

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008706.D
 Acq On : 28 Dec 2016 22:45
 Operator : UM/SJ
 Sample : H6067-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA794

Quant Time: Dec 29 03:34:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5	0.40	ng/ul	0.03
2) Naphthalene-d8	10.58	136	22	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.28	164	849	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.14	188	97508	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	1616	0.40	ng/ul	-0.02
20) Perylene-d12	23.50	264	2136	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	502	14.88	ng/ul	-0.10
14) Fluoranthene-d10	19.09	212	1269	0.00	ng/ul	-0.04

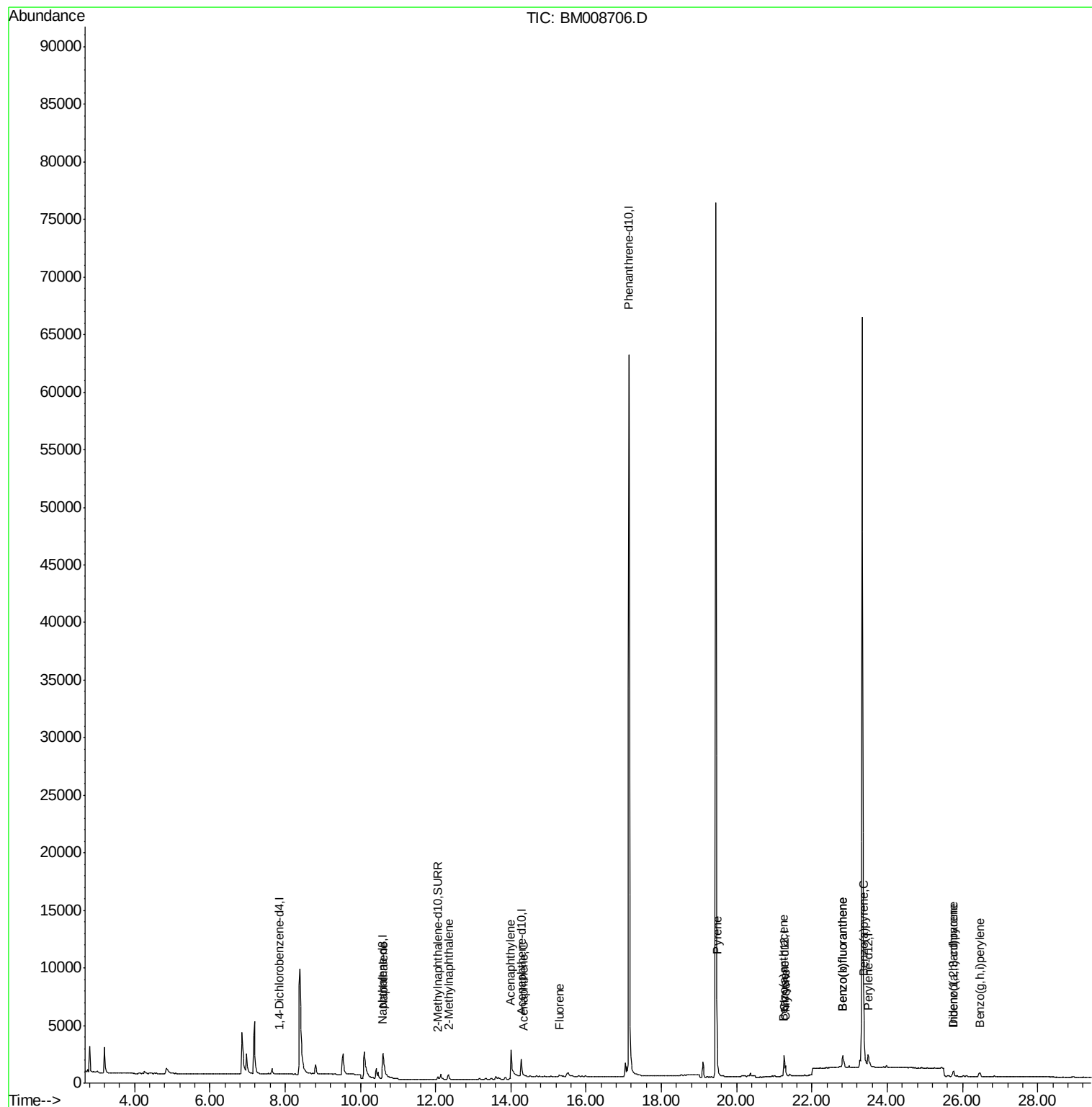
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.61	128	60	0.97	ng/ul#	1
5) 2-Methylnaphthalene	12.34	142	432	10.37	ng/ul	95
7) Acenaphthylene	14.01	152	173	0.05	ng/ul#	21
8) Acenaphthene	14.35	153	77	0.03	ng/ul#	78
9) Fluorene	15.29	166	289	0.09	ng/ul#	40
17) Pyrene	19.48	202	1682	0.27	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	1052	0.20	ng/ul#	72
19) Chrysene	21.30	228	1007	0.17	ng/ul#	73
21) Benzo(b)fluoranthene	22.82	252	2414	0.29	ng/ul	79
22) Benzo(k)fluoranthene	22.82	252	2414	0.29	ng/ul#	77
23) Benzo(a)pyrene	23.38	252	1260	0.16	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.76	276	978	0.11	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.75	278	216	0.03	ng/ul#	1
26) Benzo(g,h,i)perylene	26.46	276	907	0.11	ng/ul#	72

