

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008577.D
 Acq On : 23 Dec 2016 04:05
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Quant Time: Dec 23 05:54:10 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	508	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.35	136	655	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.14	164	655	0.40	ng/ul	-0.17
10) Phenanthrene-d10	16.92	188	59	0.40	ng/ul	-0.15
16) Chrysene-d12	21.07	240	53	0.40	ng/ul	-0.20
20) Perylene-d12	23.34	264	29103	0.40	ng/ul	-0.16

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	243	0.24	ng/ul	-0.17
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

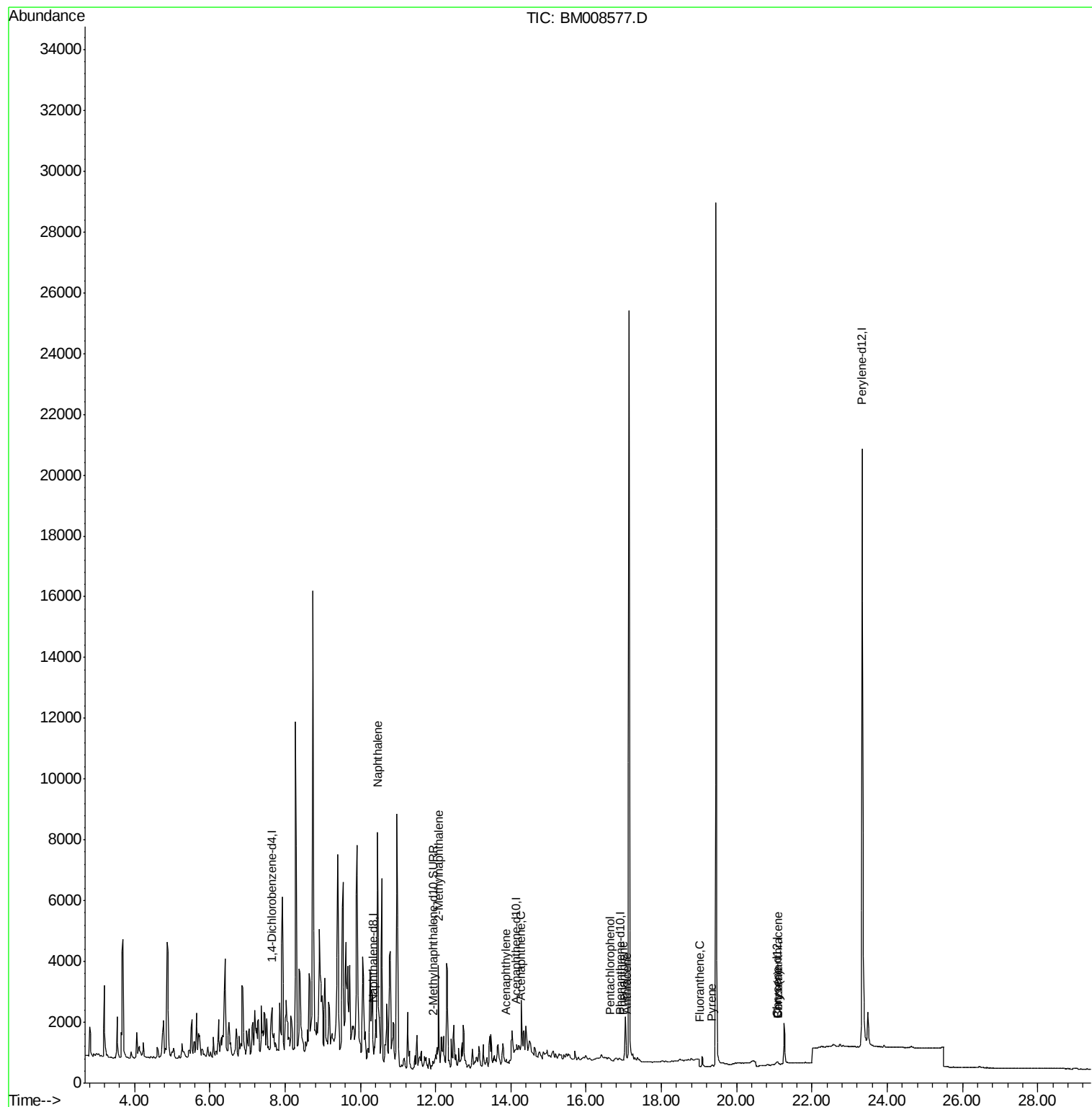
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	9813	5.32	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	2219	1.79	ng/ul	99
7) Acenaphthylene	13.86	152	244	0.08	ng/ul#	49
8) Acenaphthene	14.26	153	63	0.03	ng/ul#	67
11) Pentachlorophenol	16.64	266	2	0.11	ng/ul#	3
12) Phenanthrene	16.99	178	15	0.08	ng/ul#	1
13) Anthracene	17.09	178	47	0.27	ng/ul#	1
15) Fluoranthene	19.02	202	132	0.60	ng/ul#	1
17) Pyrene	19.34	202	9	0.04	ng/ul#	1
18) Benzo(a)anthracene	21.11	228	16	0.09	ng/ul#	1
19) Chrysene	21.11	228	13	0.07	ng/ul#	1

