

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008581.D
 Acq On : 23 Dec 2016 06:29
 Operator : UM/SJ
 Sample : H5996-16DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA887DL

Quant Time: Dec 23 07:15:18 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	7.67	152	367	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.42	136	1248	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.14	164	352	0.40	ng/ul	-0.17
10) Phenanthrene-d10	16.92	188	28	0.40	ng/ul	-0.15
16) Chrysene-d12	21.12	240	28	0.40	ng/ul	-0.16
20) Perylene-d12	23.34	264	17799	0.40	ng/ul	-0.16

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	148	0.08	ng/ul	-0.17
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

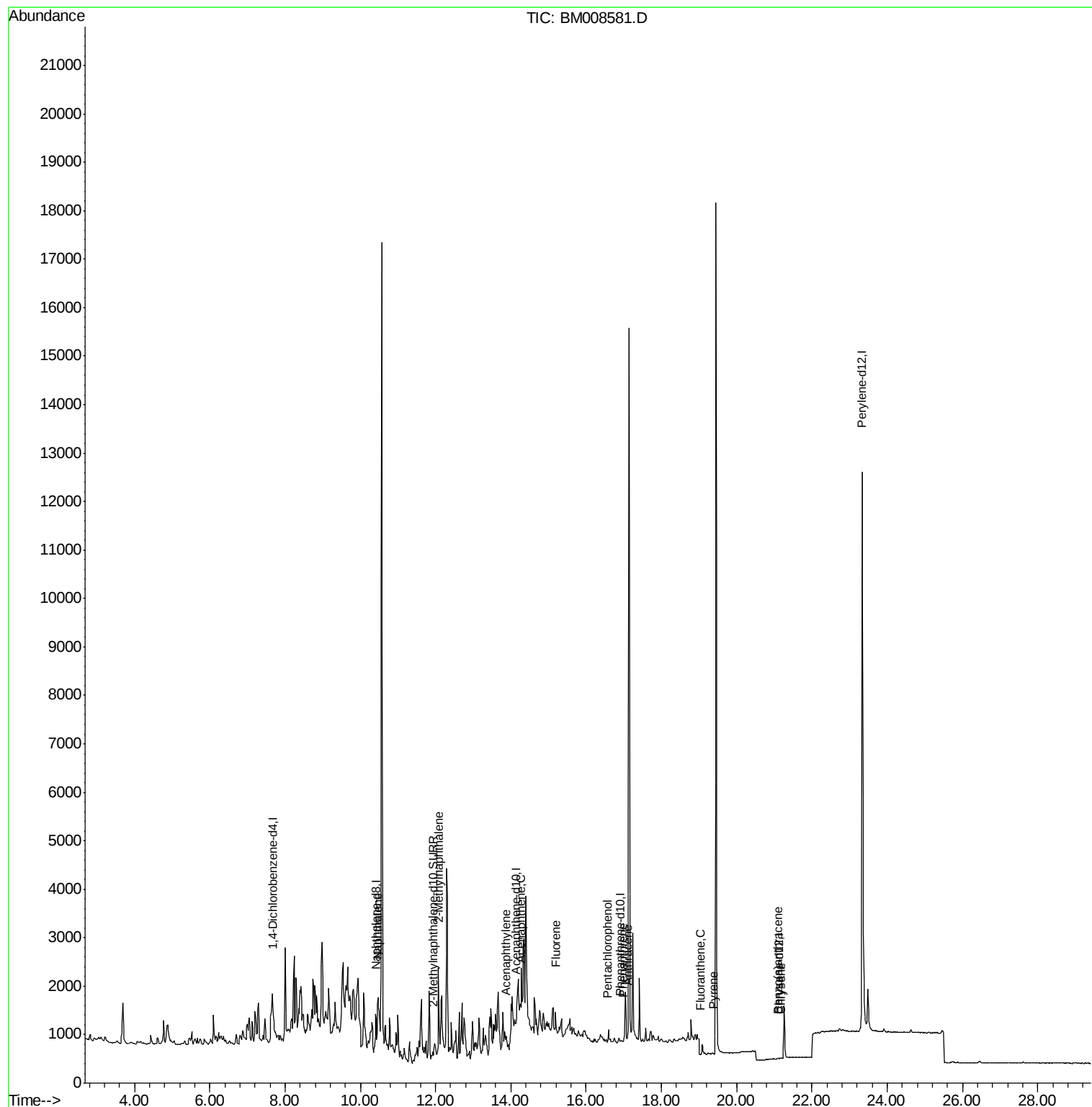
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	1065	0.30	ng/ul#	82
5) 2-Methylnaphthalene	12.08	142	1259	0.53	ng/ul	99
7) Acenaphthylene	13.86	152	127	0.08	ng/ul#	1
8) Acenaphthene	14.26	153	301	0.25	ng/ul#	67
9) Fluorene	15.19	166	33	0.02	ng/ul#	17
11) Pentachlorophenol	16.56	266	1	0.11	ng/ul#	20
12) Phenanthrene	16.99	178	24	0.28	ng/ul#	1
13) Anthracene	17.11	178	354	4.26	ng/ul#	42
15) Fluoranthene	19.05	202	351	3.35	ng/ul#	1
17) Pyrene	19.37	202	13	0.12	ng/ul#	1
18) Benzo(a)anthracene	21.11	228	8	0.09	ng/ul#	1
19) Chrysene	21.17	228	9	0.09	ng/ul#	1

