

Data File : BM021789.D
Acq On : 04 Aug 2019 00:48
Operator : HP/JU
Sample : K3850-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR7

Quant Time: Aug 04 04:27:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1168	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4373	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2487	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.14	188	231397	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.26
20) Perylene-d12	23.46	264	11478	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1009	0.14	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

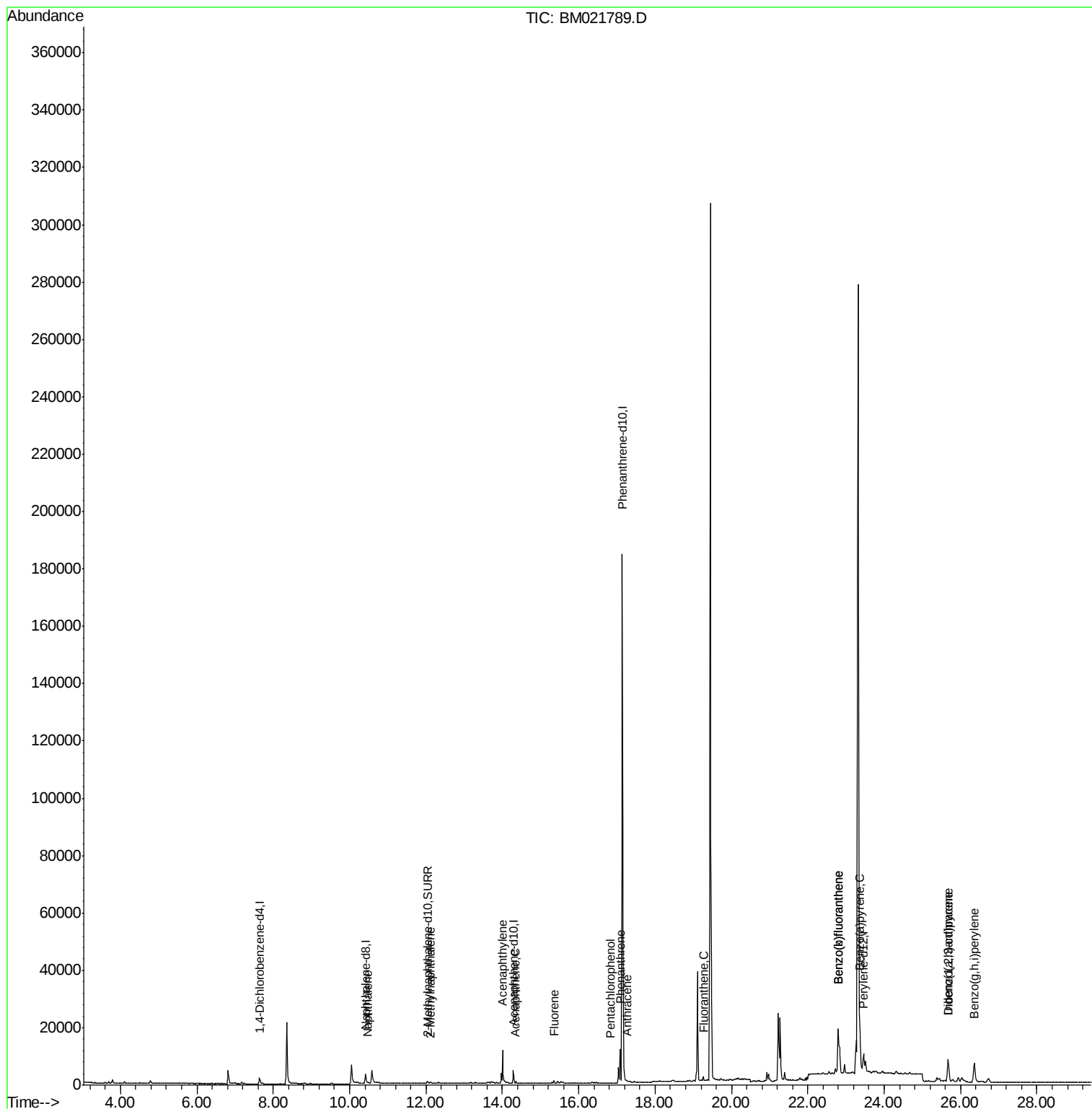
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	480	0.039	ng/ul#	71
5) 2-Methylnaphthalene	12.11	142	232	0.028	ng/ul	93
7) Acenaphthylene	14.01	152	1257	0.108	ng/ul#	91
8) Acenaphthene	14.35	153	361	0.038	ng/ul#	93
9) Fluorene	15.35	166	632	0.060	ng/ul#	92
11) Pentachlorophenol	16.82	266	5	0.000	ng/ul#	42
12) Phenanthrene	17.09	178	12413	0.018	ng/ul	97
13) Anthracene	17.26	178	130	0.000	ng/ul#	1
15) Fluoranthene	19.26	202	1085	0.001	ng/ul	85
21) Benzo(b)fluoranthene	22.80	252	37577	0.971	ng/ul	90
22) Benzo(k)fluoranthene	22.80	252	37577	0.858	ng/ul	90
23) Benzo(a)pyrene	23.36	252	20226	0.514	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.68	276	13988	0.298	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.68	278	3403	0.090	ng/ul#	79
26) Benzo(g,h,i)perylene	26.36	276	14463	0.342	ng/ul	98