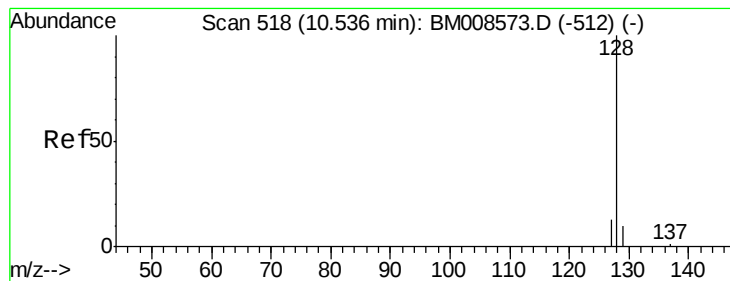
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 5.32 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.07 min

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ClientSampleId :

DA8S7DL

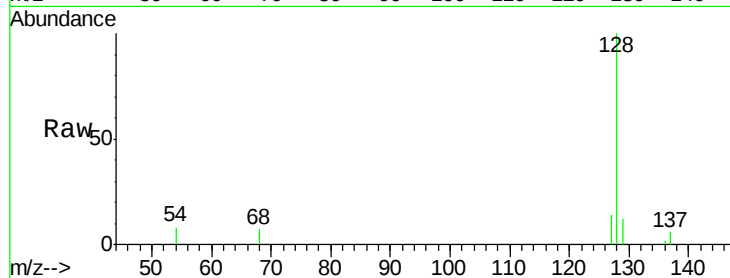
Tgt Ion:128 Resp: 9813

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

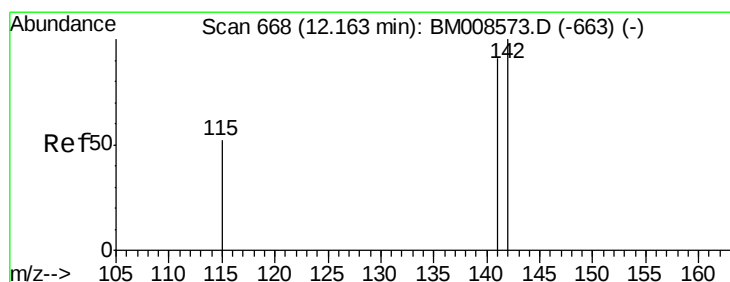
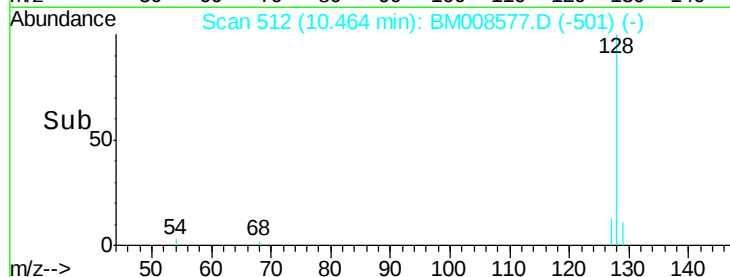
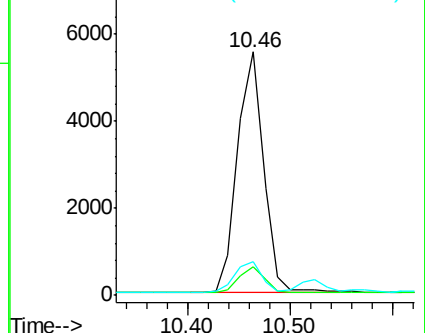
127 13.6 12.8 19.2



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: 1.79 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.08 min

