

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008244.D
 Acq On : 10 Dec 2016 22:17
 Operator : UM/SJ
 Sample : H5905-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 03:55:00 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	942	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2612	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	3840	0.40	ng/ul	-0.03
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.27	240	2092	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2053	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	1208	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	6096	0.00	ng/ul	-0.02

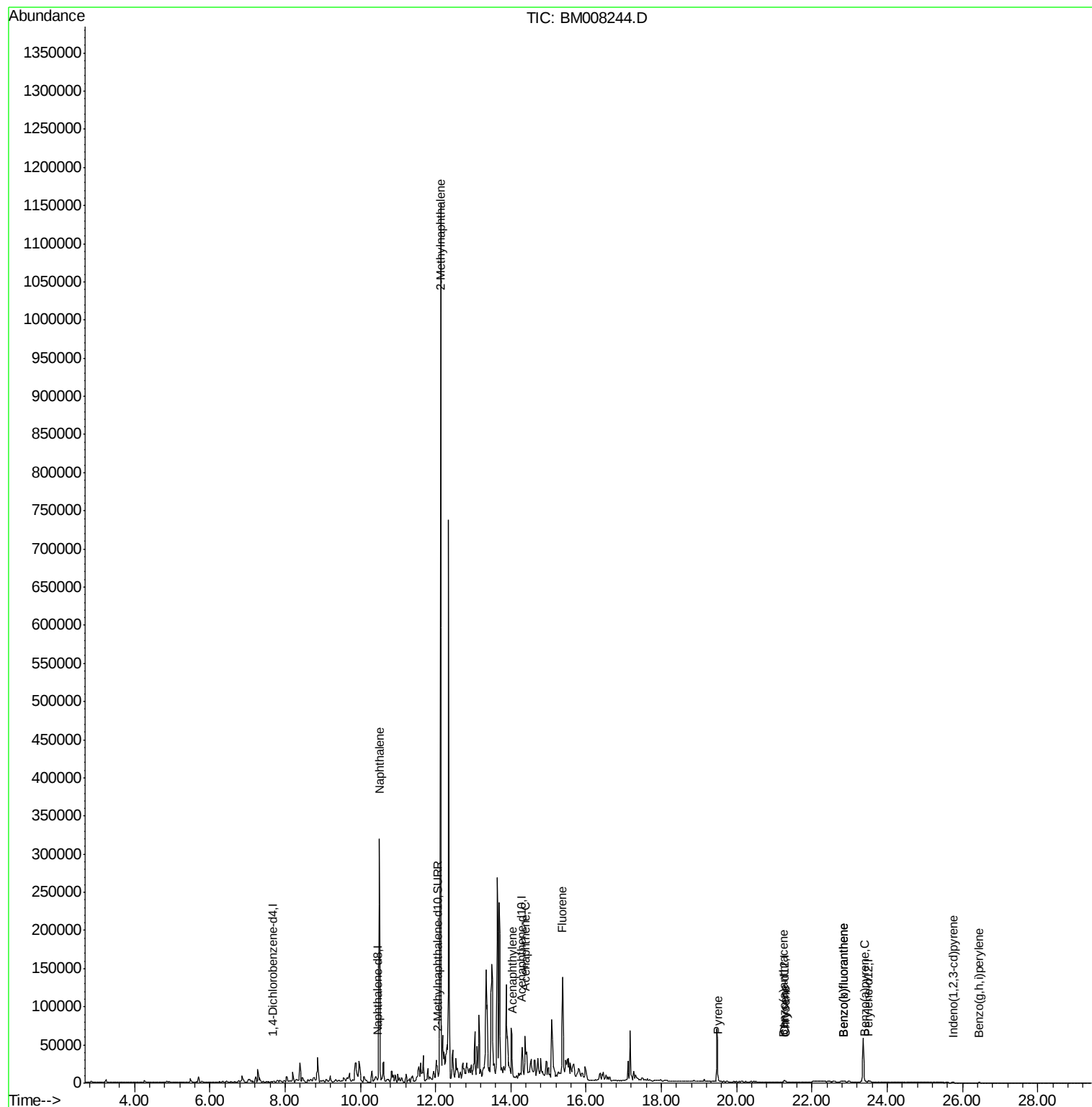
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.51	128	439983	60.23	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	775557	164.71	ng/ul	98
7) Acenaphthylene	14.04	152	14695	0.85	ng/ul#	7
8) Acenaphthene	14.38	153	40357	3.05	ng/ul	97
9) Fluorene	15.38	166	84651	5.57	ng/ul	84
17) Pyrene	19.51	202	4564	0.63	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	862	0.13	ng/ul#	32
19) Chrysene	21.30	228	743	0.09	ng/ul#	27
21) Benzo(b)fluoranthene	22.84	252	771	0.09	ng/ul#	2
22) Benzo(k)fluoranthene	22.84	252	771	0.09	ng/ul#	1
23) Benzo(a)pyrene	23.40	252	407	0.05	ng/ul#	13
24) Indeno(1,2,3-cd)pyrene	25.76	276	232	0.02	ng/ul#	72
26) Benzo(g,h,i)perylene	26.44	276	215	0.03	ng/ul#	9

