

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008055.D
 Acq On : 24 Nov 2016 03:47
 Operator : UM/SJ
 Sample : H5694-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS2

Quant Time: Nov 24 04:41:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	771	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2603	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1625	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	105473	0.40	ng/ul	0.09
16) Chrysene-d12	21.30	240	2731	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	2707	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	693	0.19	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	1467	0.00	ng/ul	-0.01

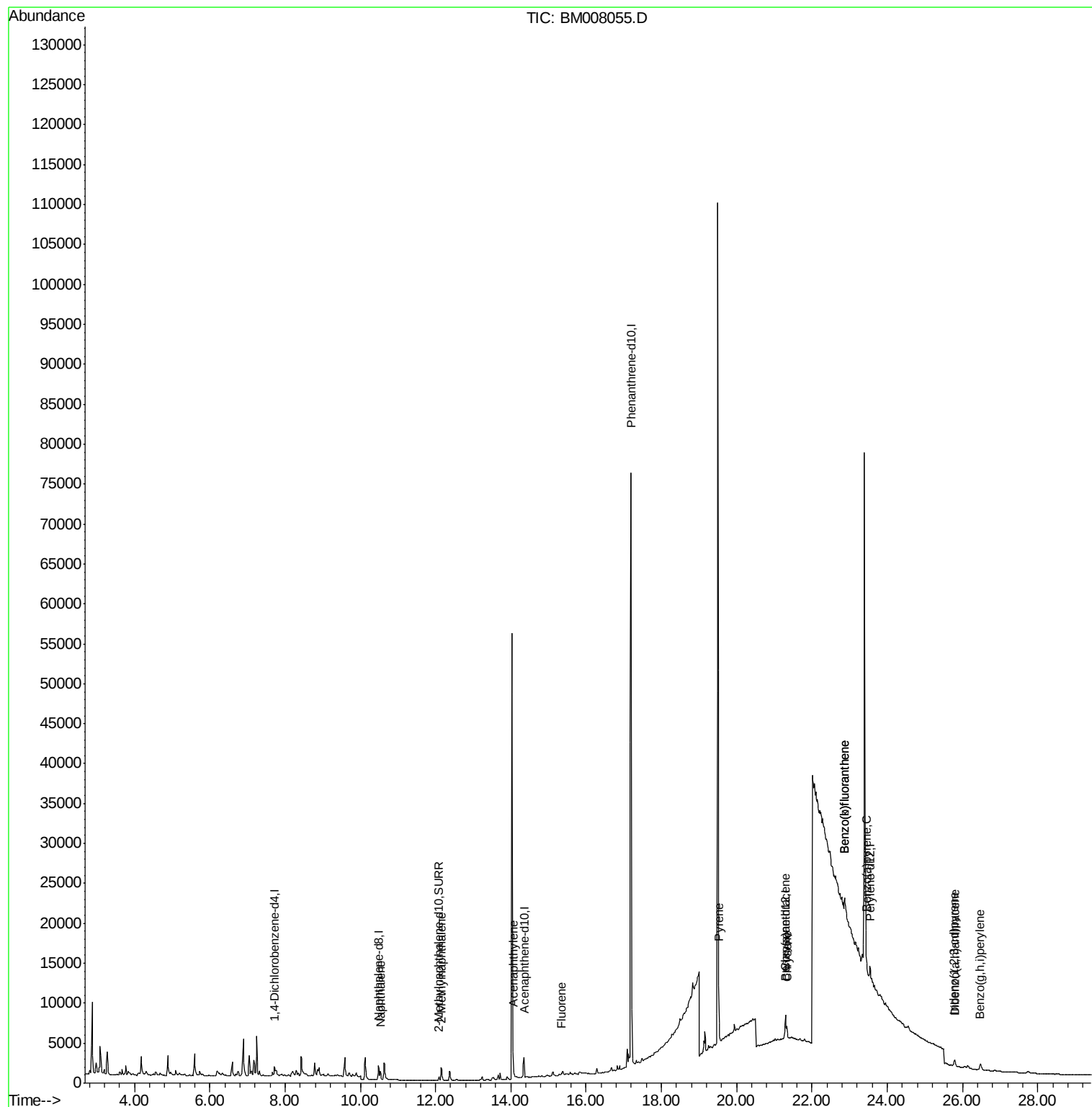
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	1510	0.21	ng/ul	94
5) 2-Methylnaphthalene	12.15	142	1380	0.29	ng/ul	98
7) Acenaphthylene	14.06	152	326	0.04	ng/ul#	35
9) Fluorene	15.34	166	284	0.04	ng/ul#	62
17) Pyrene	19.52	202	3223	0.34	ng/ul#	28
18) Benzo(a)anthracene	21.28	228	1365	0.16	ng/ul#	11
19) Chrysene	21.34	228	1767	0.17	ng/ul#	27
21) Benzo(b)fluoranthene	22.87	252	3369	0.31	ng/ul#	1
22) Benzo(k)fluoranthene	22.87	252	3369	0.30	ng/ul#	1
23) Benzo(a)pyrene	23.44	252	1354	0.13	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.79	276	1443	0.12	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.80	278	358	0.04	ng/ul#	1
26) Benzo(g,h,i)perylene	26.47	276	1751	0.16	ng/ul#	44

