

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008637.D
 Acq On : 24 Dec 2016 17:38
 Operator : UM/SJ
 Sample : H5995-13DL 2X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA881DL

Quant Time: Dec 26 00:01:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 23:48:32 2016
 Response via : Initial Calibration

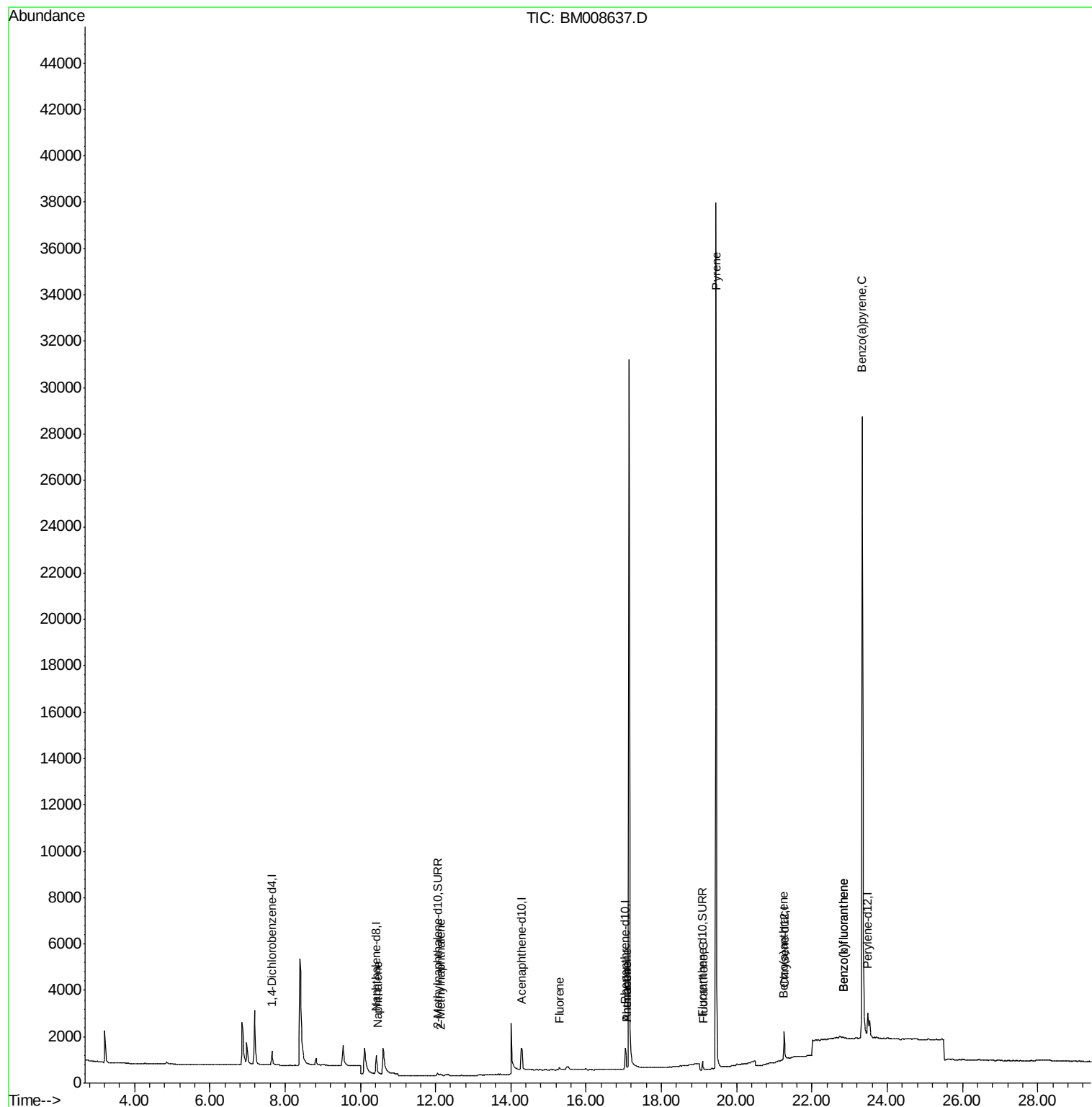
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	418	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1324	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.30	164	763	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	1430	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1483	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1777	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	232	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1170	0.30	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.48	128	83	0.02	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	57	0.02	ng/ul	86
9) Fluorene	15.29	166	127	0.04	ng/ul#	55
12) Phenanthrene	17.09	178	203	0.05	ng/ul#	3
13) Anthracene	17.09	178	181	0.04	ng/ul#	5
15) Fluoranthene	19.13	202	1138	0.21	ng/ul#	1
17) Pyrene	19.45	202	312	0.05	ng/ul#	1
18) Benzo(a)anthracene	21.26	228	135	0.03	ng/ul#	1
21) Benzo(b)fluoranthene	22.83	252	166	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	166	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.34	252	310	0.05	ng/ul#	1