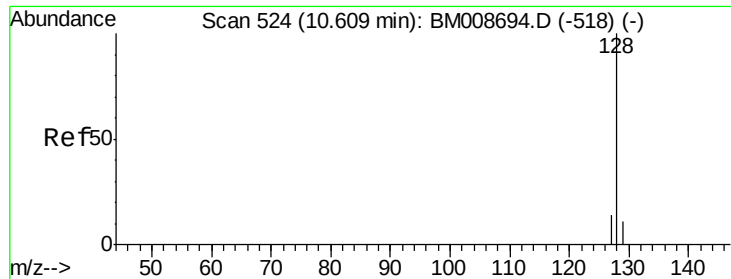
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.97 ng/ul

RT: 10.61 min Scan# 524

Delta R.T. -0.00 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

Instrument :

BNA_M

ClientSampleId :

DA794

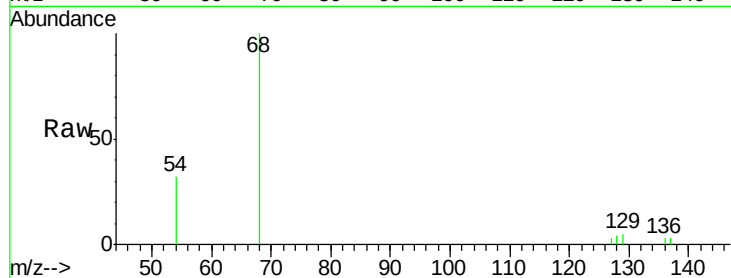
Tgt Ion:128 Resp: 60

Ion Ratio Lower Upper

128 100

129 129.4 11.3 16.9#

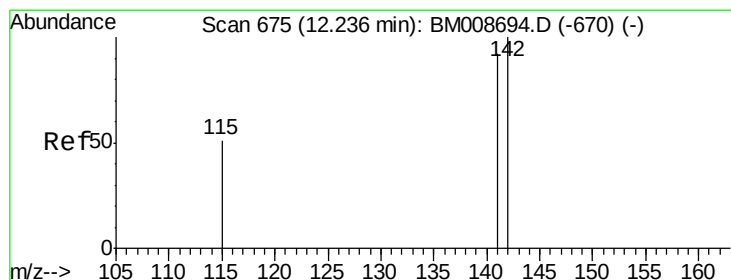
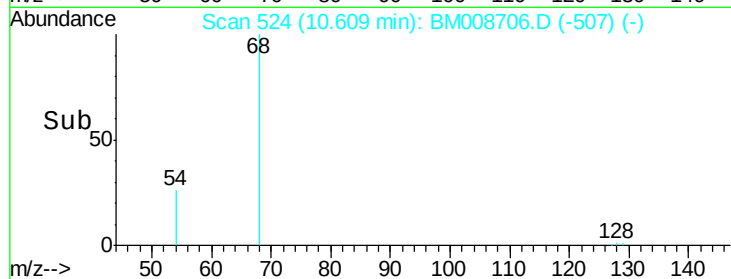
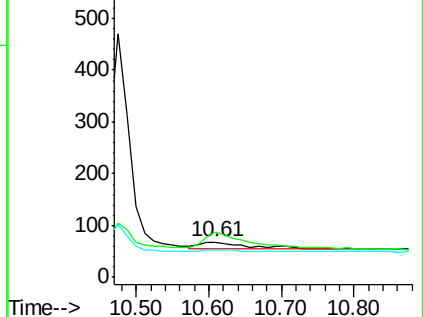
127 79.4 12.8 19.2#



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: 10.37 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.10 min

Lab File: BM008706.D

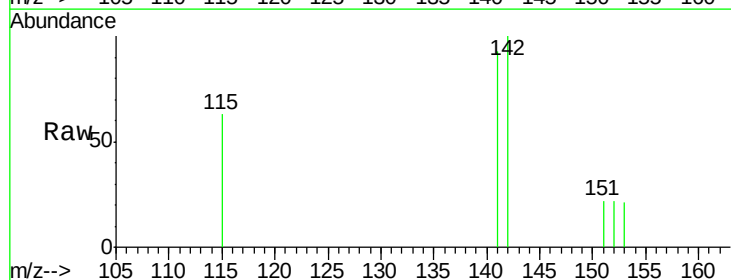
Acq: 28 Dec 2016 22:45

Tgt Ion:142 Resp: 432

Ion Ratio Lower Upper

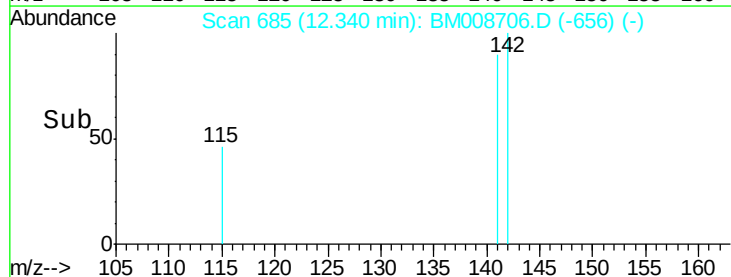
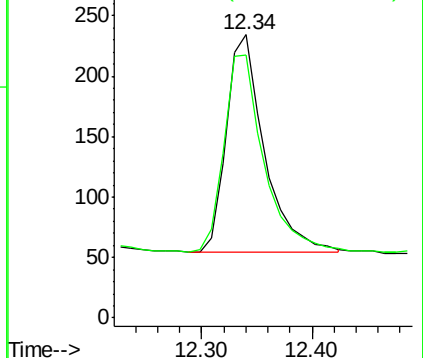
142 100

