

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095455.D
 Acq On : 4 Feb 2018 1:45
 Operator : SJ/JU
 Sample : J1314-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 05 04:53:26 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 04:46:10 2018
 Response via : Initial Calibration

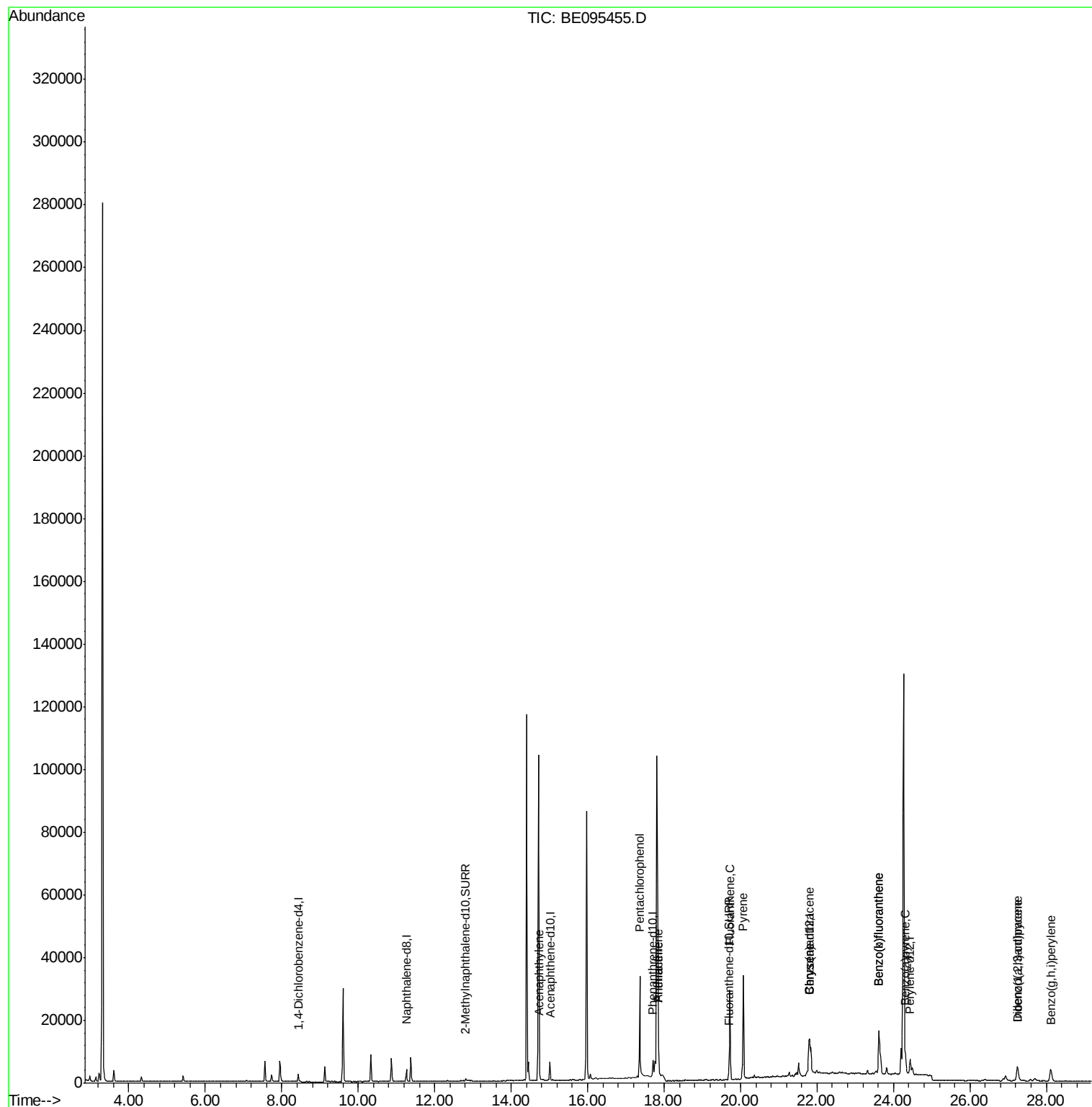
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1808	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5436	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7625	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	7705	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8019	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	880	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3038	0.10	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	1552	0.094	ng/ul#	69
11) Pentachlorophenol	17.36	266	21559	14.598	ng/ul	98
12) Phenanthrene	17.85	178	10593	0.413	ng/ul	94
13) Anthracene	17.85	178	10854	0.462	ng/ul	96
15) Fluoranthene	19.72	202	31995	0.964	ng/ul	82
17) Pyrene	20.07	202	37061	1.433	ng/ul#	80
18) Benzo(a)anthracene	21.78	228	12830	0.533	ng/ul#	88
19) Chrysene	21.78	228	12830	0.513	ng/ul	93
21) Benzo(b)fluoranthene	23.62	252	32996	1.166	ng/ul	89
22) Benzo(k)fluoranthene	23.62	252	32996	1.275	ng/ul#	91
23) Benzo(a)pyrene	24.31	252	7098	0.281	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	27.24	276	9391	0.339	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.24	278	2074	0.092	ng/ul#	74
26) Benzo(g,h,i)perylene	28.11	276	9975	0.425	ng/ul	97