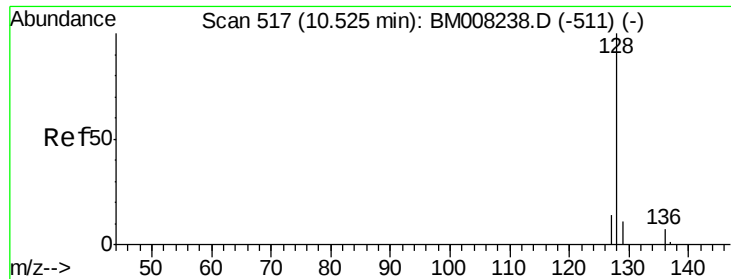
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008244.D
Acq On : 10 Dec 2016 22:17
Operator : UM/SJ
Sample : H5905-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 03:55:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 60.23 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampleId :

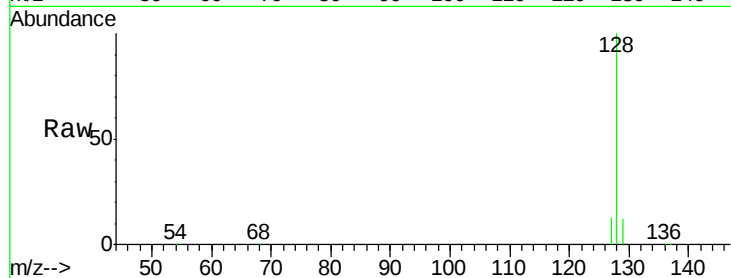
Tot Ion:128 Resp: 439983

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

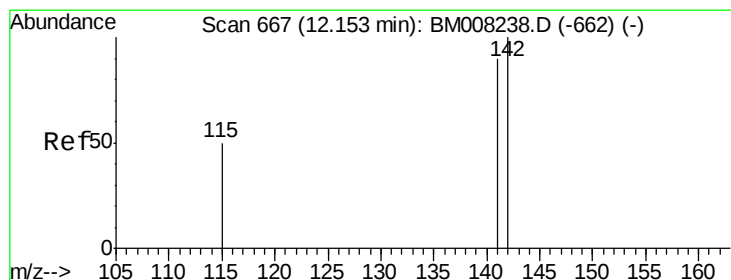
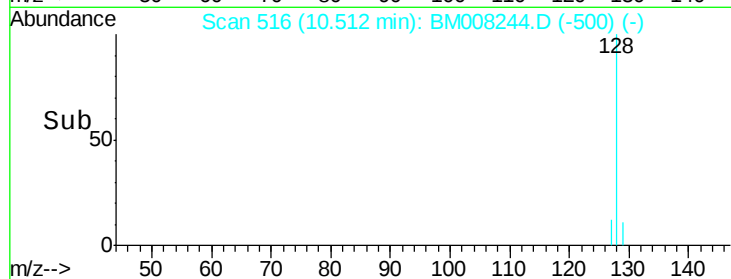
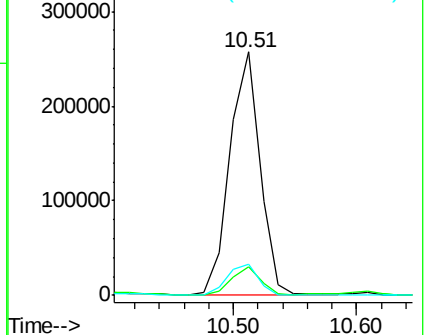
127 12.6 12.8 19.2#



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: 164.71 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.02 min

Lab File: BM008244.D

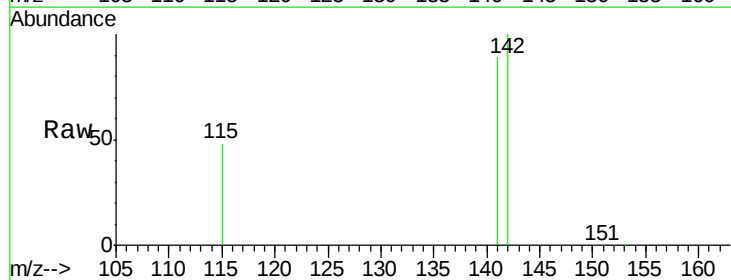
Acq: 10 Dec 2016 22:17

Tgt Ion:142 Resp: 775557

Ion Ratio Lower Upper

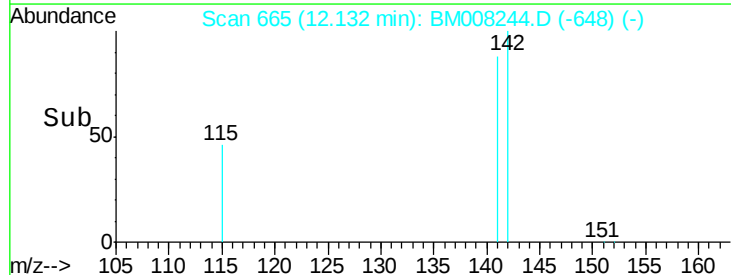
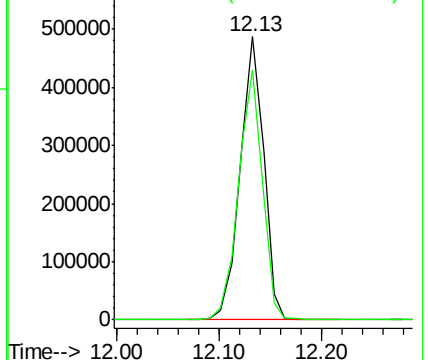
142 100

