

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095778.D
 Acq On : 14 Mar 2018 23:34
 Operator : SJ/JU
 Sample : J1835-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 03:11:20 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 03:09:28 2018
 Response via : Initial Calibration

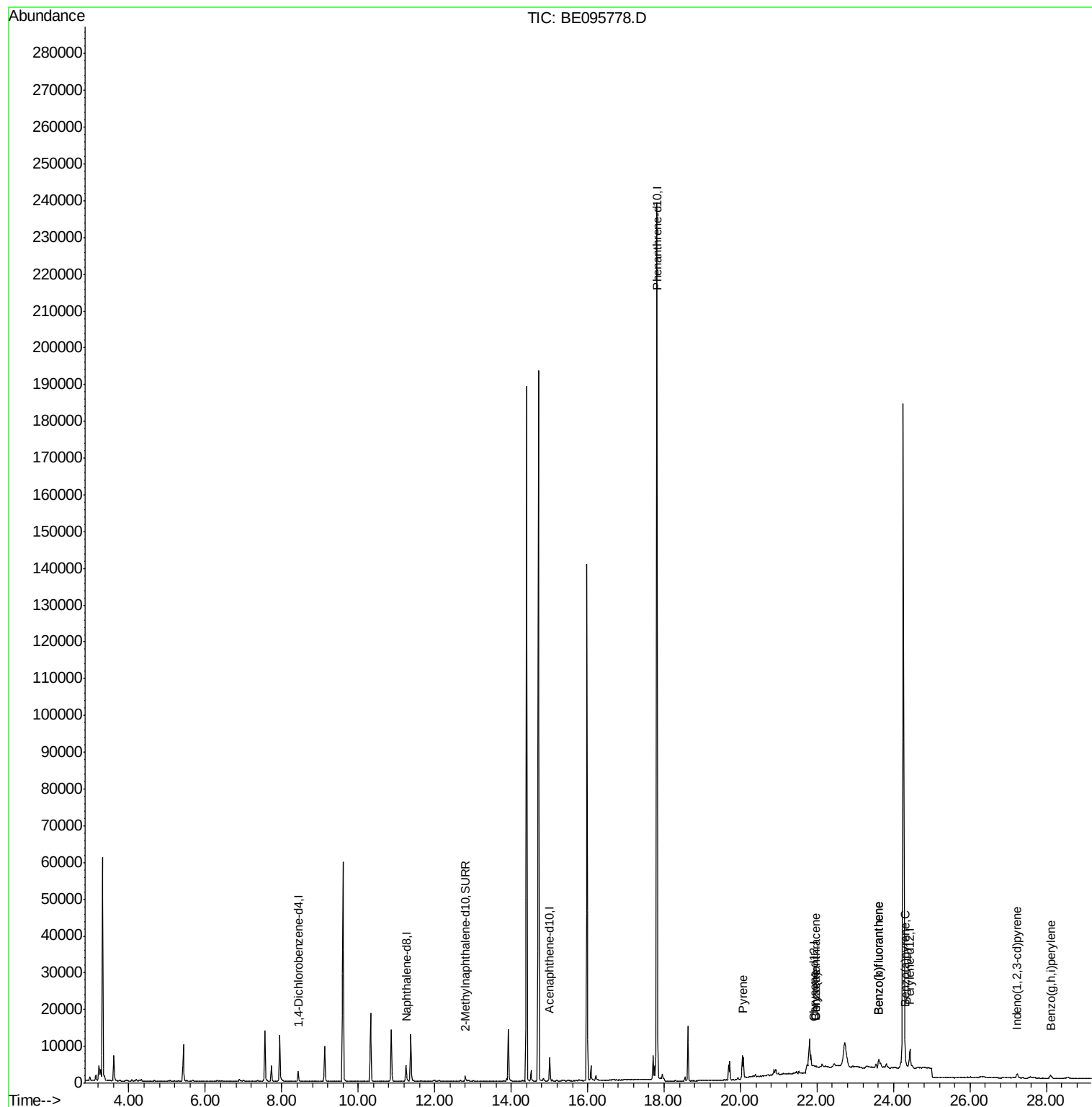
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1888	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5689	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3567	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	281661	0.40	ng/ul	0.10
16) Chrysene-d12	21.92	240	40	0.40	ng/ul	0.13
20) Perylene-d12	24.43	264	8337	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	1747	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
17) Pyrene	20.07	202	7482	49.261	ng/ul#	82
18) Benzo(a)anthracene	21.97	228	304	2.355	ng/ul#	1
19) Chrysene	21.97	228	304	2.313	ng/ul#	1
21) Benzo(b)fluoranthene	23.61	252	5969	0.207	ng/ul#	58
22) Benzo(k)fluoranthene	23.61	252	5969	0.217	ng/ul#	55
23) Benzo(a)pyrene	24.31	252	3027	0.115	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	27.24	276	2061	0.070	ng/ul#	76
26) Benzo(g,h,i)perylene	28.10	276	2131	0.085	ng/ul#	66