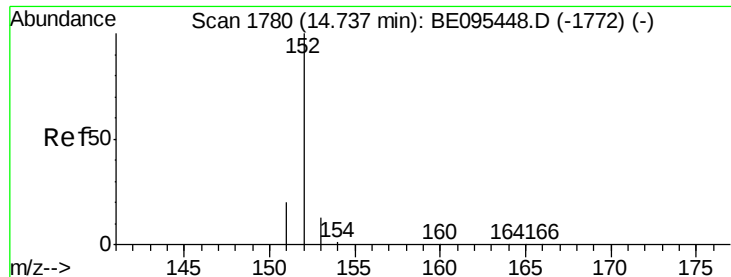
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

Instrument :

BNA_E

ClientSampleId :

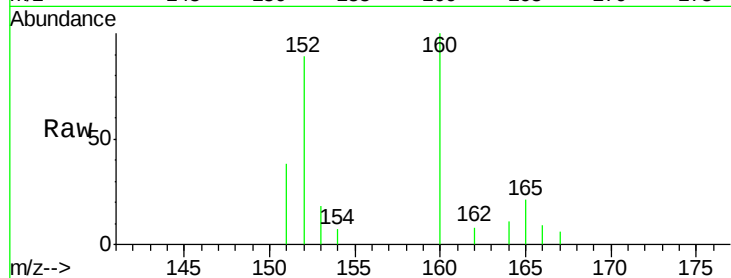
Tot Ion:152 Resp: 1552

Ion Ratio Lower Upper

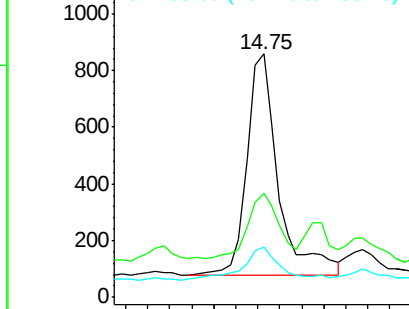
152 100

151 42.7 17.1 25.7#

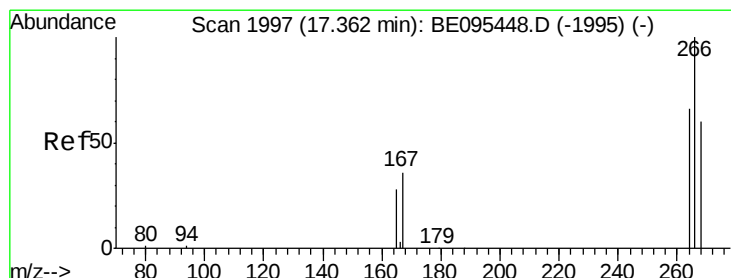
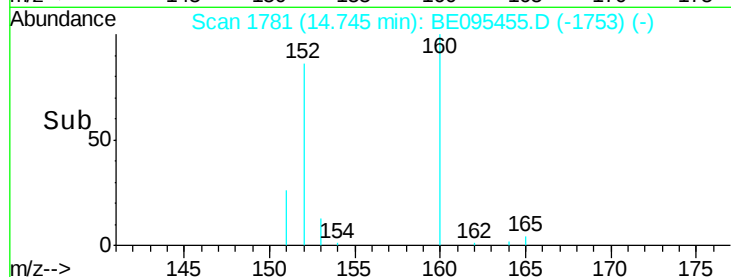
153 20.6 12.8 19.2#



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: 14.598 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