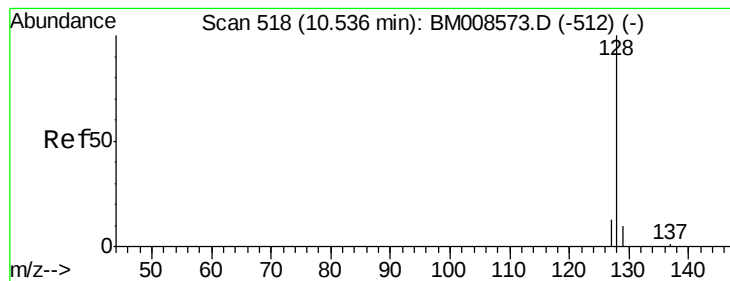
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.30 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.07 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

Instrument :

BNA_M

ClientSampleId :

DA887DL

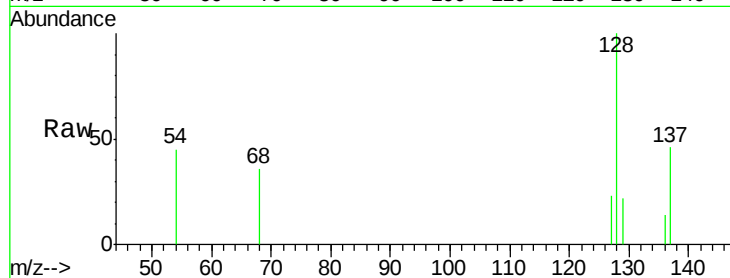
Tgt Ion:128 Resp: 1065

Ion Ratio Lower Upper

128 100

129 21.9 11.3 16.9#

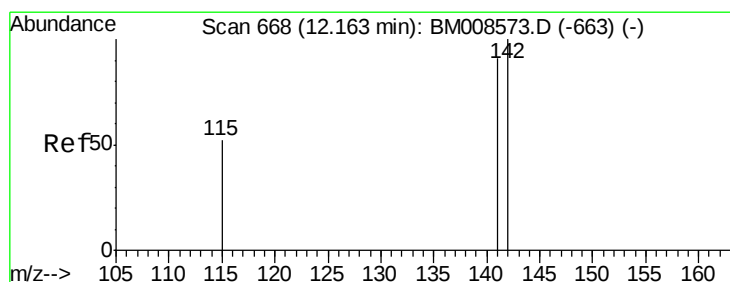
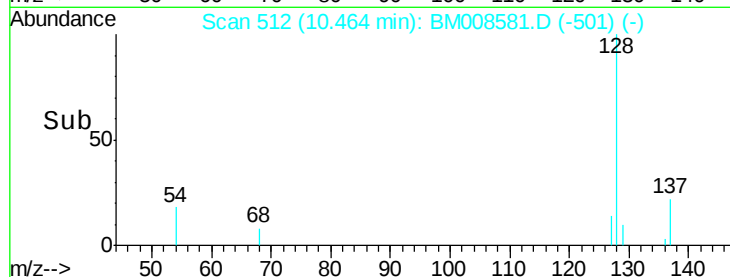
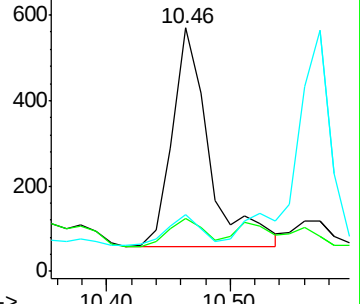
127 23.2 12.8 19.2#



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: 0.53 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.08 min

