

Data File : BM021787.D
Acq On : 03 Aug 2019 23:34
Operator : HP/JU
Sample : K3850-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR6

Quant Time: Aug 04 04:27:04 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	1013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4052	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2226	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.15	188	235998	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.26
20) Perylene-d12	23.31	264	370404	0.40	ng/ul	-0.17

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1113	0.17	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

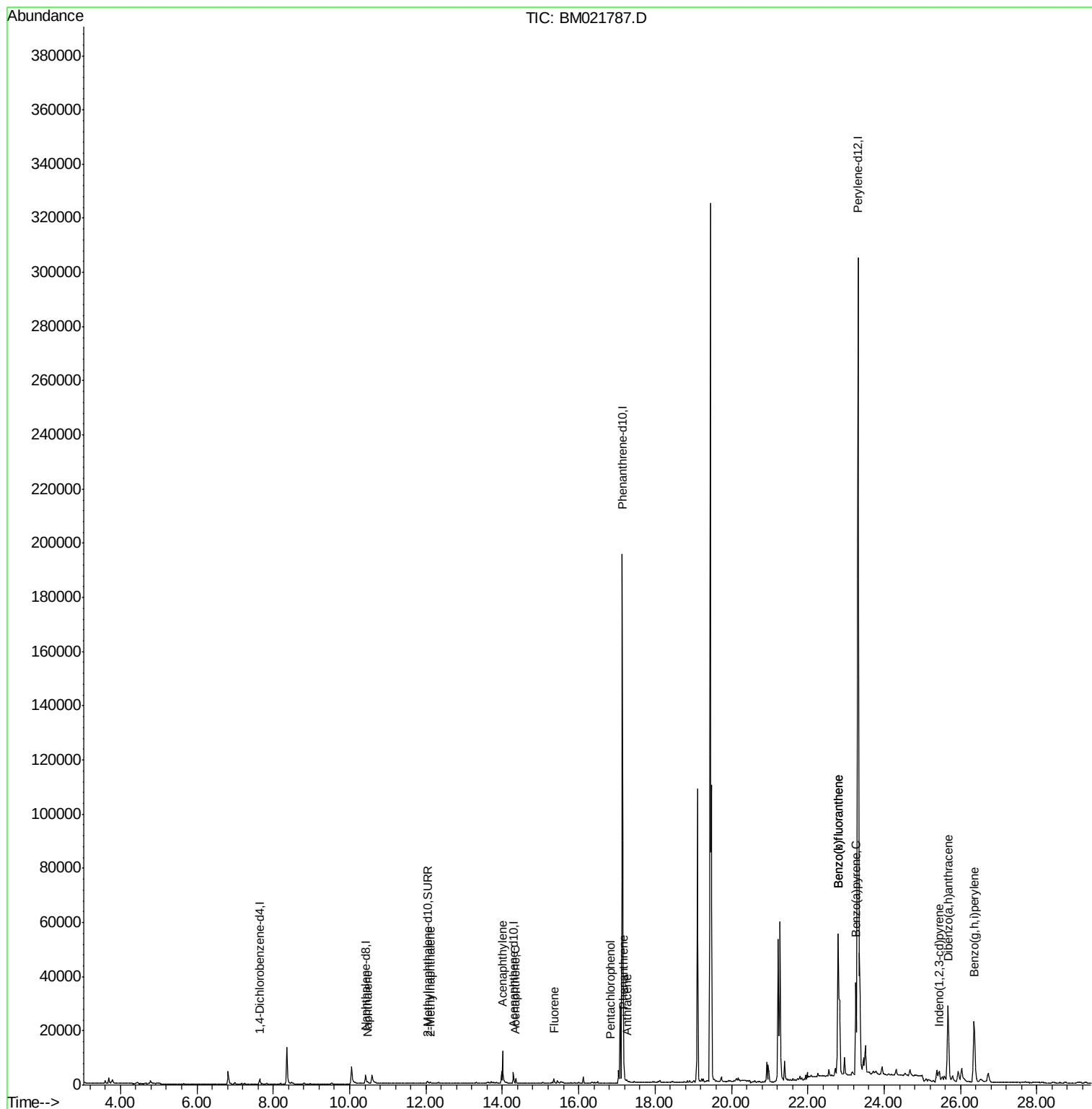
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	859	0.075	ng/ul#	86
5) 2-Methylnaphthalene	12.11	142	437	0.057	ng/ul	93
7) Acenaphthylene	14.01	152	1793	0.173	ng/ul	95
8) Acenaphthene	14.35	153	1069	0.126	ng/ul	96
9) Fluorene	15.35	166	1255	0.133	ng/ul#	95
11) Pentachlorophenol	16.82	266	2	0.000	ng/ul#	1
12) Phenanthrene	17.18	178	5176	0.008	ng/ul	97
13) Anthracene	17.26	178	533	0.001	ng/ul#	1
21) Benzo(b)fluoranthene	22.79	252	108392	0.087	ng/ul	83
22) Benzo(k)fluoranthene	22.79	252	99385	0.070	ng/ul#	83
23) Benzo(a)pyrene	23.26	252	48334	0.038	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.44	276	6404	0.004	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.68	278	9904	0.008	ng/ul	97
26) Benzo(g,h,i)perylene	26.36	276	44364	0.032	ng/ul	94