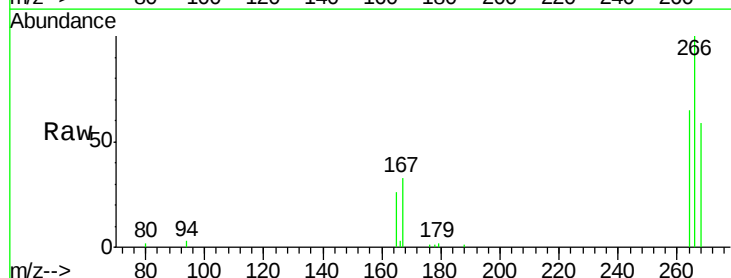
Tgt Ion:266 Resp: 21559

Ion Ratio Lower Upper

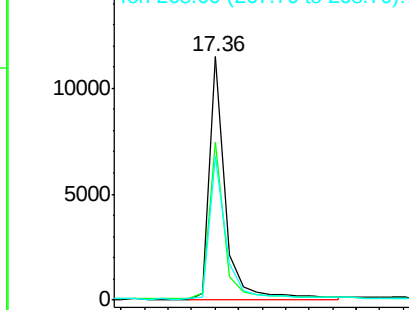
266 100

264 63.1 47.9 71.9

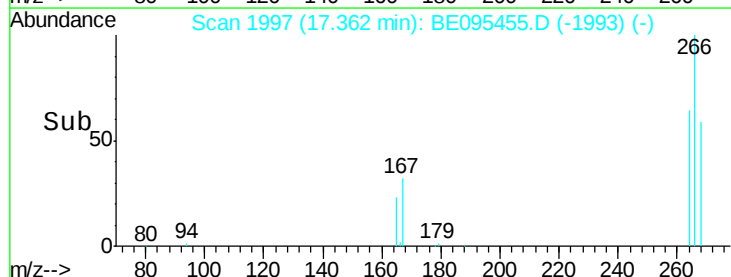
268 62.0 49.8 74.8

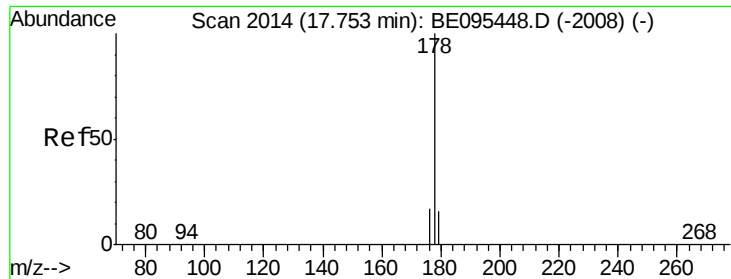


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->

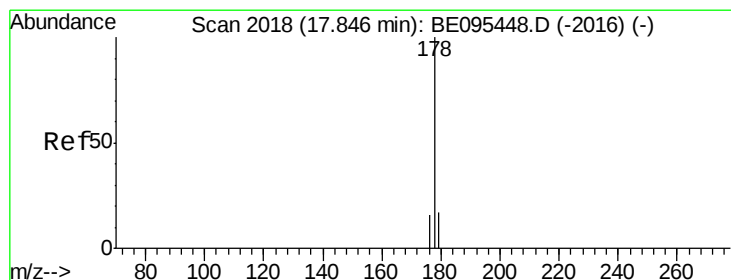
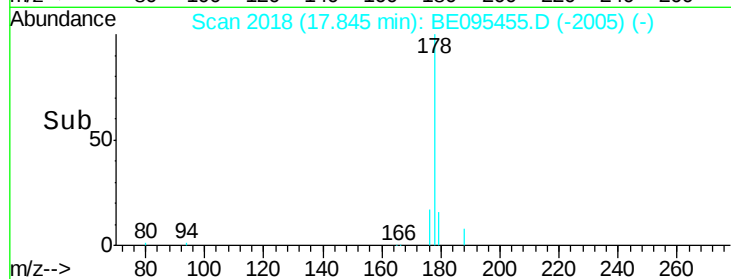
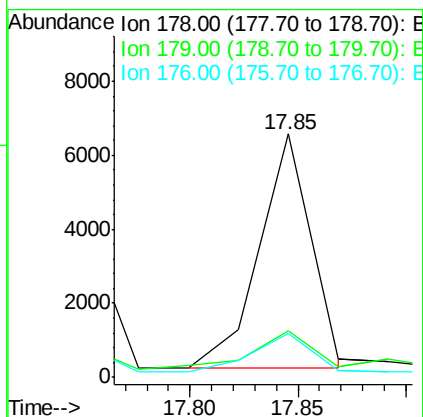
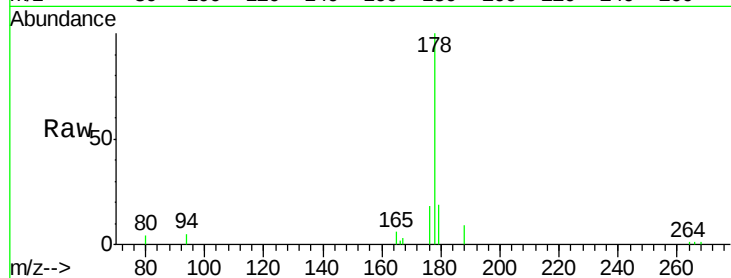




#12
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.09 min
Lab File: BE095455.D
Acq: 4 Feb 2018 1:45

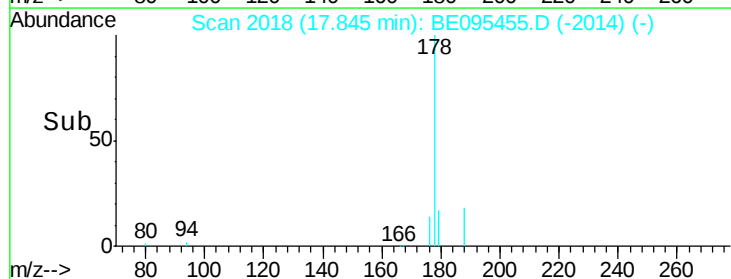
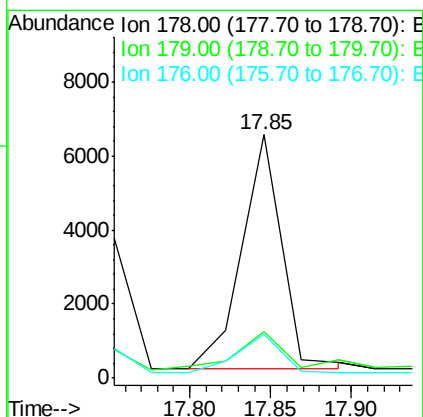
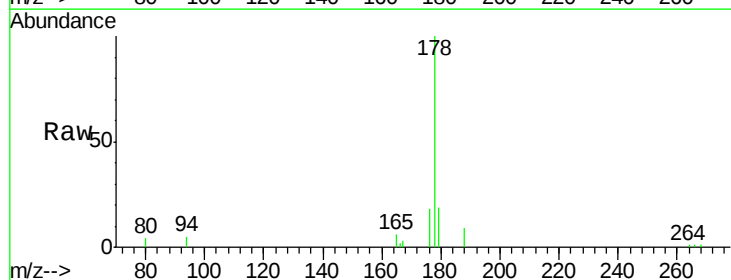
Instrument :
BNA_E
ClientSampleId :