Lab File: BM008581.D

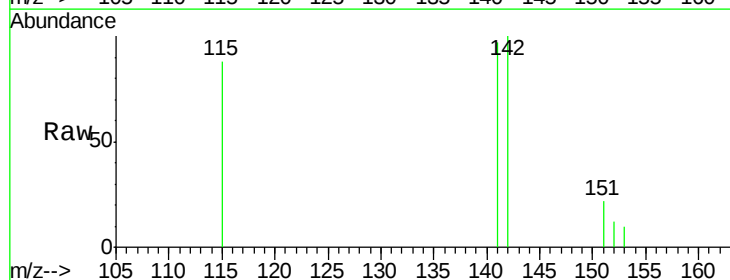
Acq: 23 Dec 2016 06:29

Tgt Ion:142 Resp: 1259

Ion Ratio Lower Upper

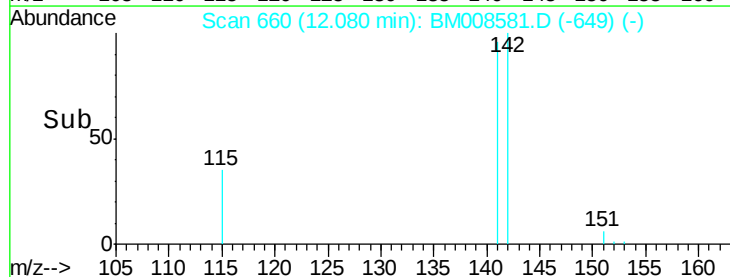
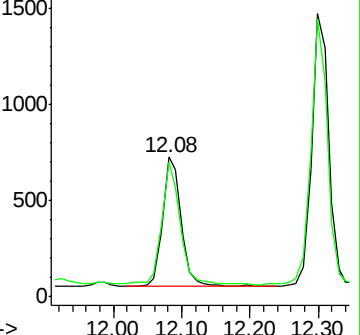
142 100

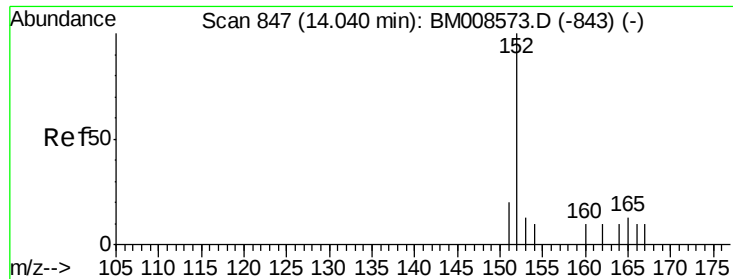
141 91.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 13.86 min Scan# 831

Delta R.T. -0.18 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

Instrument :

BNA_M

ClientSampleId :

DA887DL

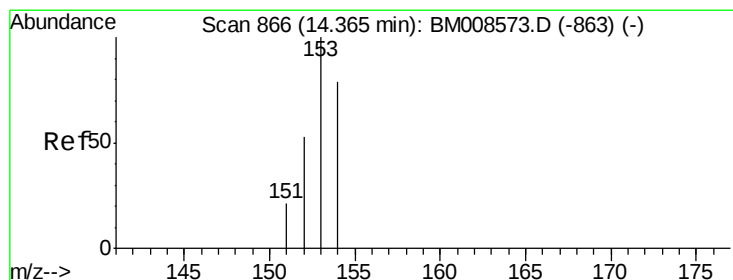
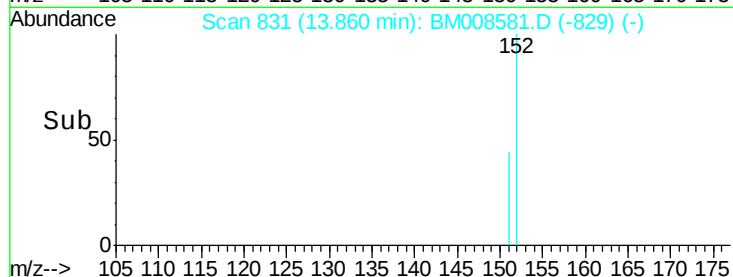
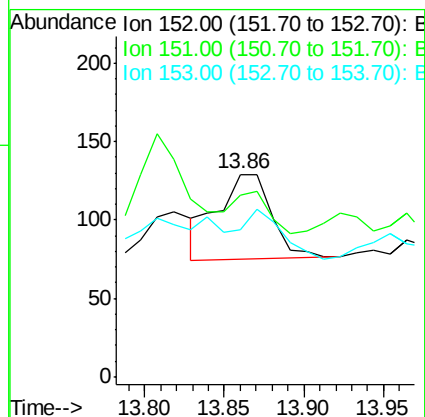
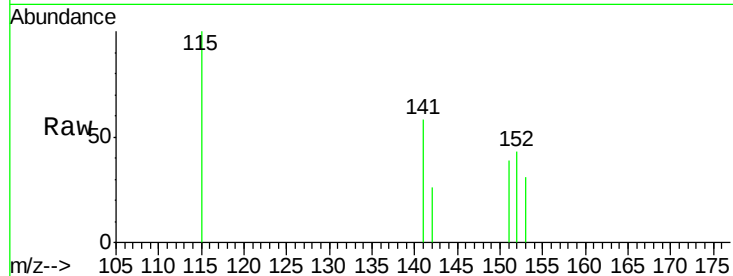
Tgt Ion:152 Resp: 127