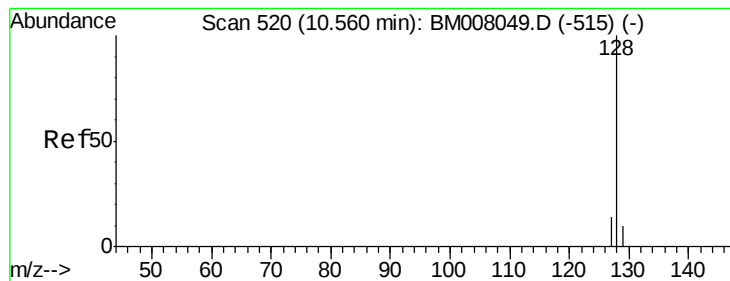
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.21 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2

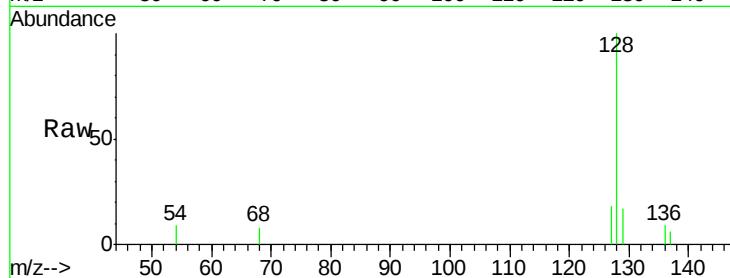
Tgt Ion:128 Resp: 1510

Ion Ratio Lower Upper

128 100

129 16.7 11.3 16.9

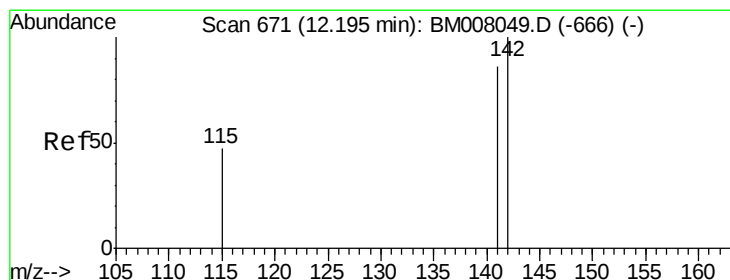
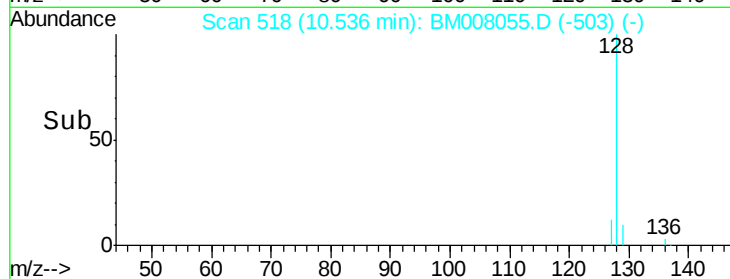
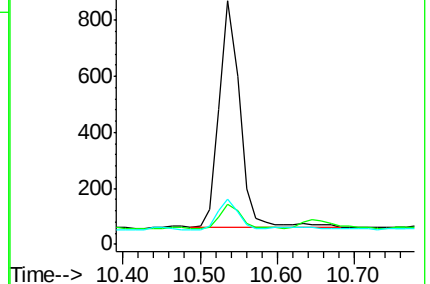
127 18.4 12.8 19.2



