

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020918\
 Data File : BE095628.D
 Acq On : 10 Feb 2018 3:35
 Operator : SJ/JU
 Sample : J1339-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 12 00:19:35 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 10 02:59:57 2018
 Response via : Initial Calibration

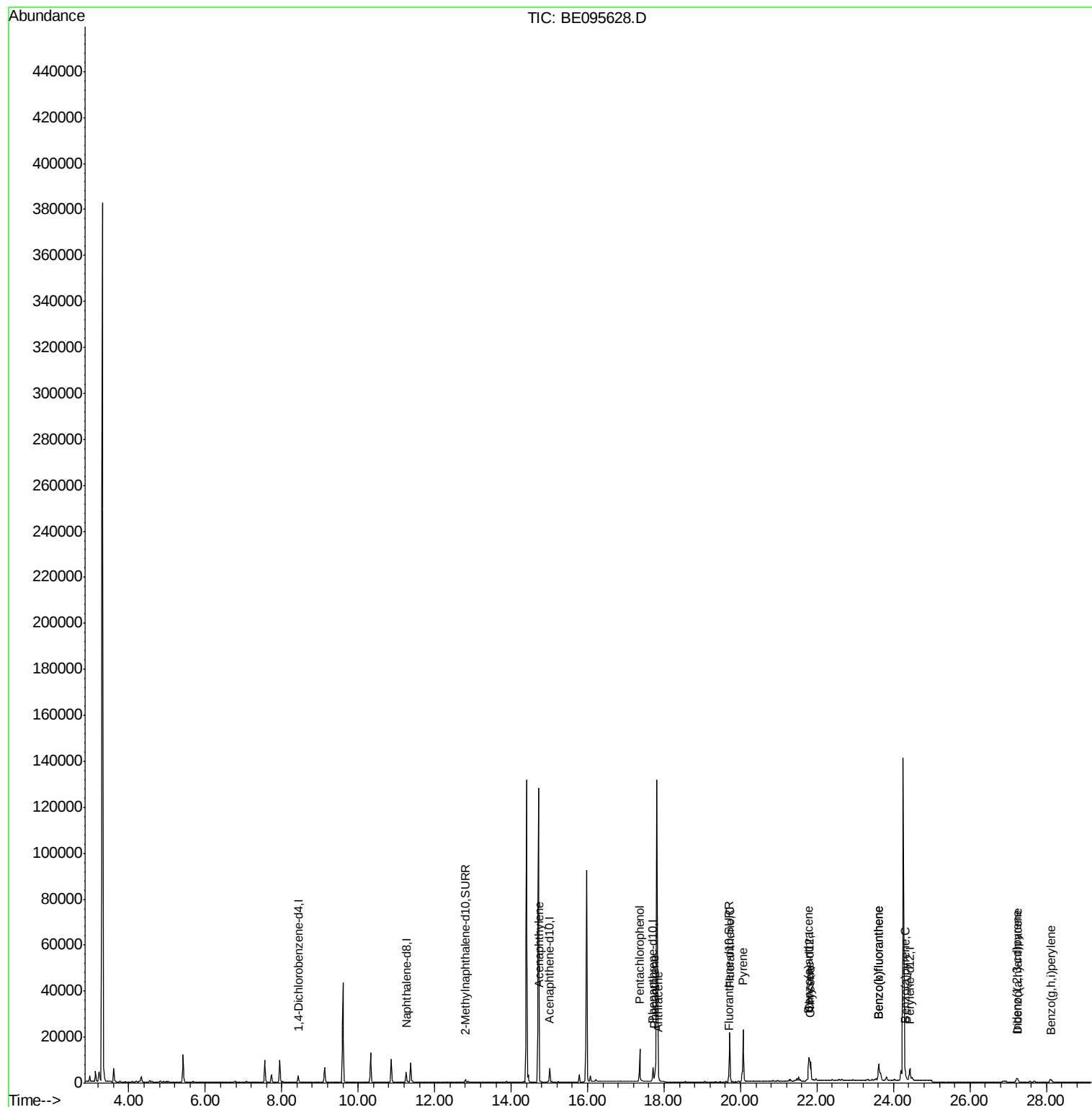
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1834	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5408	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3393	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8257	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7564	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7902	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1111	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3113	0.10	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	600	0.037	ng/ul#	74
11) Pentachlorophenol	17.36	266	9233	5.773	ng/ul	98
12) Phenanthrene	17.75	178	4350	0.157	ng/ul	93
13) Anthracene	17.84	178	1939	0.076	ng/ul	98
15) Fluoranthene	19.72	202	24486	0.681	ng/ul	83
17) Pyrene	20.07	202	27502	1.084	ng/ul#	77
18) Benzo(a)anthracene	21.78	228	12116	0.512	ng/ul#	85
19) Chrysene	21.83	228	9456	0.385	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	17668	0.634	ng/ul	87
22) Benzo(k)fluoranthene	23.62	252	17694	0.694	ng/ul#	89
23) Benzo(a)pyrene	24.31	252	5837	0.234	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.22	276	3567	0.131	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.25	278	861	0.039	ng/ul#	60
26) Benzo(g,h,i)perylene	28.11	276	3041	0.132	ng/ul	96