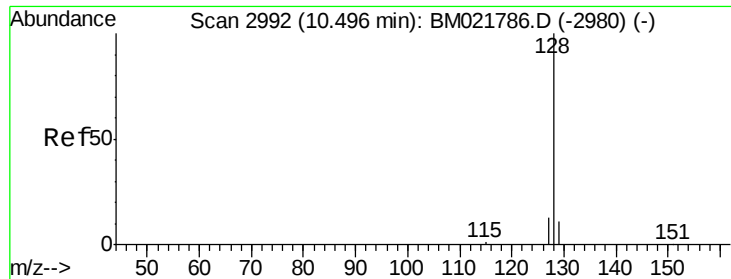
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.03 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

BENR7

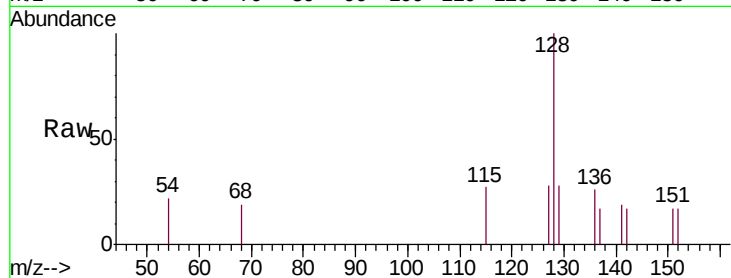
Tgt Ion:128 Resp: 480

Ion Ratio Lower Upper

128 100

129 28.3 12.3 18.5#

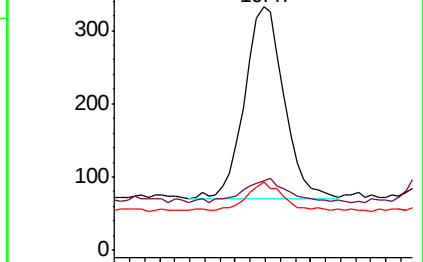
127 28.0 13.0 19.6#



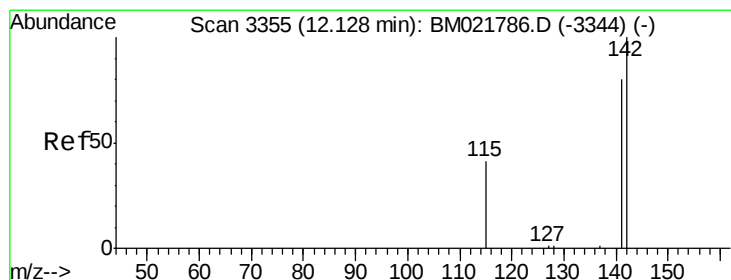
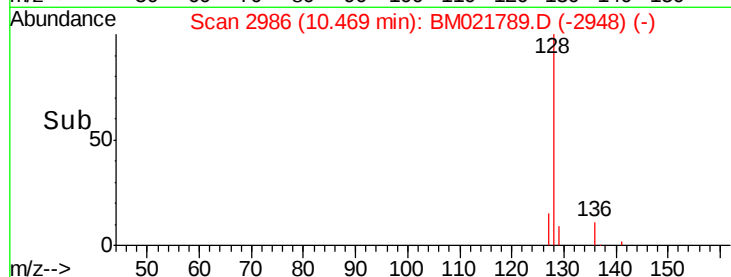
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.11 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BM021789.D

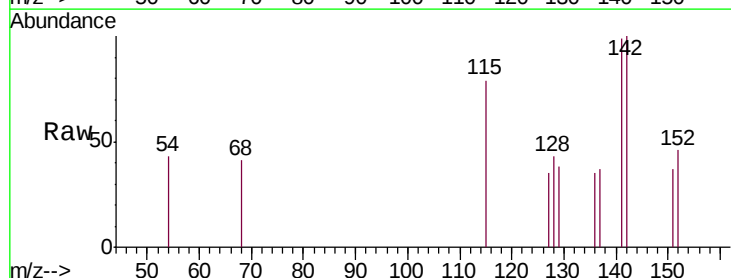
Acq: 04 Aug 2019 00:48

Tgt Ion:142 Resp: 232

Ion Ratio Lower Upper

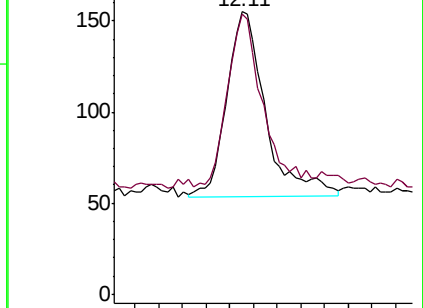
142 100

141 86.2 74.3 111.5

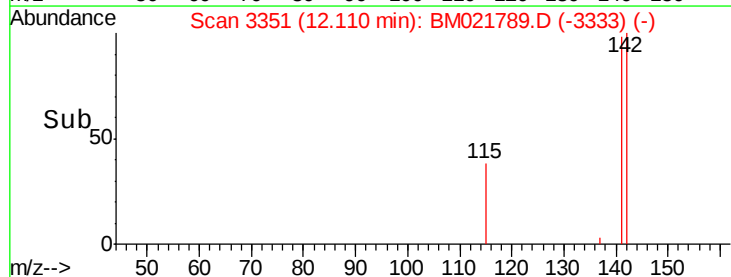


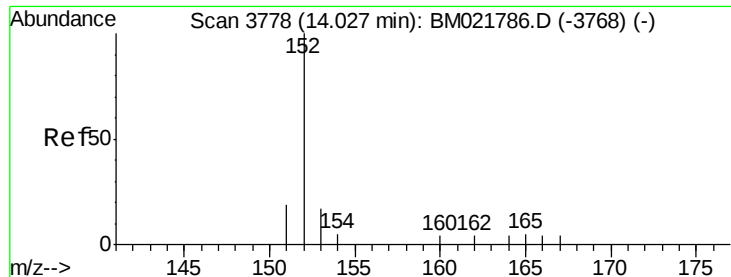
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