Lab File: BM008577.D

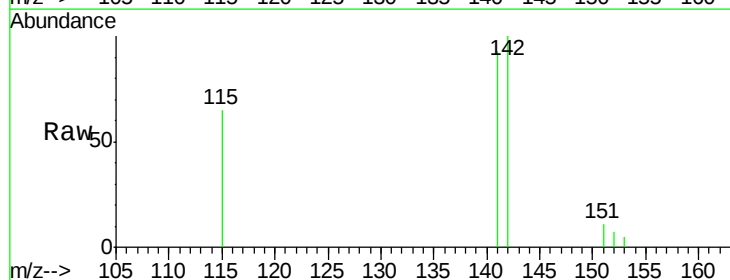
Acq: 23 Dec 2016 04:05

Tgt Ion:142 Resp: 2219

Ion Ratio Lower Upper

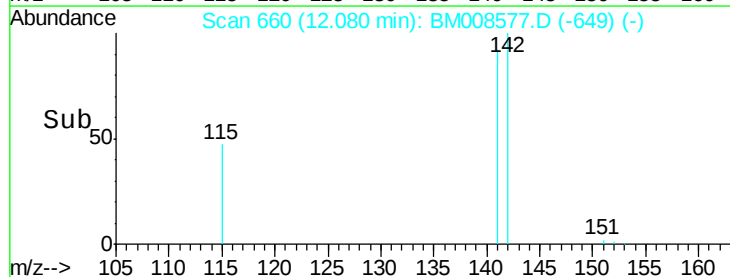
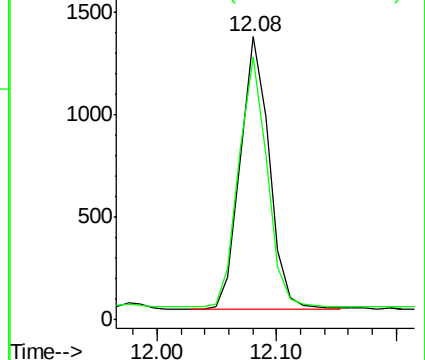
142 100

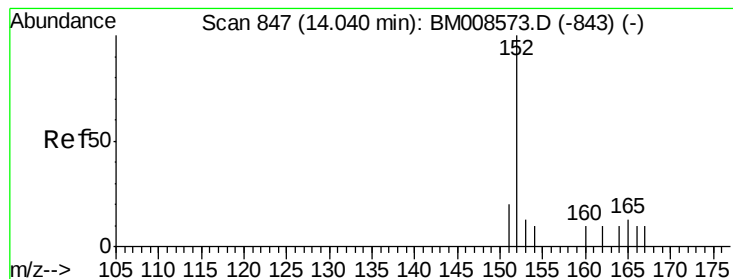
141 90.1 72.6 108.8



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: BM008577.D

Acq: 23 Dec 2016 04:05

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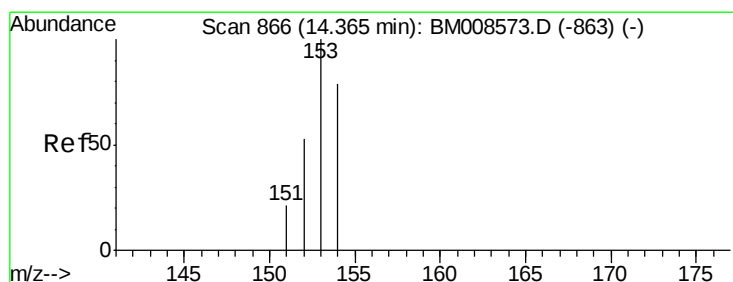
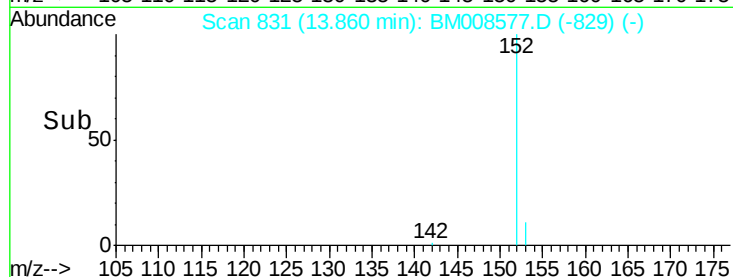
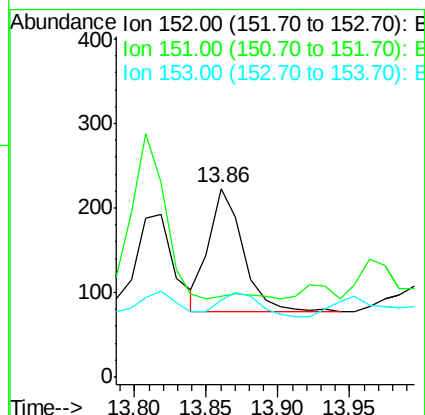
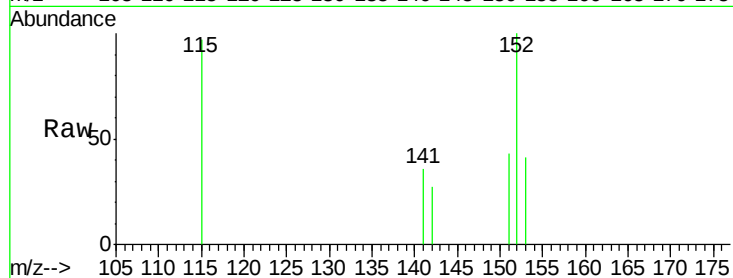
Tgt Ion:152 Resp: 244