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: 0.29 ng/ul

RT: 12.15 min Scan# 667

Delta R.T. -0.04 min

Lab File: BM008055.D

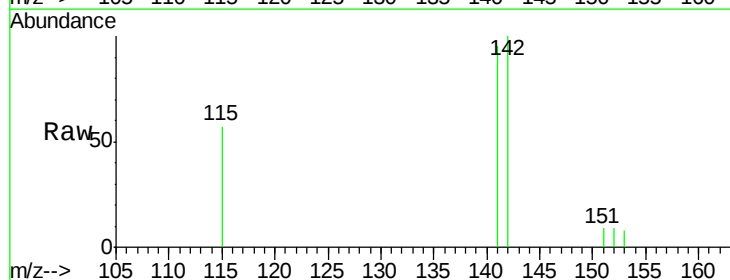
Acq: 24 Nov 2016 03:47

Tgt Ion:142 Resp: 1380

Ion Ratio Lower Upper

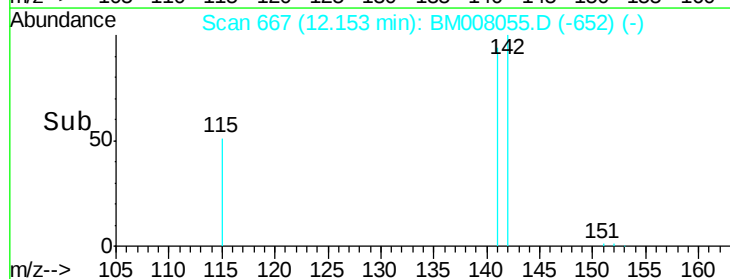
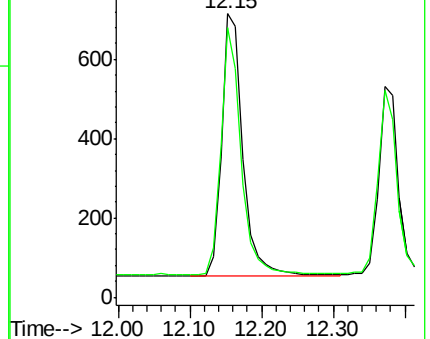
142 100

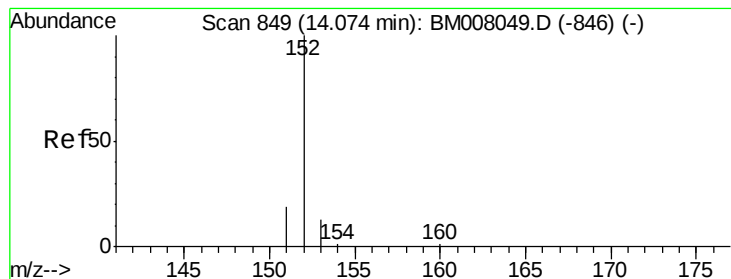
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2

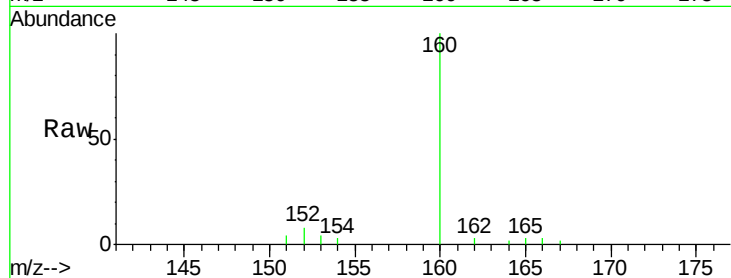
Tgt Ion:152 Resp: 326

Ion Ratio Lower Upper

152 100

151 51.6 17.1 25.7#

153 43.9 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

14.06

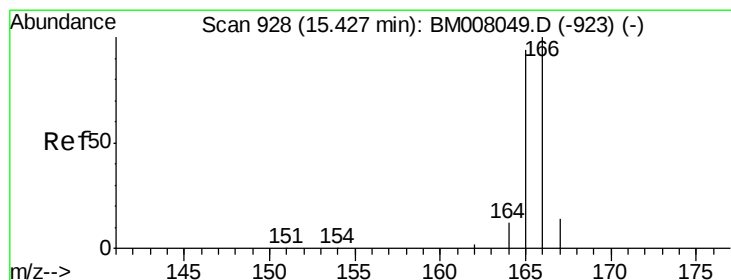
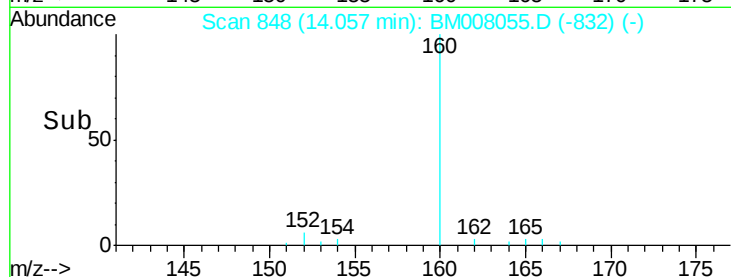
200

100

0

Time-->

14.00 14.05 14.10



#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.09 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