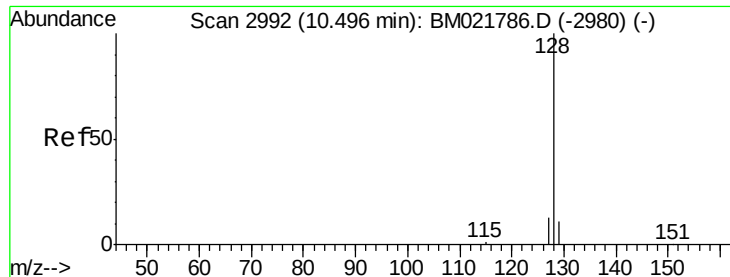
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.03 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampleId :

BENR6

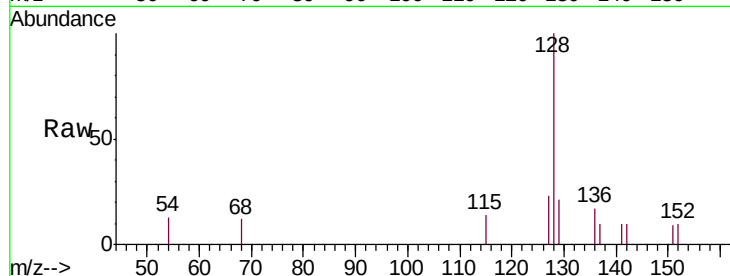
Tgt Ion:128 Resp: 859

Ion Ratio Lower Upper

128 100

129 21.2 12.3 18.5#

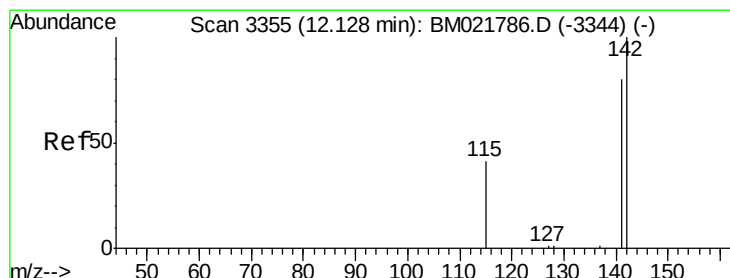
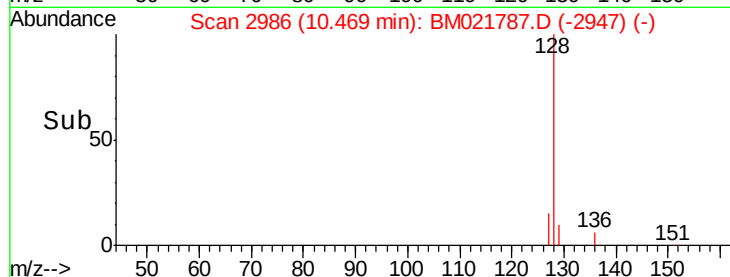
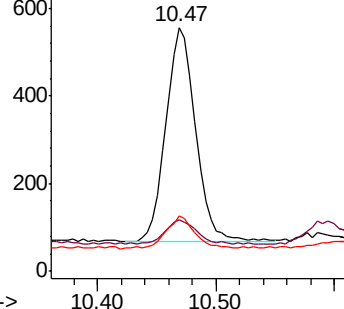
127 22.7 13.0 19.6#



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



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.11 min Scan# 3350

Delta R.T. -0.02 min

Lab File: BM021787.D

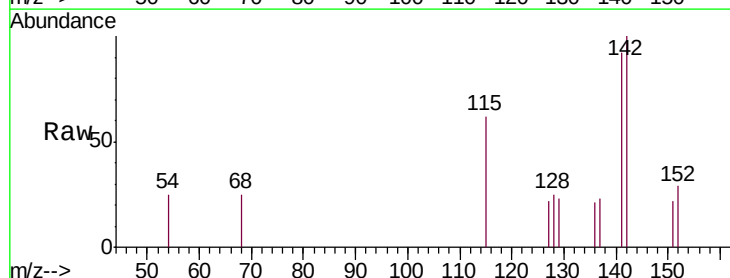
Acq: 03 Aug 2019 23:34

Tgt Ion:142 Resp: 437

Ion Ratio Lower Upper

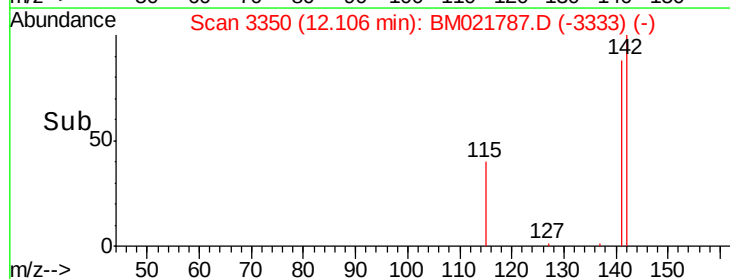
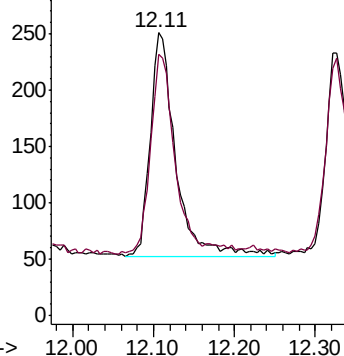
142 100