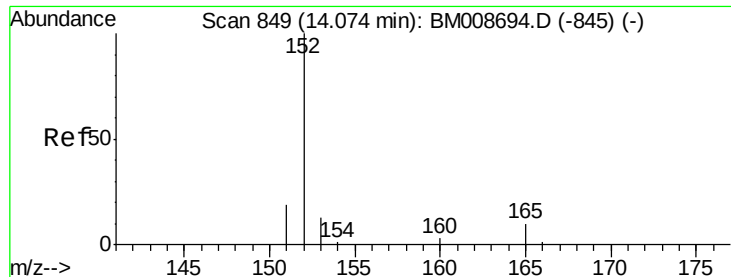
141 95.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

Instrument :

BNA_M

ClientSampleId :

DA794

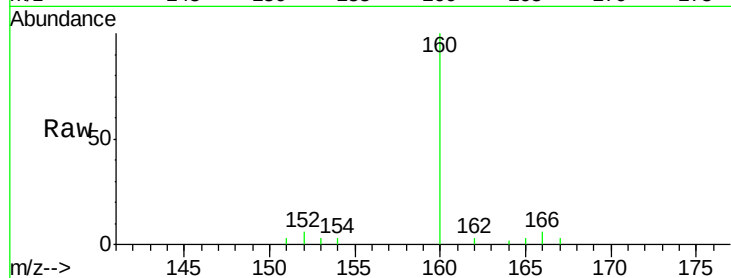
Tgt Ion:152 Resp: 173

Ion Ratio Lower Upper

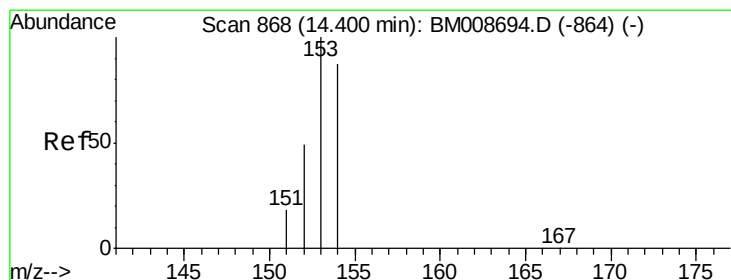
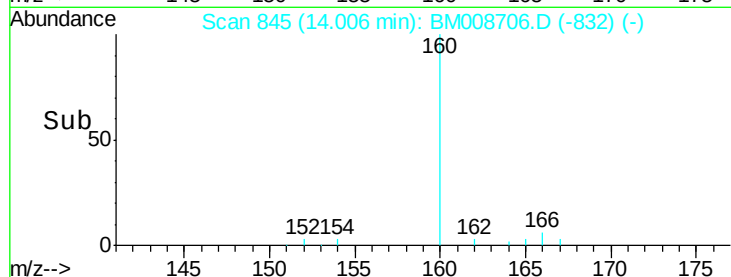
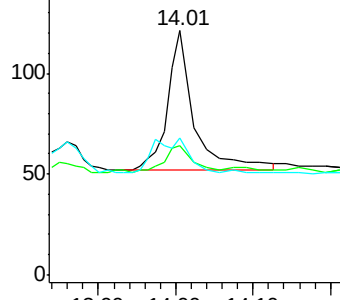
152 100

151 52.9 17.1 25.7#

153 56.2 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: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.05 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

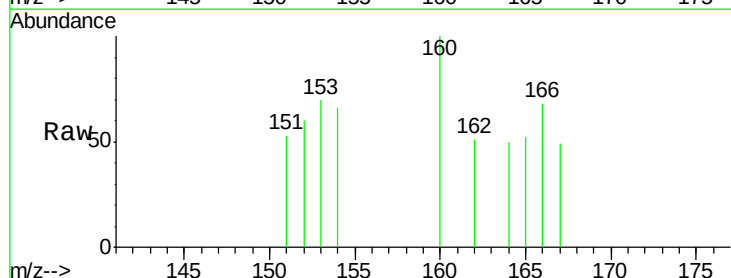
Tgt Ion:153 Resp: 77

Ion Ratio Lower Upper

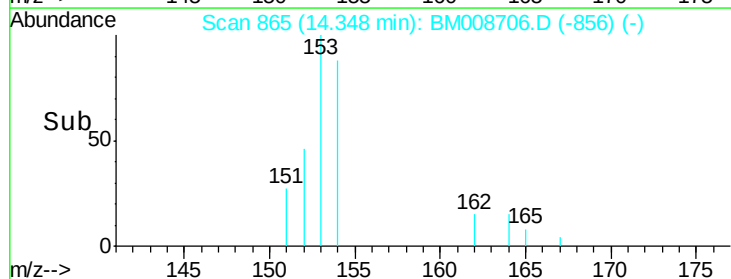
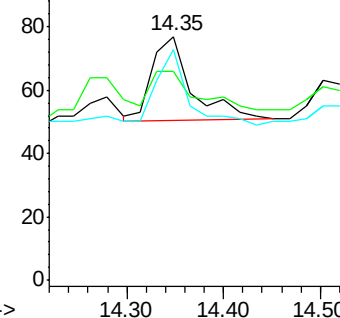
153 100