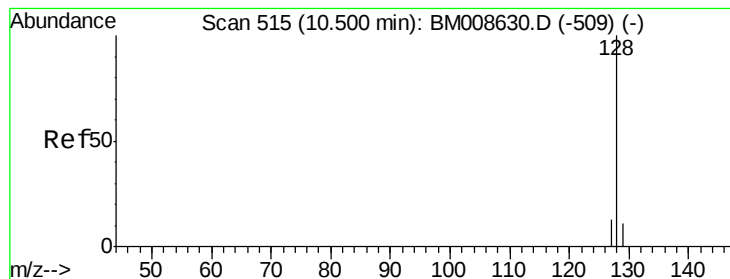
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.02 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

Instrument :

BNA_M

ClientSampleId :

DA881DL

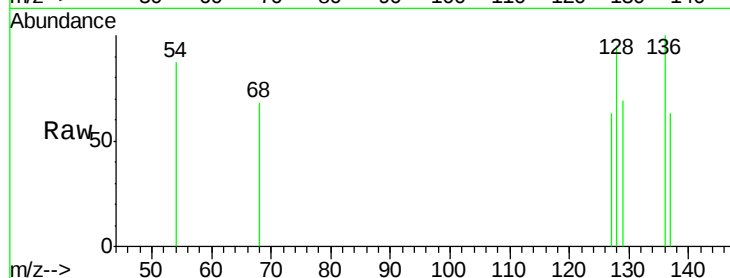
Tgt Ion:128 Resp: 83

Ion Ratio Lower Upper

128 100

129 72.3 11.3 16.9#

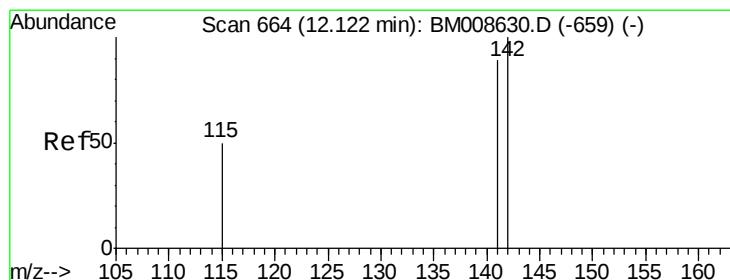
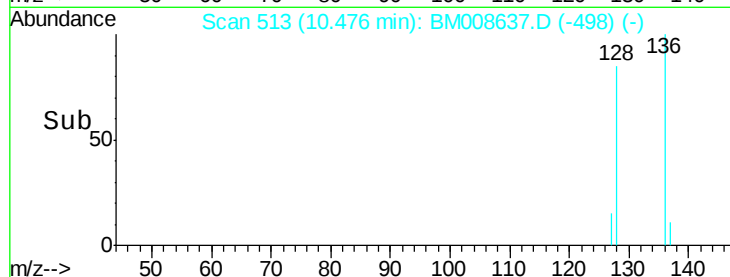
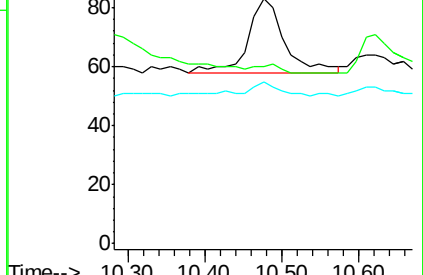
127 66.3 12.8 19.2#



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: 0.02 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM008637.D