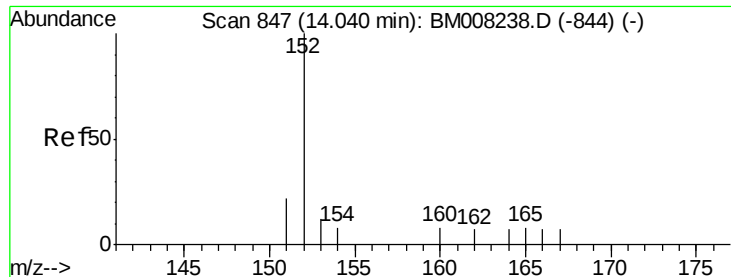
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.85 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampleId :

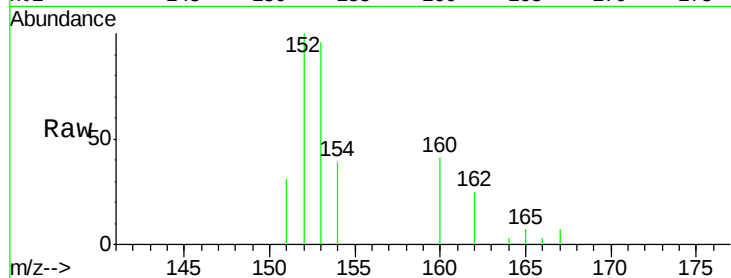
Tot Ion:152 Resp: 14695

Ion Ratio Lower Upper

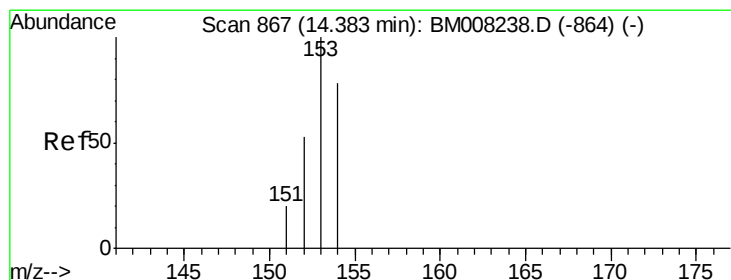
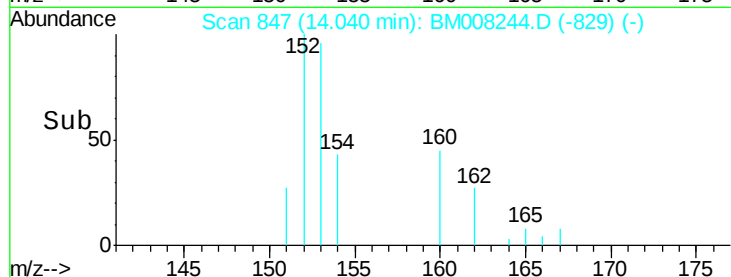
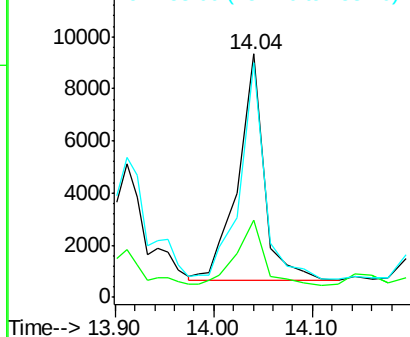
152 100