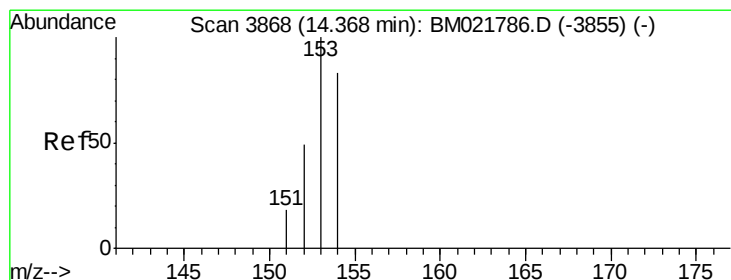
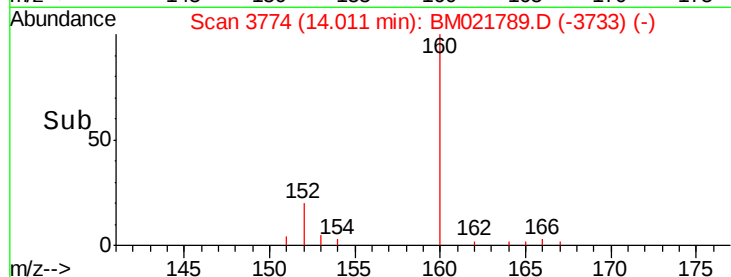
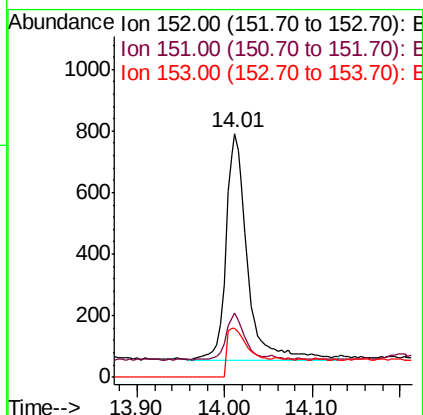
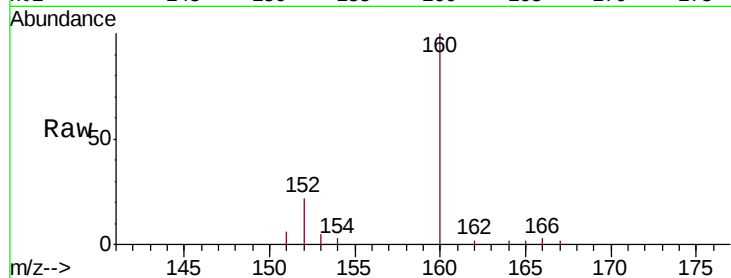
Instrument :

BNA_M

ClientSampleId :

BENR7

Tgt Ion:	152	Resp:	1257
Ion	Ratio	Lower	Upper
152	100		
151	26.4	18.3	27.5
153	20.4	12.8	19.2#



#8

Acenaphthene

Concen: 0.038 ng/ul

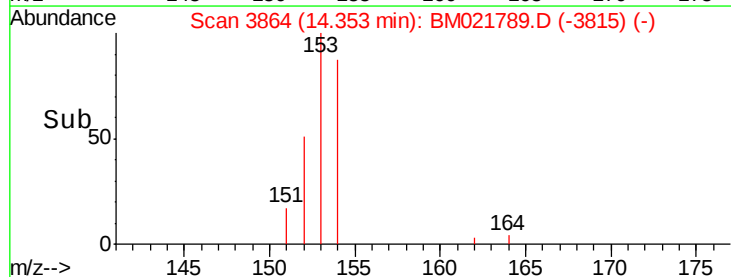
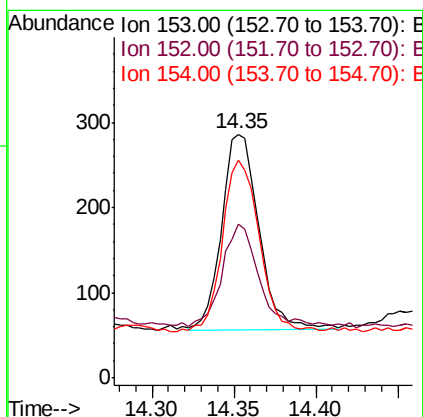
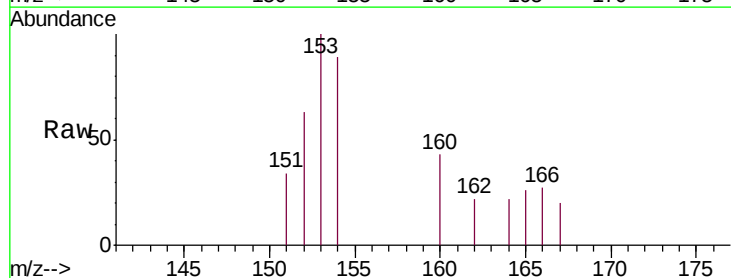
RT: 14.35 min Scan# 3864

