

Data File : BE098100.D
Acq On : 26 Oct 2018 22:11
Operator : SJ/JU
Sample : J5598-13DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

Quant Time: Oct 27 00:37:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1130	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5787	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9760	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13481	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11205	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	371	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1130	0.04	ng/ul	0.00

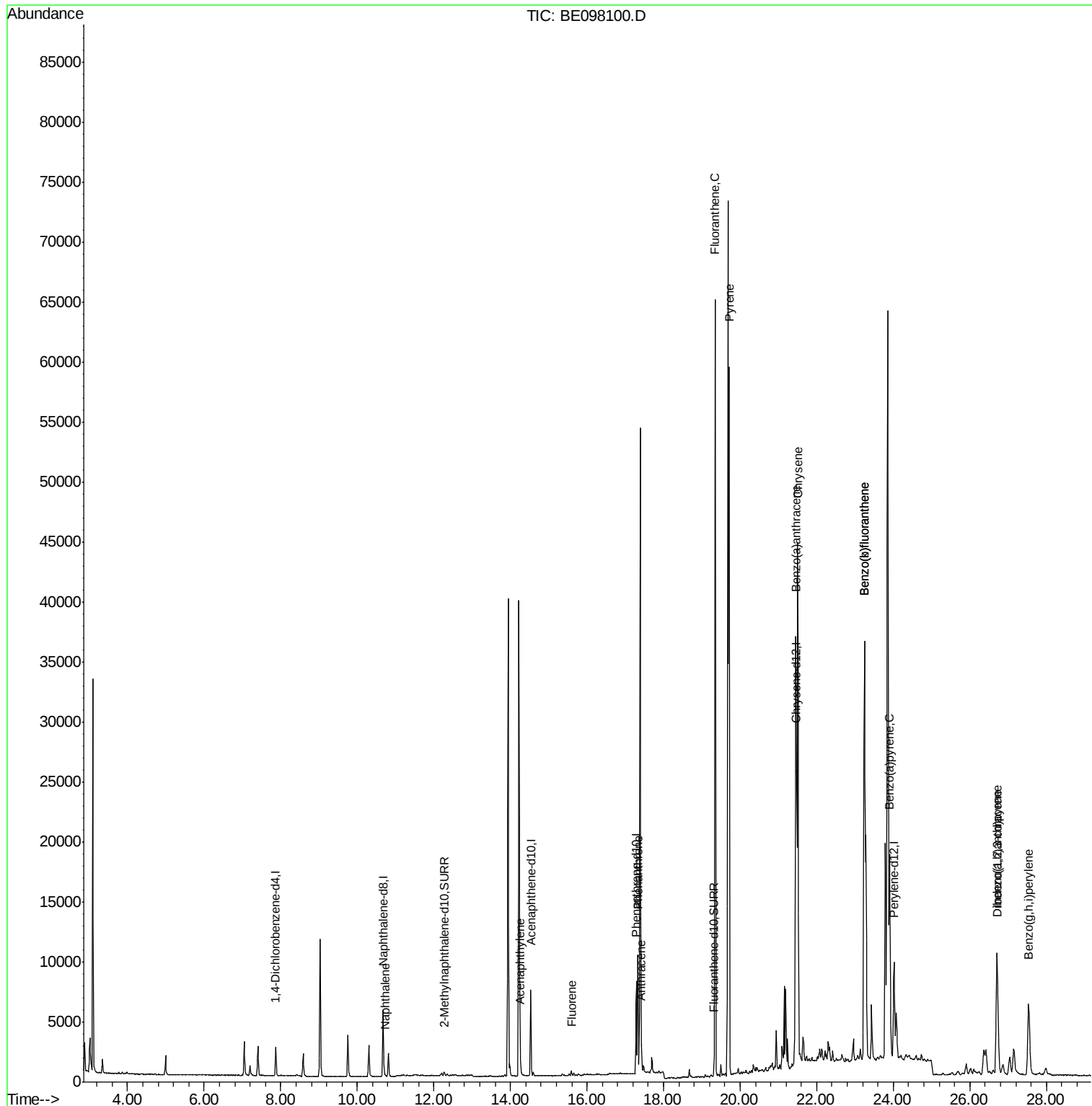
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.72	128	344	0.025	ng/ul#	54
7) Acenaphthylene	14.26	152	2503	0.155	ng/ul	96
9) Fluorene	15.59	166	326	0.022	ng/ul#	92
12) Phenanthrene	17.33	178	10467	0.465	ng/ul	100
13) Anthracene	17.42	178	2277	0.102	ng/ul	95
15) Fluoranthene	19.35	202	75257	2.620	ng/ul	99
17) Pyrene	19.71	202	67409	2.142	ng/ul	98
18) Benzo(a)anthracene	21.45	228	36842	0.929	ng/ul	98
19) Chrysene	21.51	228	47375	1.545	ng/ul	98
21) Benzo(b)fluoranthene	23.25	252	88561	2.853	ng/ul	98
22) Benzo(k)fluoranthene	23.25	252	88561	2.914	ng/ul	98
23) Benzo(a)pyrene	23.91	252	26299	0.881	ng/ul#	98
24) Indeno(1,2,3-cd)pyrene	26.71	276	20817	0.608	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.73	278	5395	0.189	ng/ul#	89
26) Benzo(g,h,i)perylene	27.54	276	15487	0.538	ng/ul	98