Ion Ratio Lower Upper

152 100

151 89.9 17.1 25.7#

153 72.9 12.8 19.2#



#8

Acenaphthene

Concen: 0.25 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. -0.10 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

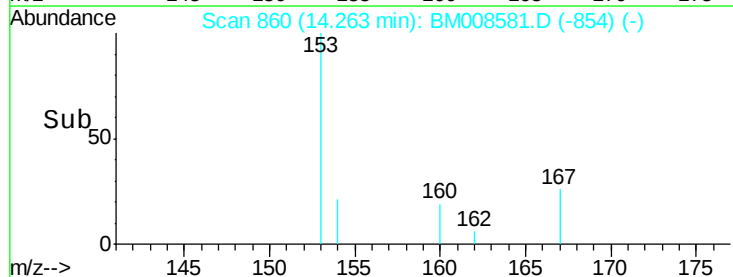
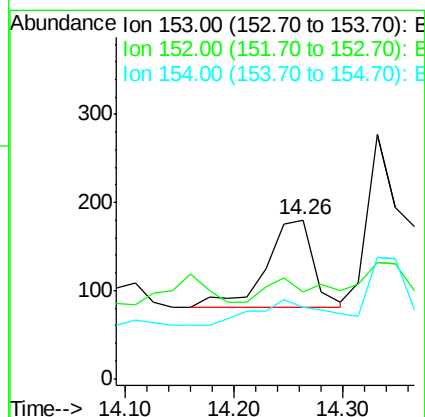
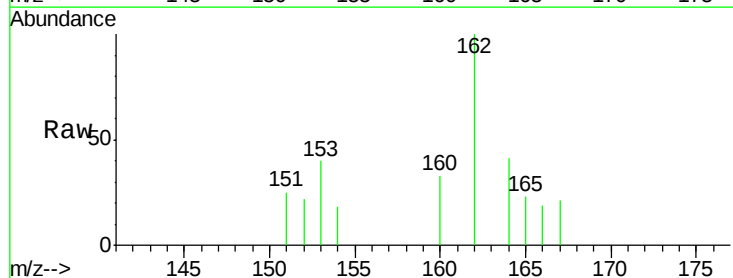
Tgt Ion:153 Resp: 301

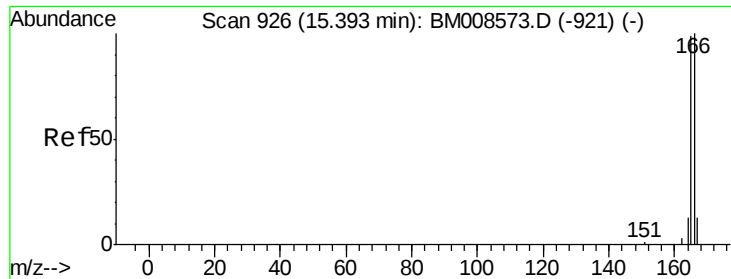
Ion Ratio Lower Upper

153 100

152 55.0 40.3 60.5

154 45.0 71.4 107.2#

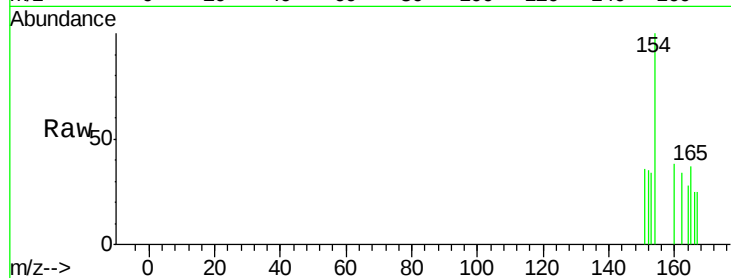




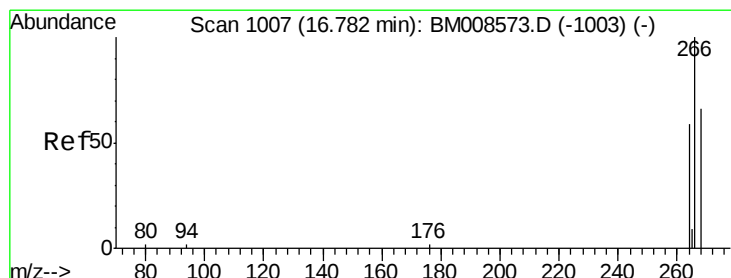
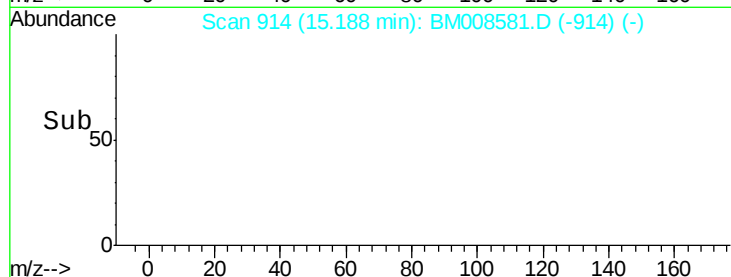
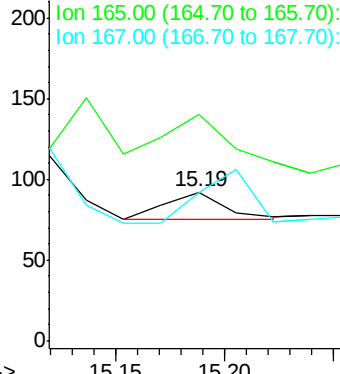
#9
Fluorene
 Concen: 0.02 ng/ul
 RT: 15.19 min Scan# 914
 Delta R.T. -0.21 min
 Lab File: BM008581.D
 Acq: 23 Dec 2016 06:29