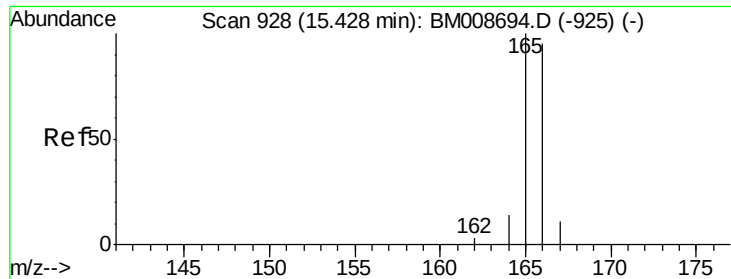
152 85.7 40.3 60.5#

154 94.8 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

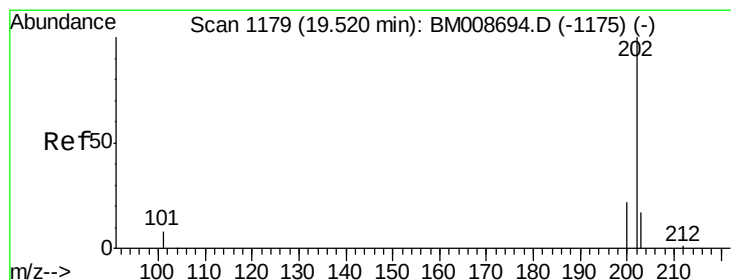
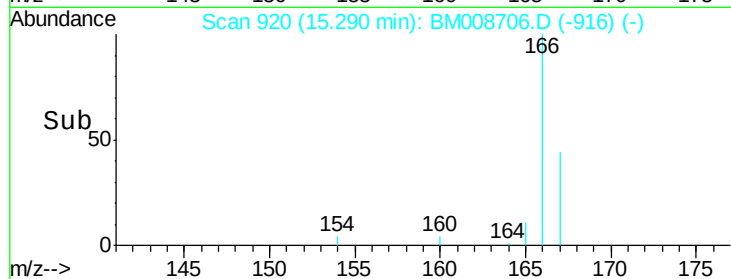
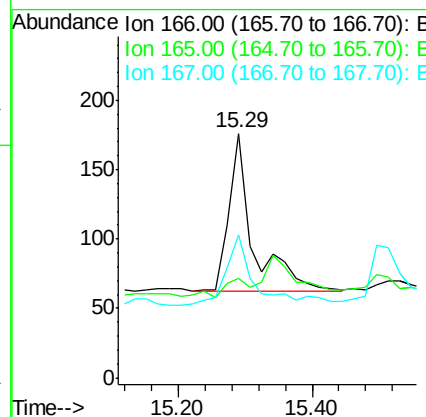
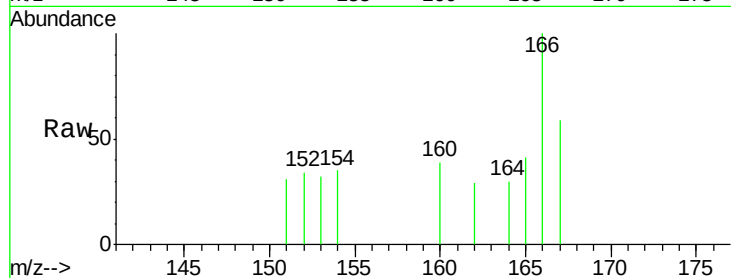




#9
Fluorene
 Concen: 0.09 ng/ul
 RT: 15.29 min Scan# 920
 Delta R.T. -0.14 min
 Lab File: BM008706.D
 Acq: 28 Dec 2016 22:45

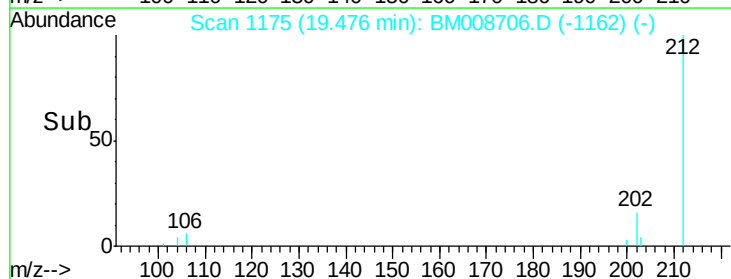
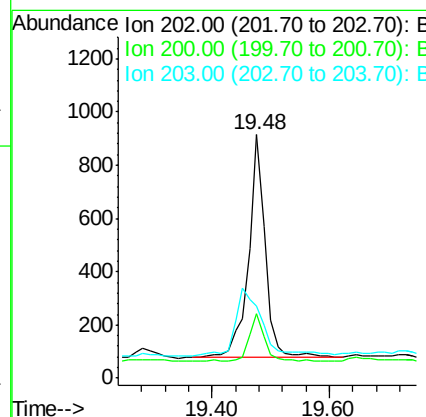
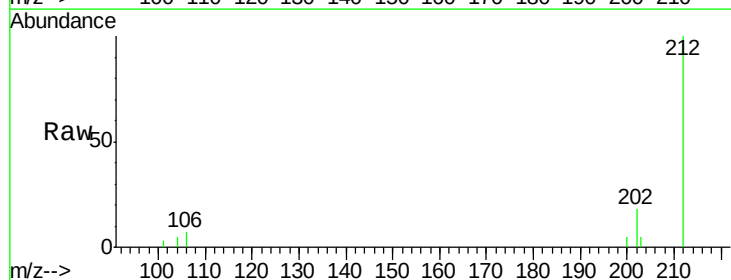
Instrument :
 BNA_M
 ClientSampleId :
 DA794