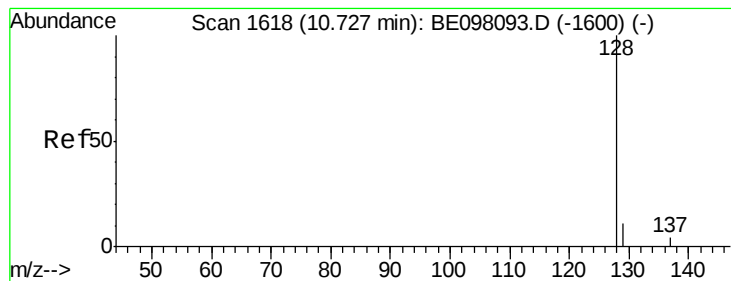
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.72 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

Instrument :

BNA_E

ClientSampleId :

C0AD7DL

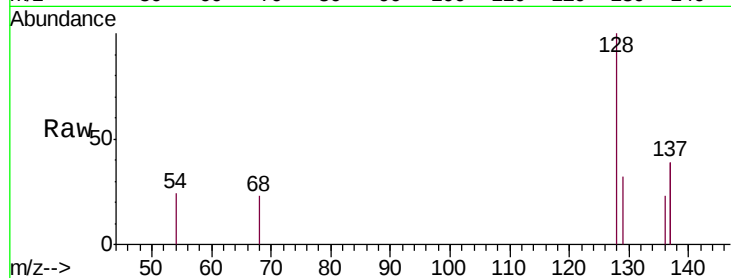
Tgt Ion:128 Resp: 344

Ion Ratio Lower Upper

128 100

129 31.6 10.5 15.7#

127 0.0 0.0 0.0



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

10.72

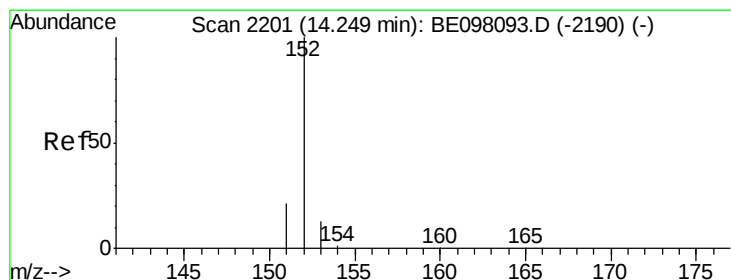
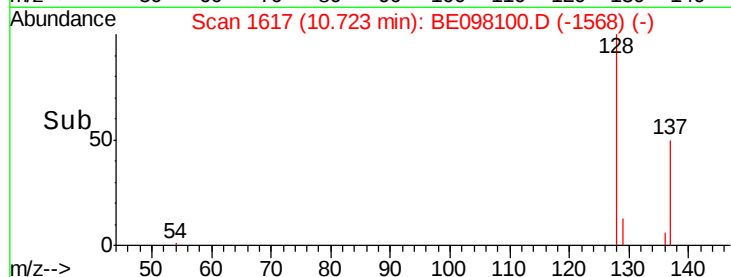
200

100

0

Time-->

10.65 10.70 10.75 10.80



#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

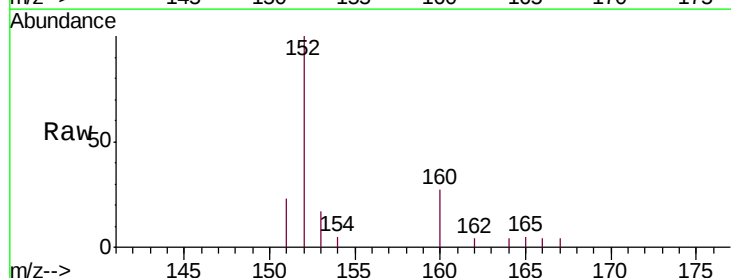
Tgt Ion:152 Resp: 2503

Ion Ratio Lower Upper

152 100

151 23.1 17.3 25.9

153 17.0 11.9 17.9



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

14.26

1500

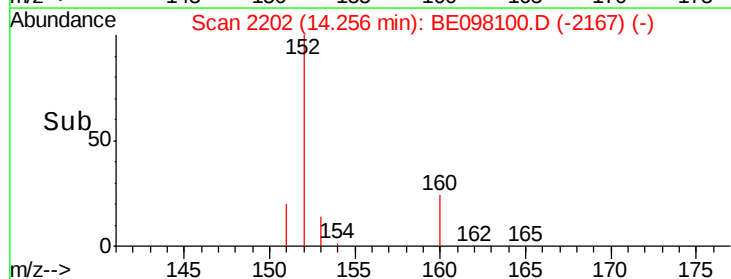
1000

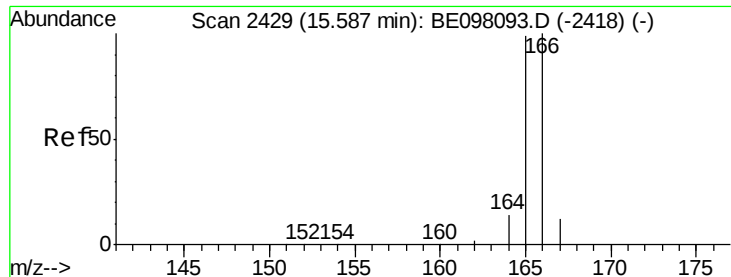
500

0

Time-->

14.20 14.40





#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

Instrument :

BNA_E

ClientSampleId :