Instrument :
 BNA_M
 ClientSampleId :
 DA887DL

Tgt Ion:166 Resp: 33
 Ion Ratio Lower Upper
 166 100
 165 152.2 73.4 110.2#
 167 100.0 14.6 22.0#

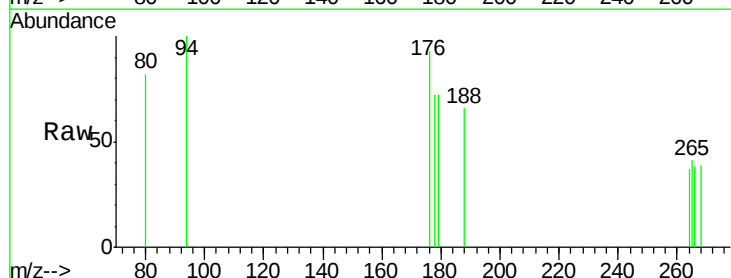


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

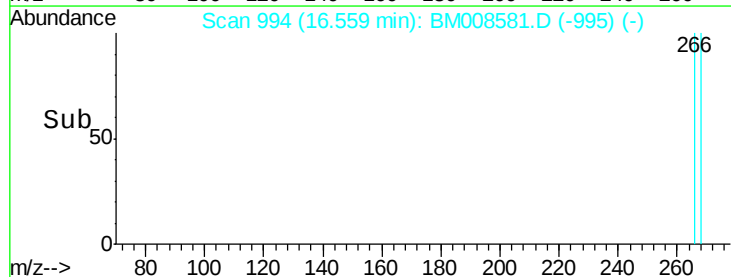
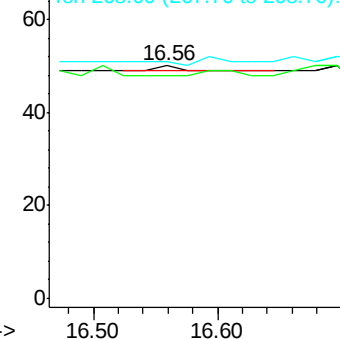


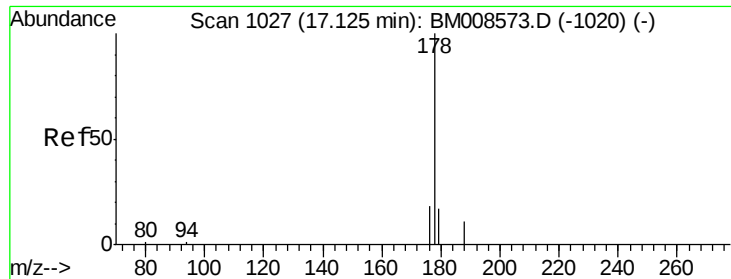
#11
Pentachlorophenol
 Concen: 0.11 ng/ul
 RT: 16.56 min Scan# 994
 Delta R.T. -0.22 min
 Lab File: BM008581.D
 Acq: 23 Dec 2016 06:29

Tgt Ion:266 Resp: 1
 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: 0.28 ng/ul

RT: 16.99 min Scan# 1019

Delta R.T. -0.14 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

Instrument :

BNA_M

ClientSampleId :