Ion Ratio Lower Upper

152 100

151 42.6 17.1 25.7#

153 40.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. -0.10 min

Lab File: BM008577.D

Acq: 23 Dec 2016 04:05

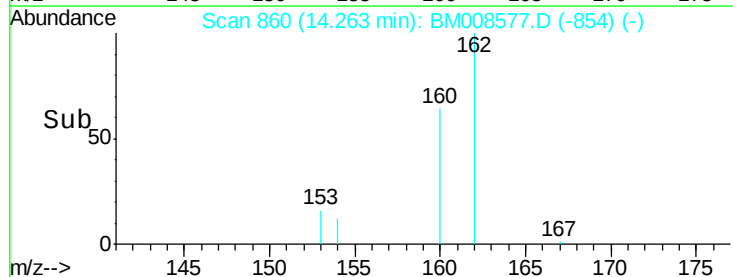
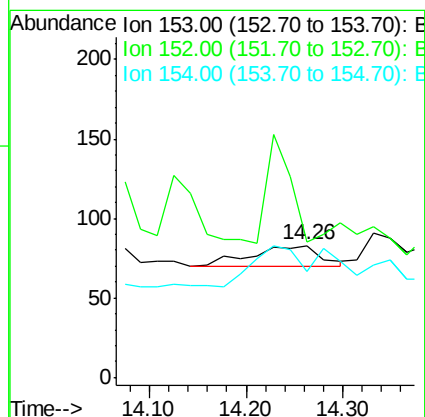
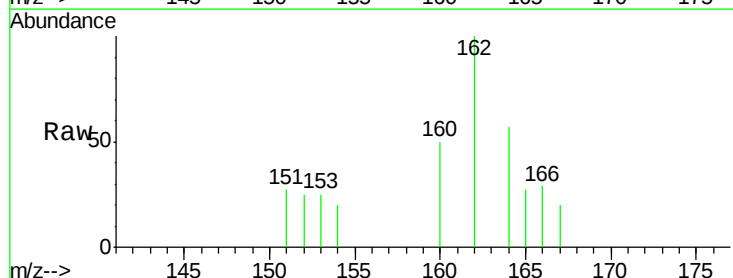
Tgt Ion:153 Resp: 63