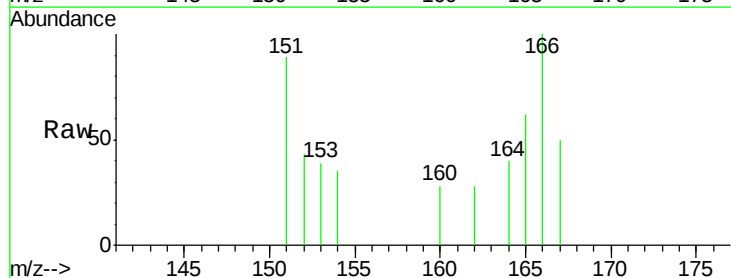
Tgt Ion:166 Resp: 284

Ion Ratio Lower Upper

166 100

165 61.8 73.4 110.2#

167 50.2 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

15.34

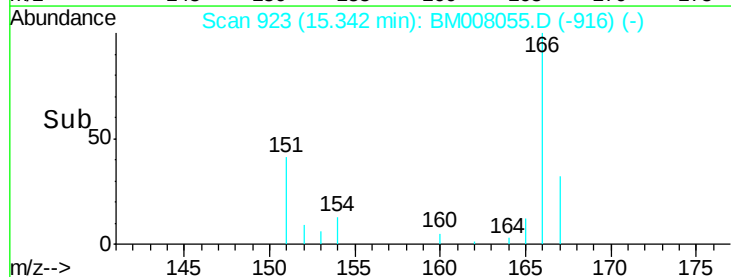
200

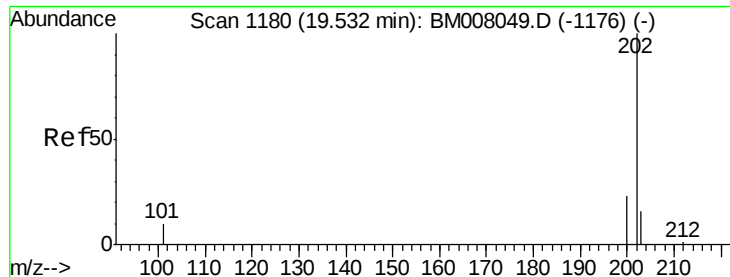
100

0

Time-->

15.20 15.30 15.40





#17

Pyrene

Concen: 0.34 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2

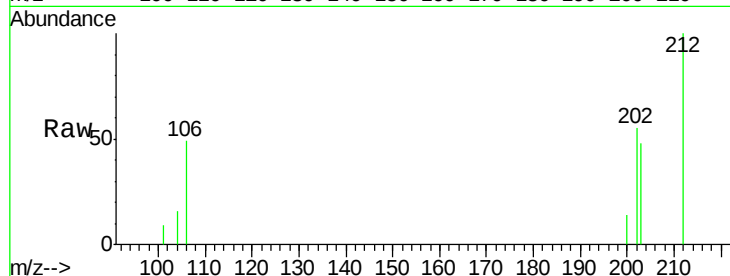
Tgt Ion:202 Resp: 3223

Ion Ratio Lower Upper

202 100

200 25.4 18.2 27.4

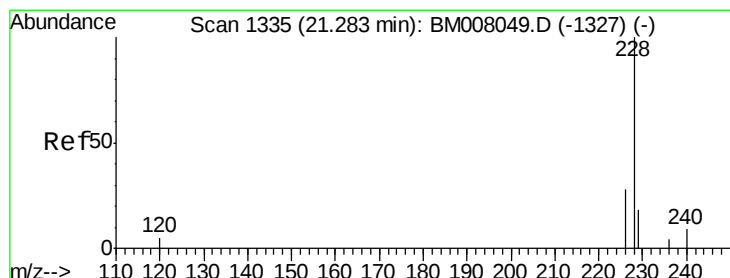
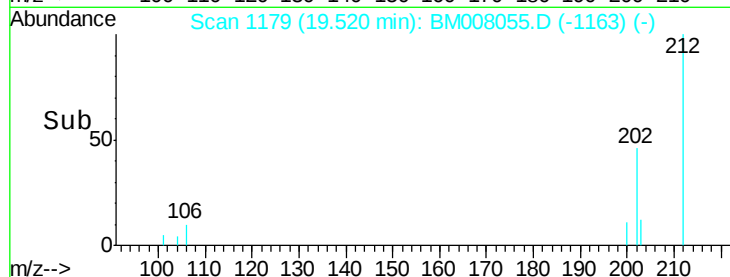
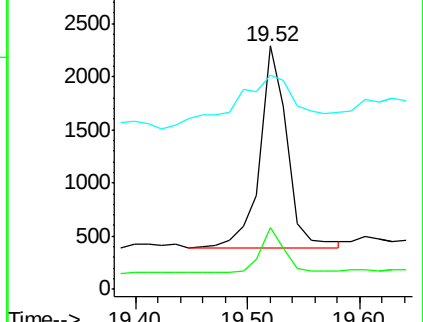
203 88.1 15.6 23.4#



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: 0.16 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