151 31.5 17.1 25.7#

153 96.5 12.8 19.2#



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



#8

Acenaphthene

Concen: 3.05 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

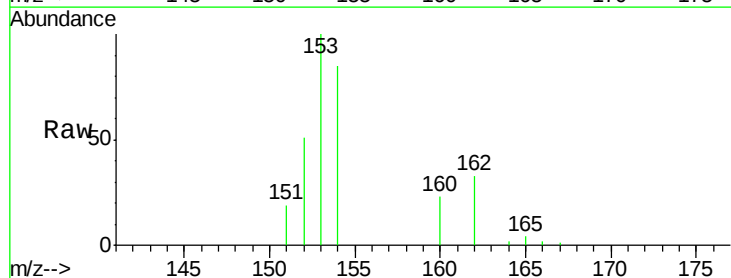
Tgt Ion:153 Resp: 40357

Ion Ratio Lower Upper

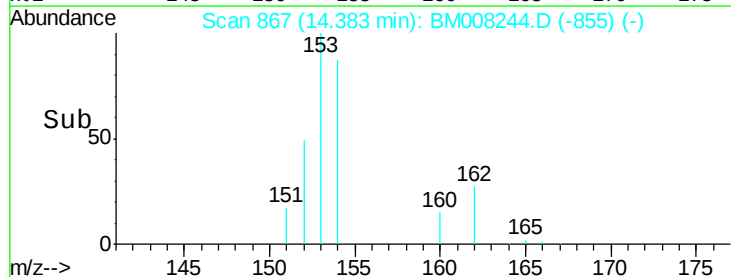
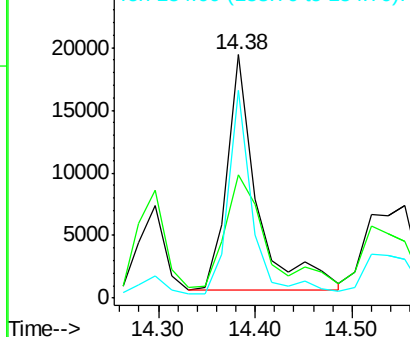
153 100

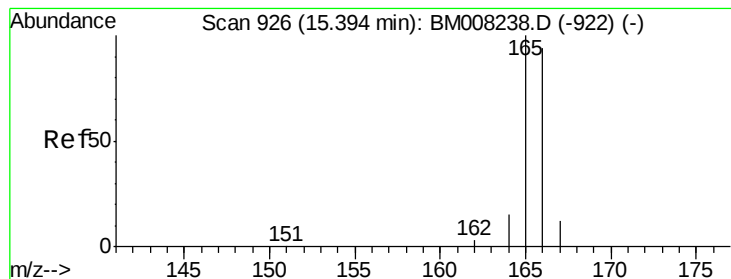
152 50.8 40.3 60.5

154 85.4 71.4 107.2



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





#9

Fluorene

Concen: 5.57 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampleId :

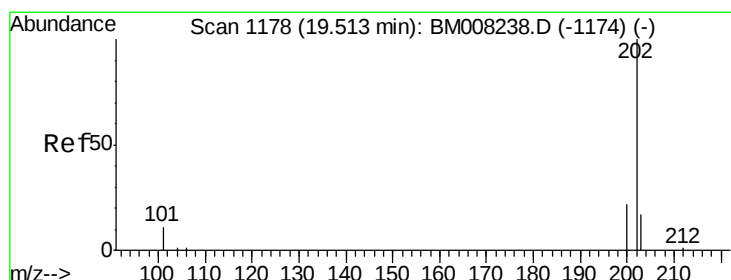
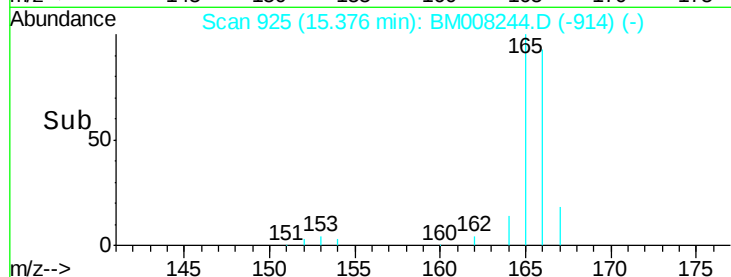
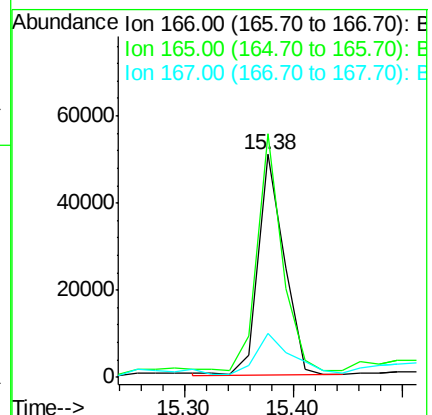
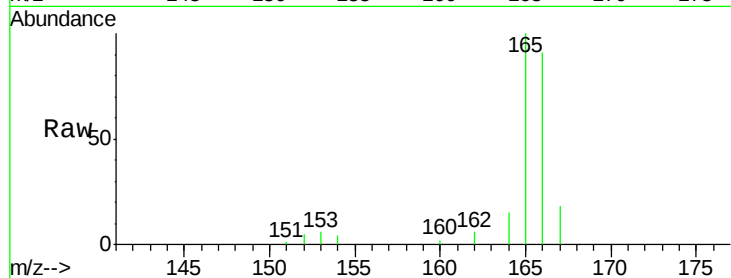
Tot Ion:166 Resp: 84651