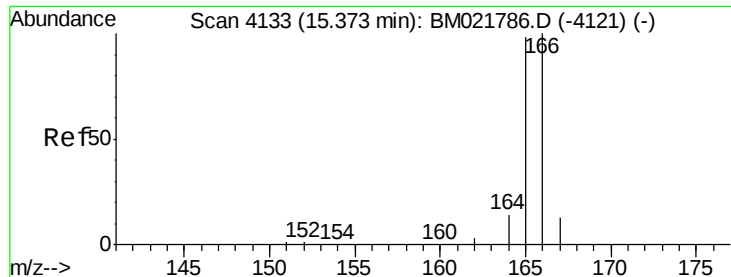
Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Tgt Ion:	153	Resp:	361
Ion	Ratio	Lower	Upper
153	100		
152	63.3	41.3	61.9#
154	89.2	72.3	108.5





#9

Fluorene

Concen: 0.060 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

BENR7

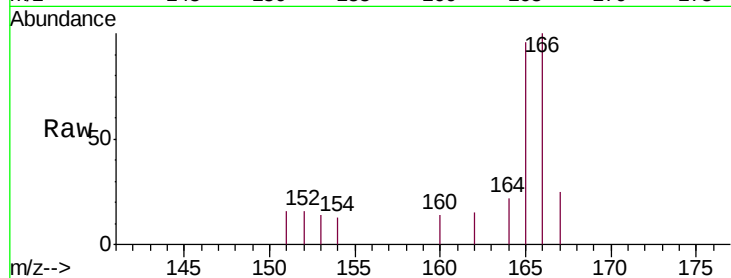
Tgt Ion:166 Resp: 632

Ion Ratio Lower Upper

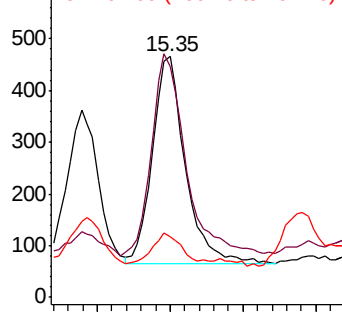
166 100

165 95.7 81.4 122.0

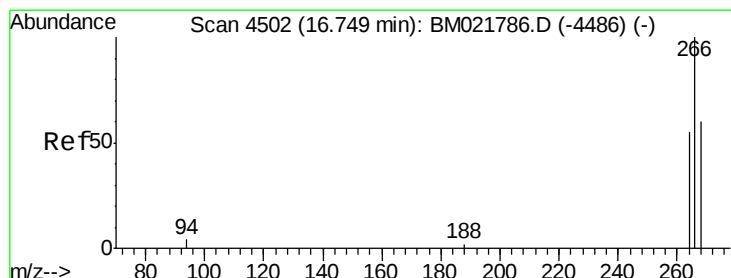
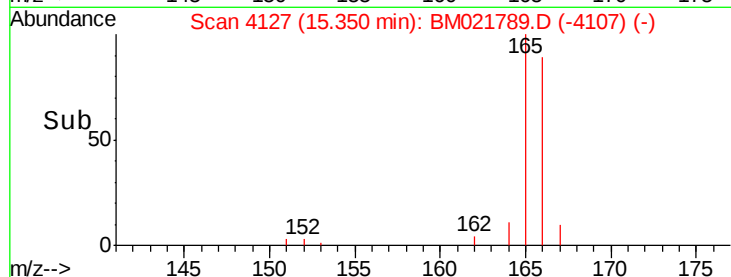
167 24.9 13.7 20.5#



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



Time-->



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.82 min Scan# 4522

Delta R.T. 0.07 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

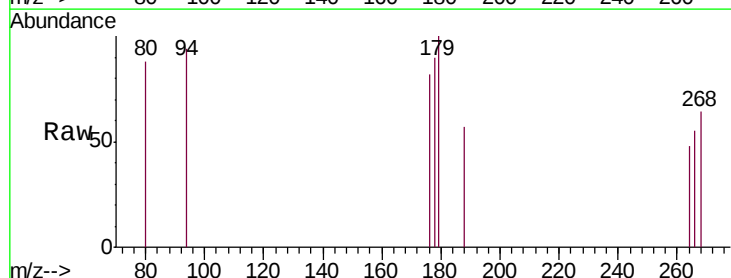
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