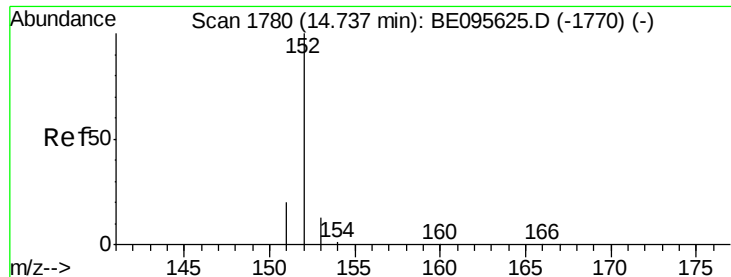
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095628.D

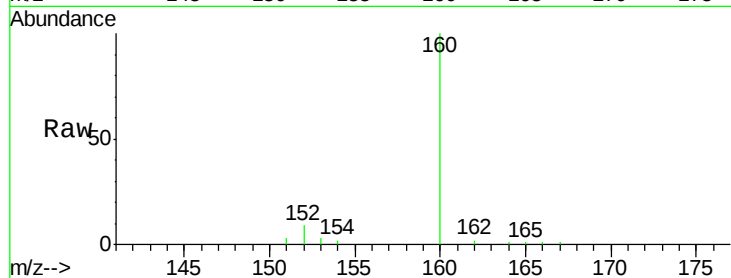
Acq: 10 Feb 2018 3:35

Instrument :

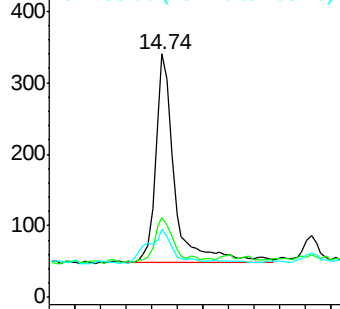
BNA_E

ClientSampleId :

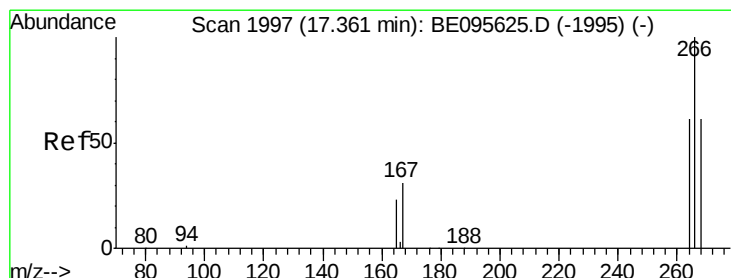
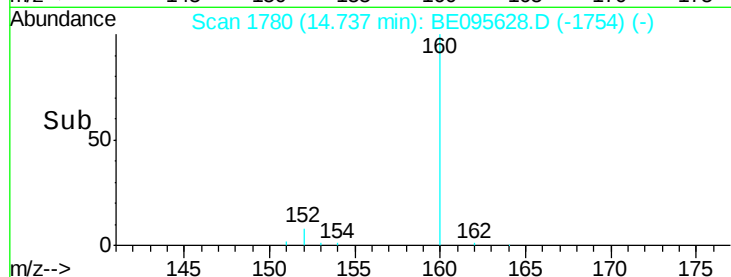
Tot Ion:	152	Resp:	600
Ion	Ratio	Lower	Upper
152	100		
151	32.9	17.1	25.7#
153	27.9	12.8	19.2#



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



Time-->



#11

Pentachlorophenol

Concen: 5.773 ng/ul

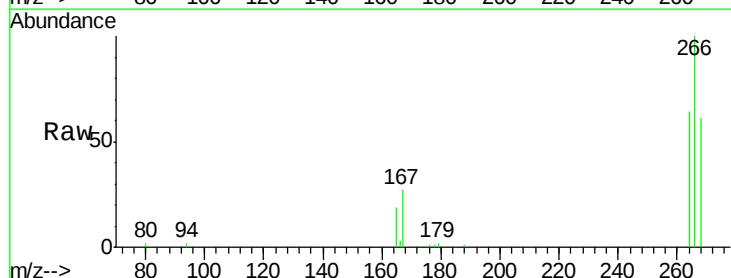
RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

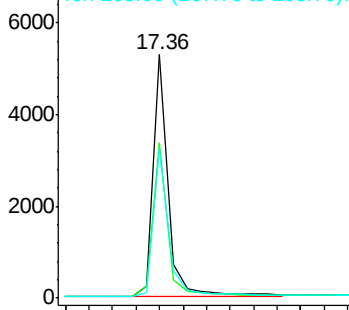
Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

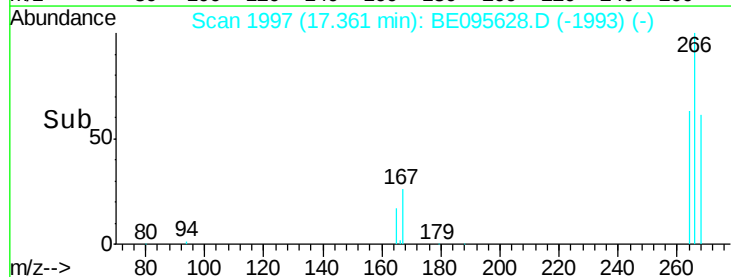
Tgt Ion:	266	Resp:	9233
Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.9	71.9
268	62.4	49.8	74.8