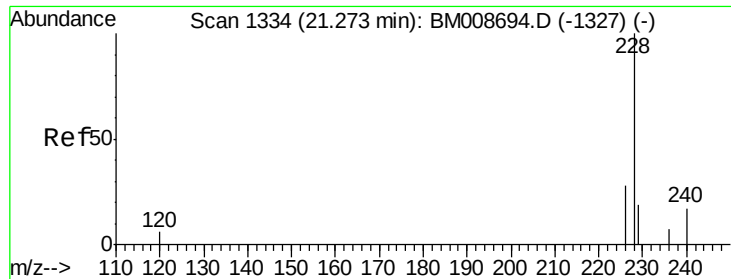
Tgt Ion:166 Resp: 289
 Ion Ratio Lower Upper
 166 100
 165 40.9 73.4 110.2#
 167 58.5 14.6 22.0#



#17
Pyrene
 Concen: 0.27 ng/ul
 RT: 19.48 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008706.D
 Acq: 28 Dec 2016 22:45

Tgt Ion:202 Resp: 1682
 Ion Ratio Lower Upper
 202 100
 200 26.3 18.2 27.4
 203 29.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.20 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

Instrument :

BNA_M

ClientSampleId :

DA794

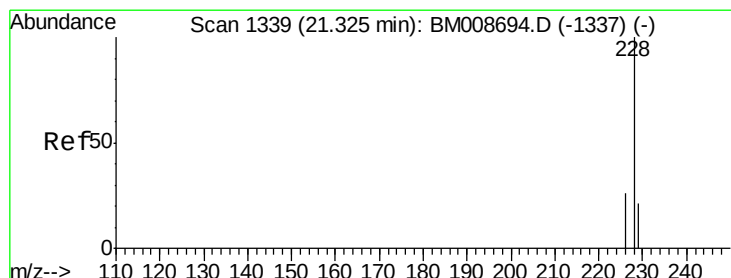
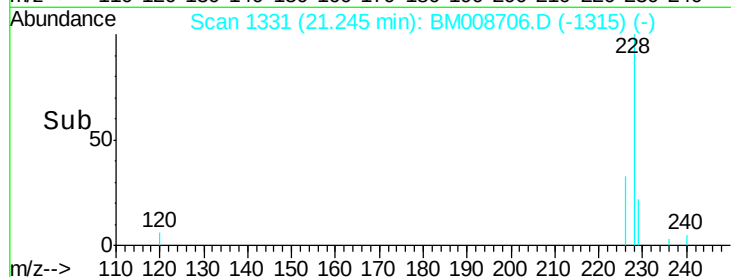
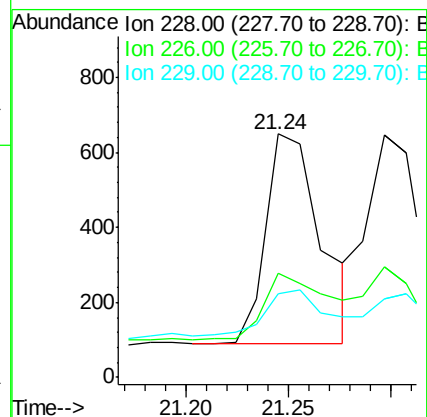
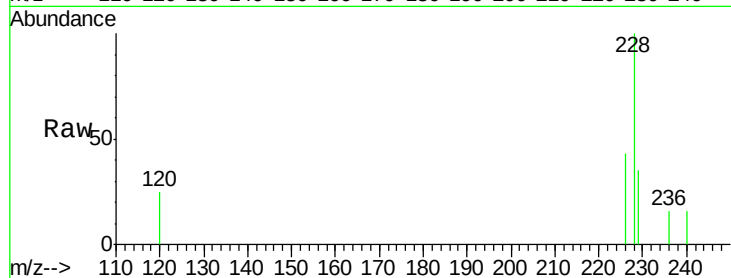
Tgt Ion:228 Resp: 1052

Ion Ratio Lower Upper

228 100

226 43.0 22.8 34.2#

229 34.7 17.0 25.6#



#19

Chrysene

Concen: 0.17 ng/ul

RT: 21.30 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

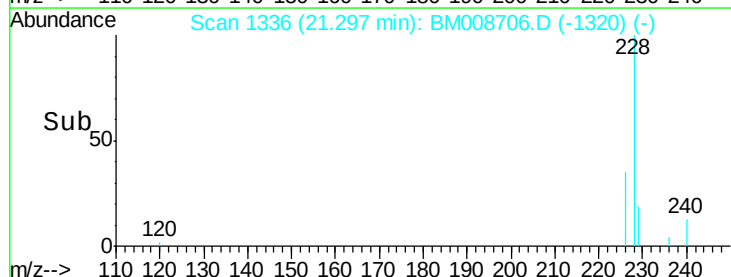
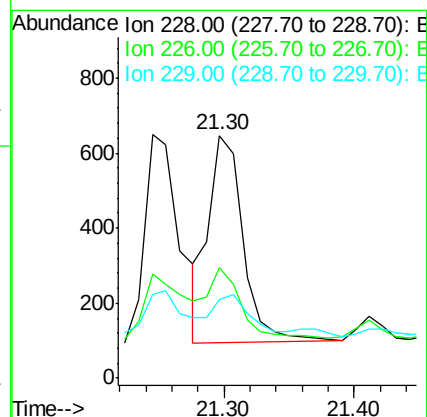
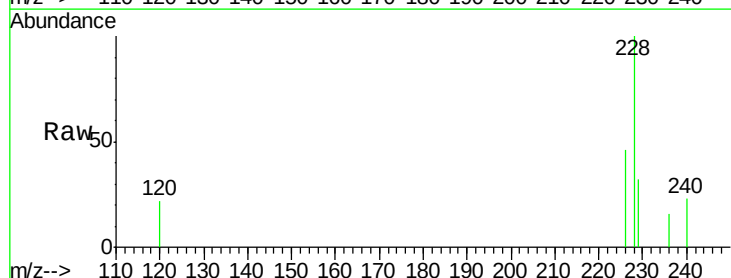
Tgt Ion:228 Resp: 1007