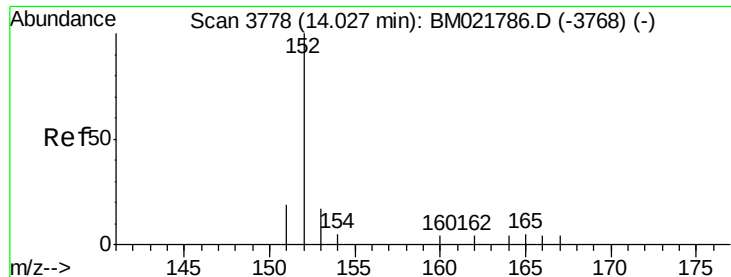
141 86.3 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.173 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampleId :

BENR6

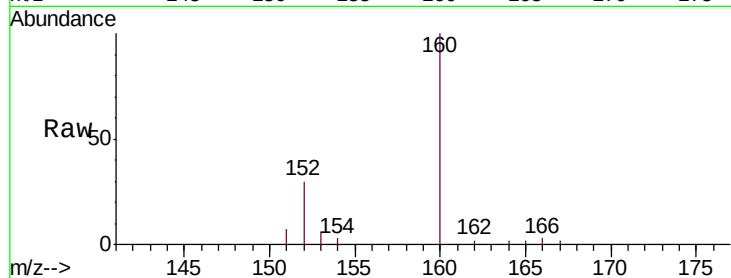
Tgt Ion:152 Resp: 1793

Ion Ratio Lower Upper

152 100

151 24.6 18.3 27.5

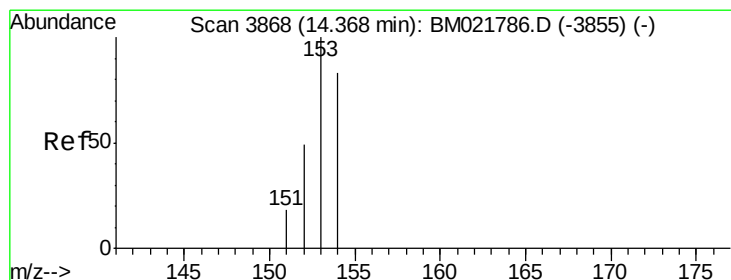
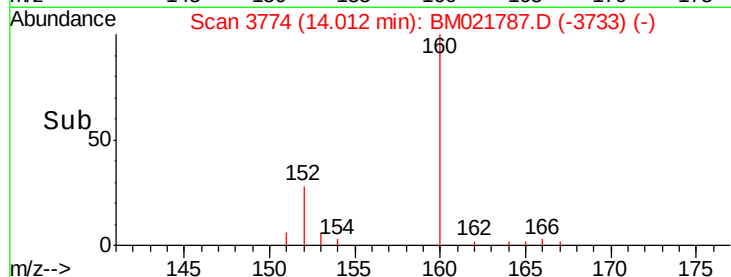
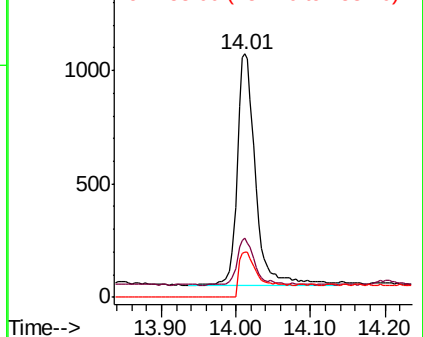
153 18.7 12.8 19.2



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: 0.126 ng/ul

RT: 14.35 min Scan# 3864

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

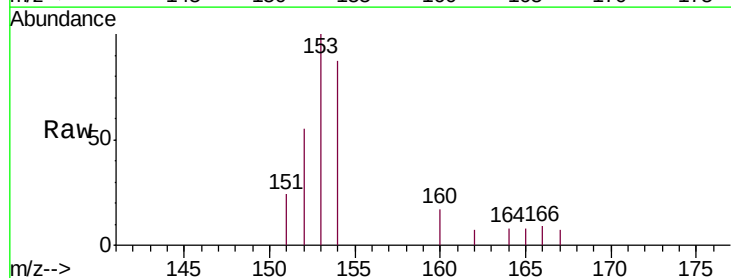
Tgt Ion:153 Resp: 1069

Ion Ratio Lower Upper

153 100

152 55.1 41.3 61.9

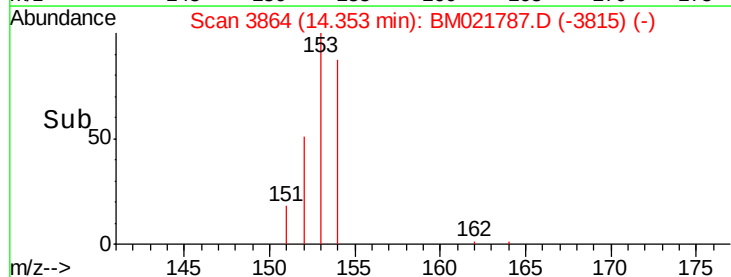
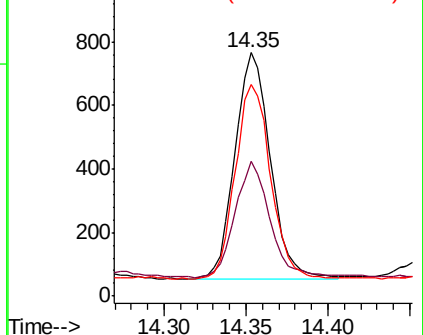
154 87.1 72.3 108.5