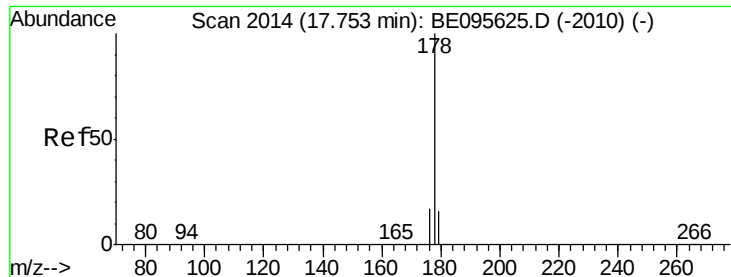


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.157 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

Instrument :

BNA_E

ClientSampleId :

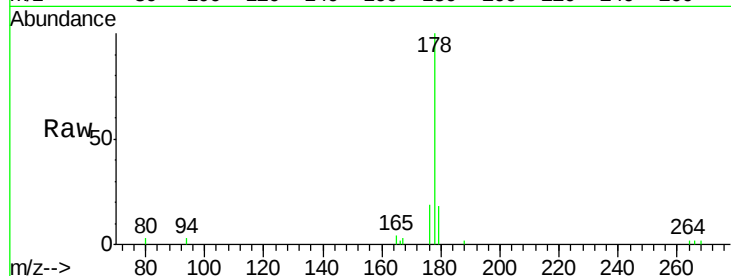
Tot Ion:178 Resp: 4350

Ion Ratio Lower Upper

178 100

179 18.4 18.4 27.6

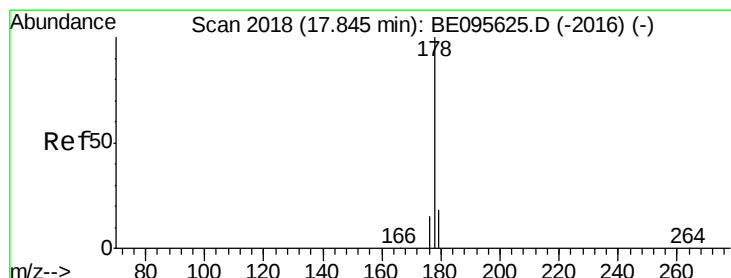
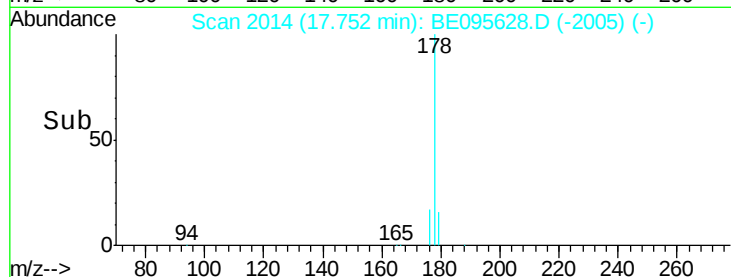
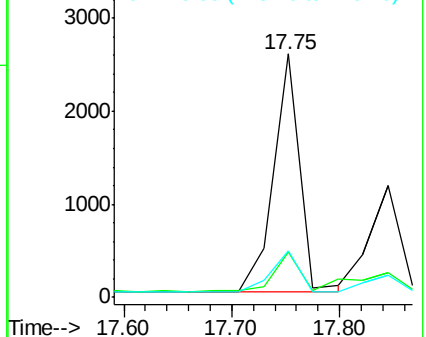
176 18.9 13.6 20.4



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: 0.076 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

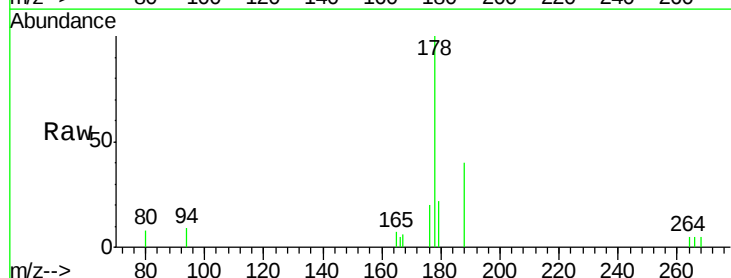
Tgt Ion:178 Resp: 1939

Ion Ratio Lower Upper

178 100

179 22.2 18.1 27.1

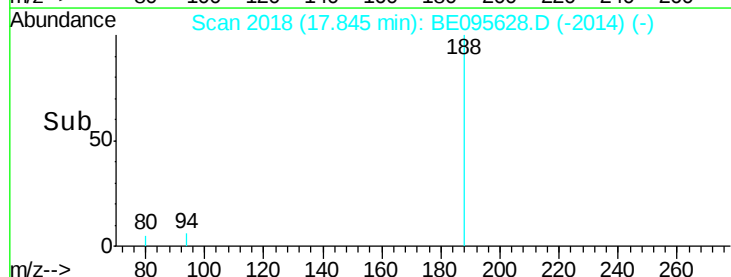
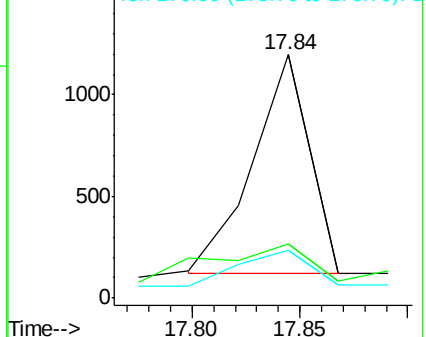
176 19.7 14.7 22.1