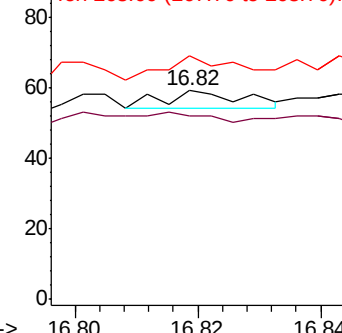
266 100

264 20.0 54.2 81.2#

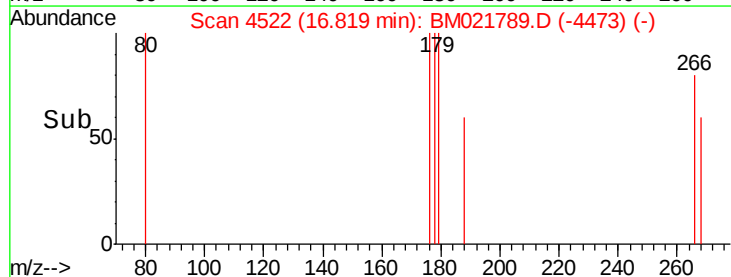
268 120.0 57.6 86.4#

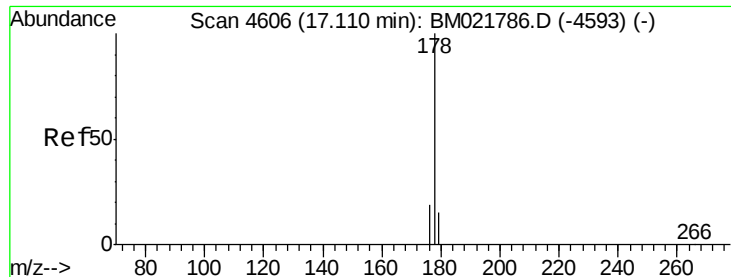


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.018 ng/ul

RT: 17.09 min Scan# 4599

Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

BENR7

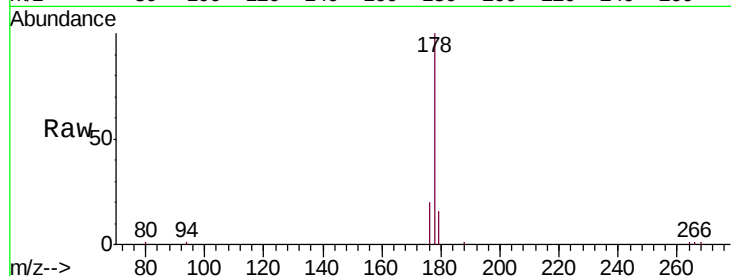
Tgt Ion:178 Resp: 12413

Ion Ratio Lower Upper

178 100

179 16.2 14.2 21.2

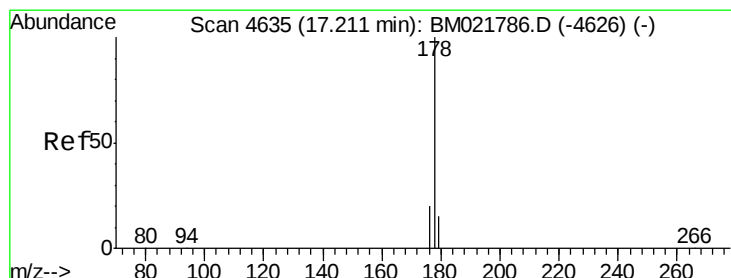
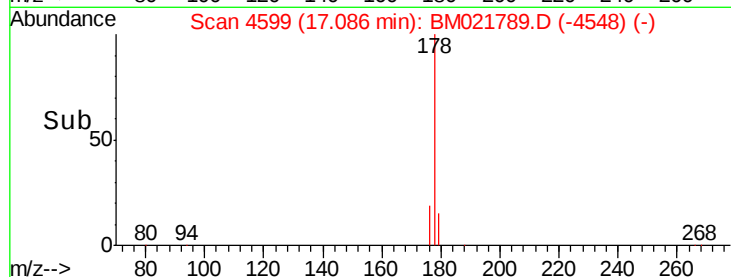
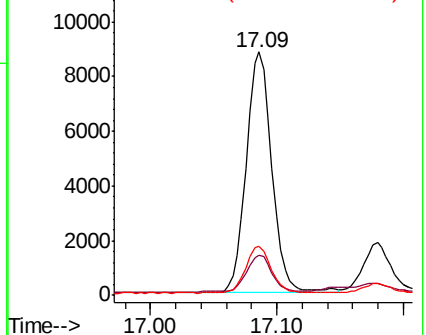
176 20.1 16.8 25.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.26 min Scan# 4648

Delta R.T. 0.05 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

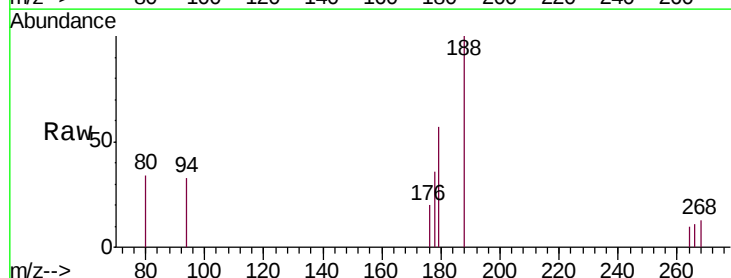
Tgt Ion:178 Resp: 130

Ion Ratio Lower Upper

178 100

179 158.2 15.5 23.3#

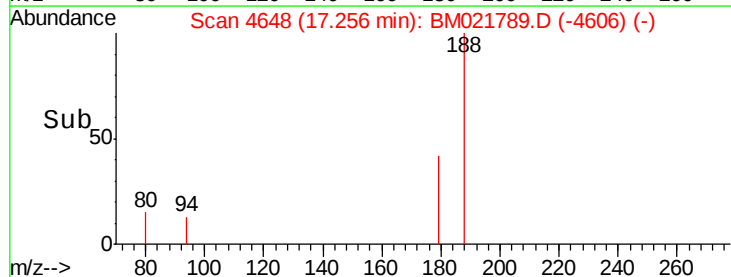
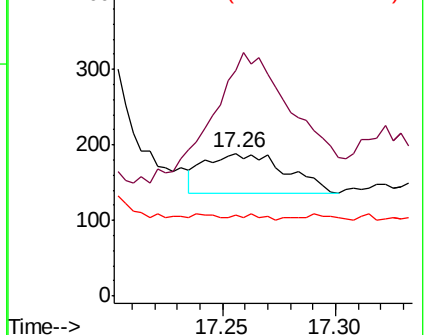
176 56.6 16.6 25.0#