C0AD7DL

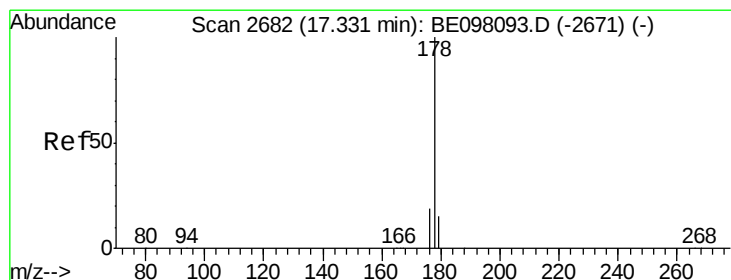
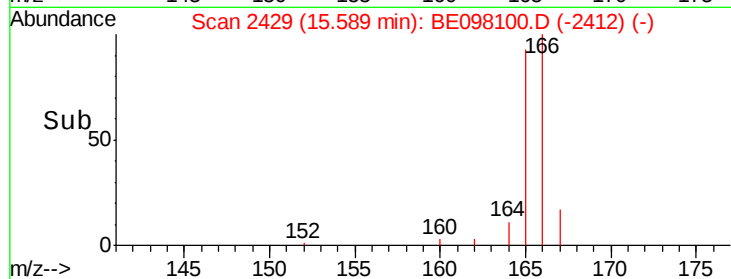
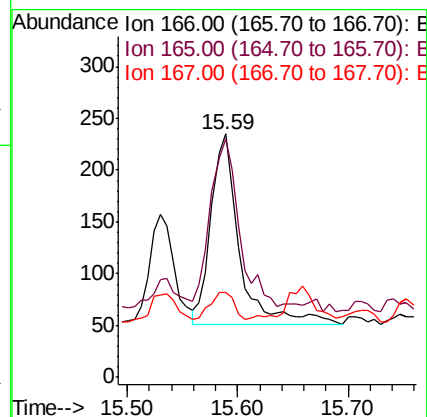
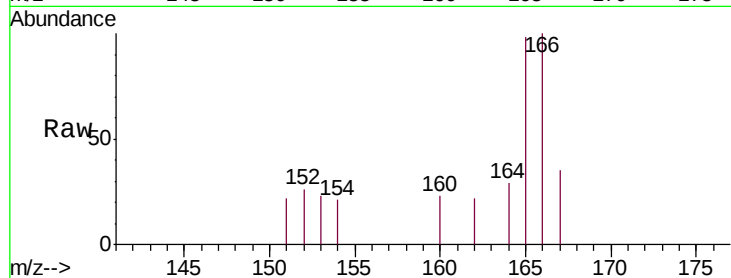
Tgt Ion:166 Resp: 326

Ion Ratio Lower Upper

166 100

165 97.9 80.2 120.4

167 34.9 12.0 18.0#



#12

Phenanthrene

Concen: 0.465 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

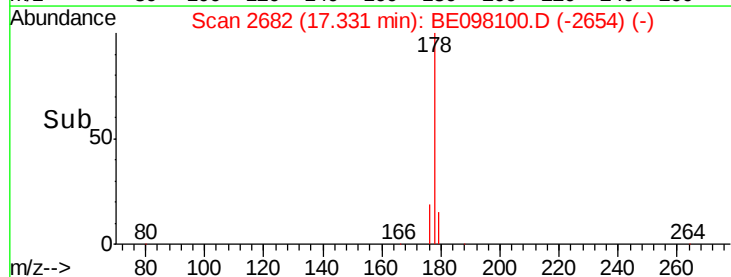
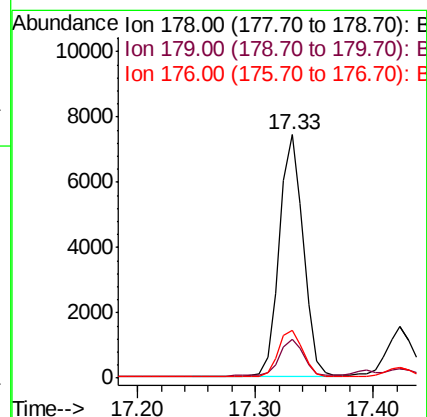
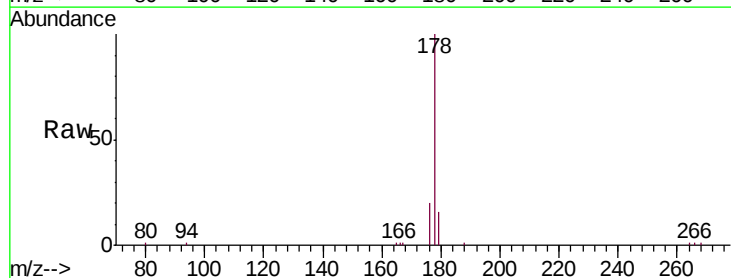
Tgt Ion:178 Resp: 10467

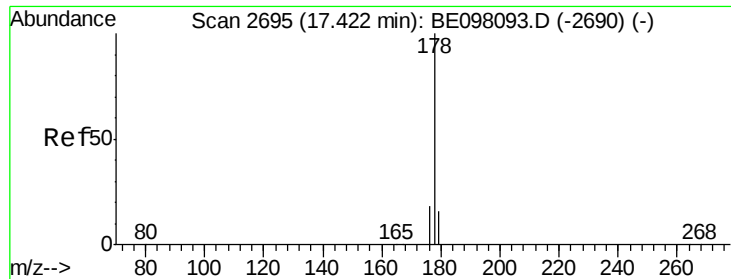
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.4

176 19.6 15.7 23.5





#13

Anthracene

Concen: 0.102 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

Instrument :

BNA_E

ClientSampleId :