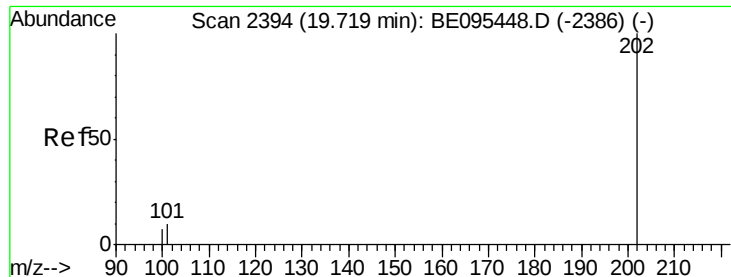
Tot Ion:178 Resp: 10593
Ion Ratio Lower Upper
178 100
179 19.1 18.4 27.6
176 18.0 13.6 20.4



#13
Anthracene
Concen: 0.462 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095455.D
Acq: 4 Feb 2018 1:45

Tgt Ion:178 Resp: 10854
Ion Ratio Lower Upper
178 100
179 19.1 18.1 27.1
176 18.0 14.7 22.1





#15

Fluoranthene

Concen: 0.964 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

Instrument :

BNA_E

ClientSampleId :

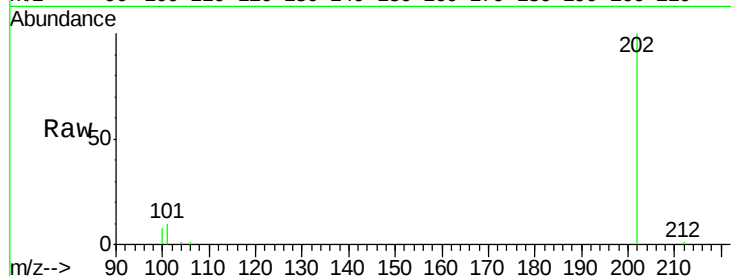
Tot Ion:202 Resp: 31995

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

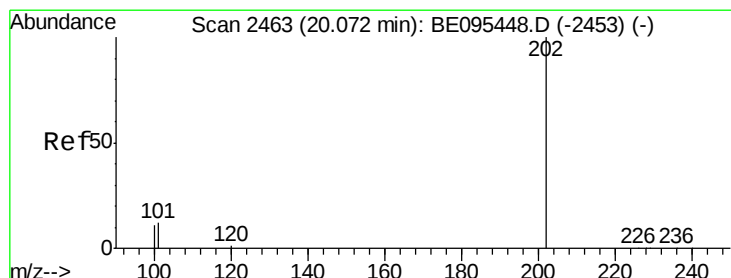
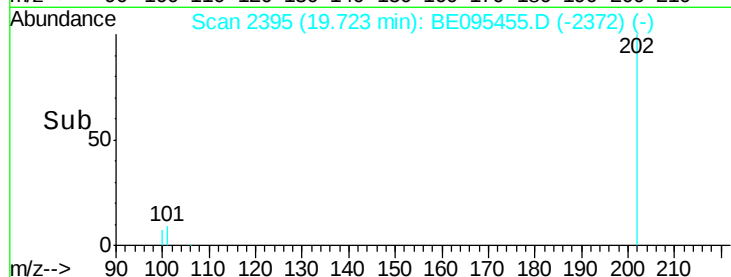
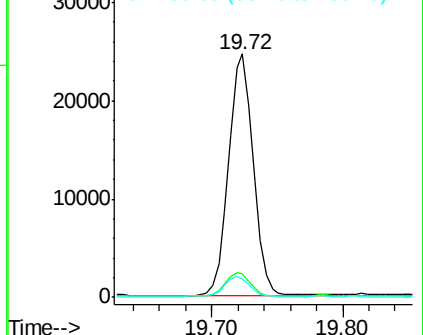
100 7.6 0.0 39.5



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: 1.433 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

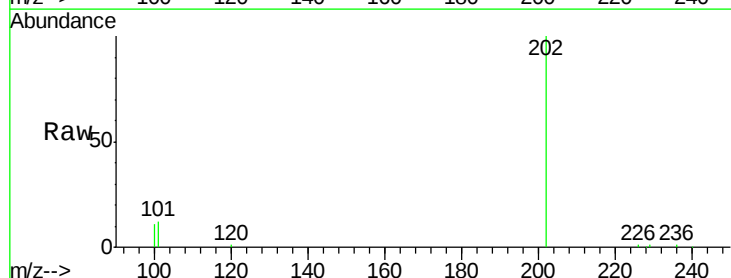
Tgt Ion:202 Resp: 37061

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

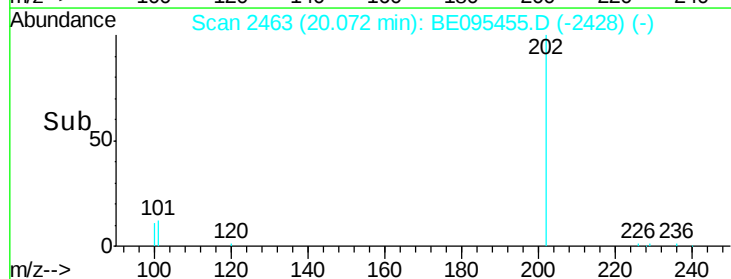
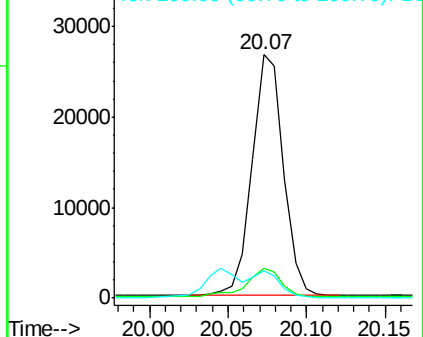
100 11.3 15.6 23.4#