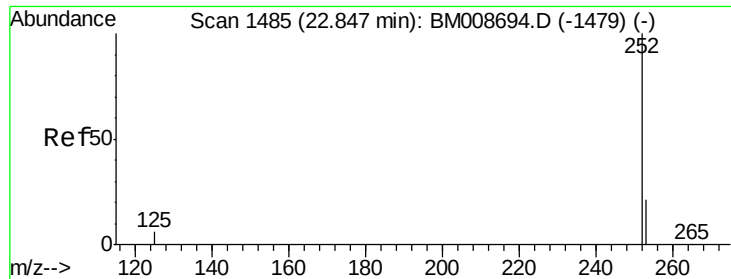
Ion Ratio Lower Upper

228 100

226 45.5 23.4 35.0#

229 32.4 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.29 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

Instrument :

BNA_M

ClientSampleId :

DA794

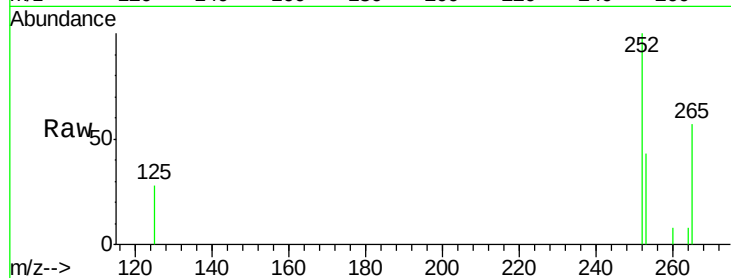
Tgt Ion:252 Resp: 2414

Ion Ratio Lower Upper

252 100

253 42.6 0.0 64.2

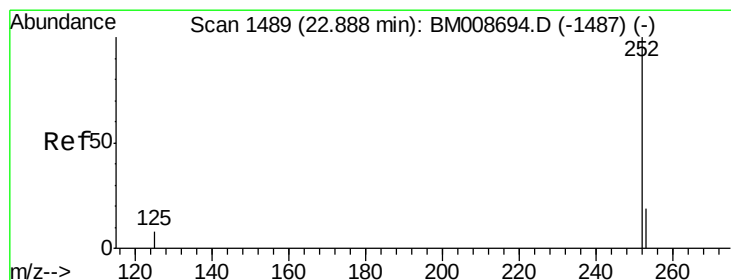
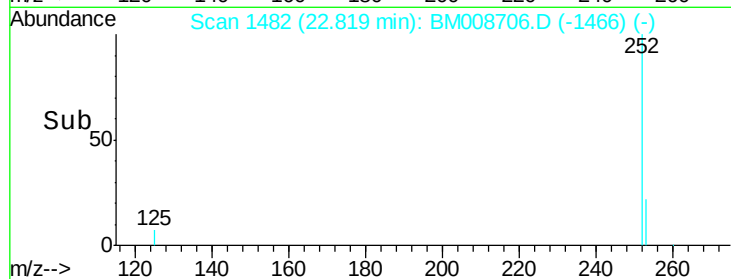
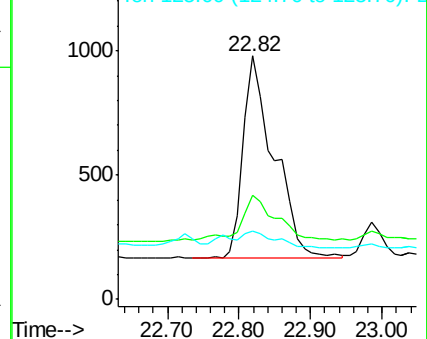
125 28.3 0.0 35.0



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: 0.29 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.07 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

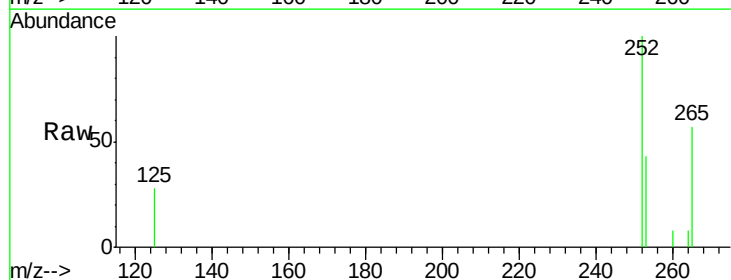
Tgt Ion:252 Resp: 2414

Ion Ratio Lower Upper

252 100

253 42.6 24.5 36.7#

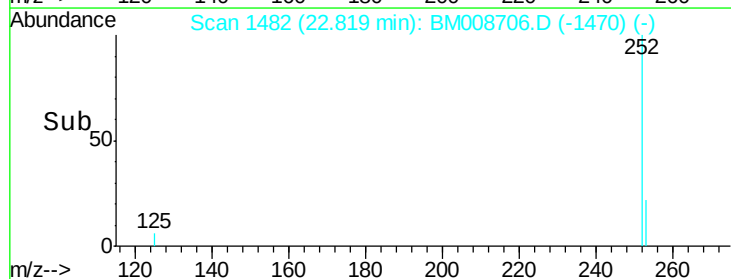
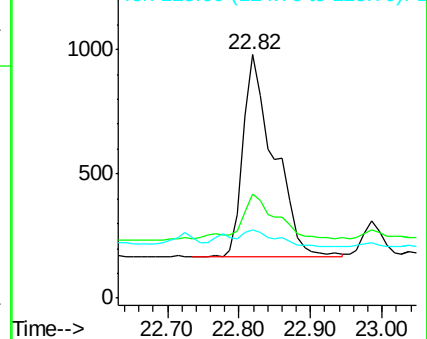
125 28.3 13.7 20.5#