C0AD7DL

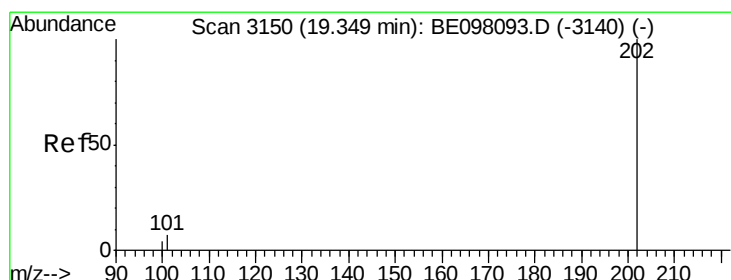
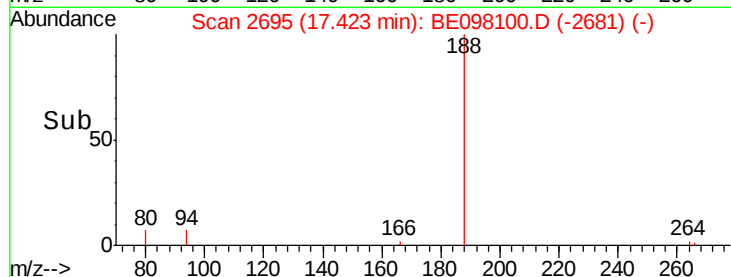
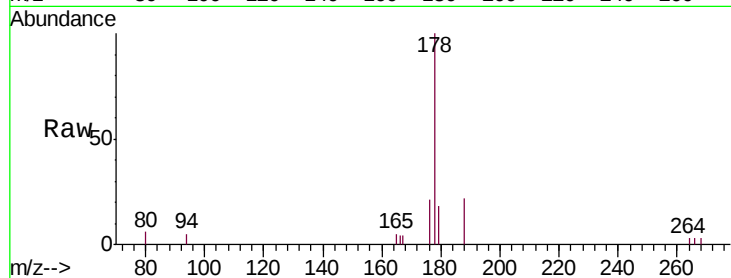
Tgt Ion:178 Resp: 2277

Ion Ratio Lower Upper

178 100

179 18.1 12.6 19.0

176 21.4 15.6 23.4



#15

Fluoranthene

Concen: 2.620 ng/ul

RT: 19.35 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

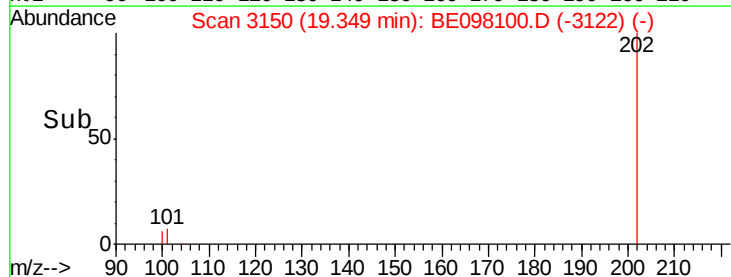
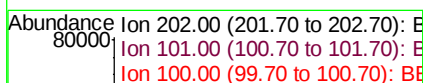
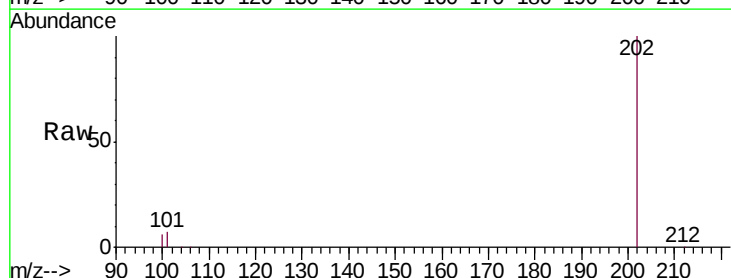
Tgt Ion:202 Resp: 75257

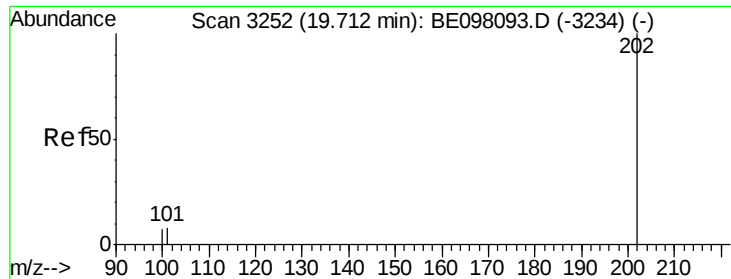
Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.5

100 5.9 0.0 26.0

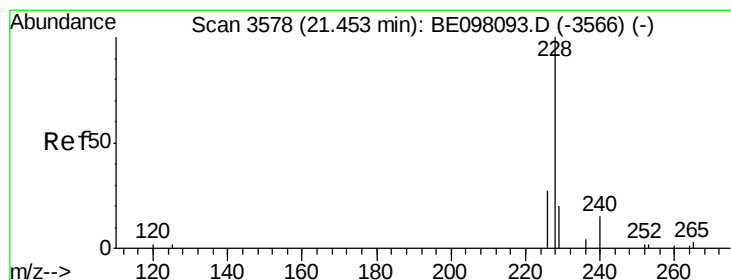
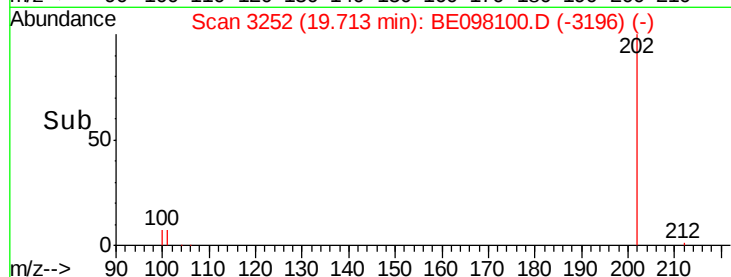
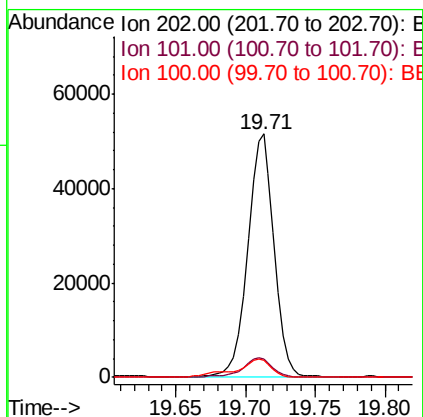
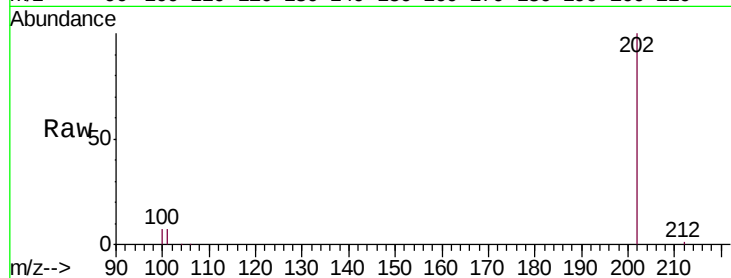