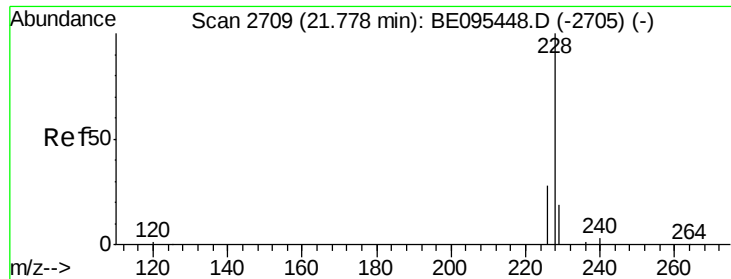


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.533 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

Instrument :

BNA_E

ClientSampleId :

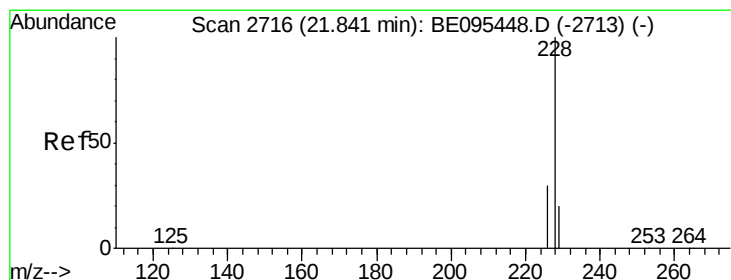
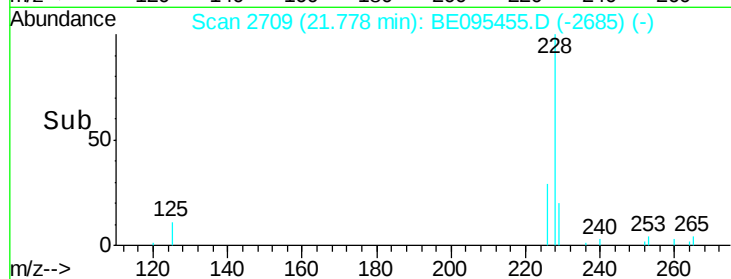
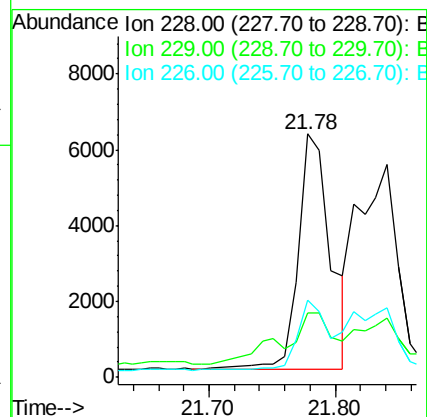
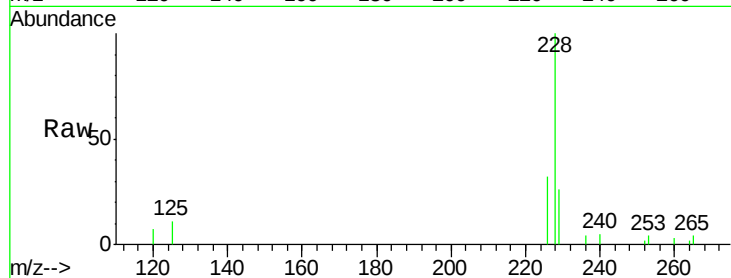
Tot Ion:228 Resp: 12830

Ion Ratio Lower Upper

228 100

229 26.4 22.8 34.2

226 31.7 17.0 25.6#



#19

Chrysene

Concen: 0.513 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.06 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