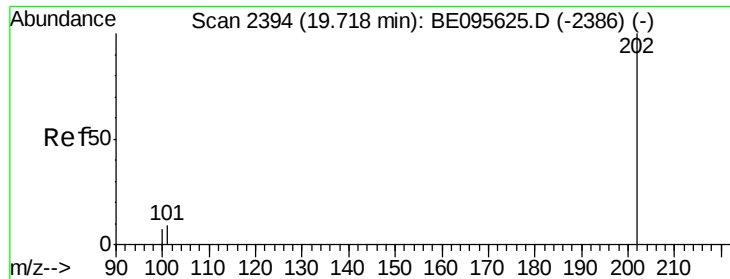


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.681 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

Instrument :

BNA_E

ClientSampleId :

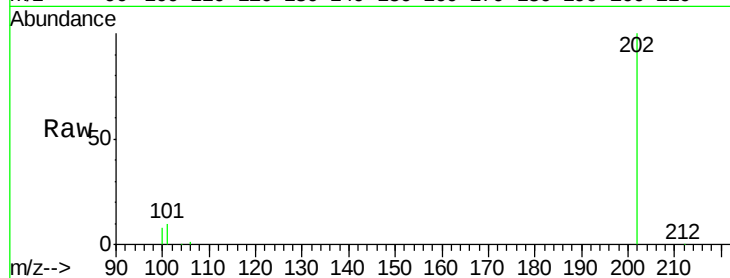
Tot Ion:202 Resp: 24486

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

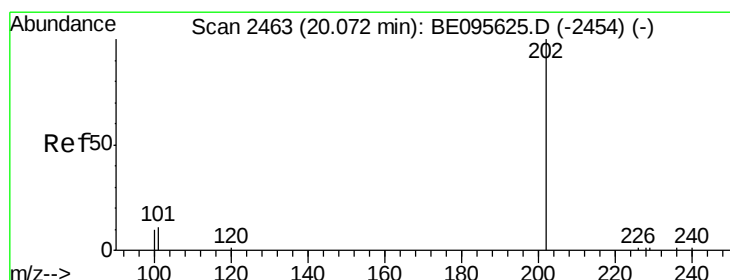
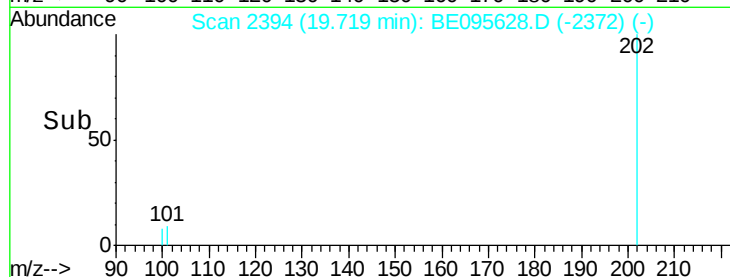
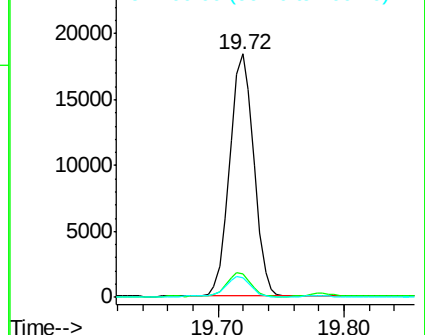
100 8.0 0.0 39.5



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): BE



#17

Pyrene

Concen: 1.084 ng/ul

RT: 20.07 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

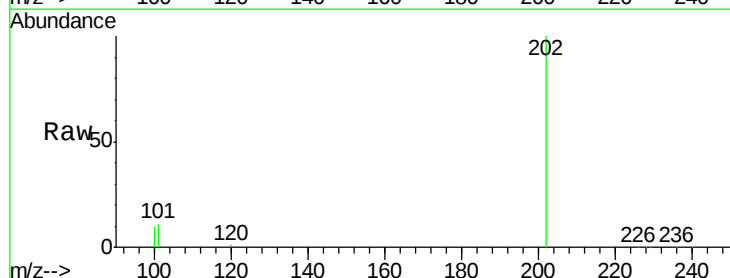
Tgt Ion:202 Resp: 27502

Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

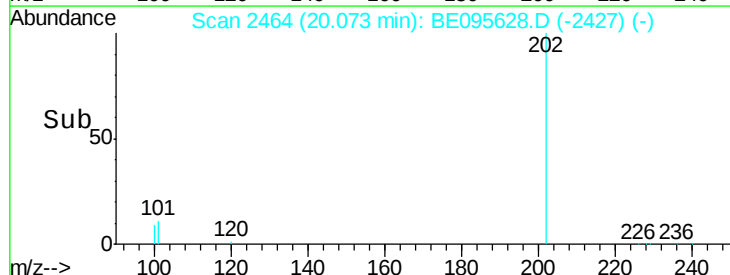
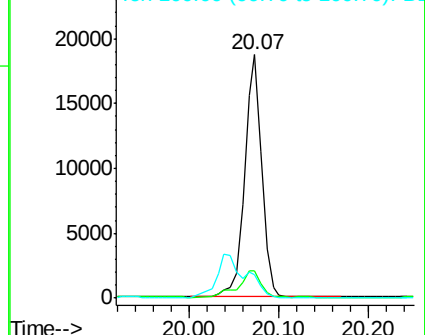
100 9.6 15.6 23.4#

