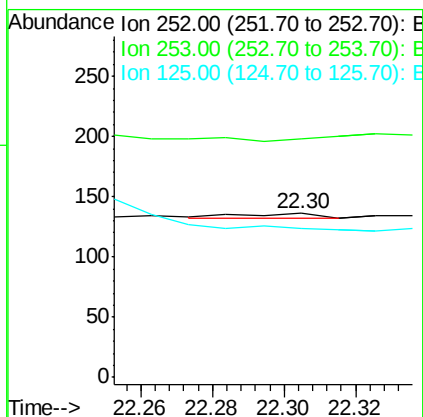
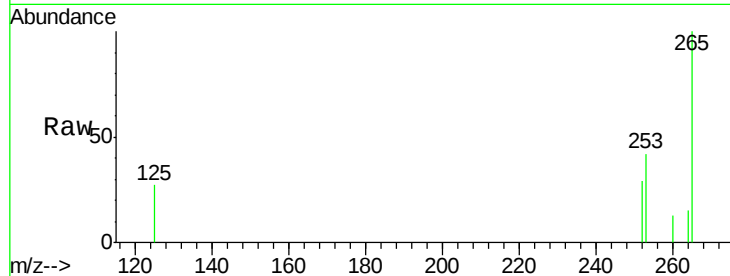
Instrument :

BNA_M

ClientSampleId :

DA8S8DL

Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	145.6	24.5	36.7#
125	91.2	13.7	20.5#



#23

Benzo(a)pyrene

Concen: 9.77 ng/ul

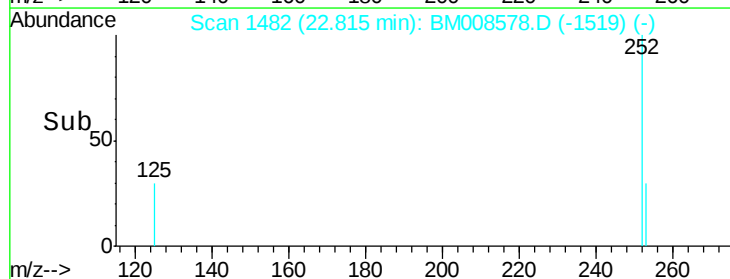
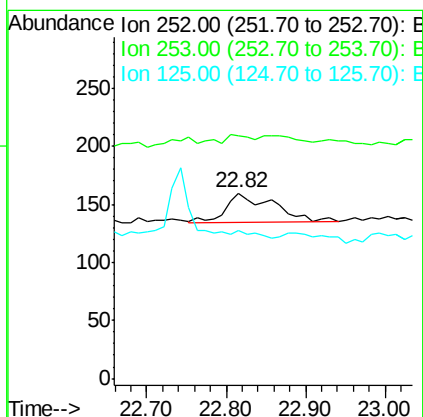
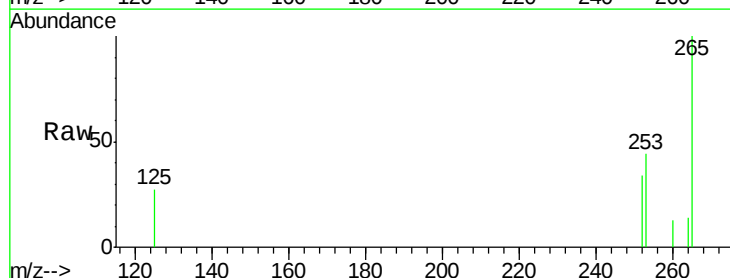
RT: 22.82 min Scan# 1482

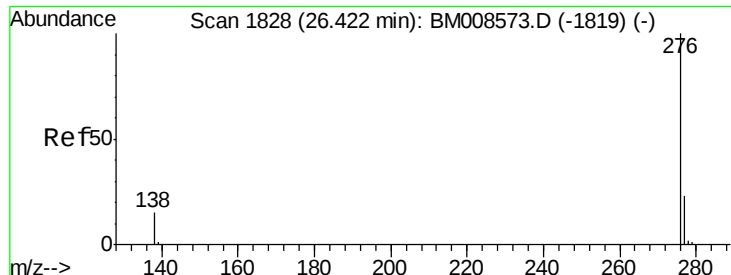
Delta R.T. -0.58 min

Lab File: BM008578.D

Acq: 23 Dec 2016 04:41

Tgt Ion:	252	Resp:	107
Ion	Ratio	Lower	Upper
252	100		
253	130.6	28.5	42.7#
125	80.0	18.1	27.1#





#26

Benzo(g,h,i)perylene

Concen: 3.93 ng/ul

RT: 25.77 min Scan# 1765

Delta R.T. -0.66 min

Lab File: BM008578.D

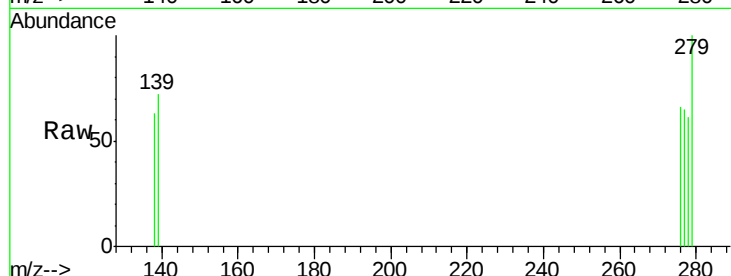
Acq: 23 Dec 2016 04:41

Instrument :

BNA_M

ClientSampleId :

DA8S8DL



Tgt Ion: 276 Resp: 44

Ion Ratio Lower Upper

276 100

277 98.6 21.8 32.8#

138 94.4 20.5 30.7#