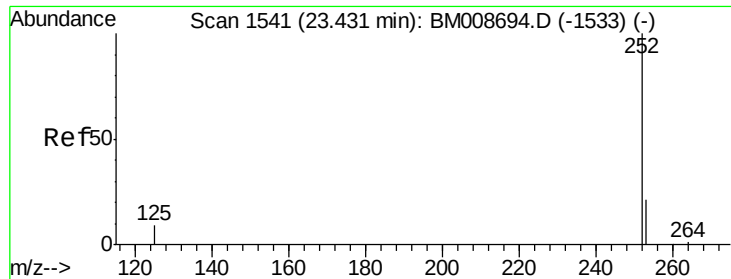


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.16 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

Instrument :

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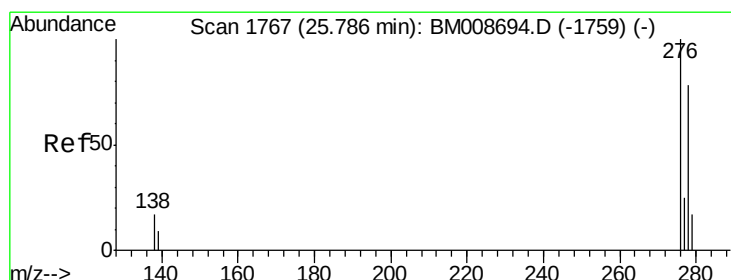
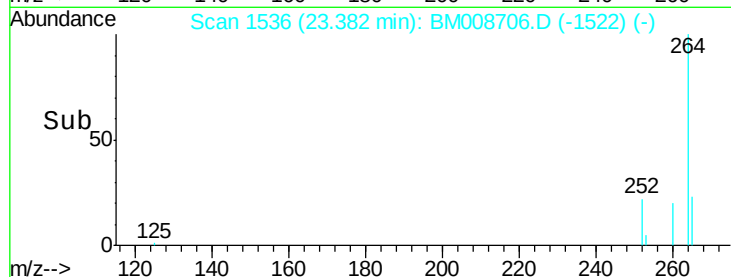
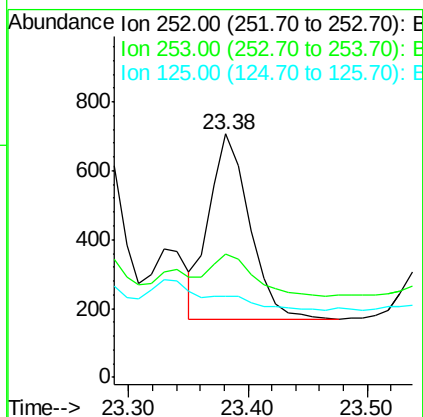
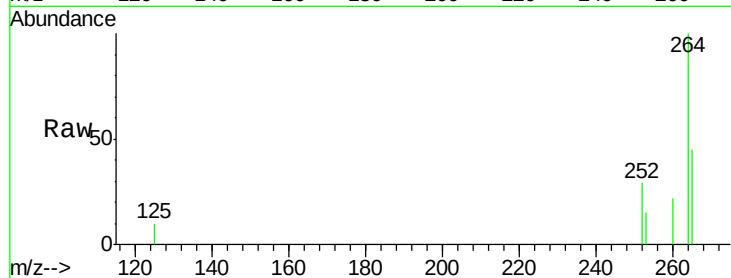
Tgt Ion: 252 Resp: 1260

Ion Ratio Lower Upper

252 100

253 50.8 28.5 42.7#

125 33.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.11 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

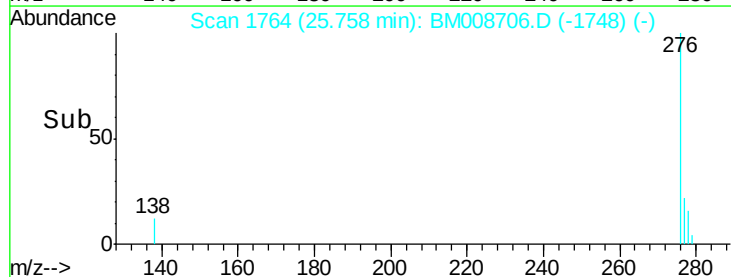
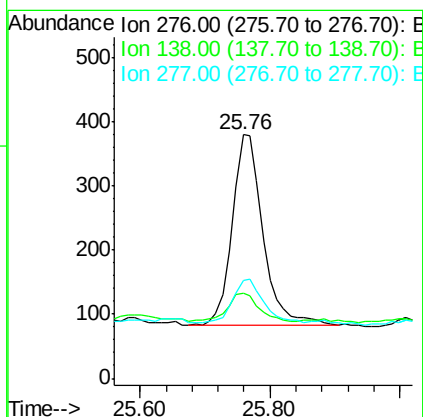
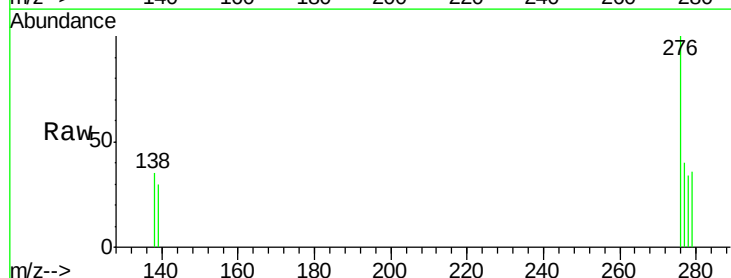
Tgt Ion: 276 Resp: 978