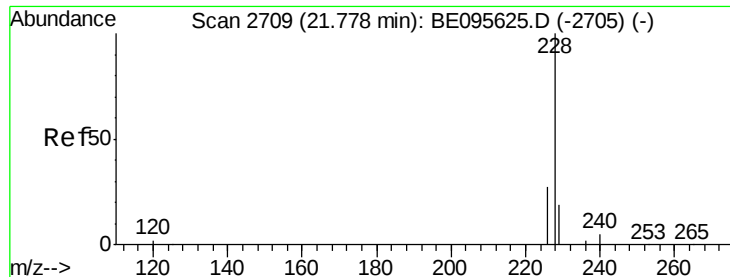


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.512 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

Instrument :

BNA_E

ClientSampleId :

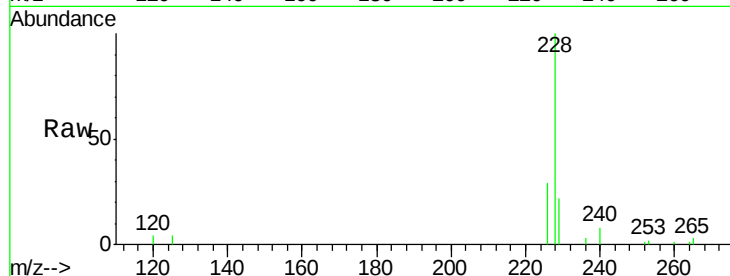
Tot Ion:228 Resp: 12116

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

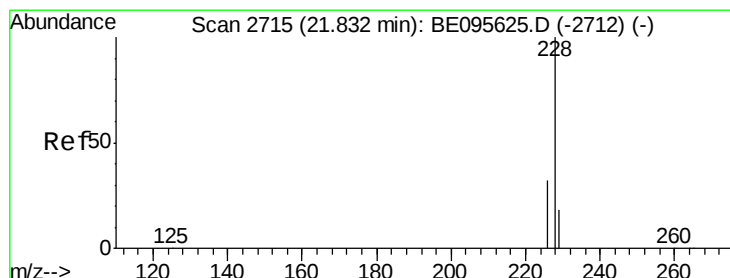
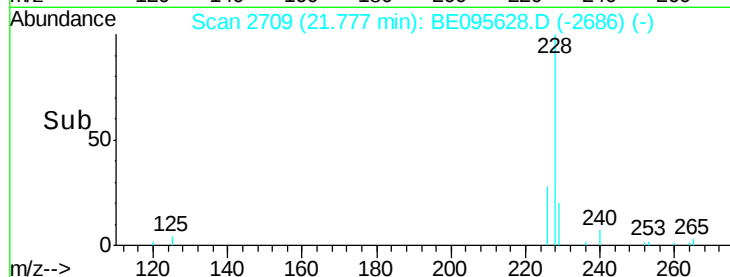
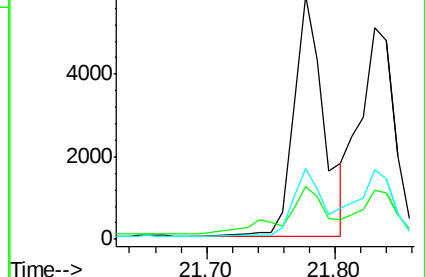
226 29.3 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.385 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

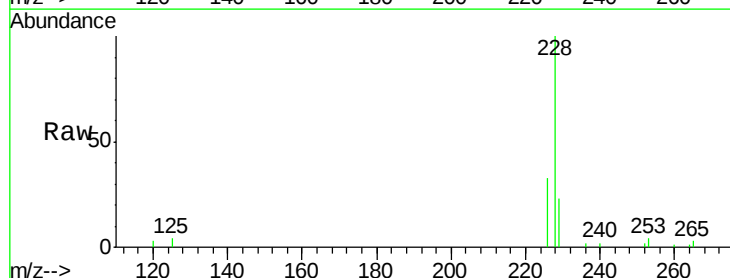
Tgt Ion:228 Resp: 9456

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

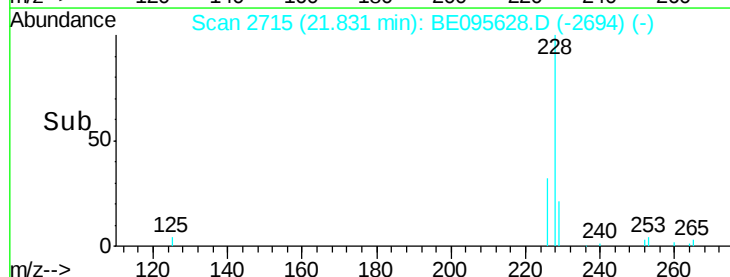
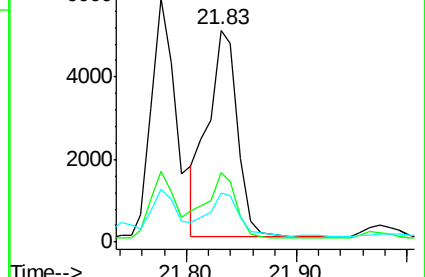
229 23.0 17.7 26.5