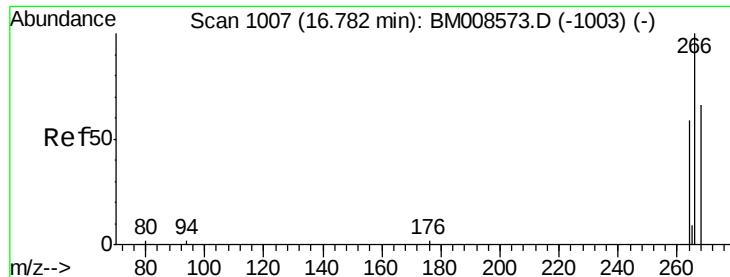
Ion Ratio Lower Upper

153 100

152 102.4 40.3 60.5#

154 80.7 71.4 107.2

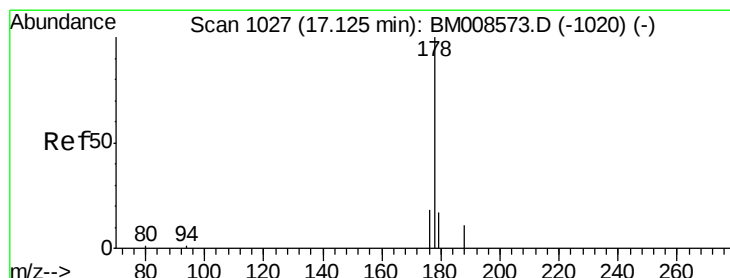
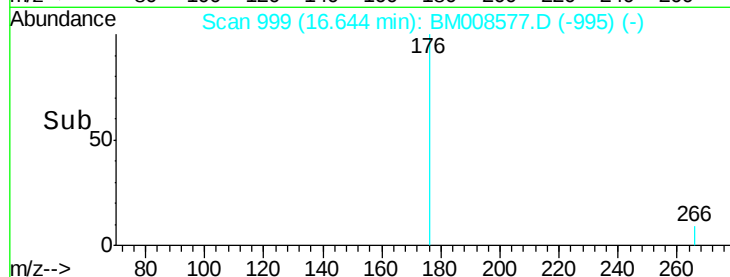
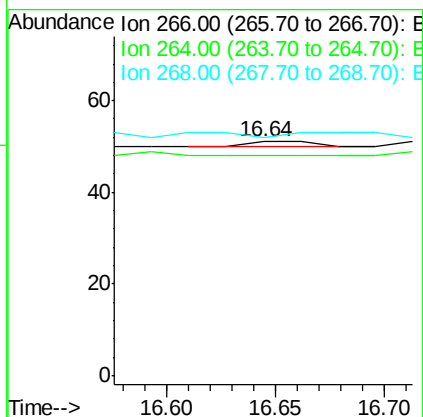
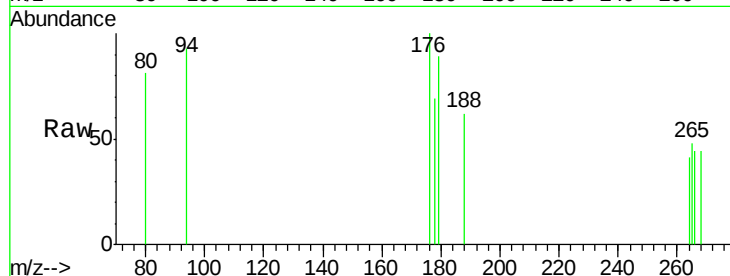




#11
 Pentachlorophenol
 Concen: 0.11 ng/ul
 RT: 16.64 min Scan# 999
 Delta R.T. -0.14 min
 Lab File: BM008577.D
 Acq: 23 Dec 2016 04:05

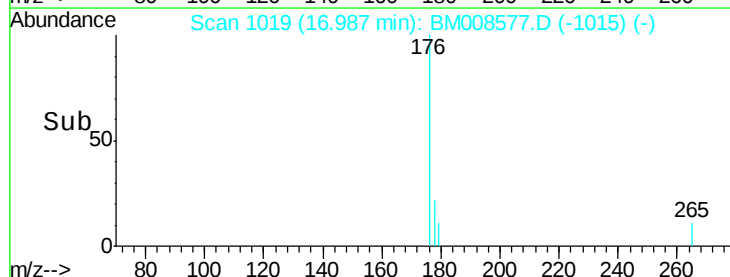
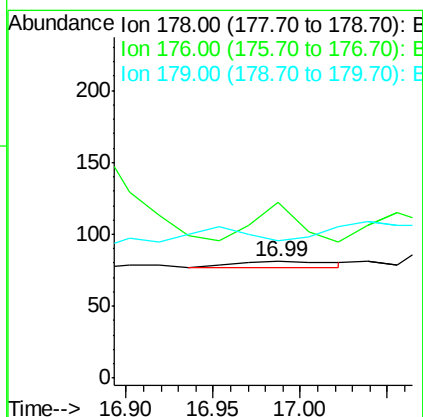
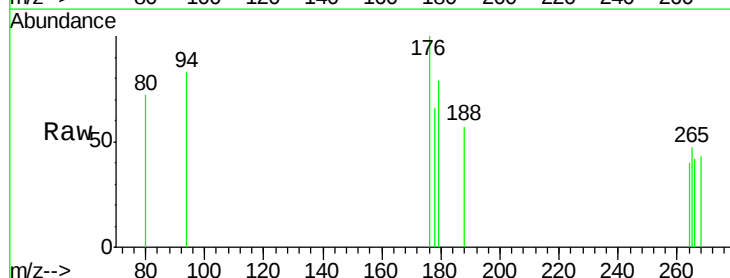
Instrument :
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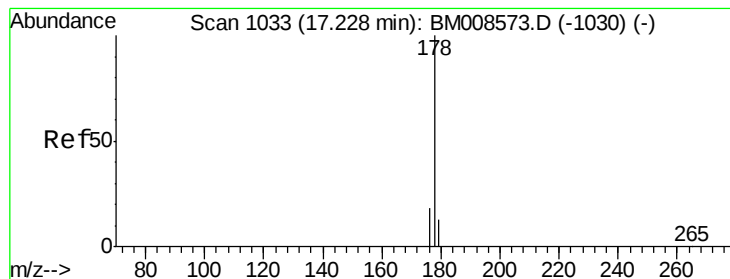
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 150.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.08 ng/ul
 RT: 16.99 min Scan# 1019
 Delta R.T. -0.14 min
 Lab File: BM008577.D
 Acq: 23 Dec 2016 04:05