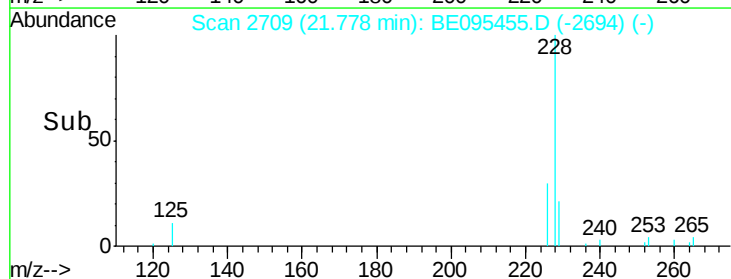
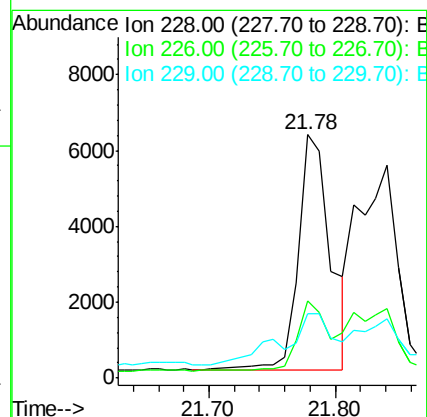
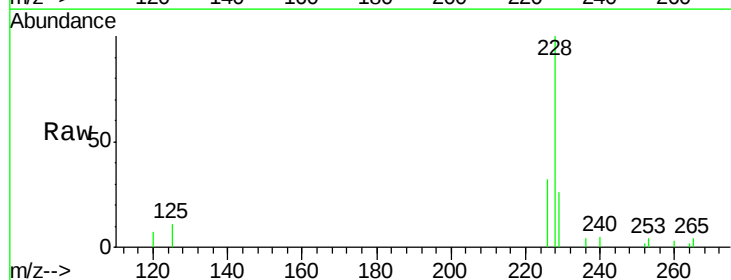
Tgt Ion:228 Resp: 12830

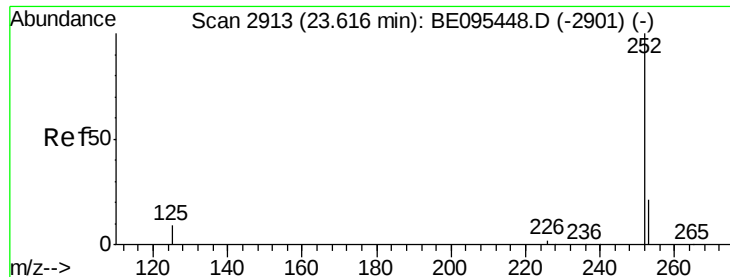
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

229 26.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.166 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

Instrument :

BNA_E

ClientSampleId :

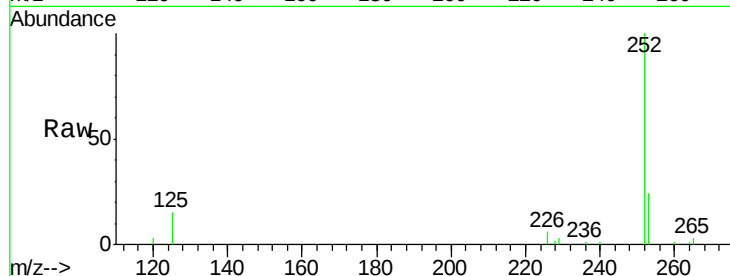
Tot Ion:252 Resp: 32996

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

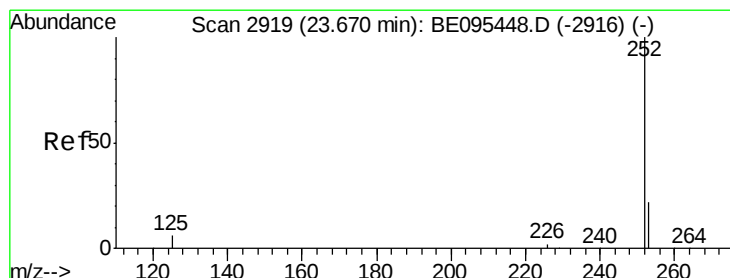
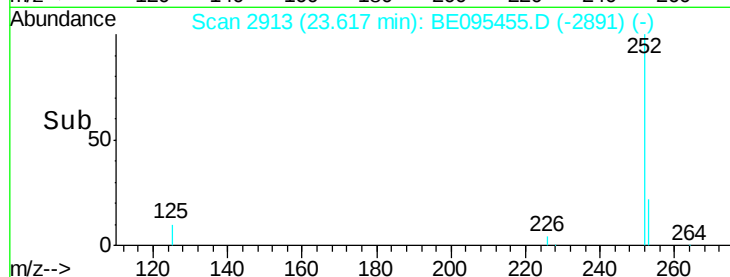
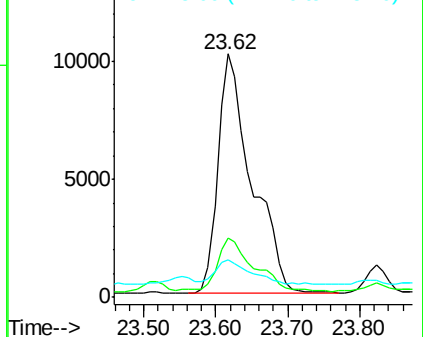
125 15.3 0.0 35.0



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: 1.275 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