DA887DL

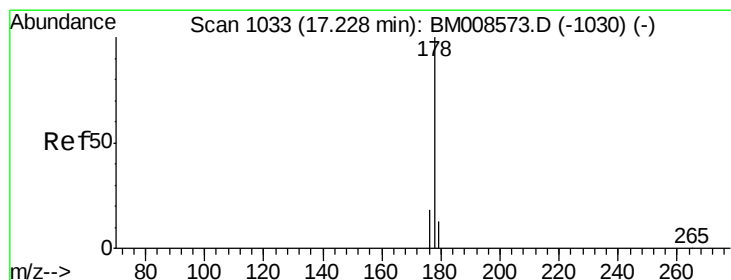
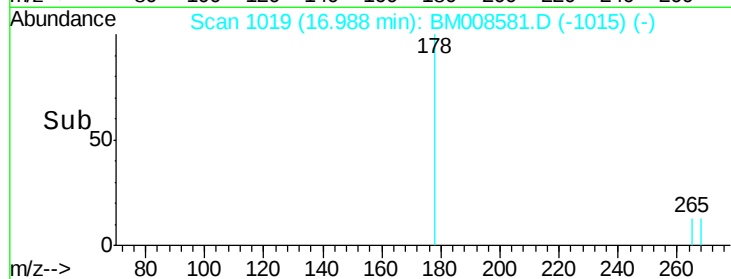
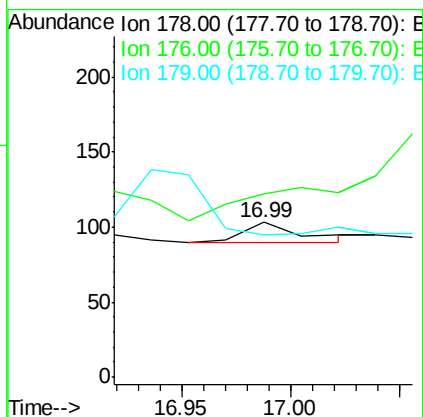
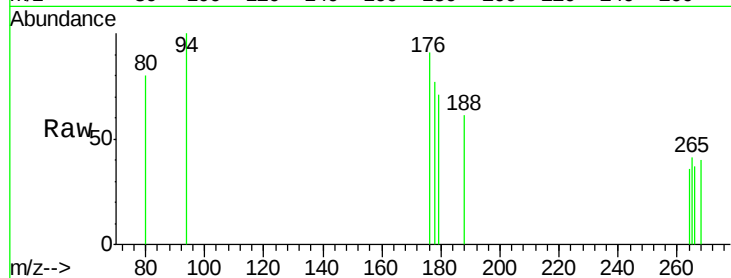
Tgt Ion:178 Resp: 24

Ion Ratio Lower Upper

178 100

176 118.4 18.4 27.6#

179 92.2 13.6 20.4#



#13

Anthracene

Concen: 4.26 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.12 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

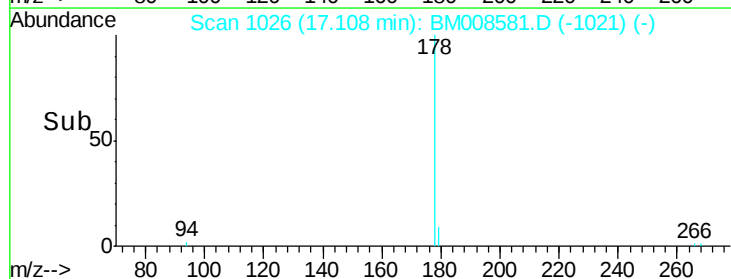
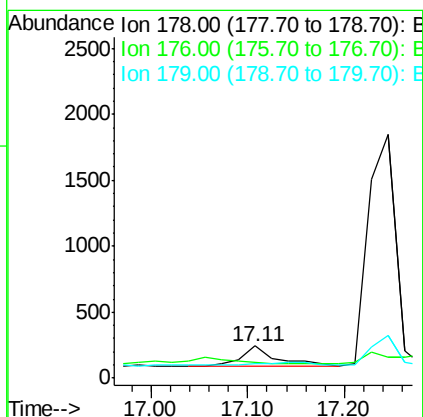
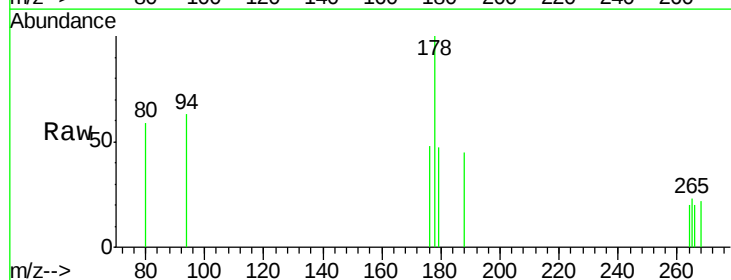
Tgt Ion:178 Resp: 354

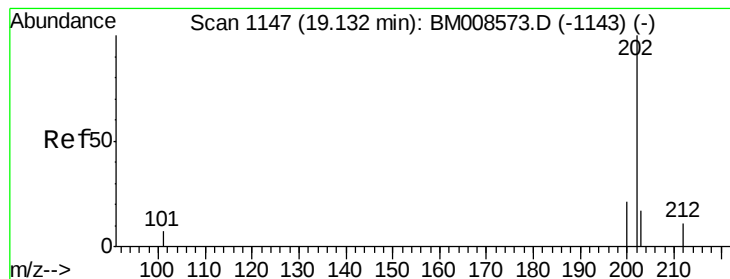
Ion Ratio Lower Upper

178 100

176 48.0 18.1 27.1#

179 46.7 14.7 22.1#





#15

Fluoranthene

Concen: 3.35 ng/ul

RT: 19.05 min Scan# 1140

Delta R.T. -0.08 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

Instrument :