Ion Ratio Lower Upper

166 100

165 109.4 73.4 110.2

167 20.0 14.6 22.0



#17

Pyrene

Concen: 0.63 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

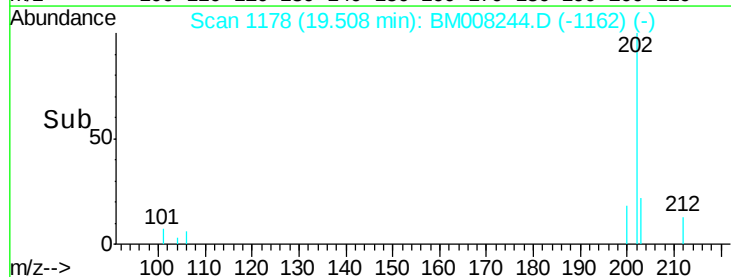
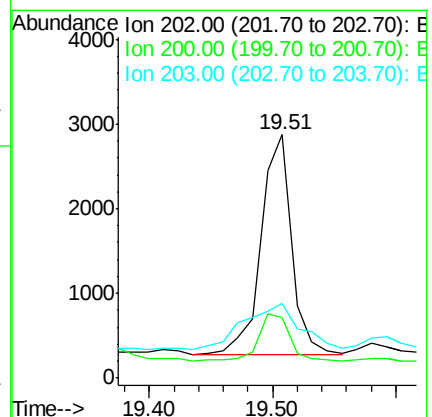
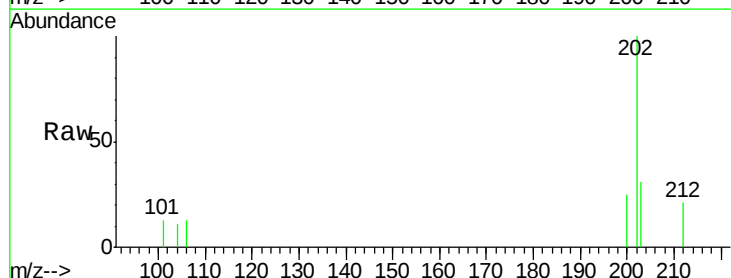
Tgt Ion:202 Resp: 4564

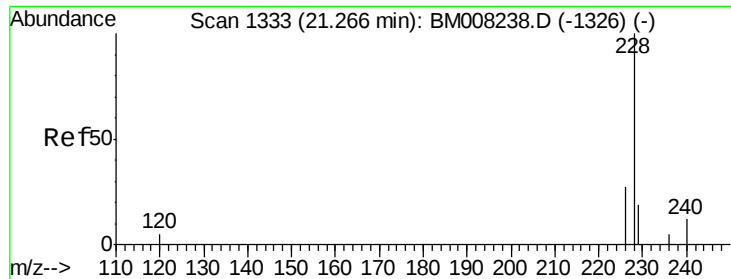
Ion Ratio Lower Upper

202 100

200 24.6 18.2 27.4

203 30.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.13 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampleId :

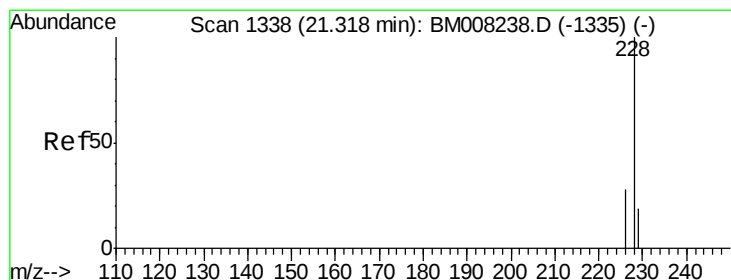
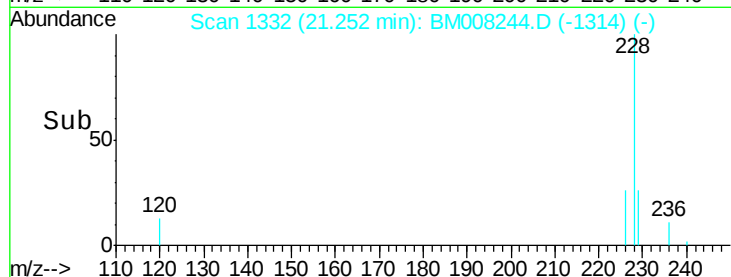
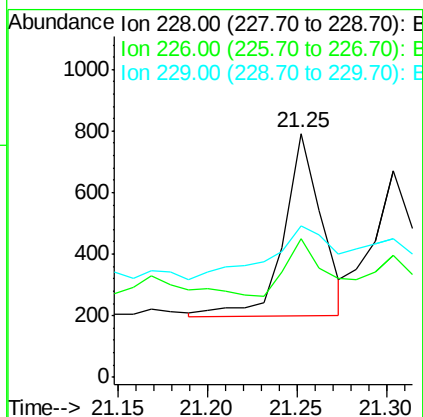
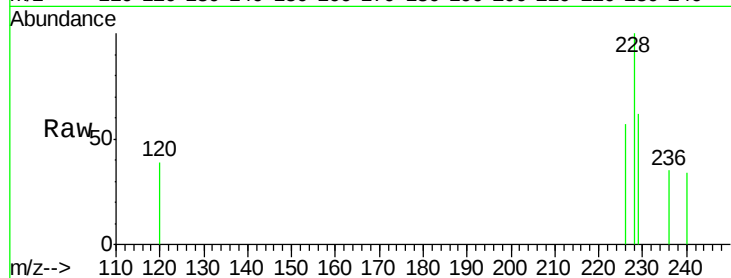
Tot Ion:228 Resp: 862