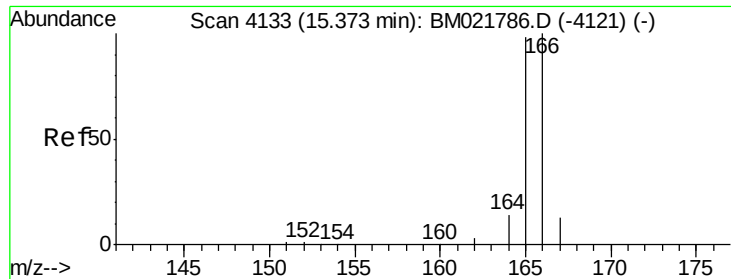


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.133 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampleId :

BENR6

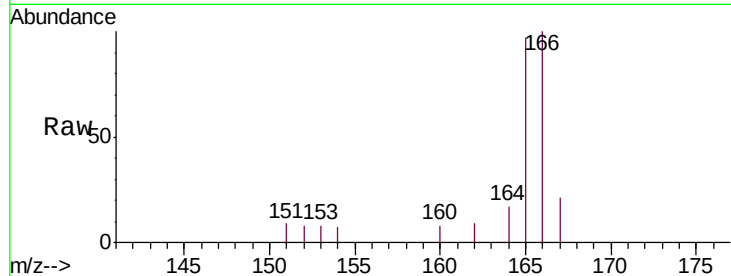
Tgt Ion:166 Resp: 1255

Ion Ratio Lower Upper

166 100

165 97.2 81.4 122.0

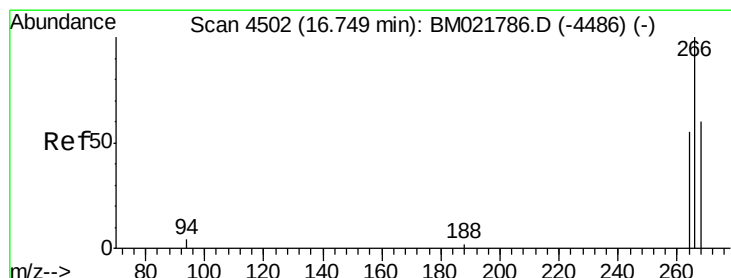
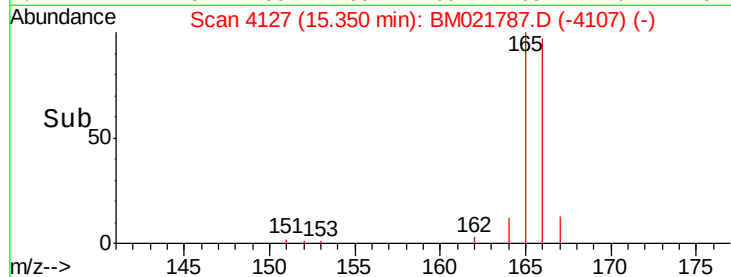
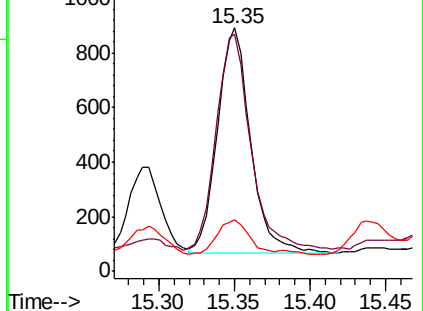
167 21.3 13.7 20.5#



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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.82 min Scan# 4523

Delta R.T. 0.07 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

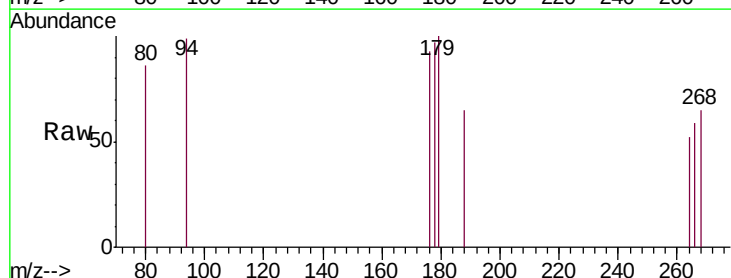
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 250.0 54.2 81.2#

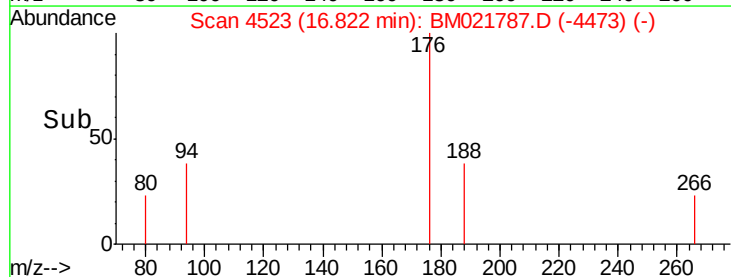
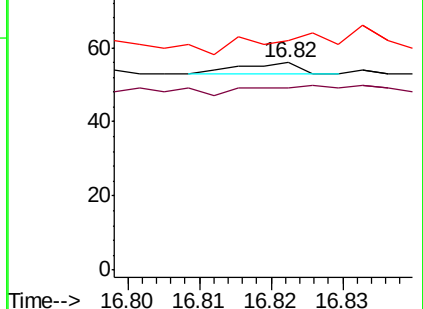
268 0.0 57.6 86.4#