BNA_M

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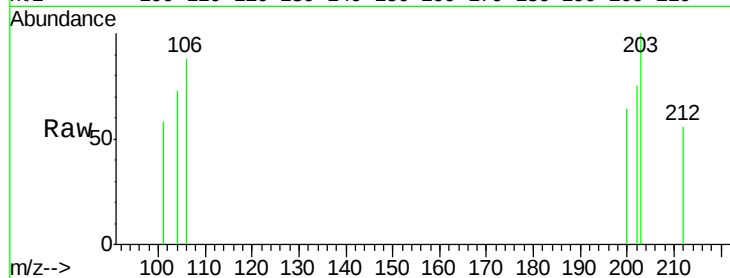
Tgt Ion:202 Resp: 351

Ion Ratio Lower Upper

202 100

101 77.9 0.0 30.3#

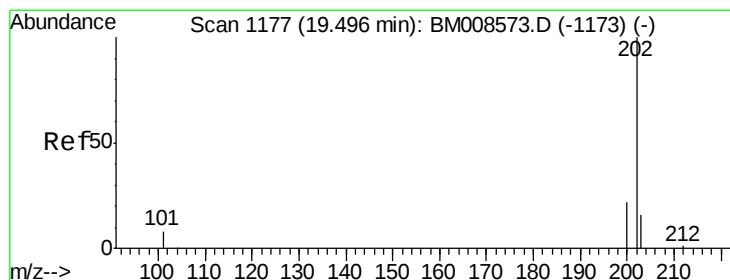
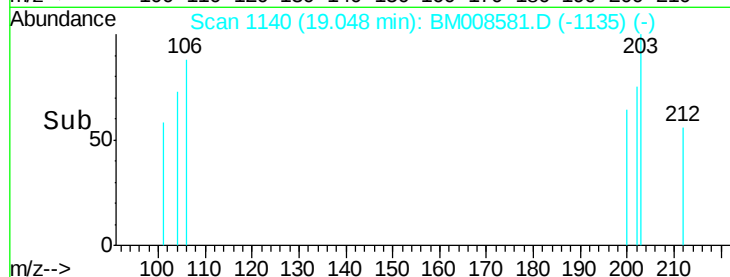
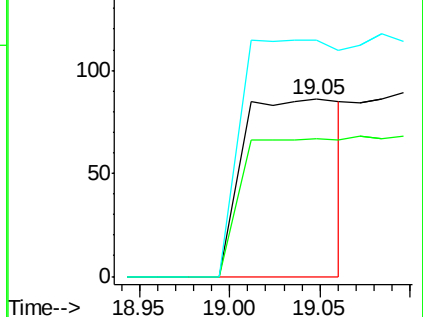
203 133.7 0.0 39.5#



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: 0.12 ng/ul

RT: 19.37 min Scan# 1167

Delta R.T. -0.12 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

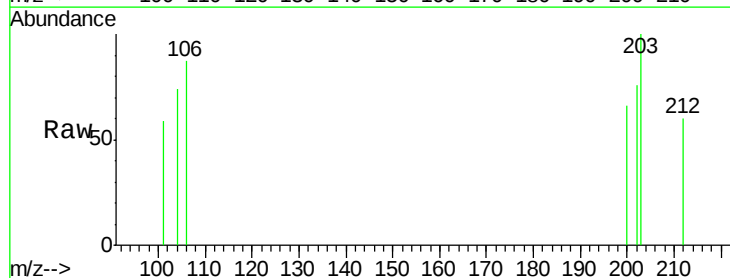
Tgt Ion:202 Resp: 13

Ion Ratio Lower Upper

202 100

200 86.5 18.2 27.4#

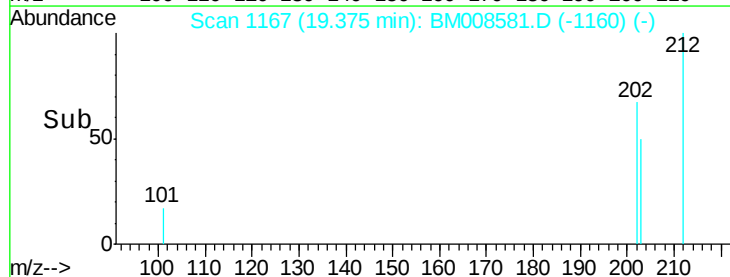
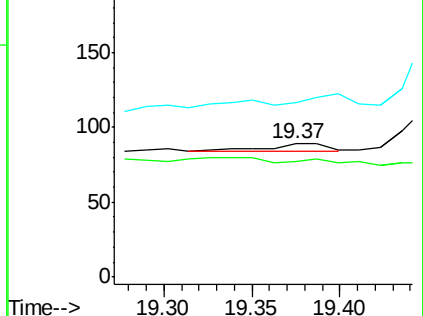
203 131.5 15.6 23.4#