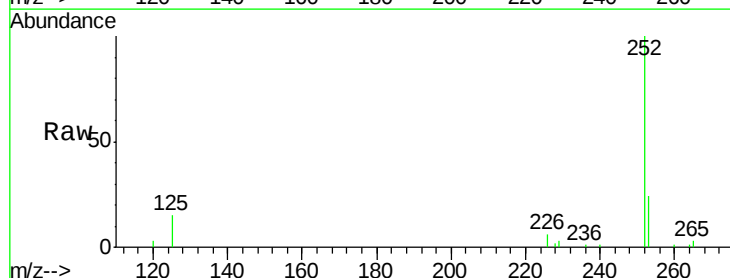
Tgt Ion:252 Resp: 32996

Ion Ratio Lower Upper

252 100

253 24.2 24.5 36.7#

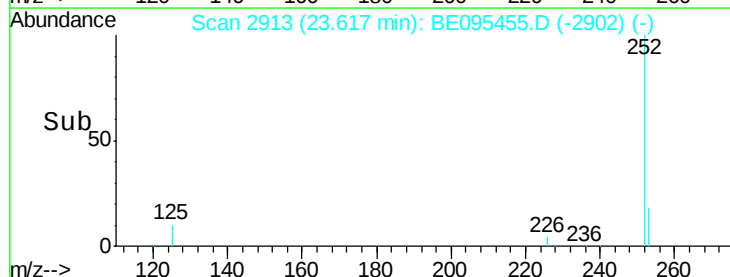
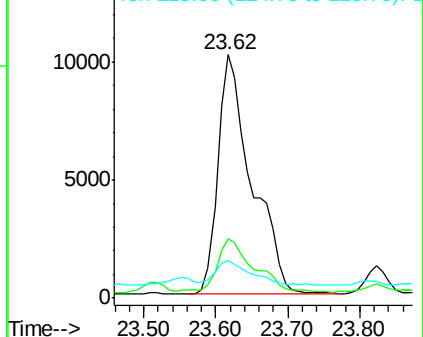
125 15.3 13.7 20.5

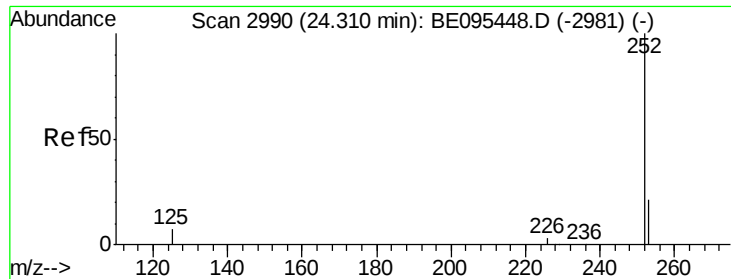


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.281 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

Instrument :

BNA_E

ClientSampleId :

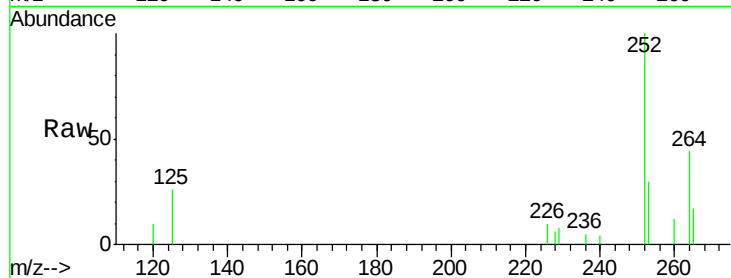
Tot Ion:252 Resp: 7098

Ion Ratio Lower Upper

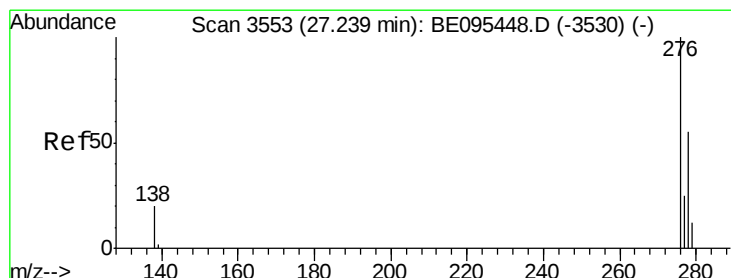
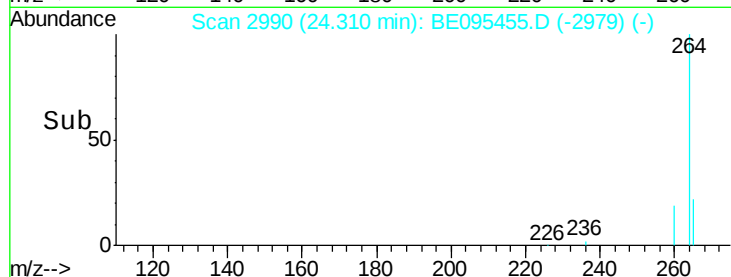
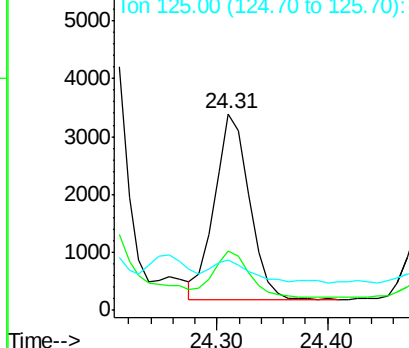
252 100