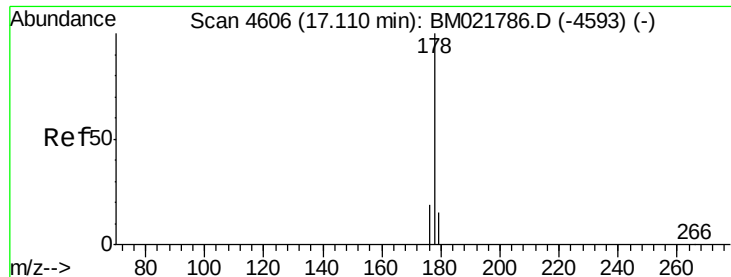


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.008 ng/ul

RT: 17.18 min Scan# 4626

Delta R.T. 0.07 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampleId :

BENR6

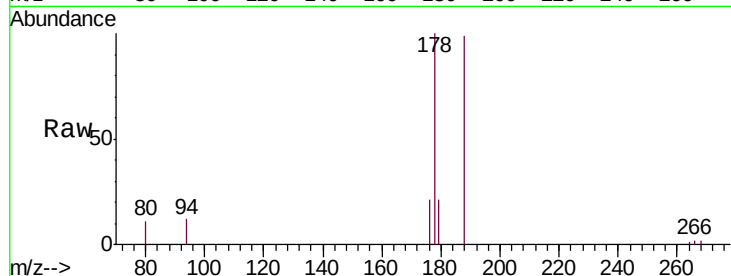
Tgt Ion:178 Resp: 5176

Ion Ratio Lower Upper

178 100

179 20.9 14.2 21.2

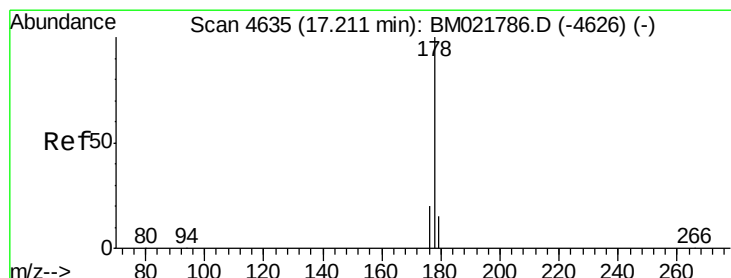
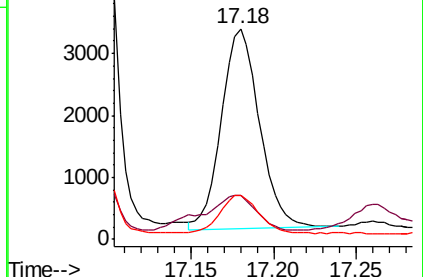
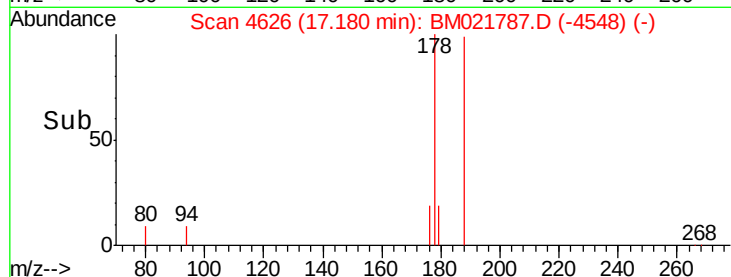
176 20.8 16.8 25.2



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: 0.001 ng/ul

RT: 17.26 min Scan# 4649

Delta R.T. 0.05 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

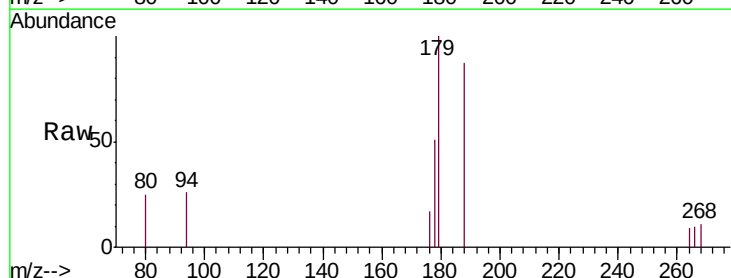
Tgt Ion:178 Resp: 533

Ion Ratio Lower Upper

178 100

179 194.9 15.5 23.3#

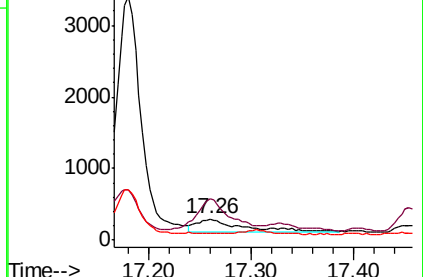
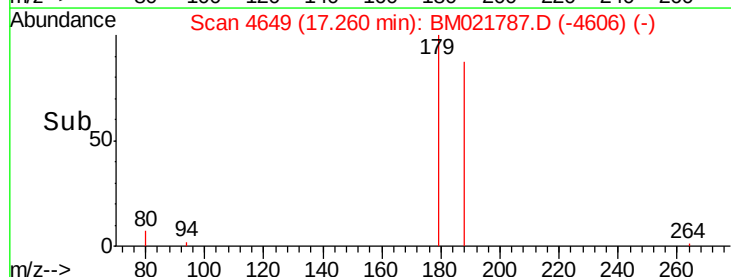
176 32.3 16.6 25.0#