Ion Ratio Lower Upper

228 100

226 56.9 22.8 34.2#

229 62.3 17.0 25.6#



#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

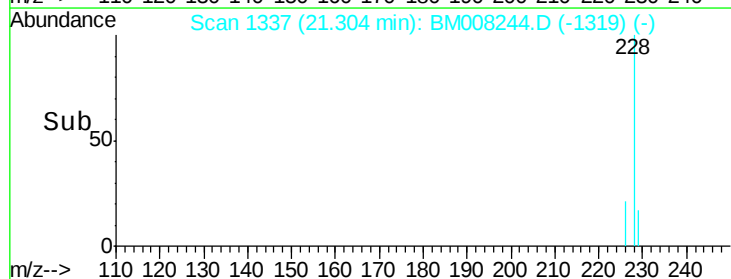
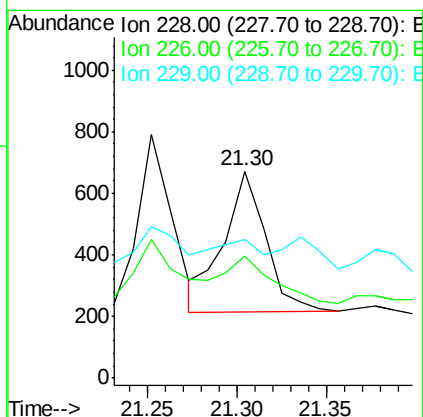
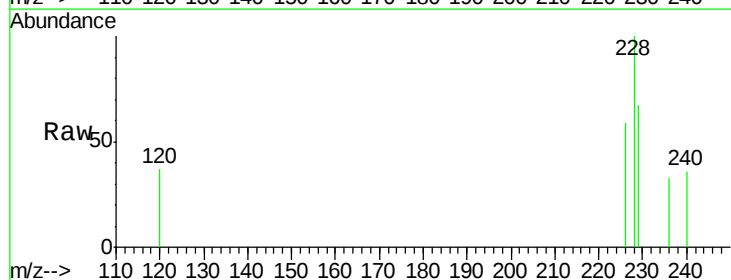
Tgt Ion:228 Resp: 743

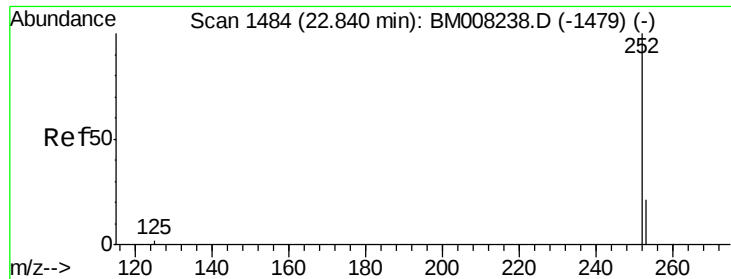
Ion Ratio Lower Upper

228 100

226 59.3 23.4 35.0#

229 67.4 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.09 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampleId :

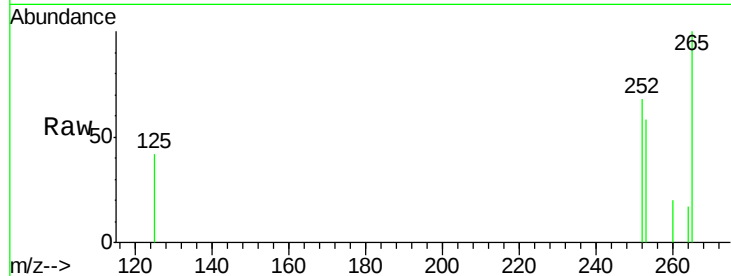
Tot Ion:252 Resp: 771

Ion Ratio Lower Upper

252 100

253 85.5 0.0 64.2#

125 62.3 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

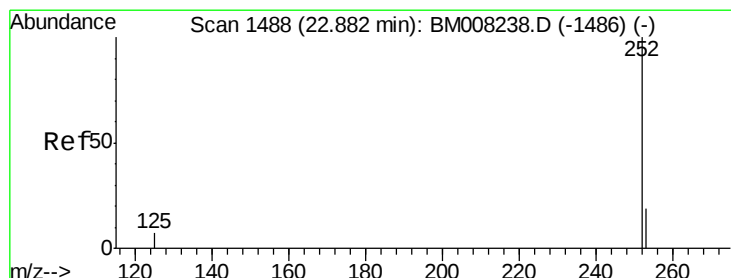
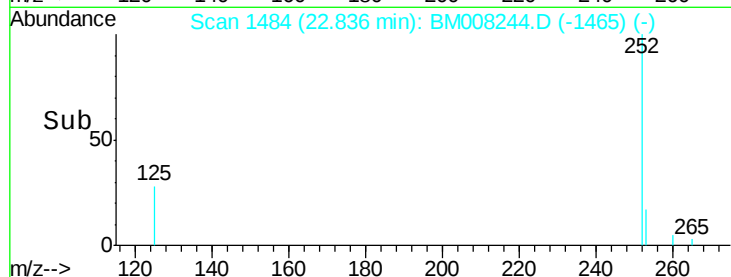
22.84