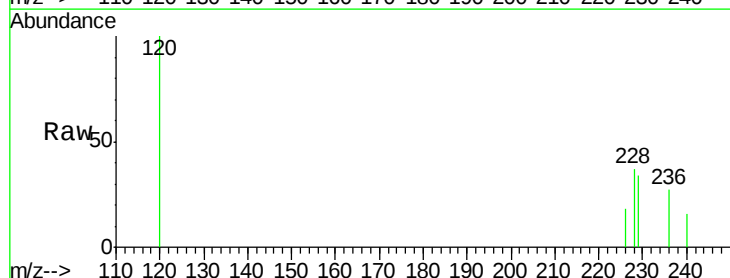
Tgt Ion:228 Resp: 1365

Ion Ratio Lower Upper

228 100

226 50.2 22.8 34.2#

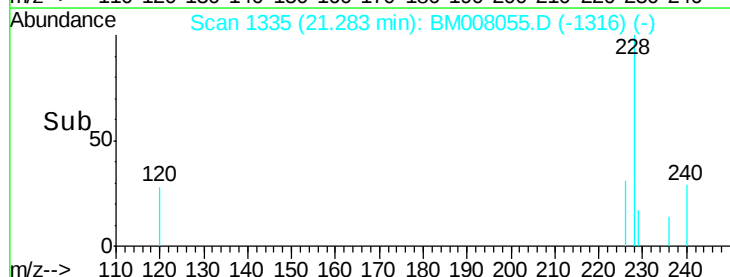
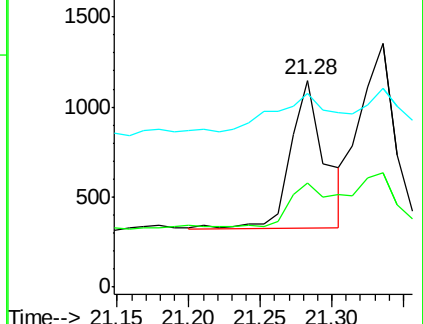
229 93.5 17.0 25.6#

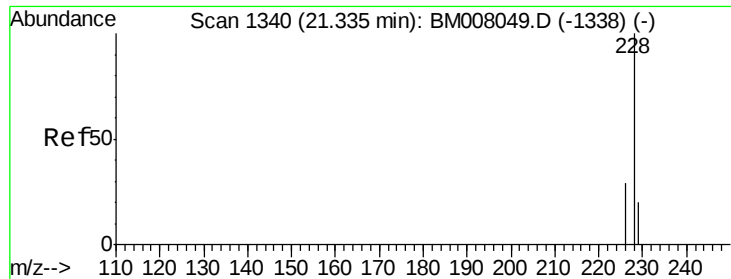


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.17 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2

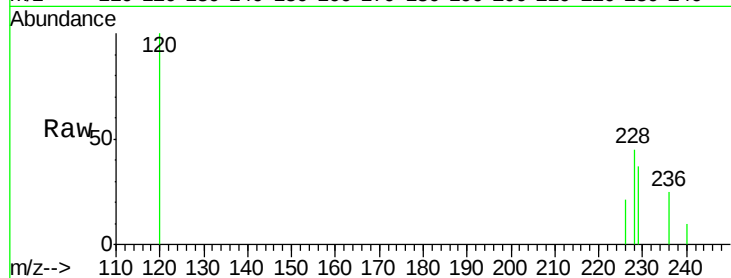
Tgt Ion:228 Resp: 1767

Ion Ratio Lower Upper

228 100

226 47.2 23.4 35.0#

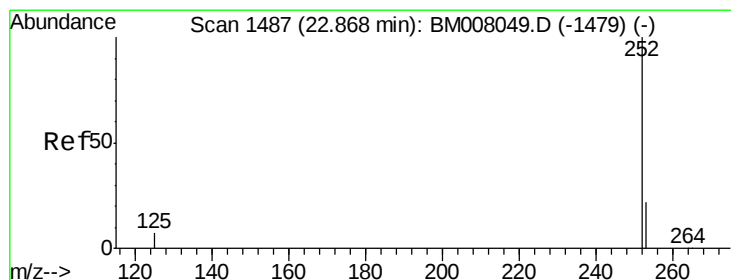
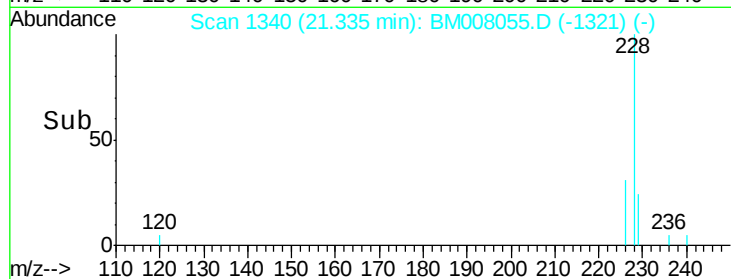
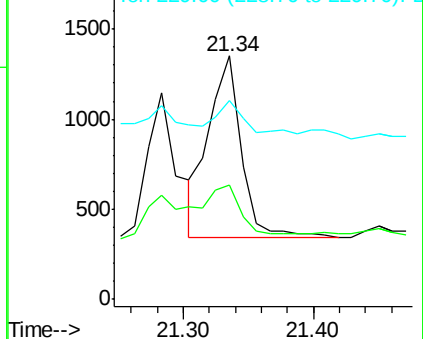
229 81.9 17.7 26.5#