#17
Pyrene
 Concen: 2.142 ng/ul
 RT: 19.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BE098100.D
 Acq: 26 Oct 2018 22:11

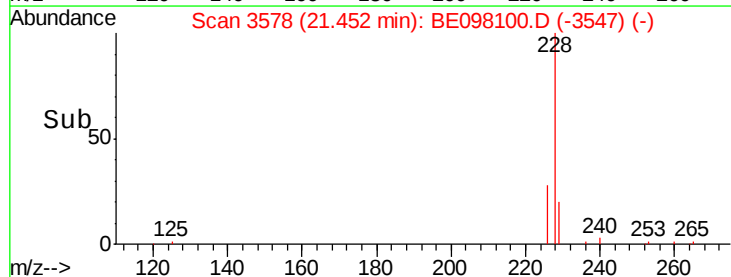
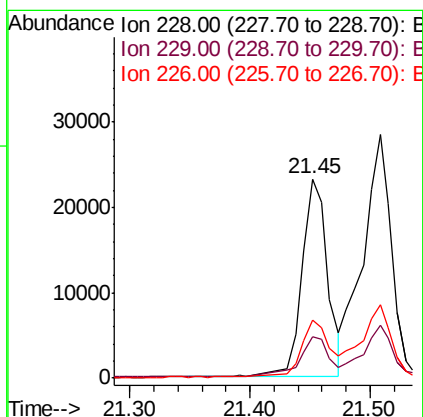
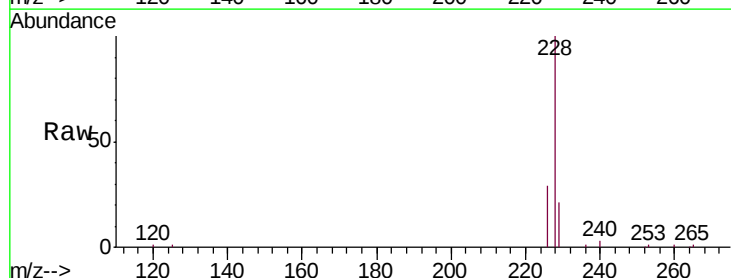
Instrument :
 BNA_E
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 C0AD7DL

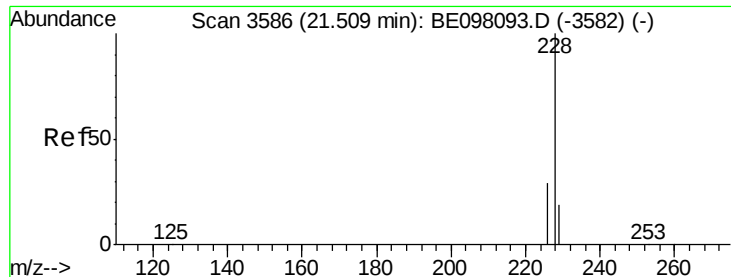
Tgt Ion:202 Resp: 67409
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.9 10.3
 100 7.0 6.0 9.0



#18
Benzo(a)anthracene
 Concen: 0.929 ng/ul
 RT: 21.45 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: BE098100.D
 Acq: 26 Oct 2018 22:11

Tgt Ion:228 Resp: 36842
 Ion Ratio Lower Upper
 228 100
 229 20.8 16.1 24.1
 226 29.0 22.2 33.4





#19

Chrysene

Concen: 1.545 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

Instrument :

BNA_E

ClientSampleId :