253 30.4 28.5 42.7

125 25.9 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: 0.339 ng/ul

RT: 27.24 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BE095455.D

Acq: 4 Feb 2018 1:45

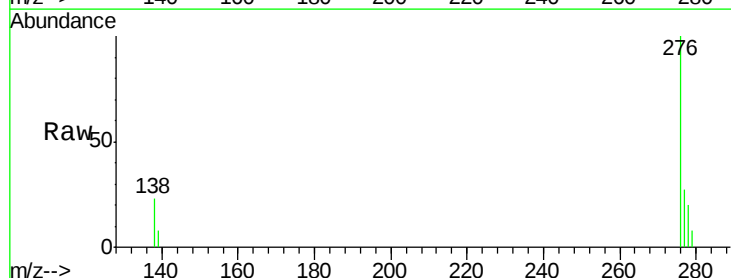
Tgt Ion:276 Resp: 9391

Ion Ratio Lower Upper

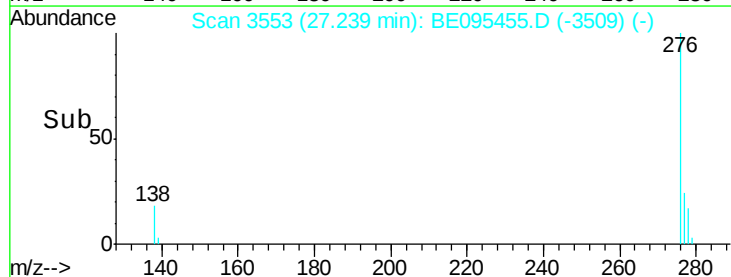
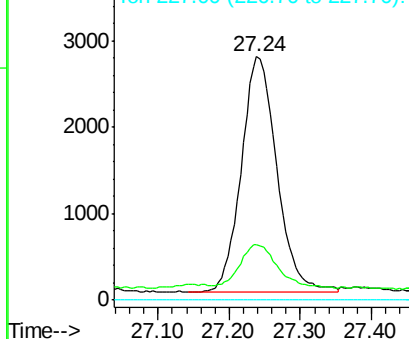
276 100

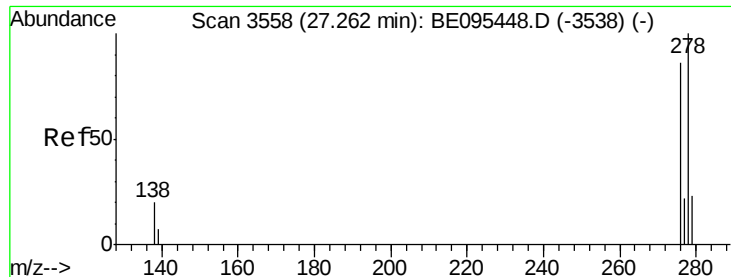
138 20.5 28.0 42.0#

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

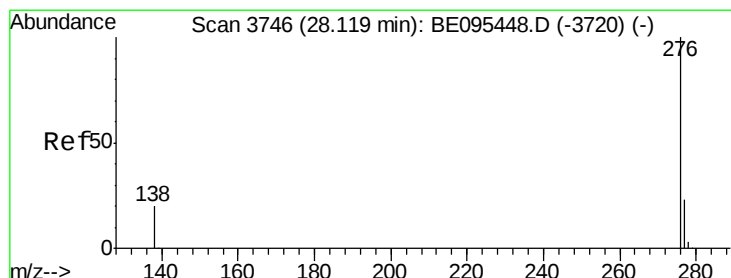
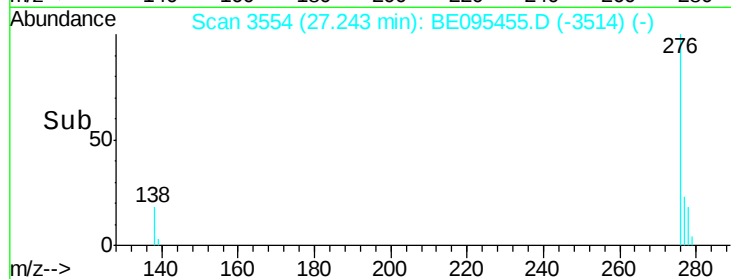
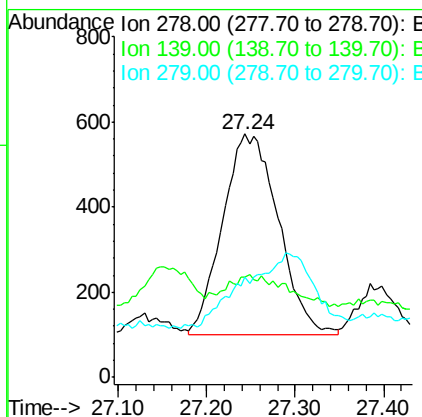
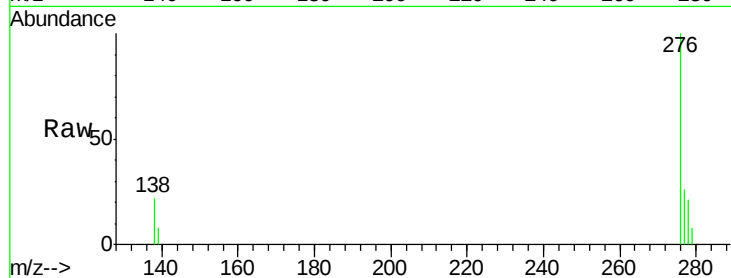




#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 27.24 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BE095455.D
Acq: 4 Feb 2018 1:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2074
Ion Ratio Lower Upper
278 100
139 41.3 17.4 26.0#
279 41.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 28.11 min Scan# 3745
Delta R.T. -0.01 min
Lab File: BE095455.D
Acq: 4 Feb 2018 1:45

Tgt Ion:276 Resp: 9975
Ion Ratio Lower Upper
276 100
138 24.9 21.8 32.8
277 25.8 20.5 30.7