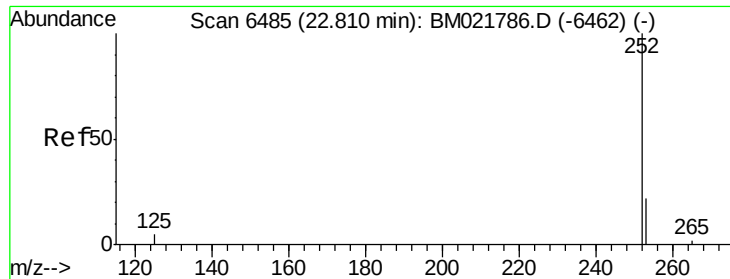


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#21

Benzo(b)fluoranthene

Concen: 0.087 ng/ul

RT: 22.79 min Scan# 6478

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampled :

BENR6

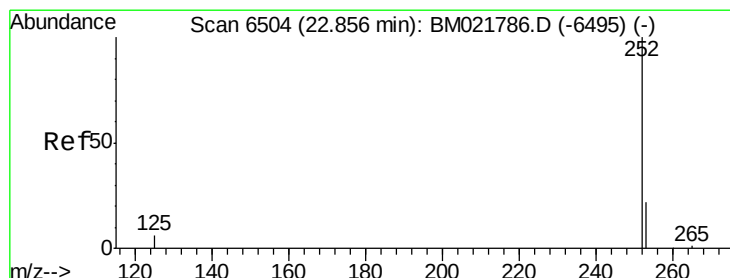
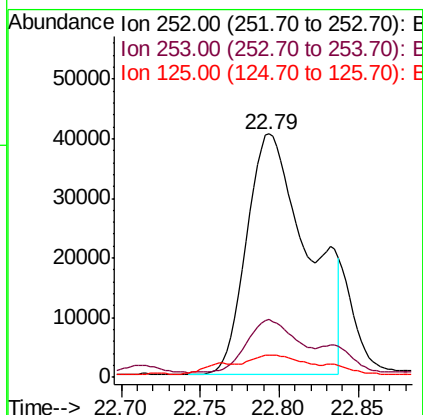
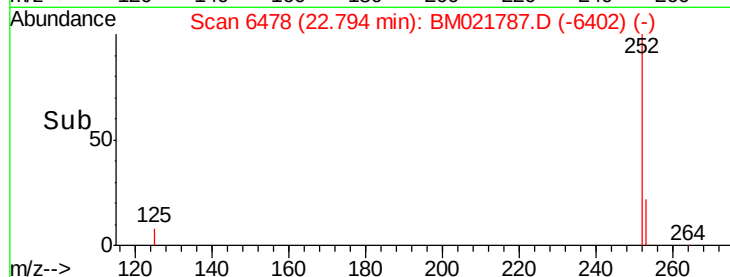
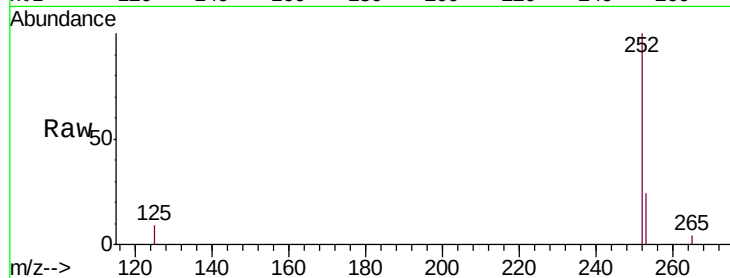
Tgt Ion:252 Resp: 108392

Ion Ratio Lower Upper

252 100

253 23.6 0.0 67.4

125 9.1 0.0 31.0



#22

Benzo(k)fluoranthene

Concen: 0.070 ng/ul

RT: 22.79 min Scan# 6478

Delta R.T. -0.06 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

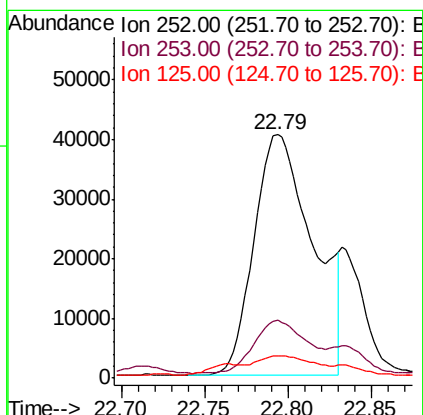
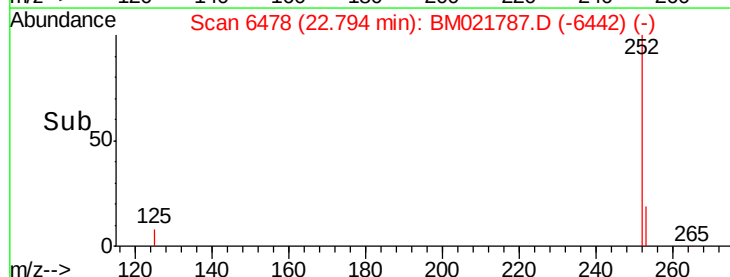
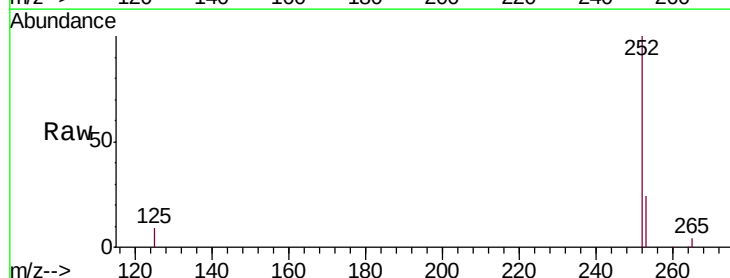
Tgt Ion:252 Resp: 99385