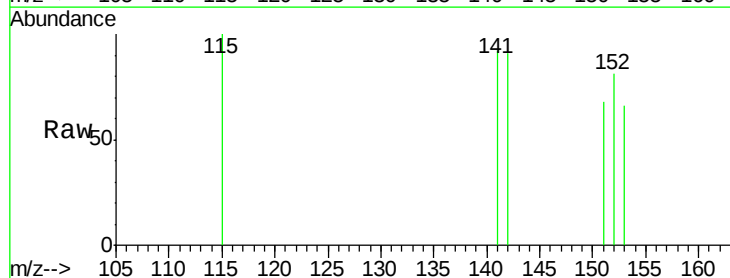
Acq: 24 Dec 2016 17:38

Tgt Ion:142 Resp: 57

Ion Ratio Lower Upper

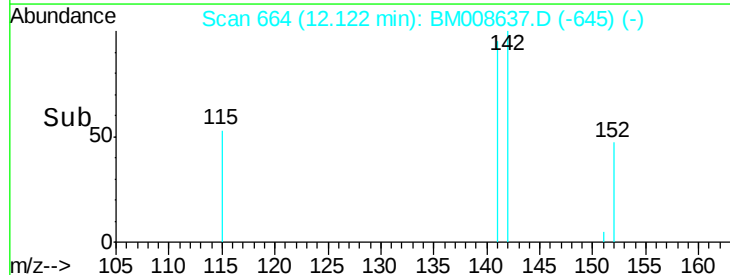
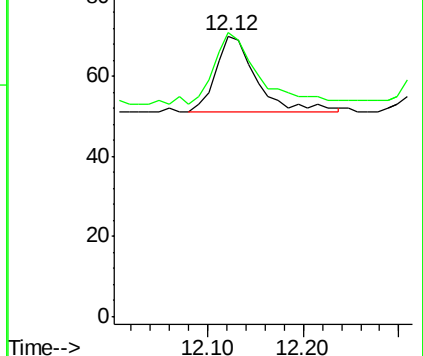
142 100

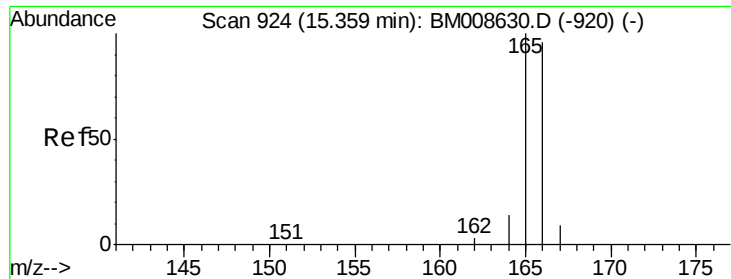
141 103.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.07 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

Instrument :

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ClientSampleId :

DA881DL

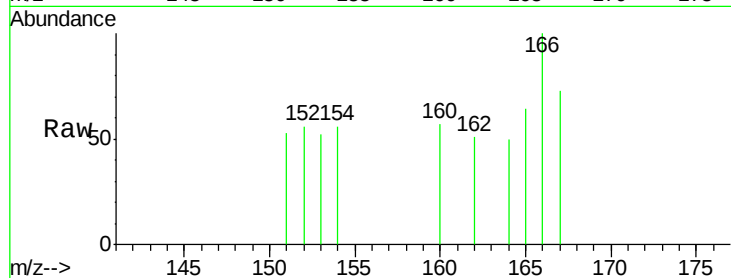
Tgt Ion:166 Resp: 127

Ion Ratio Lower Upper

166 100

165 63.6 73.4 110.2#

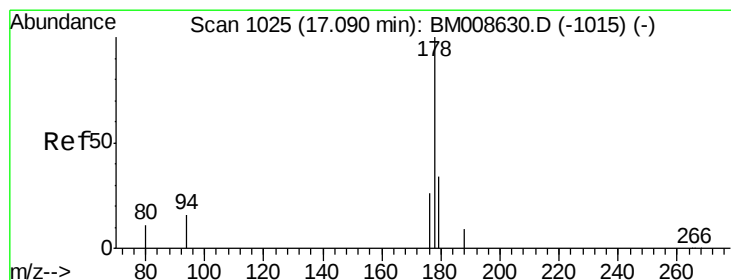
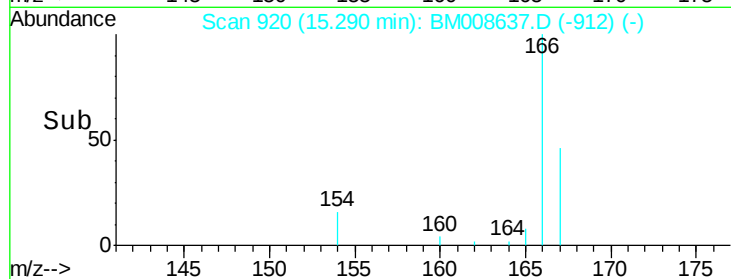
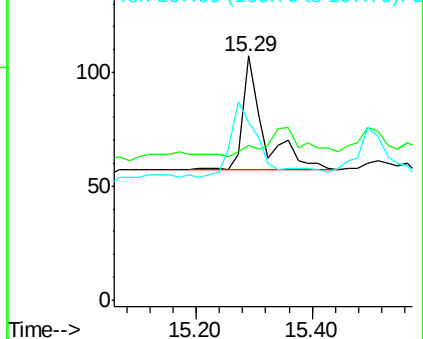
167 72.9 14.6 22.0#