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



#21

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

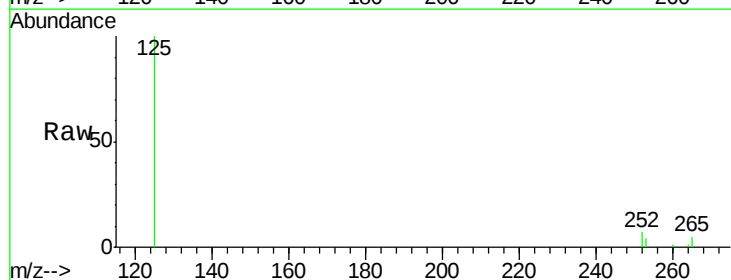
Tgt Ion:252 Resp: 3369

Ion Ratio Lower Upper

252 100

253 54.3 0.0 64.2

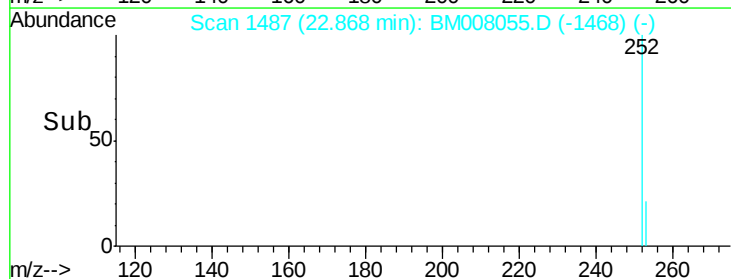
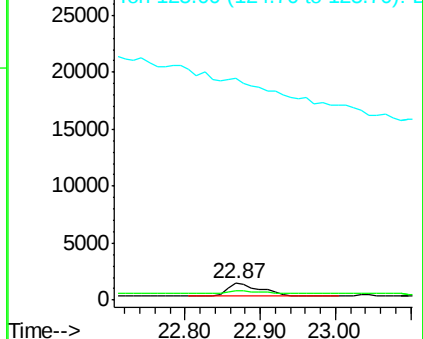
125 1335.5 0.0 35.0#

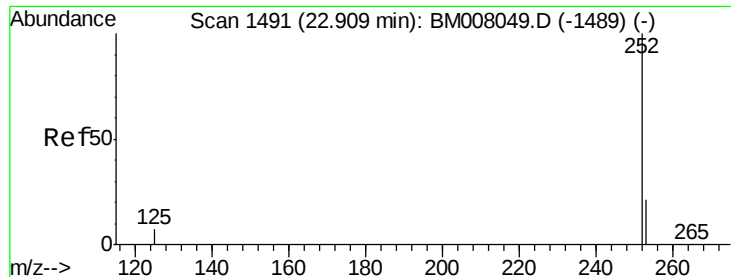


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.30 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.04 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2