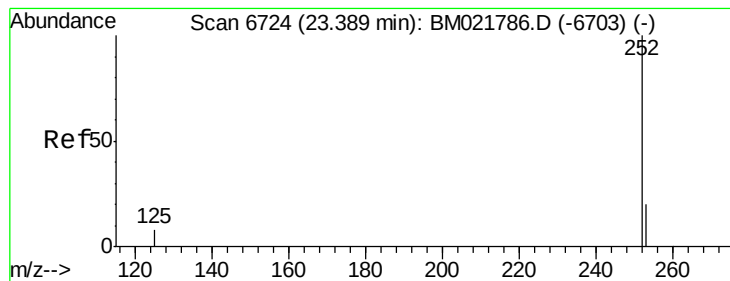
Ion Ratio Lower Upper

252 100

253 23.6 27.0 40.4#

125 9.1 12.2 18.2#





#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.26 min Scan# 6671

Delta R.T. -0.13 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampleId :

BENR6

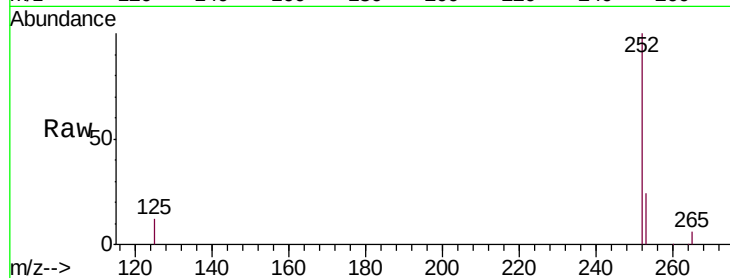
Tgt Ion: 252 Resp: 48334

Ion Ratio Lower Upper

252 100

253 24.1 31.7 47.5#

125 12.3 14.6 21.8#

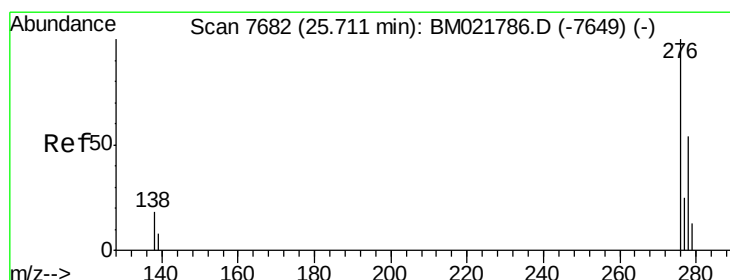
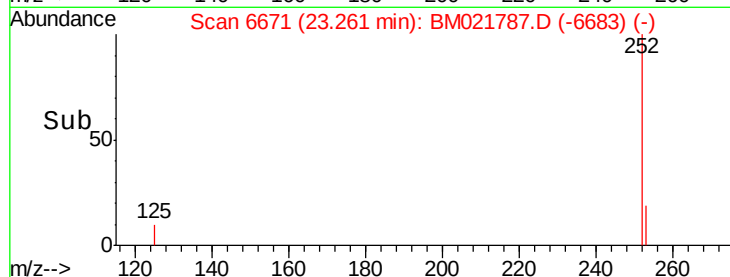
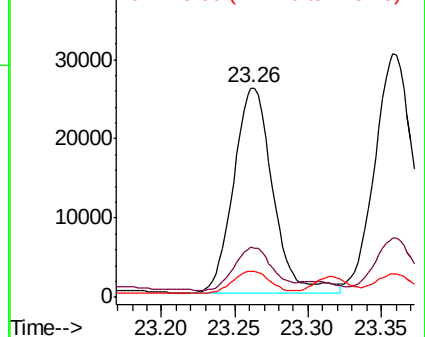