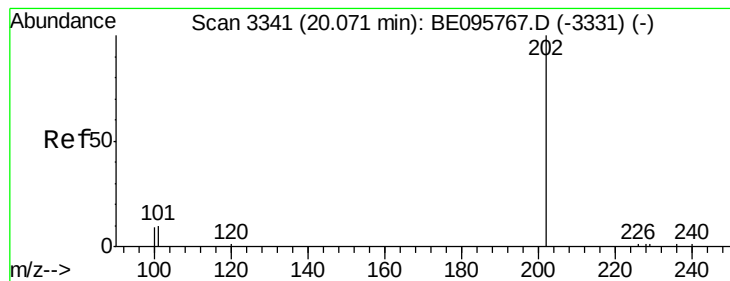
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 49.261 ng/ul

RT: 20.07 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BE095778.D

Acq: 14 Mar 2018 23:34

Instrument :

BNA_E

ClientSampleId :

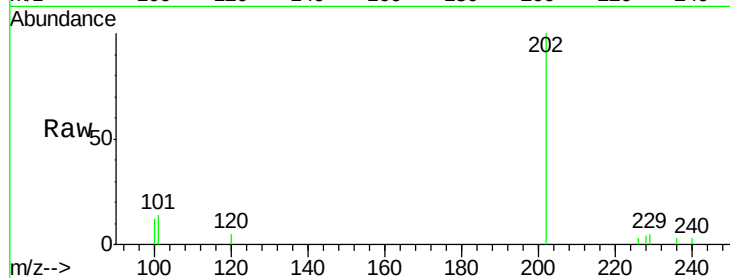
Tot Ion:202 Resp: 7482

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

100 12.3 15.6 23.4#



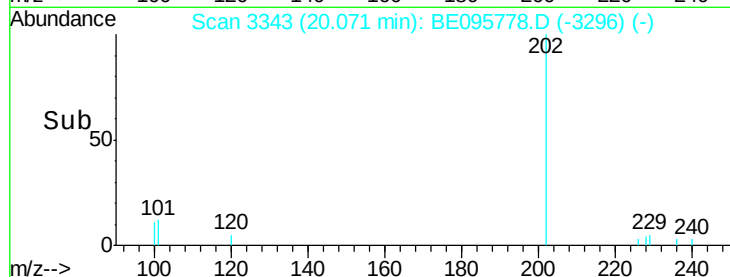
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