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



#12

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

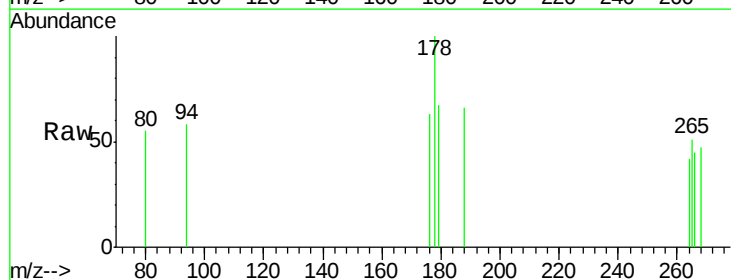
Tgt Ion:178 Resp: 203

Ion Ratio Lower Upper

178 100

176 62.9 18.4 27.6#

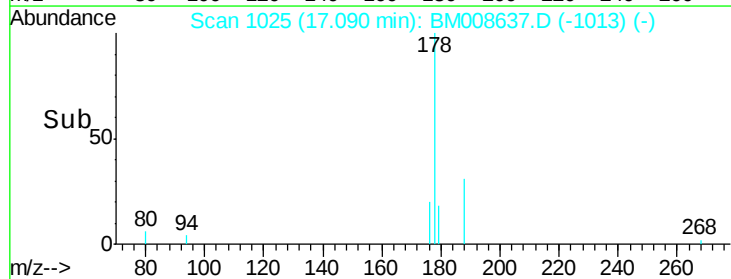
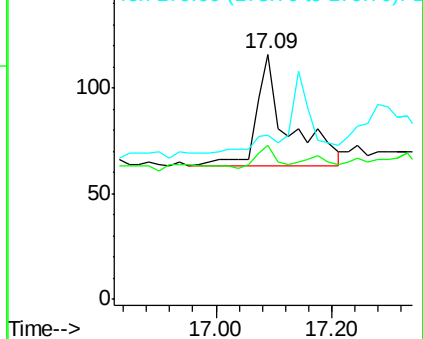
179 67.2 13.6 20.4#

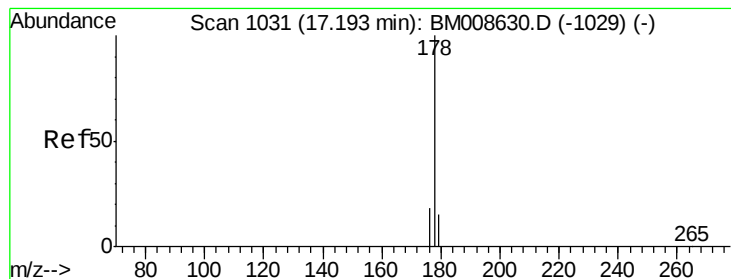


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.04 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.10 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

Instrument :

BNA_M

ClientSampleId :