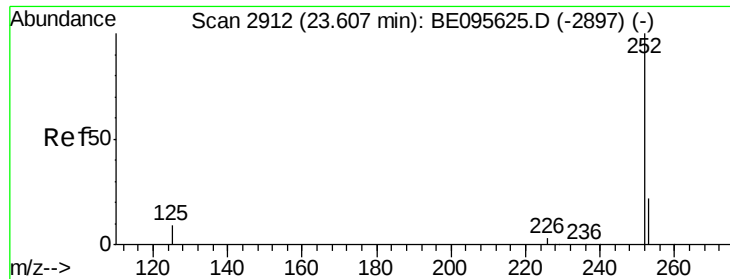


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.634 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

Instrument :

BNA_E

ClientSampleId :

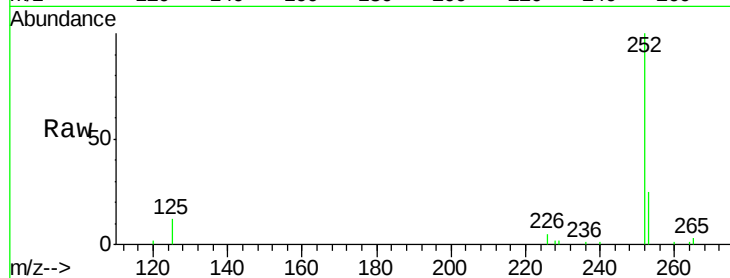
Tot Ion:252 Resp: 17668

Ion Ratio Lower Upper

252 100

253 24.6 0.0 64.2

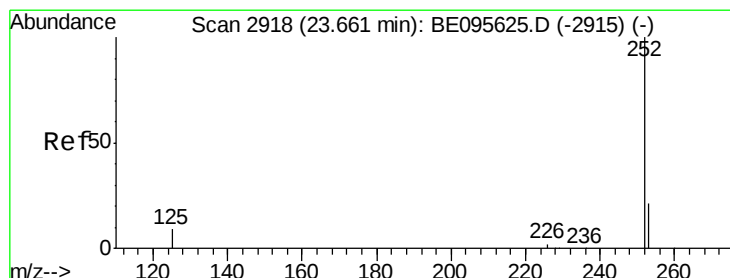
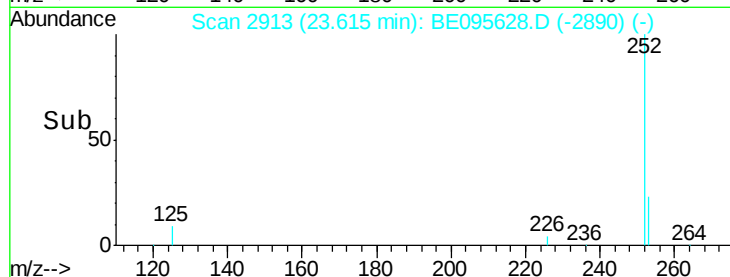
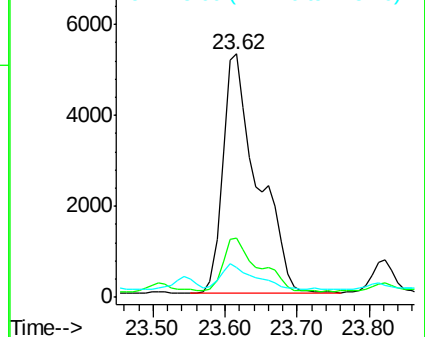
125 12.3 0.0 35.0



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: 0.694 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