Tgt Ion: 178 Resp: 15
 Ion Ratio Lower Upper
 178 100
 176 150.6 18.4 27.6#
 179 118.5 13.6 20.4#





#13

Anthracene

Concen: 0.27 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.14 min

Lab File: BM008577.D

Acq: 23 Dec 2016 04:05

Instrument :

BNA_M

ClientSampleId :

DA8S7DL

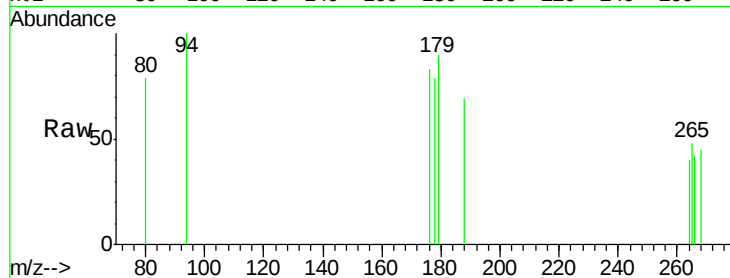
Tgt Ion:178 Resp: 47

Ion Ratio Lower Upper

178 100

176 105.3 18.1 27.1#

179 114.7 14.7 22.1#



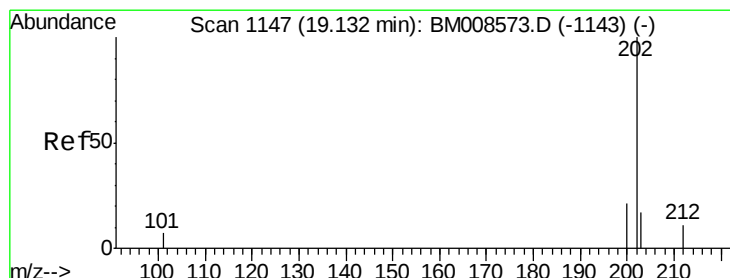
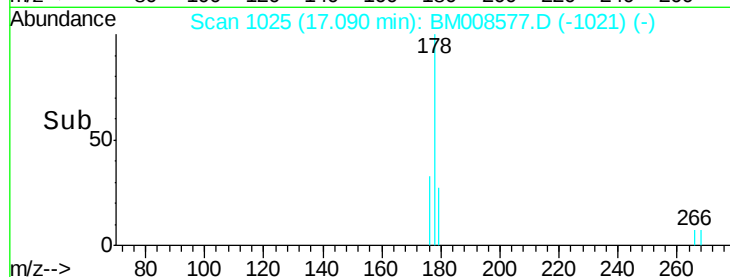
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.09

Time-->



#15

Fluoranthene

Concen: 0.60 ng/ul

RT: 19.02 min Scan# 1138

Delta R.T. -0.11 min

Lab File: BM008577.D

Acq: 23 Dec 2016 04:05

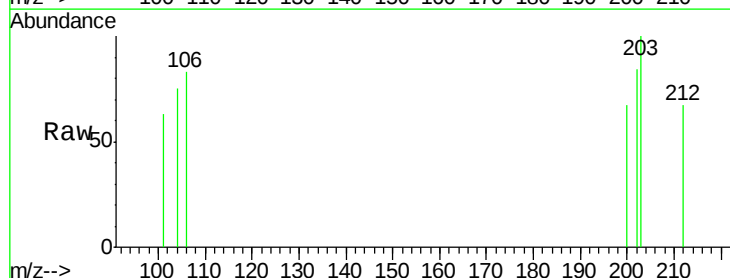
Tgt Ion:202 Resp: 132

Ion Ratio Lower Upper

202 100

101 75.0 0.0 30.3#

203 119.0 0.0 39.5#



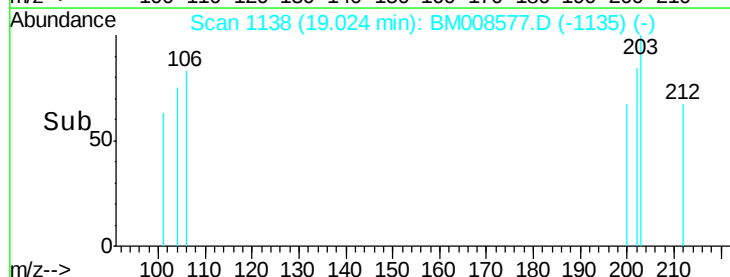
Abundance Ion 202.00 (201.70 to 202.70): E