400

200

0

Time--> 22.70 22.80 22.90



#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

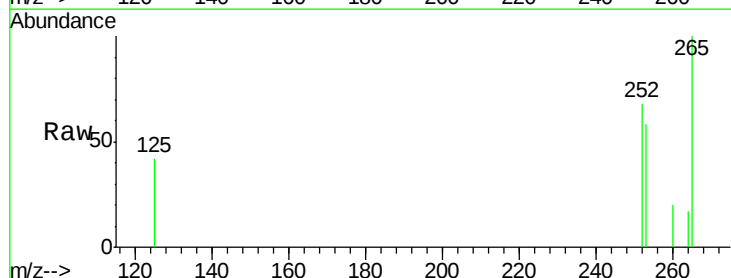
Tgt Ion:252 Resp: 771

Ion Ratio Lower Upper

252 100

253 85.5 24.5 36.7#

125 62.3 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

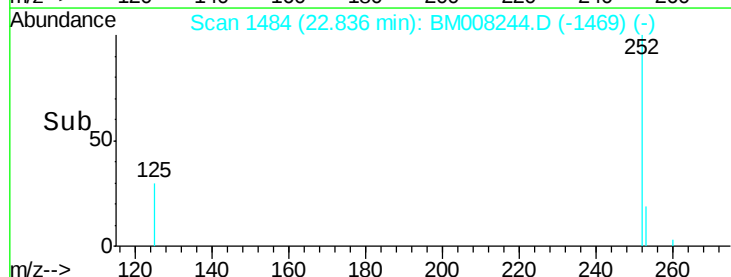
22.84

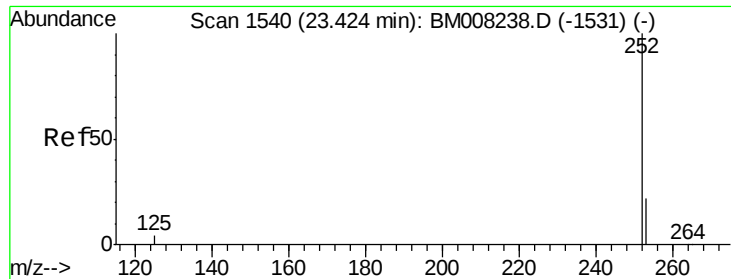
400

200

0

Time--> 22.70 22.80 22.90





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.02 min

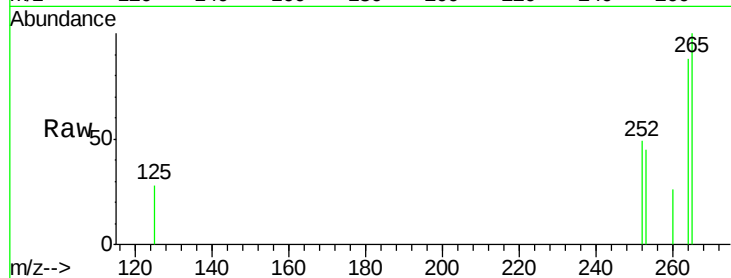
Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampled :



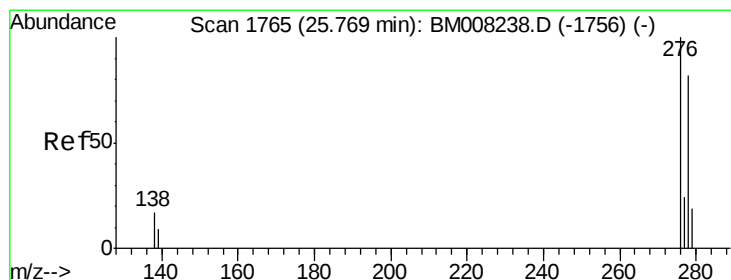
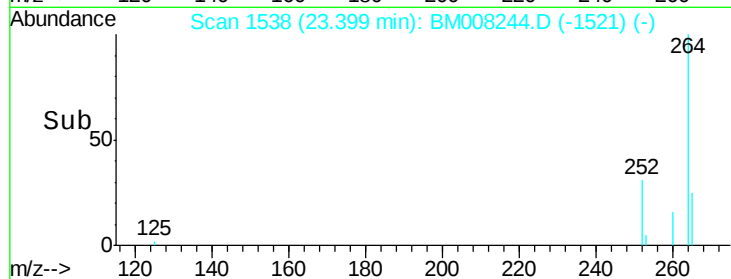
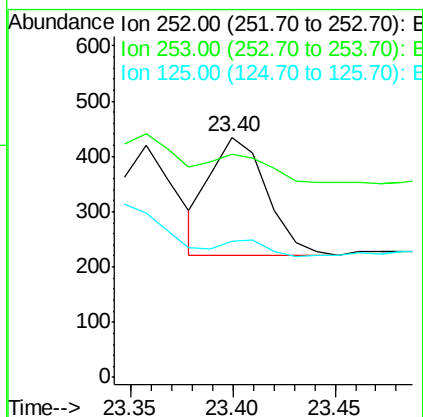
Tot Ion: 252 Resp: 407