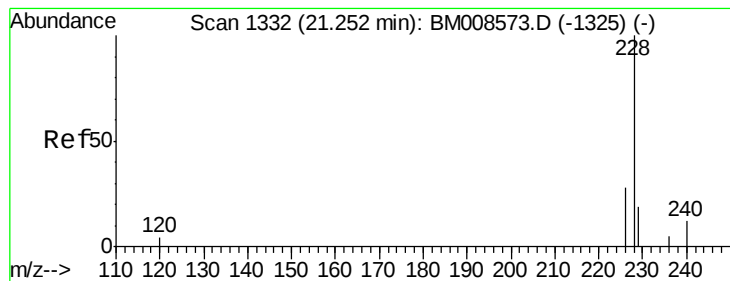


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 21.11 min Scan# 1318

Delta R.T. -0.15 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

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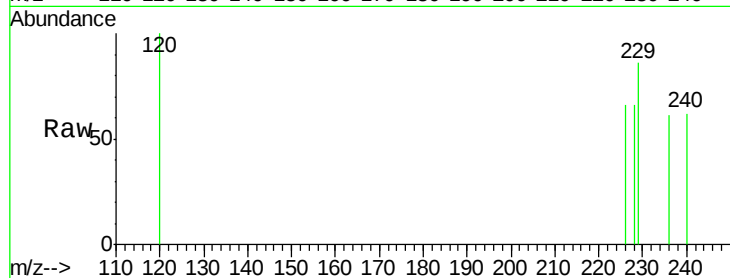
Tgt Ion:228 Resp: 8

Ion Ratio Lower Upper

228 100

226 100.0 22.8 34.2#

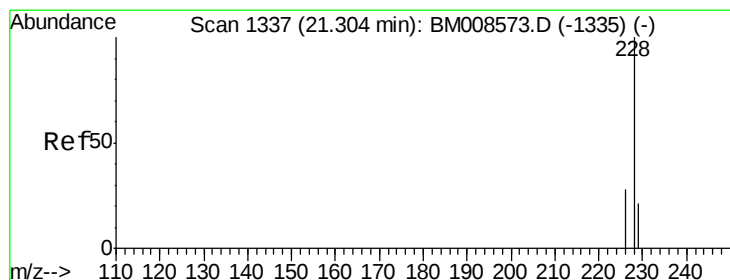
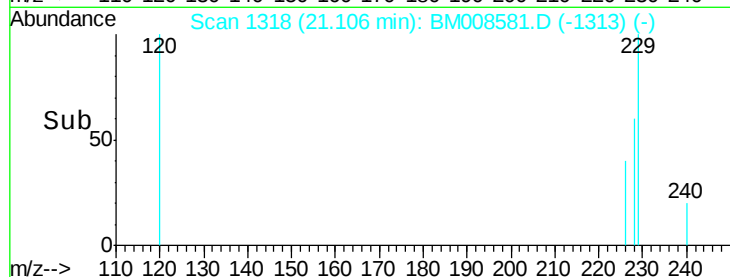
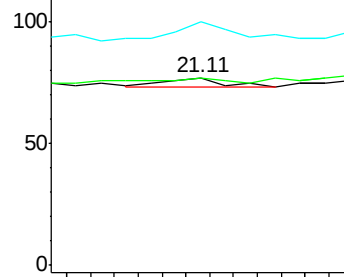
229 129.9 17.0 25.6#



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: 0.09 ng/ul

RT: 21.17 min Scan# 1324

Delta R.T. -0.14 min

Lab File: BM008581.D

Acq: 23 Dec 2016 06:29

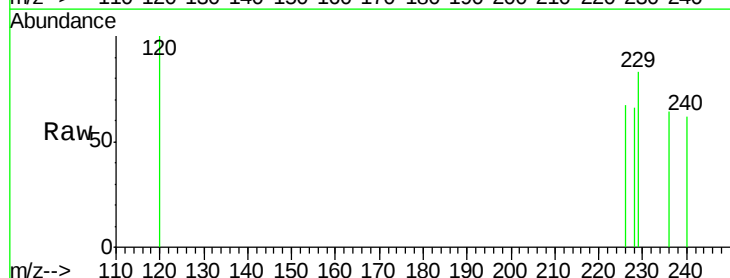
Tgt Ion:228 Resp: 9

Ion Ratio Lower Upper

228 100

226 102.6 23.4 35.0#

229 126.3 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