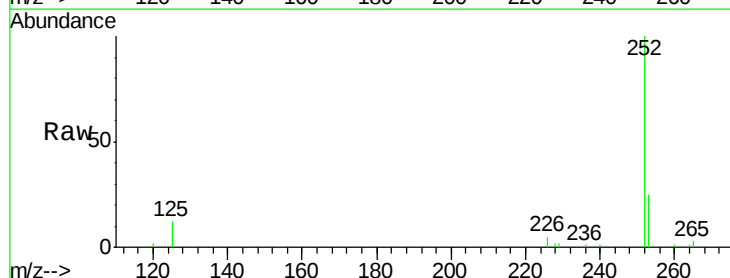
Tgt Ion:252 Resp: 17694

Ion Ratio Lower Upper

252 100

253 24.6 24.5 36.7

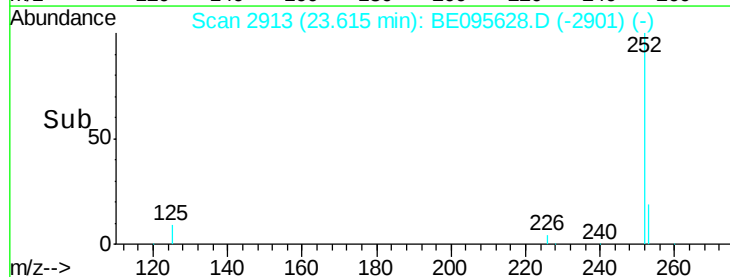
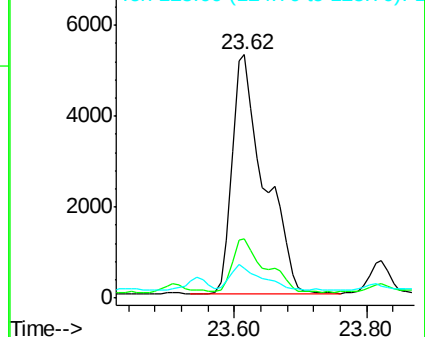
125 12.3 13.7 20.5#

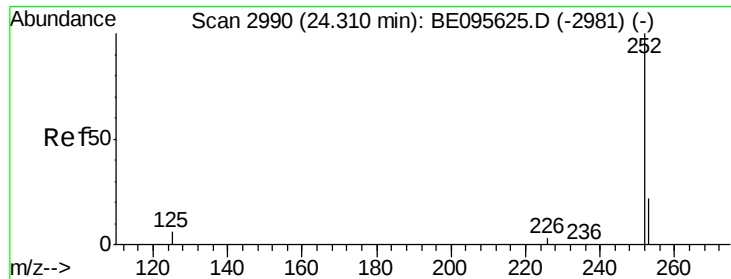


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.234 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

Instrument :

BNA_E

ClientSampleId :

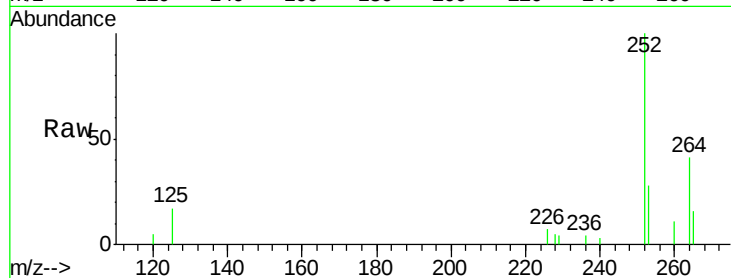
Tot Ion:252 Resp: 5837

Ion Ratio Lower Upper

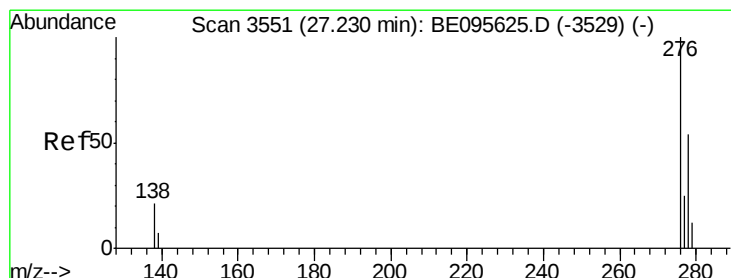
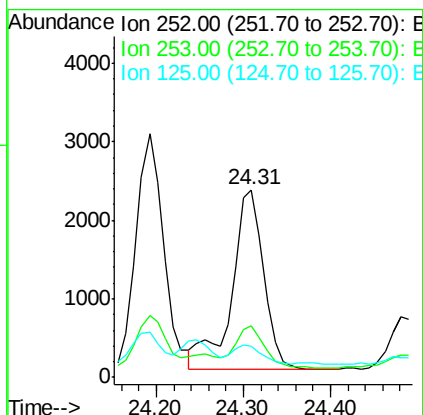
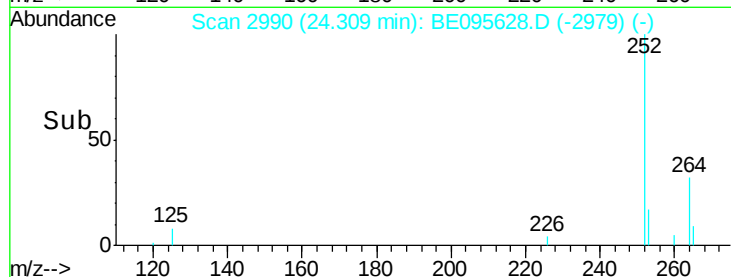
252 100