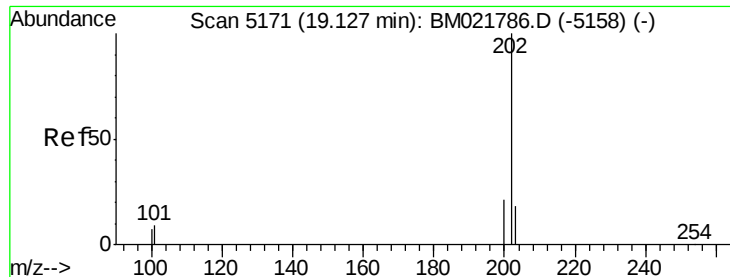


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.001 ng/ul

RT: 19.26 min Scan# 5207

Delta R.T. 0.14 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

BENR7

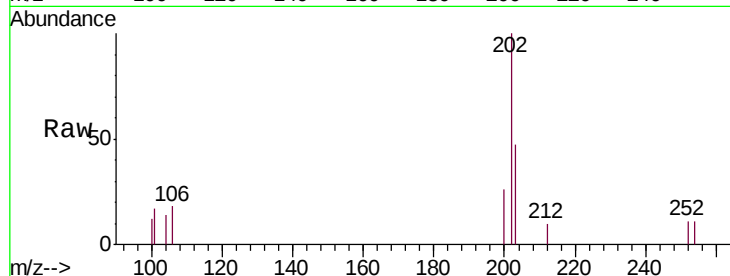
Tgt Ion:202 Resp: 1085

Ion Ratio Lower Upper

202 100

101 16.7 0.0 30.2

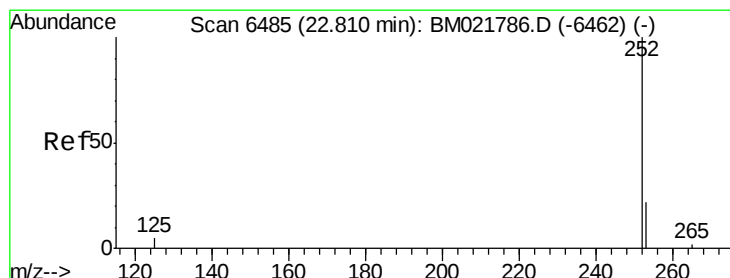
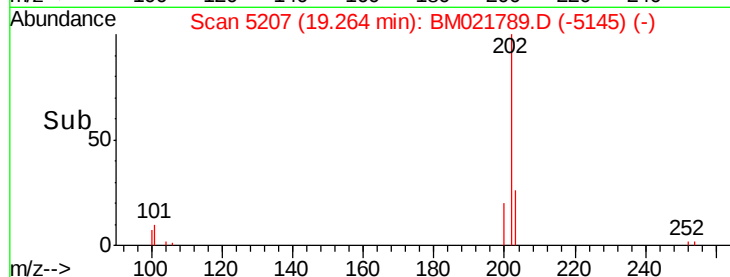
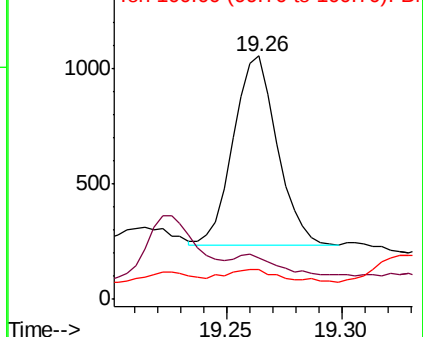
100 12.3 0.0 28.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#21

Benzo(b)fluoranthene

Concen: 0.971 ng/ul

RT: 22.80 min Scan# 6479

Delta R.T. -0.01 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

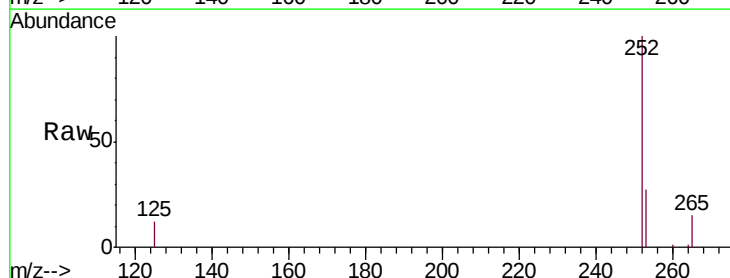
Tgt Ion:252 Resp: 37577

Ion Ratio Lower Upper

252 100

253 27.2 0.0 67.4

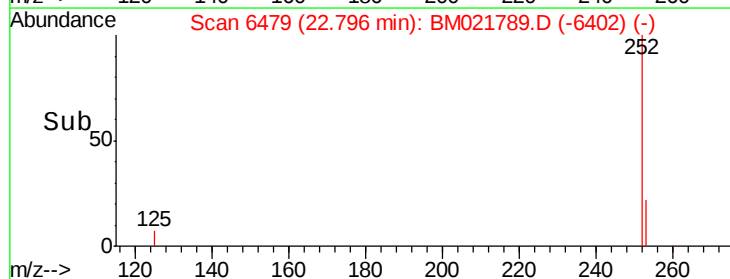
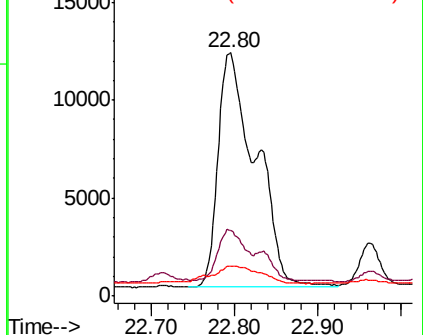
125 12.5 0.0 31.0