C0AD7DL

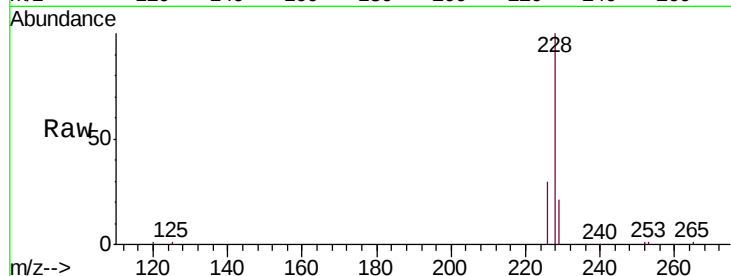
Tgt Ion:228 Resp: 47375

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

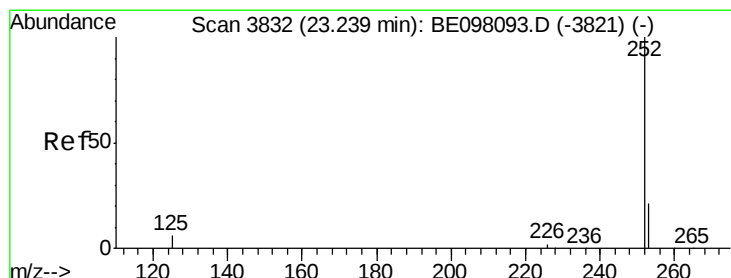
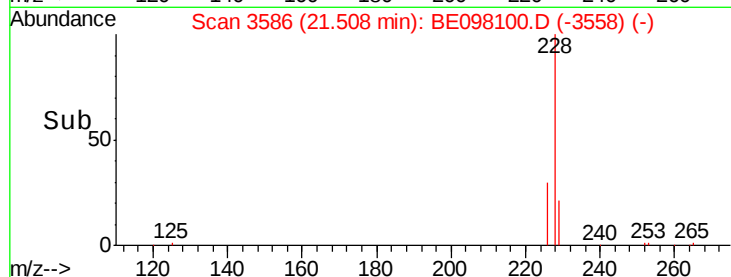
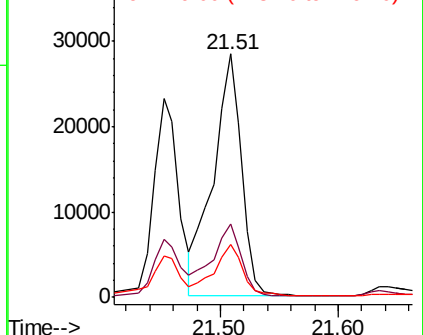
229 21.5 16.4 24.6



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



#21

Benzo(b)fluoranthene

Concen: 2.853 ng/ul

RT: 23.25 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

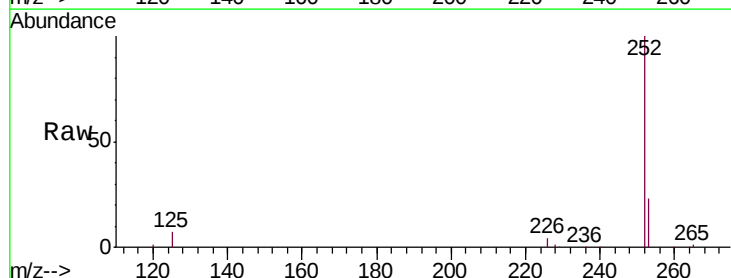
Tgt Ion:252 Resp: 88561

Ion Ratio Lower Upper

252 100

253 23.0 0.0 47.8

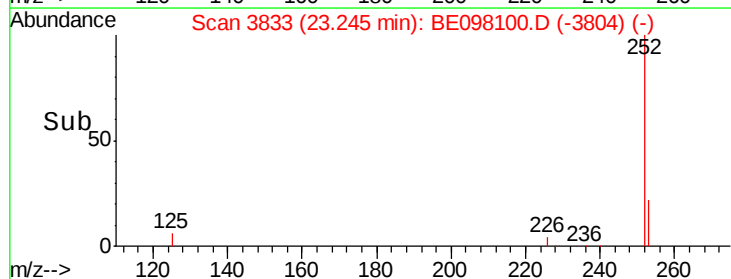
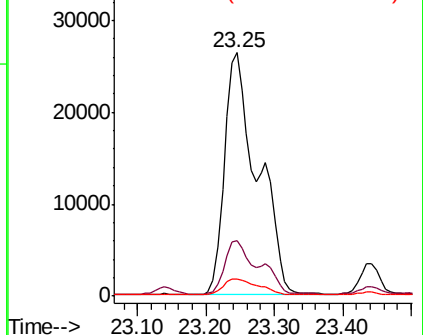
125 7.0 0.0 16.8

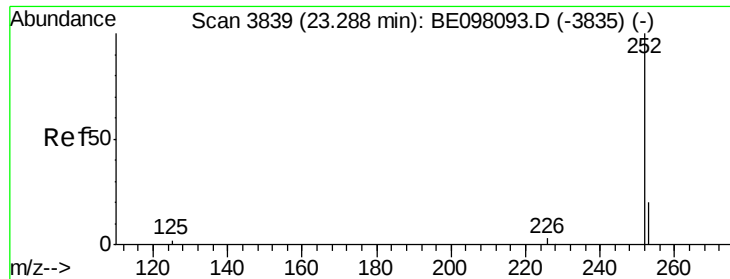


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.914 ng/ul

RT: 23.25 min Scan# 3833

Delta R.T. -0.04 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

Instrument :

BNA_E

ClientSampleId :

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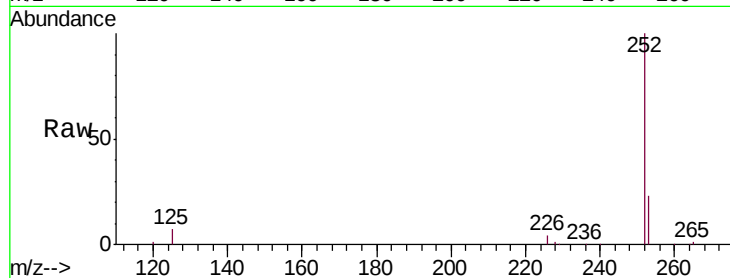
Tgt Ion:252 Resp: 88561