Ion Ratio Lower Upper

252 100

253 92.6 28.5 42.7#

125 56.8 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

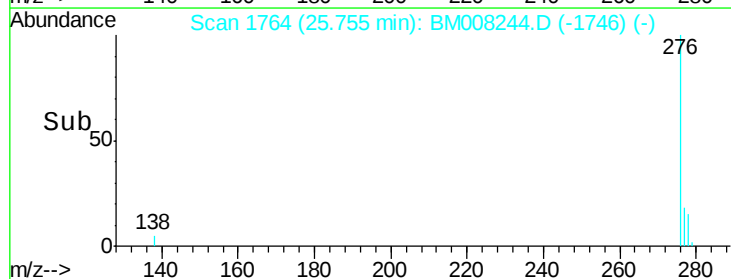
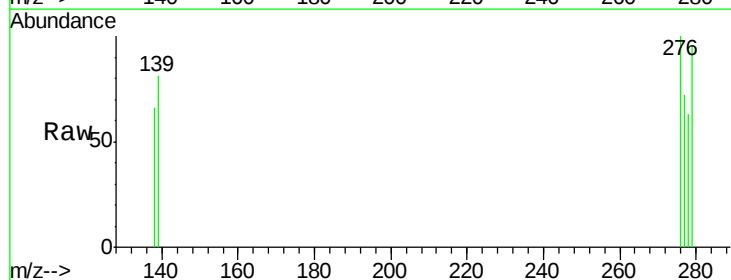
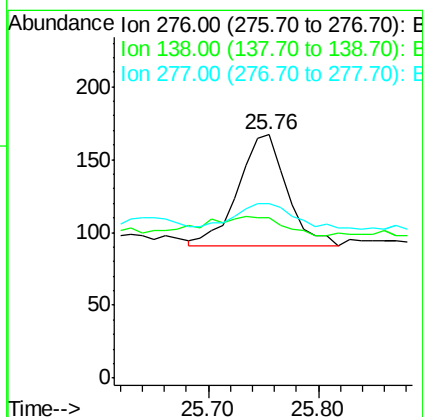
Tgt Ion: 276 Resp: 232

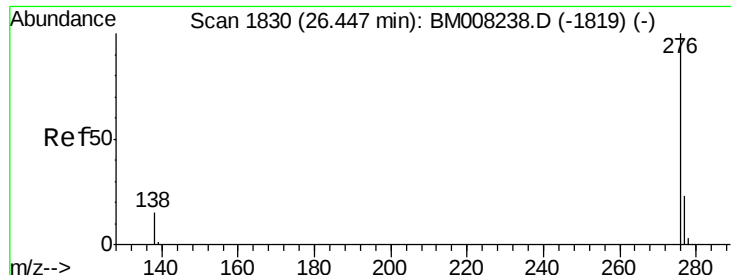
Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

277 28.9 19.6 29.4





#26

Benzo(a,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. -0.00 min

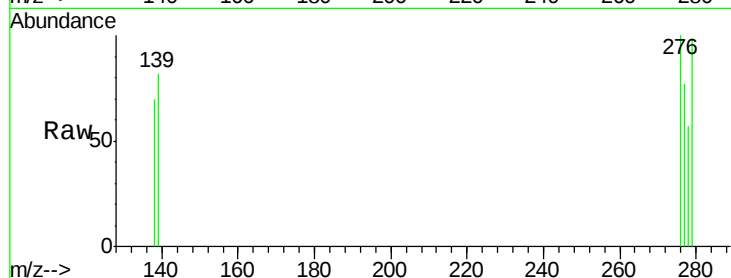
Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

ClientSampleId :



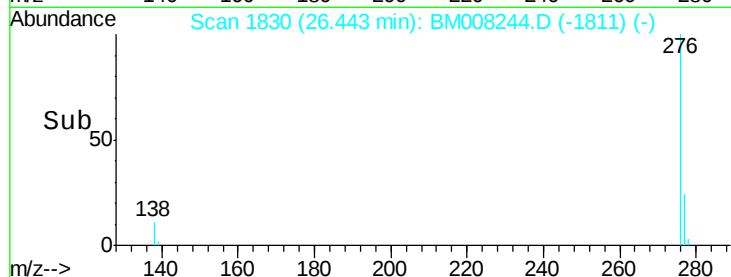
Tot Ion: 276 Resp: 215

Ion Ratio Lower Upper

276 100

277 76.8 21.8 32.8#

138 69.5 20.5 30.7#



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