DA881DL

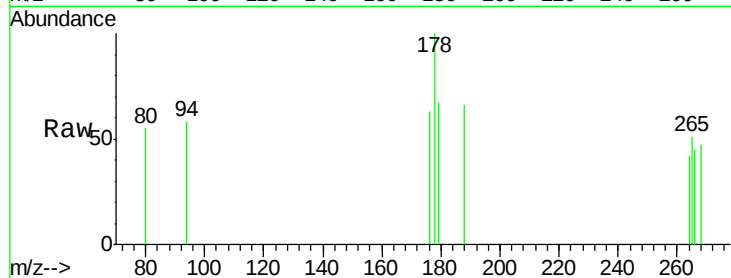
Tgt Ion:178 Resp: 181

Ion Ratio Lower Upper

178 100

176 62.9 18.1 27.1#

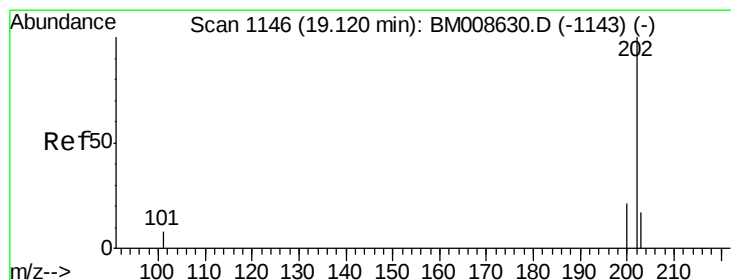
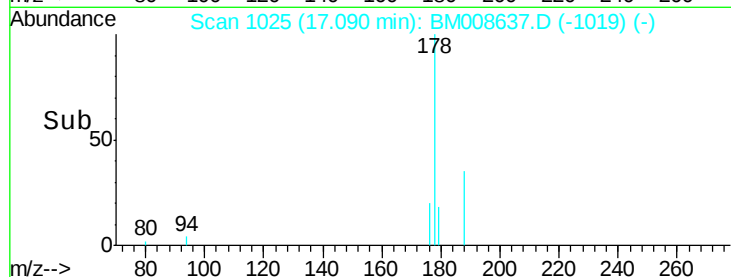
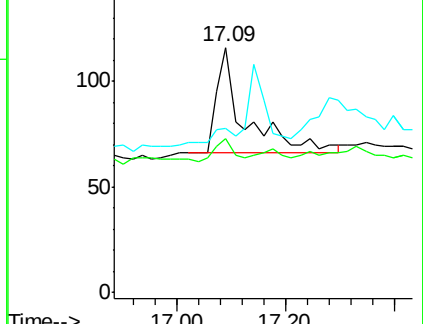
179 67.2 14.7 22.1#



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: 0.21 ng/ul

RT: 19.13 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

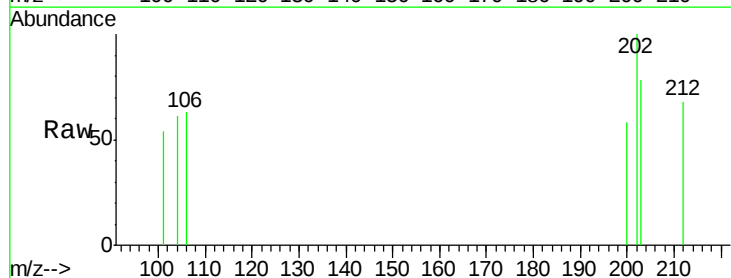
Tgt Ion:202 Resp: 1138

Ion Ratio Lower Upper

202 100

101 54.0 0.0 30.3#

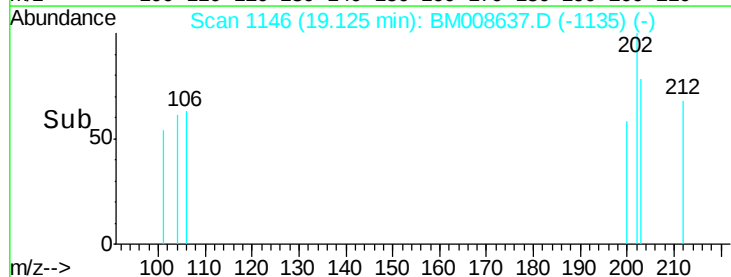
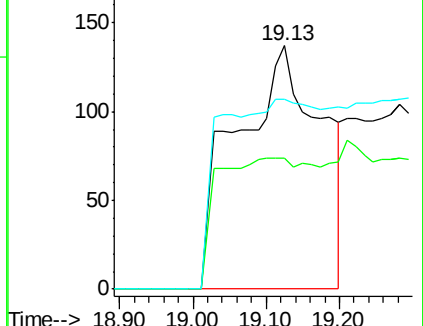
203 78.1 0.0 39.5#