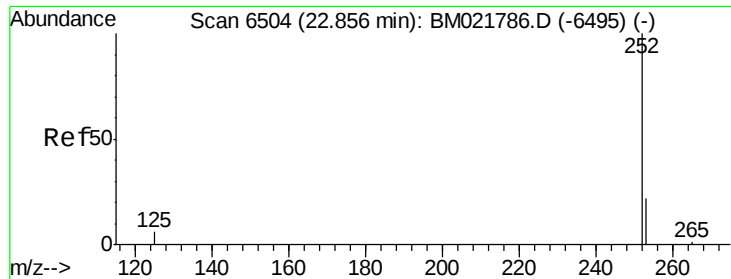


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.858 ng/ul

RT: 22.80 min Scan# 6479

Delta R.T. -0.06 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

BENR7

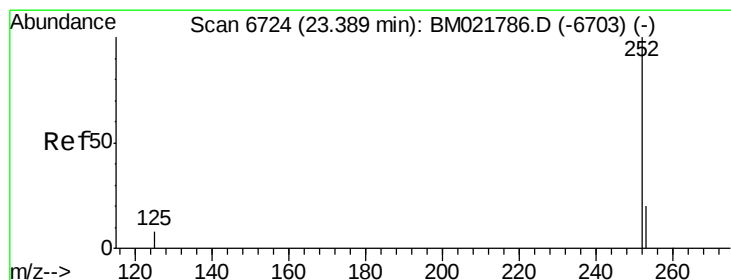
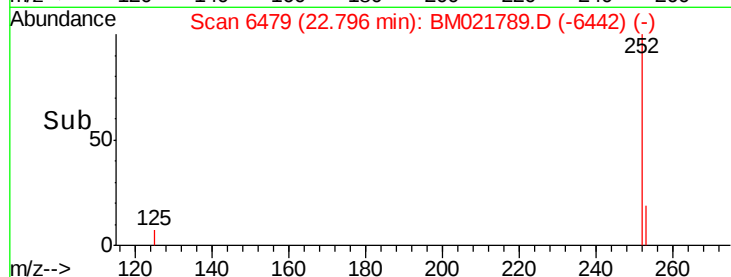
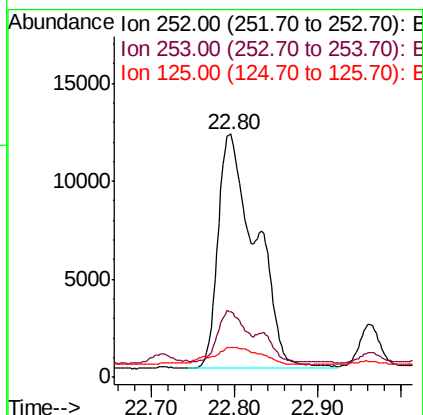
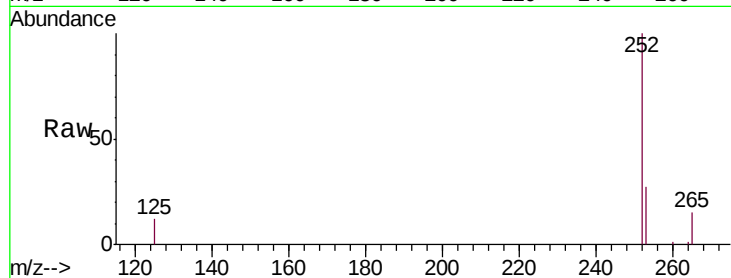
Tgt Ion:252 Resp: 37577

Ion Ratio Lower Upper

252 100

253 27.2 27.0 40.4

125 12.5 12.2 18.2



#23

Benzo(a)pyrene

Concen: 0.514 ng/ul

RT: 23.36 min Scan# 6712

Delta R.T. -0.03 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

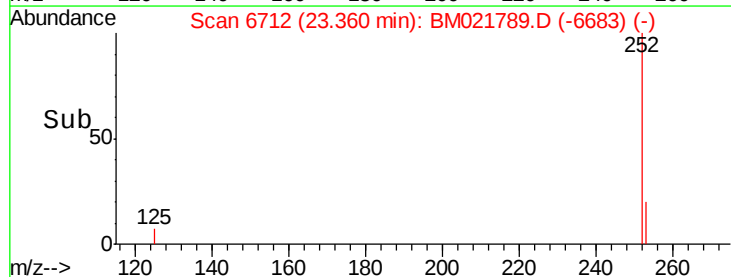
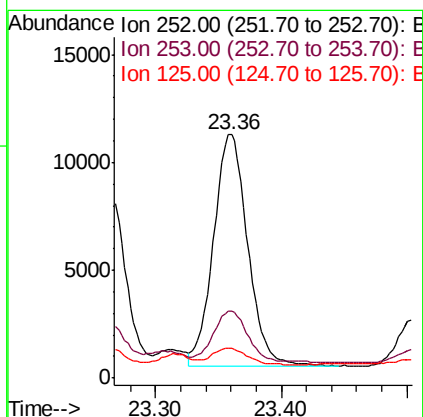
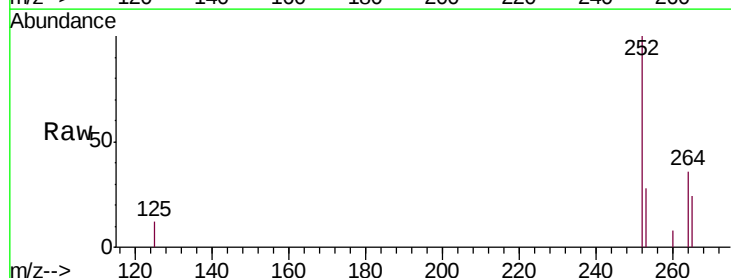
Tgt Ion:252 Resp: 20226