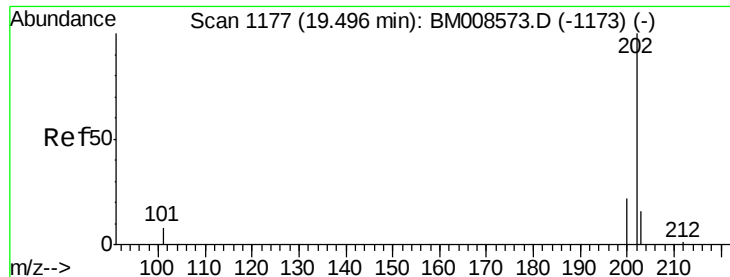
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.02

Time-->

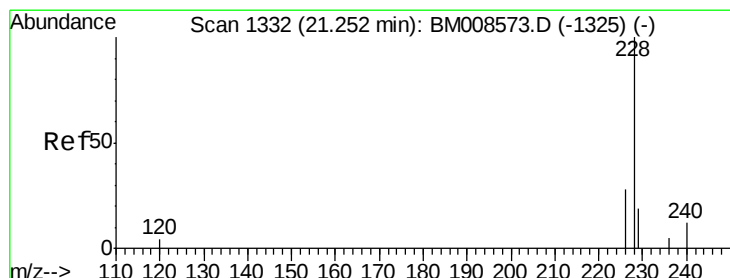
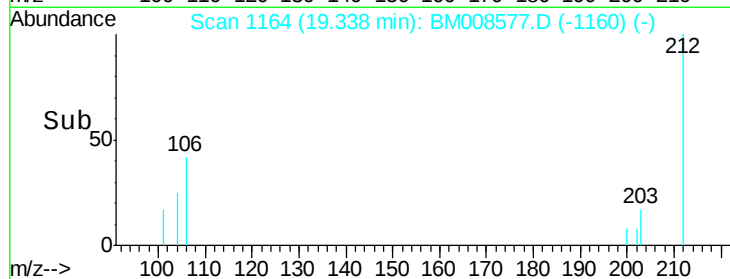
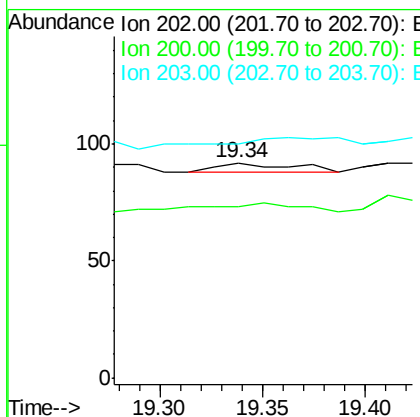
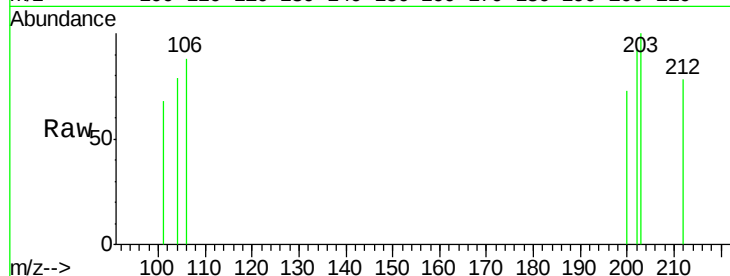




#17
 Pyrene
 Concen: 0.04 ng/ul
 RT: 19.34 min Scan# 1164
 Delta R.T. -0.16 min
 Lab File: BM008577.D
 Acq: 23 Dec 2016 04:05