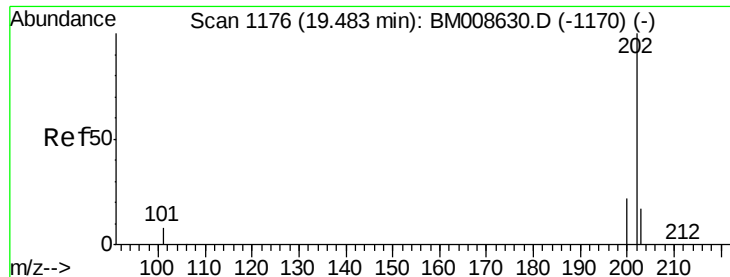


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

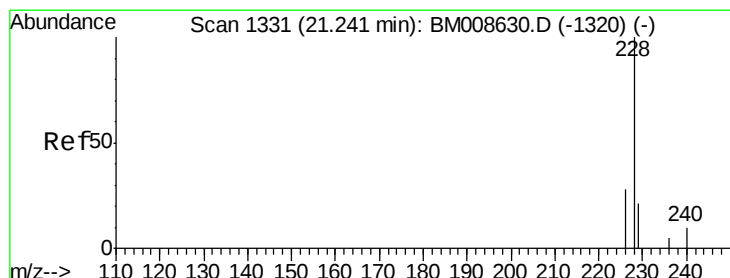
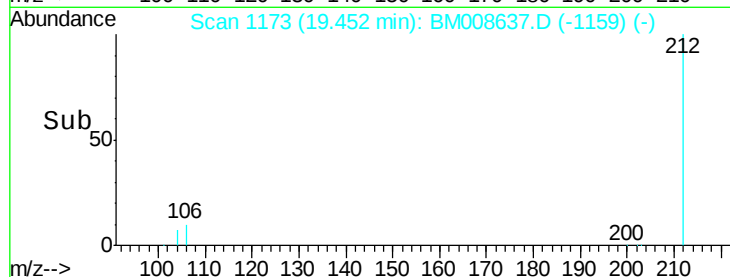
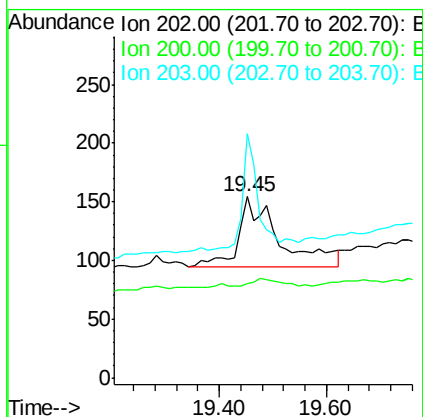
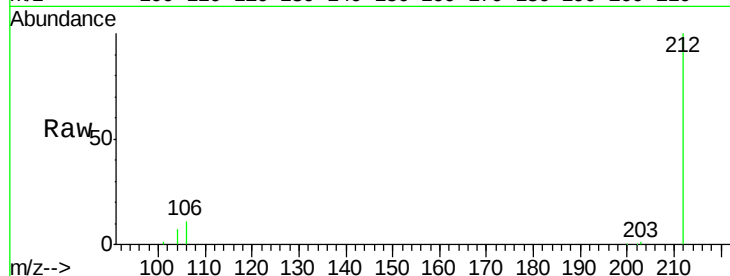




#17
Pyrene
Concen: 0.05 ng/ul
RT: 19.45 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BM008637.D
Acq: 24 Dec 2016 17:38

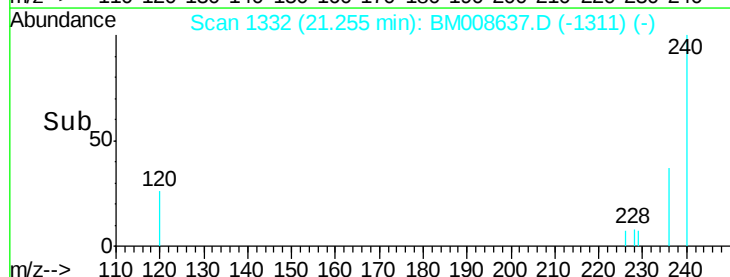
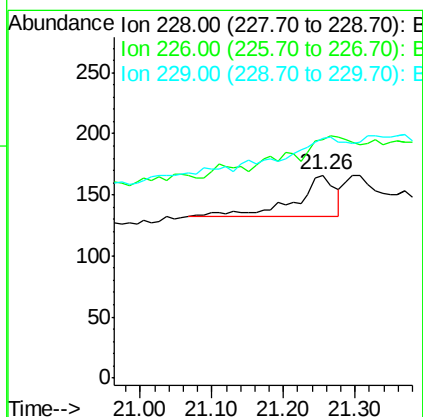
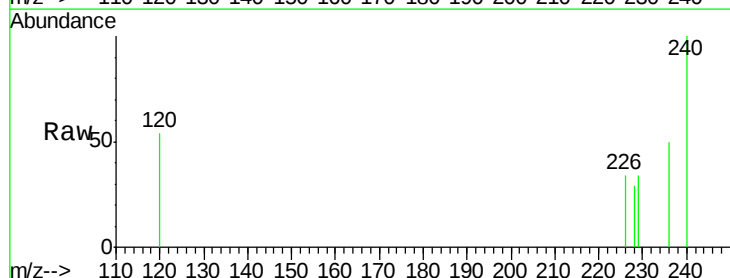
Instrument :
BNA_M
ClientSampleId :
DA881DL