Ion Ratio Lower Upper

252 100

253 23.0 19.3 28.9

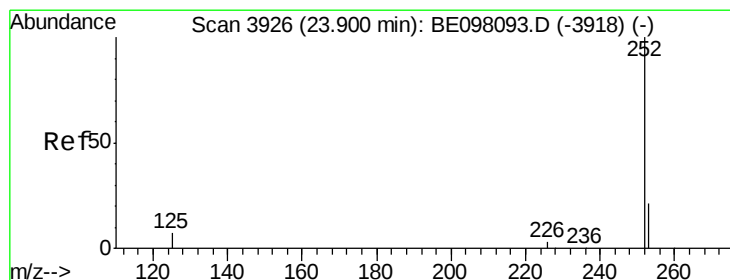
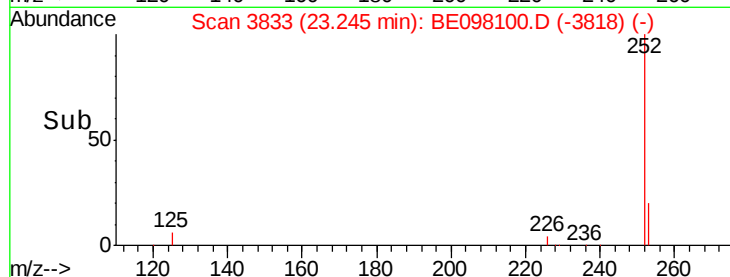
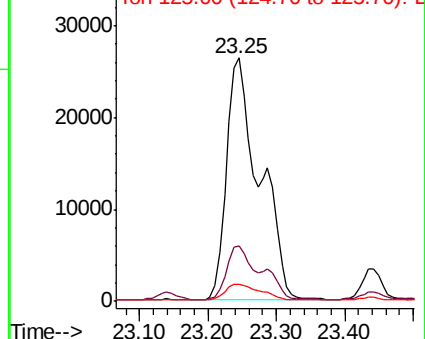
125 7.0 6.2 9.2



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: 0.881 ng/ul

RT: 23.91 min Scan# 3927

Delta R.T. 0.01 min

Lab File: BE098100.D

Acq: 26 Oct 2018 22:11

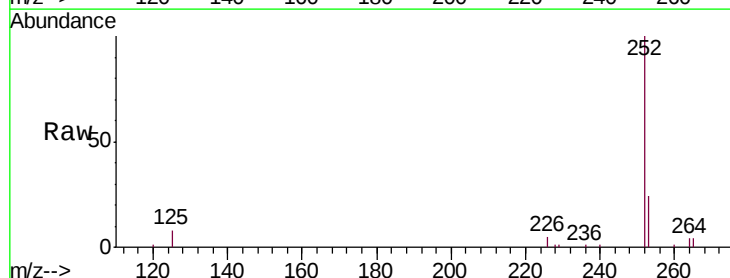
Tgt Ion:252 Resp: 26299

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

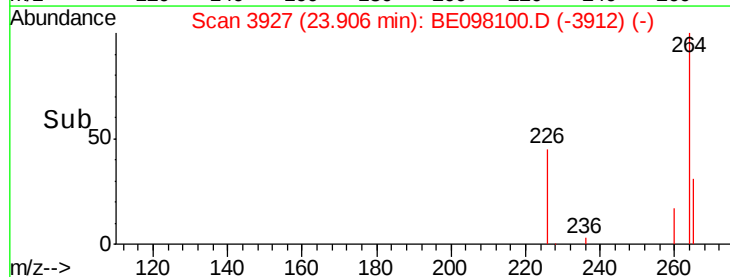
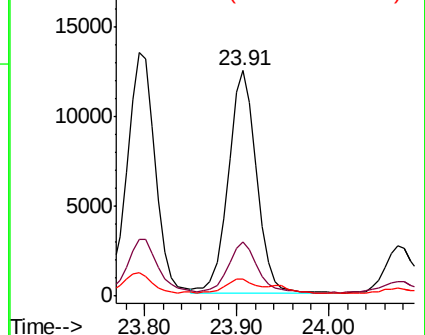
125 7.5 7.8 11.8#

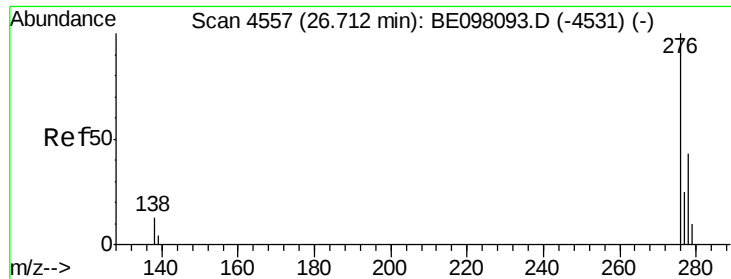


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



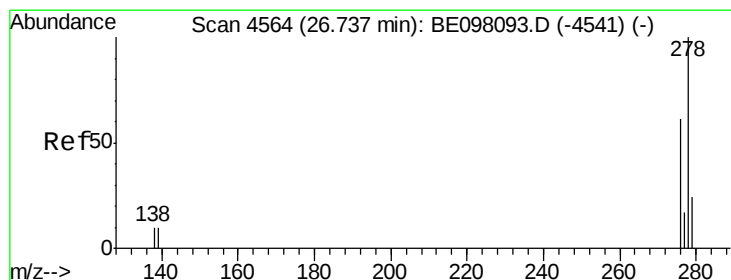
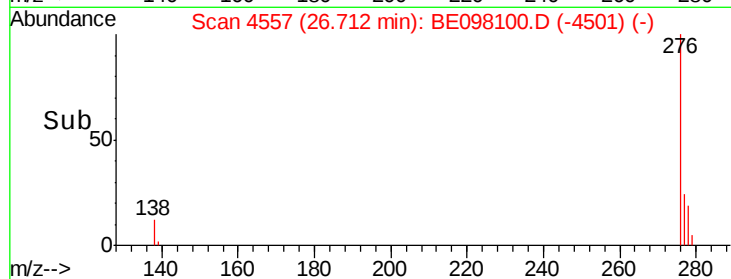
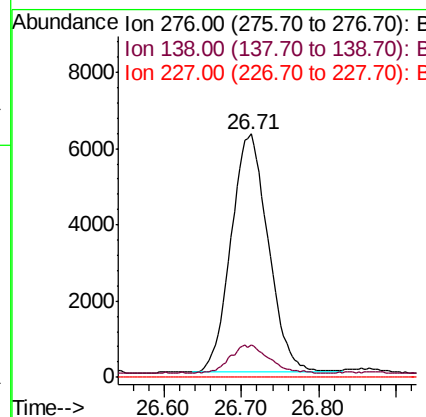
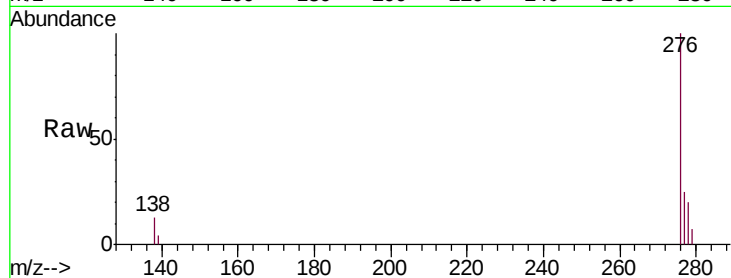