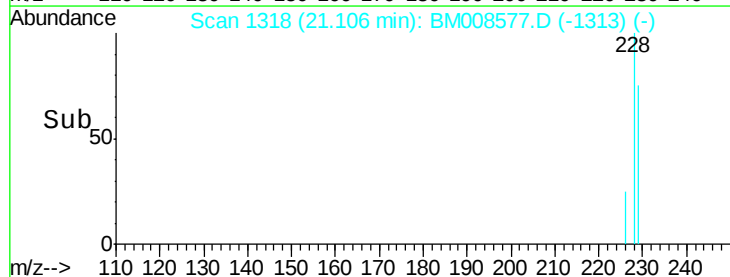
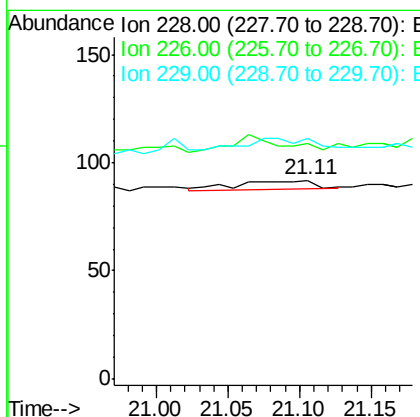
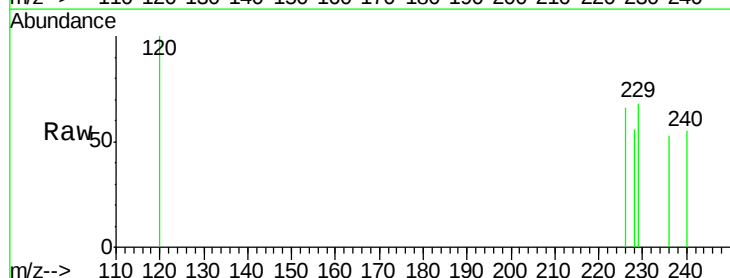
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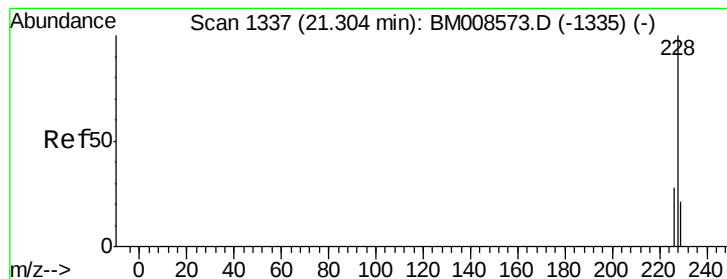
Tgt Ion: 202 Resp: 9
 Ion Ratio Lower Upper
 202 100
 200 79.3 18.2 27.4#
 203 108.7 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.09 ng/ul
 RT: 21.11 min Scan# 1318
 Delta R.T. -0.15 min
 Lab File: BM008577.D
 Acq: 23 Dec 2016 04:05

Tgt Ion: 228 Resp: 16
 Ion Ratio Lower Upper
 228 100
 226 118.5 22.8 34.2#
 229 120.7 17.0 25.6#





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.11 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BM008577.D

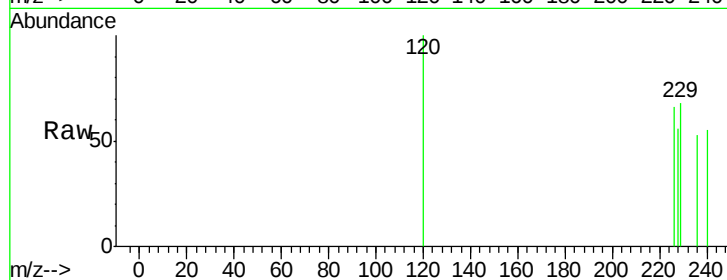
Acq: 23 Dec 2016 04:05

Instrument :

BNA_M

ClientSampleId :

DA8S7DL



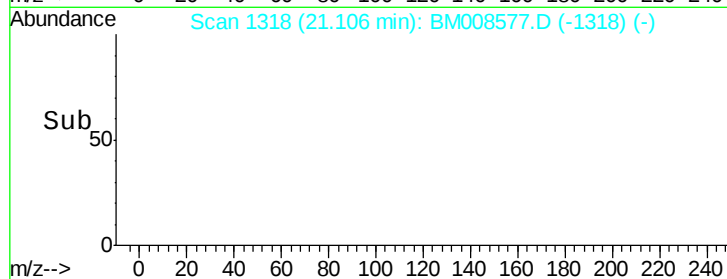
Tgt Ion: 228 Resp: 13

Ion Ratio Lower Upper

228 100

226 118.5 23.4 35.0#

229 120.7 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

150

100

21.11

50

0

Time-->