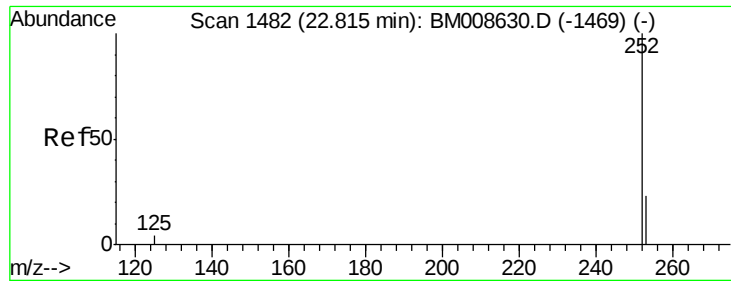
Tgt Ion: 202 Resp: 312
Ion Ratio Lower Upper
202 100
200 51.9 18.2 27.4#
203 135.1 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BM008637.D
Acq: 24 Dec 2016 17:38

Tgt Ion: 228 Resp: 135
Ion Ratio Lower Upper
228 100
226 117.5 22.8 34.2#
229 118.1 17.0 25.6#





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

Instrument :

BNA_M

ClientSampleId :

DA881DL

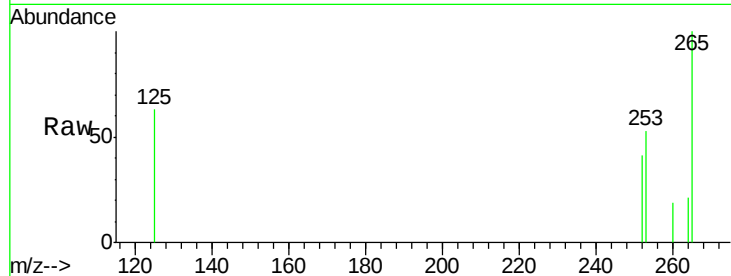
Tgt Ion:252 Resp: 166

Ion Ratio Lower Upper

252 100

253 130.1 0.0 64.2#

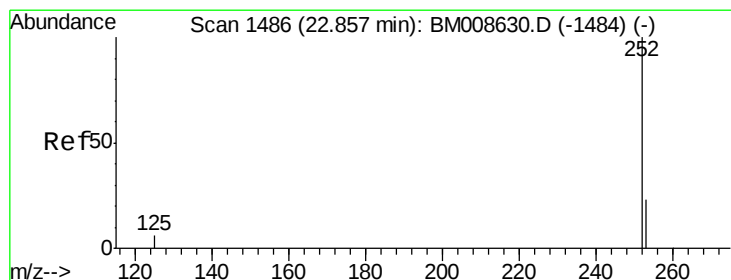
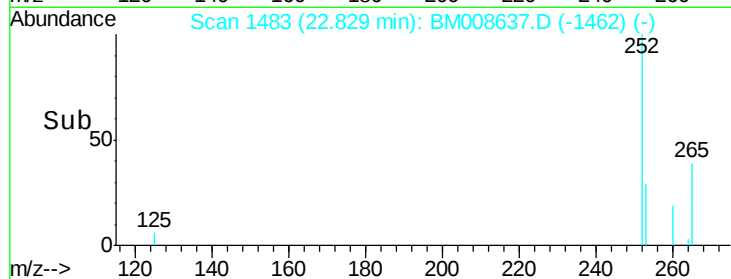
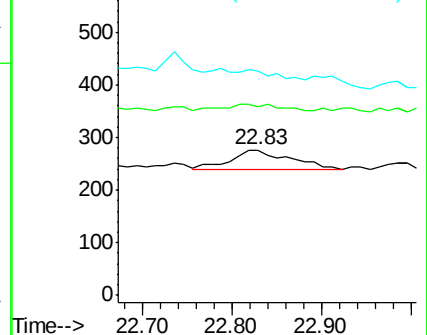
125 154.3 0.0 35.0#



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: 0.02 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.03 min