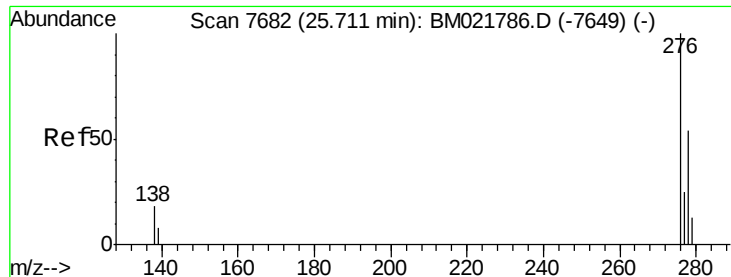
Ion Ratio Lower Upper

252 100

253 27.8 31.7 47.5#

125 12.2 14.6 21.8#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.298 ng/u1

RT: 25.68 min Scan# 7669

Delta R.T. -0.03 min

Lab File: BM021789.D

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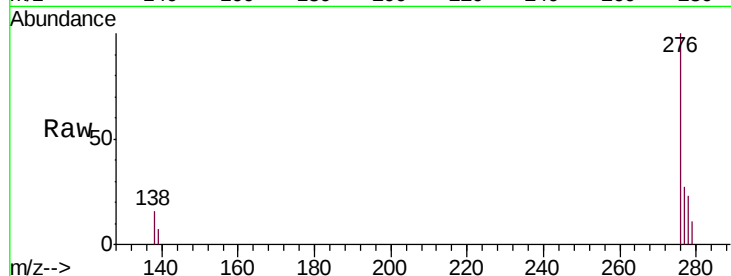
Tgt Ion:276 Resp: 13988

Ion Ratio Lower Upper

276 100

138 13.5 15.1 22.7#

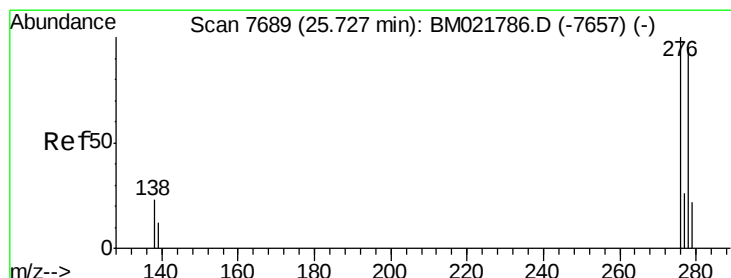
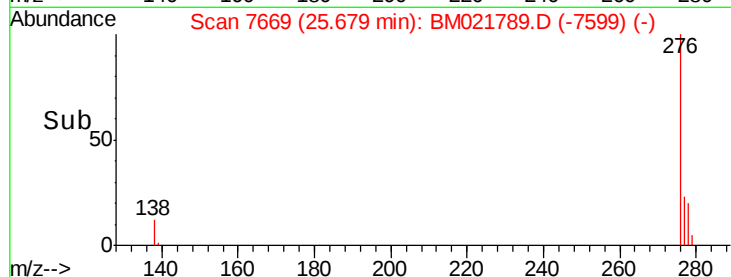
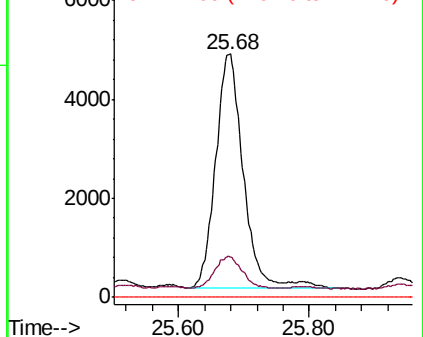
227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.090 ng/u1

RT: 25.68 min Scan# 7671

Delta R.T. -0.04 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

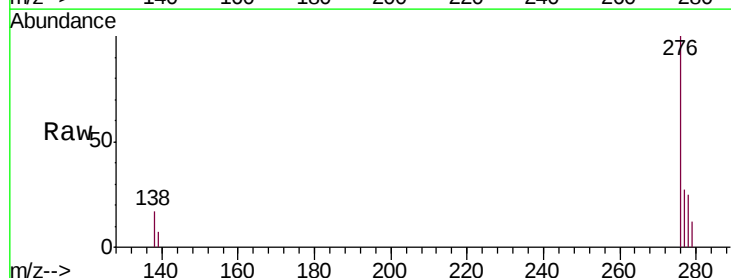
Tgt Ion:278 Resp: 3403

Ion Ratio Lower Upper

278 100

139 28.2 14.2 21.2#

279 47.0 28.3 42.5#



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