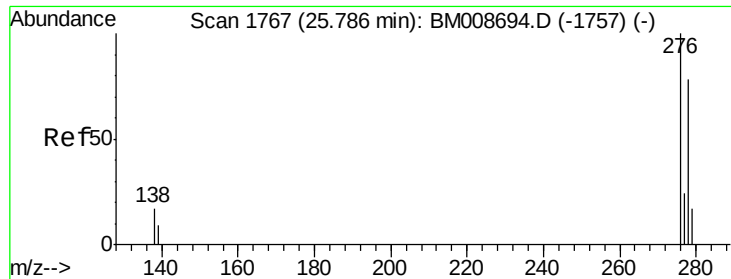
Ion Ratio Lower Upper

276 100

138 14.8 19.1 28.7#

277 22.9 19.6 29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 25.75 min Scan# 1763

Delta R.T. -0.04 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

Instrument :

BNA_M

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DA794

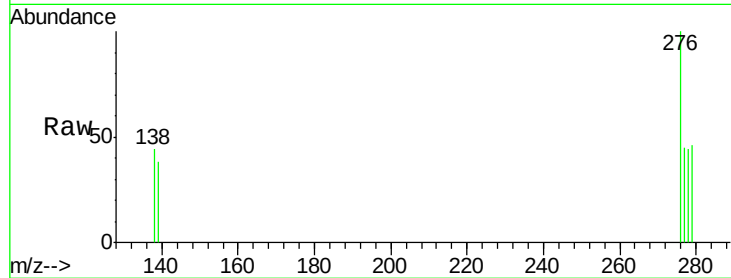
Tgt Ion: 278 Resp: 216

Ion Ratio Lower Upper

278 100

139 87.0 17.4 26.0#

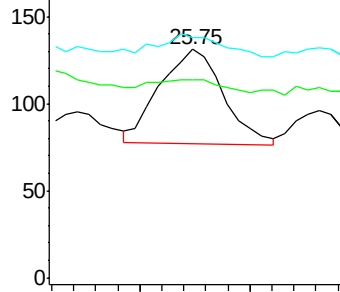
279 105.3 25.9 38.9#



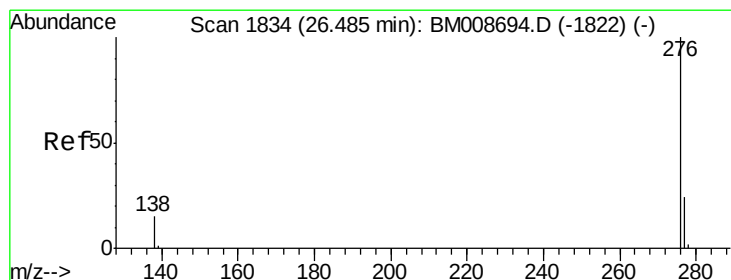
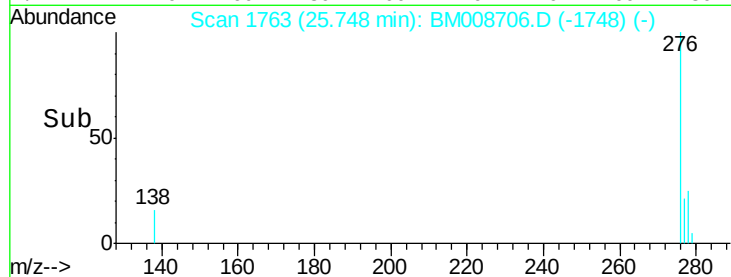
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.11 ng/ul

RT: 26.46 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BM008706.D

Acq: 28 Dec 2016 22:45

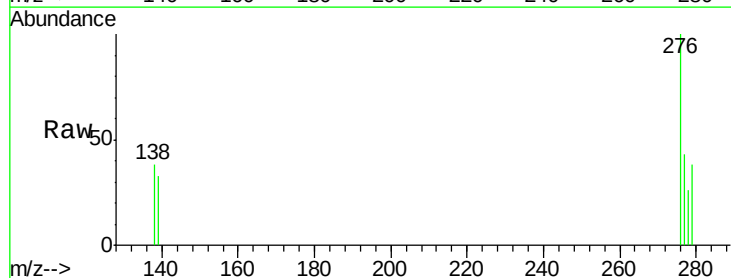
Tgt Ion: 276 Resp: 907

Ion Ratio Lower Upper

276 100

277 43.3 21.8 32.8#

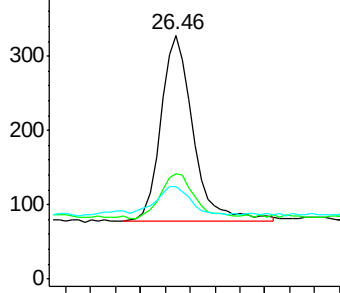
138 37.8 20.5 30.7#



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



Time-->