Lab File: BM008637.D

Acq: 24 Dec 2016 17:38

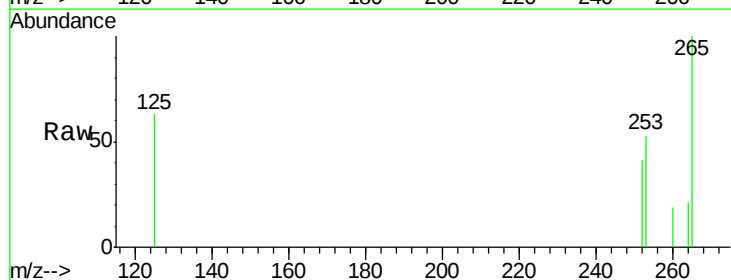
Tgt Ion:252 Resp: 166

Ion Ratio Lower Upper

252 100

253 130.1 24.5 36.7#

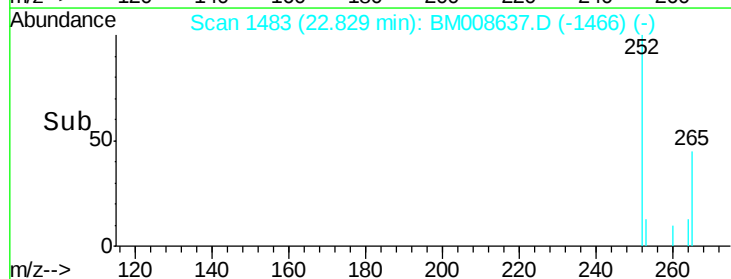
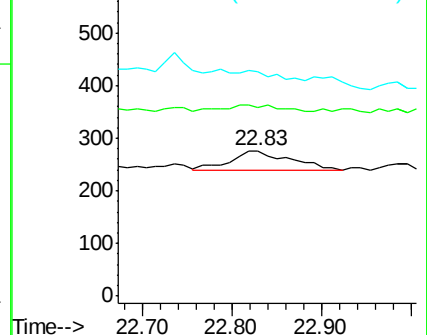
125 154.3 13.7 20.5#

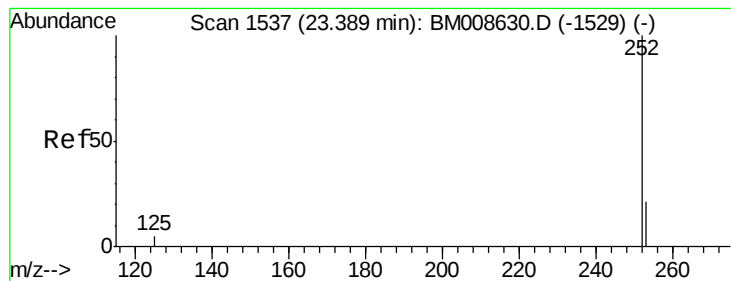


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.34 min Scan# 1532

Delta R.T. -0.05 min

Lab File: BM008637.D

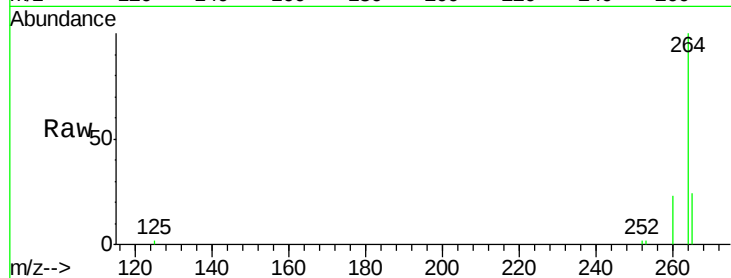
Acq: 24 Dec 2016 17:38

Instrument :

BNA_M

ClientSampleId :

DA881DL



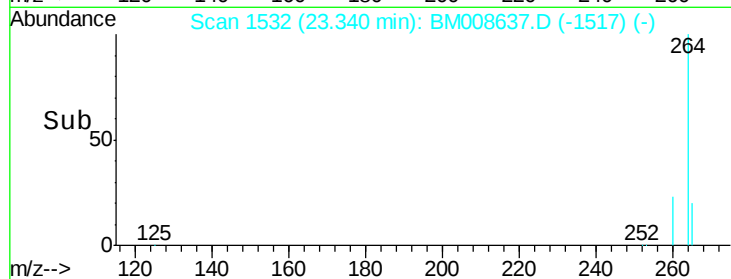
Tgt Ion: 252 Resp: 310

Ion Ratio Lower Upper

252 100

253 116.0 28.5 42.7#

125 124.9 18.1 27.1#



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