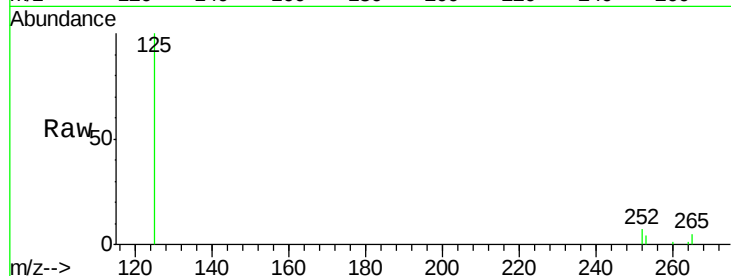
Tgt Ion:252 Resp: 3369

Ion Ratio Lower Upper

252 100

253 54.3 24.5 36.7#

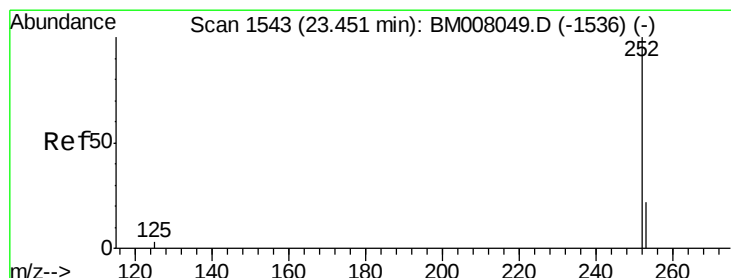
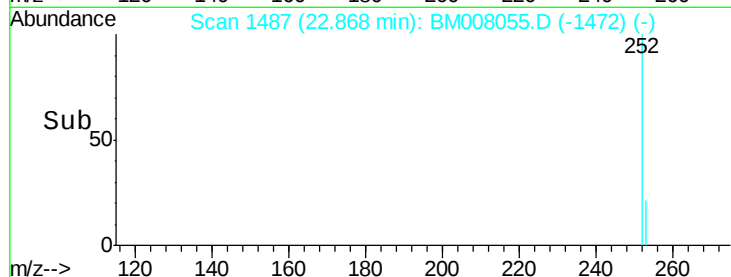
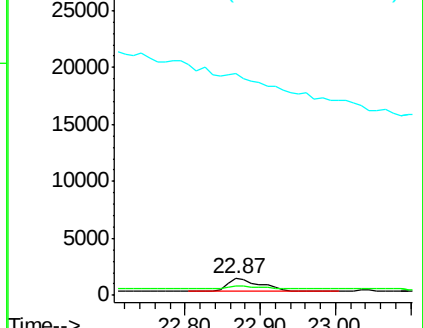
125 1335.5 13.7 20.5#



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: 0.13 ng/ul

RT: 23.44 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

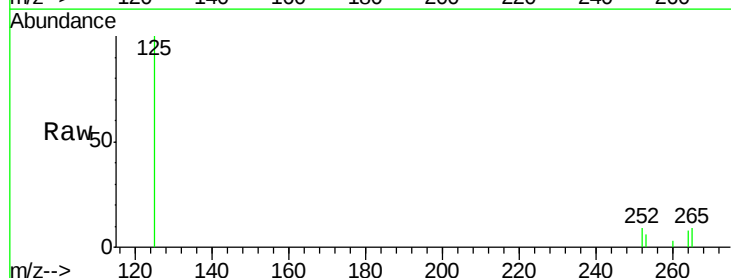
Tgt Ion:252 Resp: 1354

Ion Ratio Lower Upper

252 100

253 64.1 28.5 42.7#

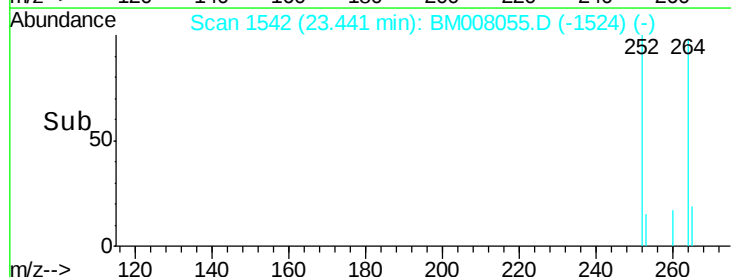
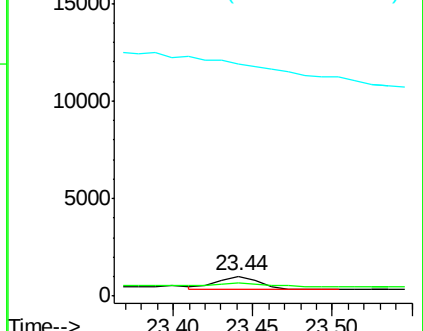
125 1156.2 18.1 27.1#