Abundance

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: 0.004 ng/ul

RT: 25.44 min Scan# 7570

Delta R.T. -0.27 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

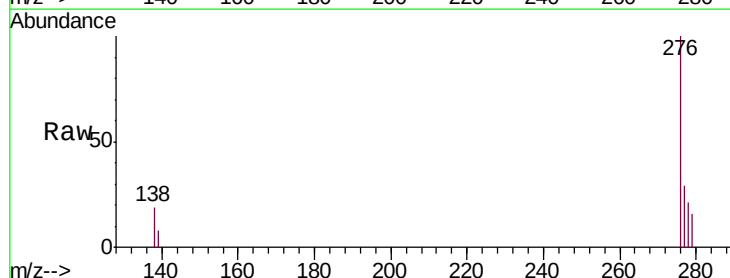
Tgt Ion: 276 Resp: 6404

Ion Ratio Lower Upper

276 100

138 10.9 15.1 22.7#

227 0.0 0.0 0.0

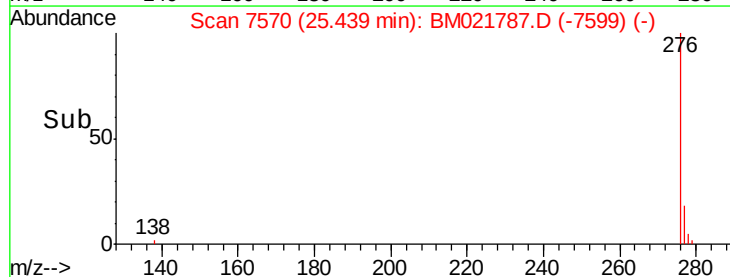
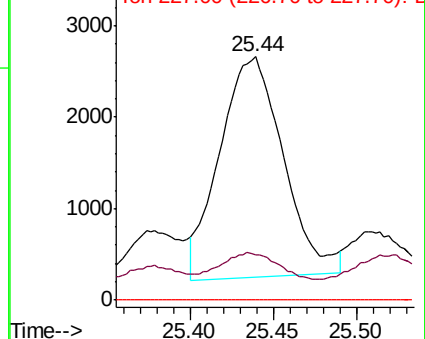


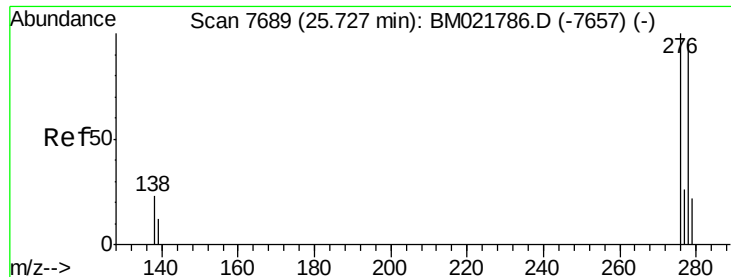
Abundance

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

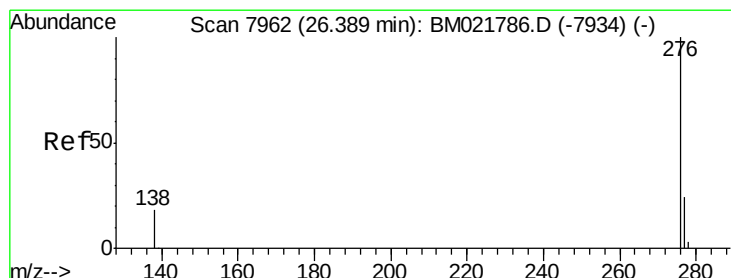
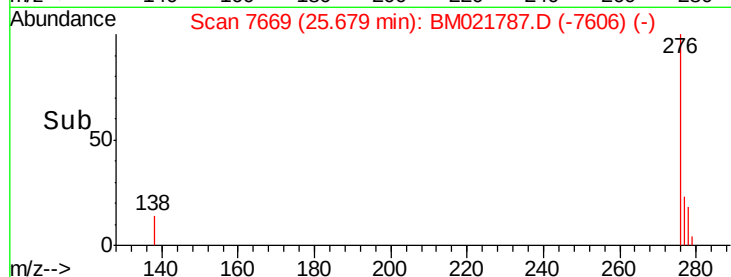
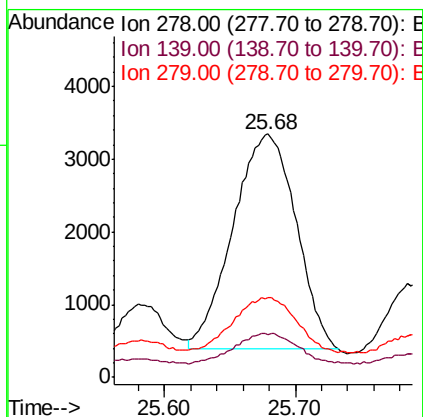
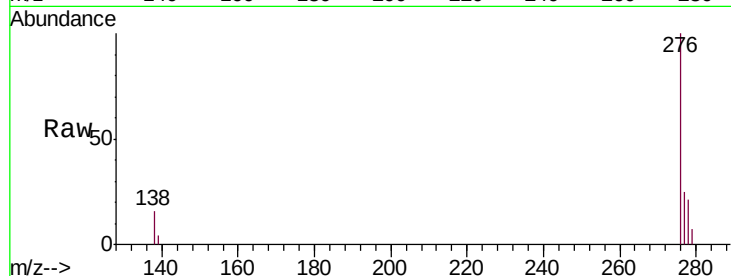




#25
Dibenzo(a,h)anthracene
Concen: 0.008 ng/ul
RT: 25.68 min Scan# 7669
Delta R.T. -0.05 min
Lab File: BM021787.D
Acq: 03 Aug 2019 23:34

Instrument :
BNA_M
ClientSampleId :
BENR6

Tgt Ion: 278 Resp: 9904
Ion Ratio Lower Upper
278 100
139 17.7 14.2 21.2
279 32.7 28.3 42.5



#26
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.03 min
Lab File: BM021787.D
Acq: 03 Aug 2019 23:34

Tgt Ion: 276 Resp: 44364
Ion Ratio Lower Upper
276 100
138 16.6 15.5 23.3
277 24.2 21.4 32.2