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.608 ng/u1
RT: 26.71 min Scan# 4557
Delta R.T. 0.00 min
Lab File: BE098100.D
Acq: 26 Oct 2018 22:11

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

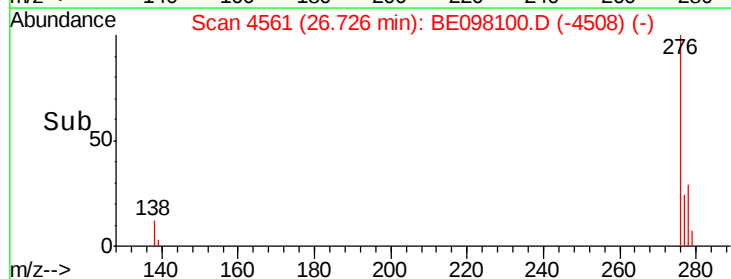
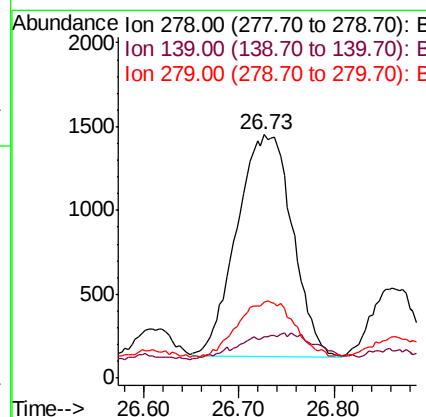
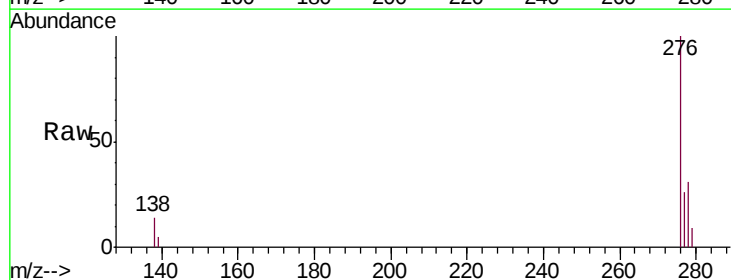
Tgt Ion:276 Resp: 20817
Ion Ratio Lower Upper
276 100
138 12.6 11.8 17.8
227 0.0 0.0 0.0

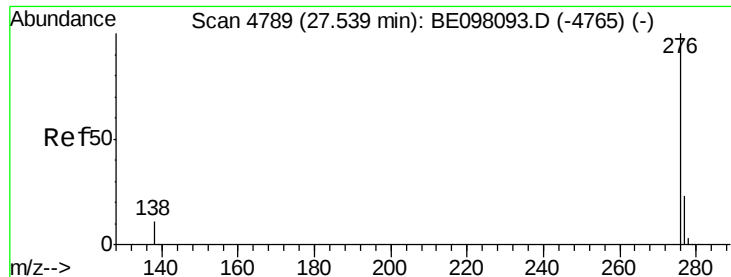


#25

Dibenzo(a,h)anthracene
Concen: 0.189 ng/u1
RT: 26.73 min Scan# 4561
Delta R.T. -0.01 min
Lab File: BE098100.D
Acq: 26 Oct 2018 22:11

Tgt Ion:278 Resp: 5395
Ion Ratio Lower Upper
278 100
139 17.0 10.0 15.0#
279 31.0 20.3 30.5#





#26

Benzo(g,h,i)perylene

Concen: 0.538 ng/ul

RT: 27.54 min Scan# 4788

Delta R.T. -0.00 min

Lab File: BE098100.D

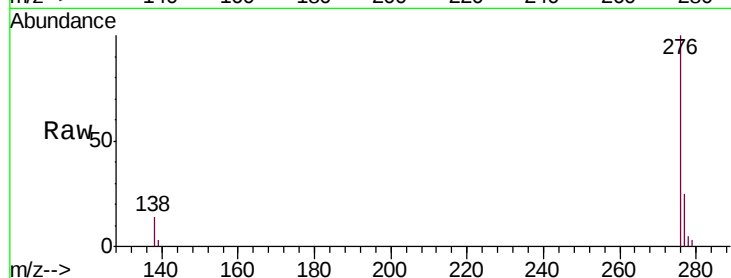
Acq: 26 Oct 2018 22:11

Instrument :

BNA_E

ClientSampleId :

C0AD7DL



Tgt Ion: 276 Resp: 15487

Ion Ratio Lower Upper

276 100

138 14.4 11.6 17.4

277 24.5 20.8 31.2

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