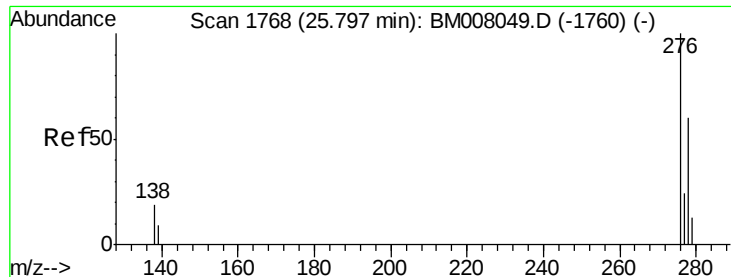


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul

RT: 25.79 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2

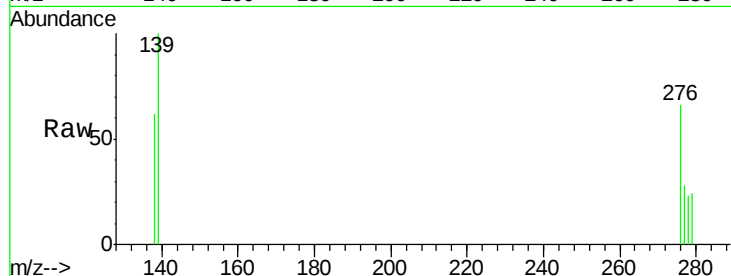
Tgt Ion:276 Resp: 1443

Ion Ratio Lower Upper

276 100

138 32.7 19.1 28.7#

277 25.2 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.79

600

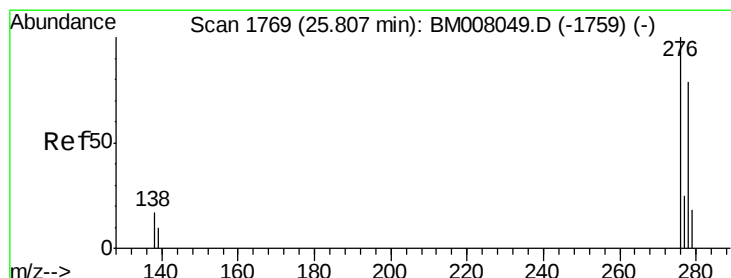
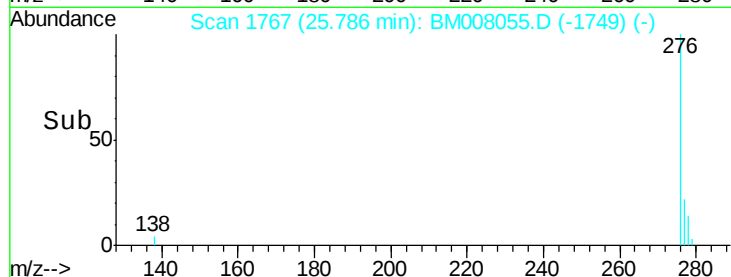
400

200

0

25.70 25.80 25.90

Time-->



#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 25.80 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BM008055.D

Acq: 24 Nov 2016 03:47

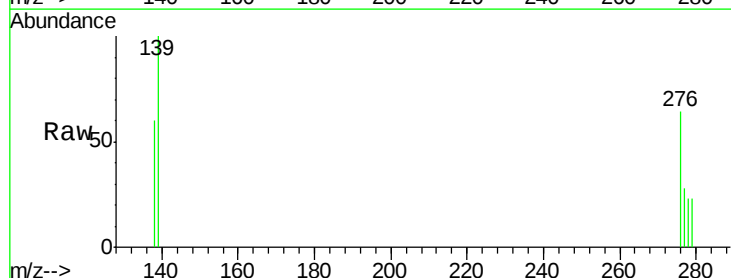
Tgt Ion:278 Resp: 358

Ion Ratio Lower Upper

278 100

139 427.8 17.4 26.0#

279 100.0 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.80

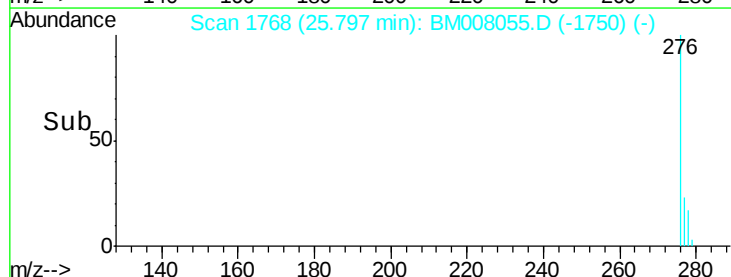
1000

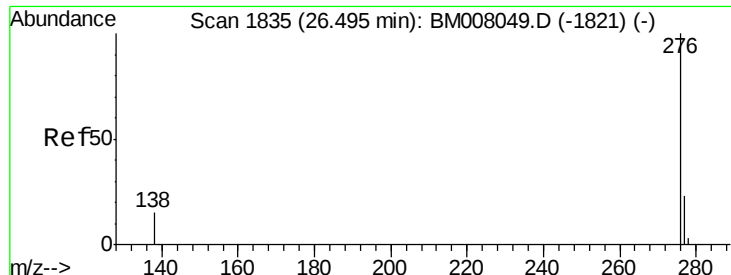
500

0

25.70 25.80 25.90

Time-->





#26

Benzo(g,h,i)perylene

Concen: 0.16 ng/ul

RT: 26.47 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM008055.D

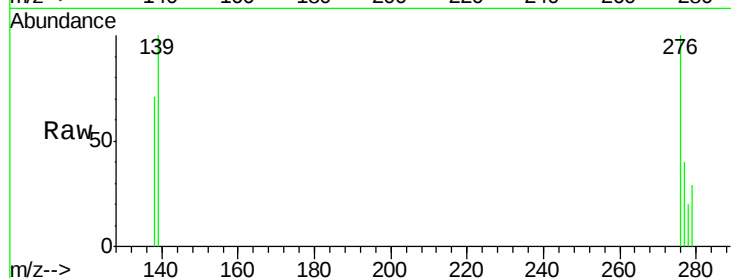
Acq: 24 Nov 2016 03:47

Instrument :

BNA_M

ClientSampleId :

JHSS2



Tgt Ion: 276 Resp: 1751

Ion Ratio Lower Upper

276 100

277 39.6 21.8 32.8#

138 71.3 20.5 30.7#