253 27.5 28.5 42.7#

125 16.7 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: 0.131 ng/ul

RT: 27.22 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BE095628.D

Acq: 10 Feb 2018 3:35

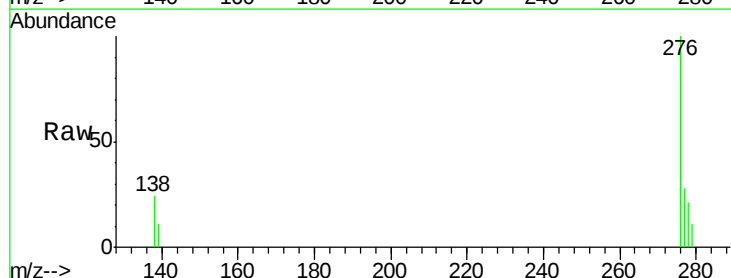
Tgt Ion:276 Resp: 3567

Ion Ratio Lower Upper

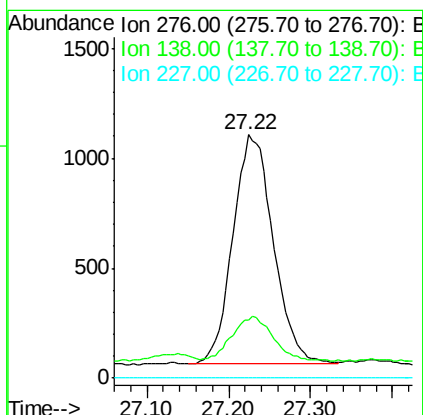
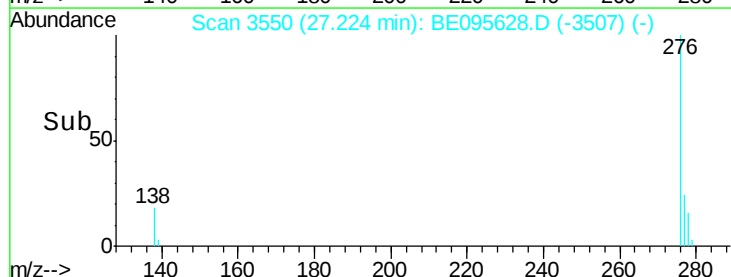
276 100

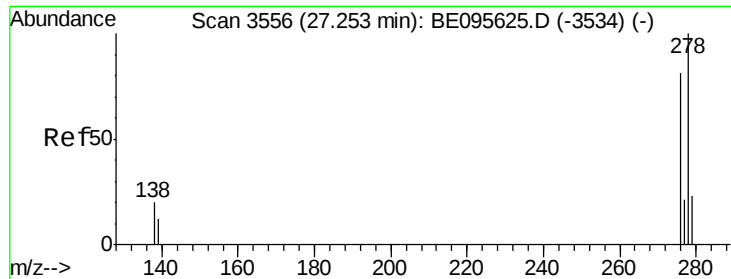
138 19.5 28.0 42.0#

227 0.0 8.0 12.0#



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

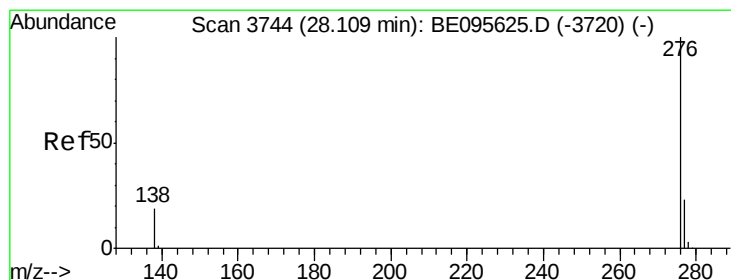
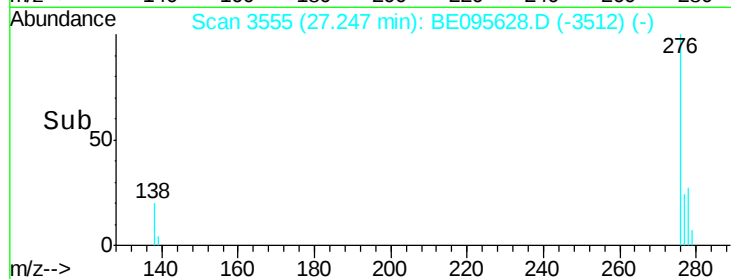
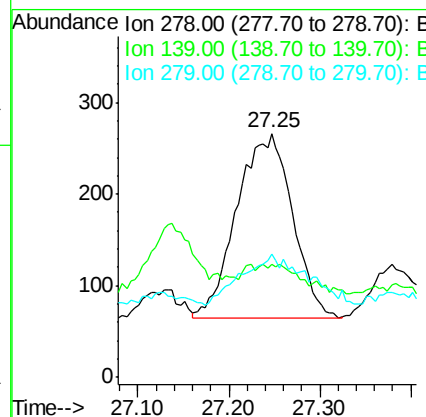
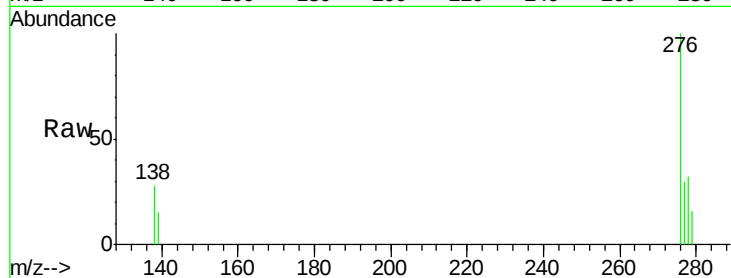




#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/u1
RT: 27.25 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BE095628.D
Acq: 10 Feb 2018 3:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 861
Ion Ratio Lower Upper
278 100
139 46.2 17.4 26.0#
279 50.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.132 ng/u1
RT: 28.11 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BE095628.D
Acq: 10 Feb 2018 3:35

Tgt Ion:276 Resp: 3041
Ion Ratio Lower Upper
276 100
138 28.0 21.8 32.8
277 28.7 20.5 30.7