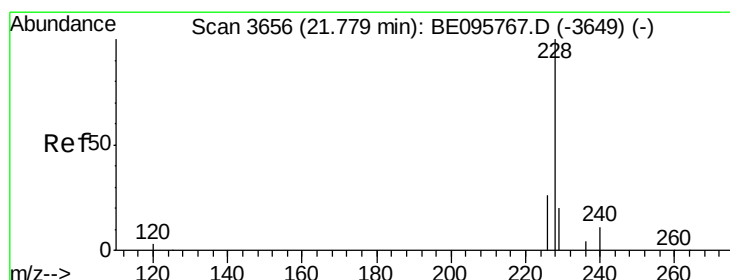
Ion 100.00 (99.70 to 100.70): E

Time-->

20.07



Time-->



#18

Benzo(a)anthracene

Concen: 2.355 ng/ul

RT: 21.97 min Scan# 3685

Delta R.T. 0.19 min

Lab File: BE095778.D

Acq: 14 Mar 2018 23:34

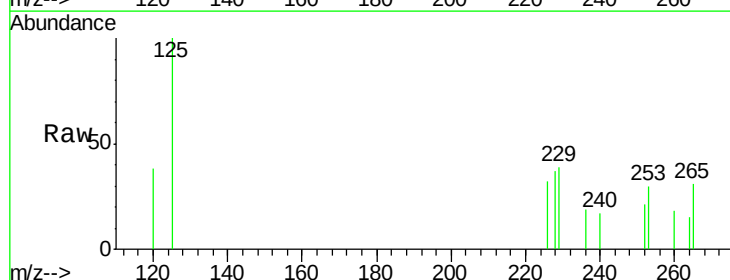
Tgt Ion:228 Resp: 304

Ion Ratio Lower Upper

228 100

229 103.7 22.8 34.2#

226 85.6 17.0 25.6#



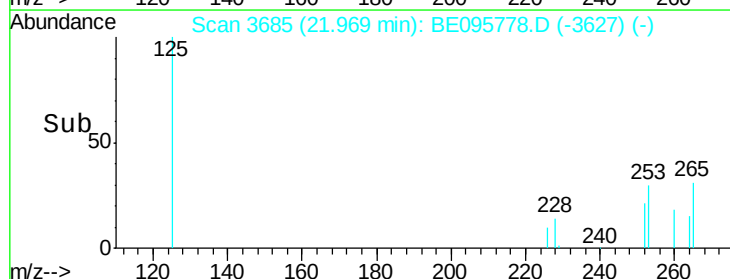
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

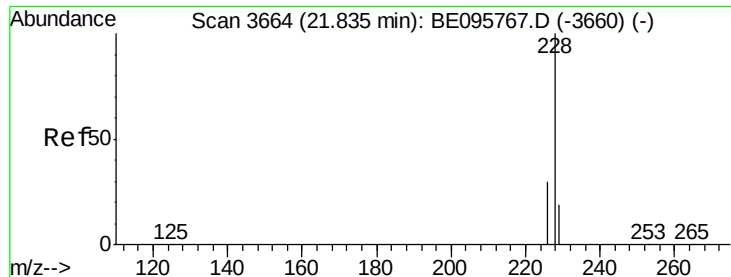
Ion 226.00 (225.70 to 226.70): E

Time-->

21.97



Time-->



#19

Chrysene

Concen: 2.313 ng/ul

RT: 21.97 min Scan# 3685

Delta R.T. 0.13 min

Lab File: BE095778.D

Acq: 14 Mar 2018 23:34

Instrument :

BNA_E

ClientSampled :

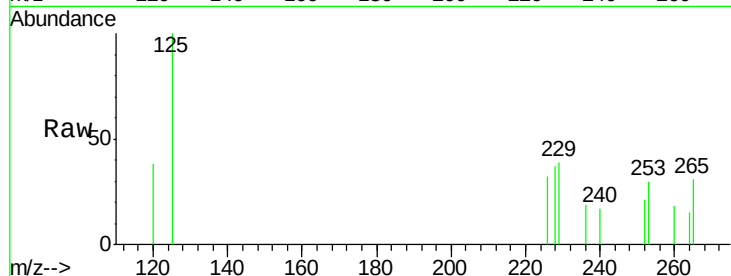
Tot Ion:228 Resp: 304

Ion Ratio Lower Upper

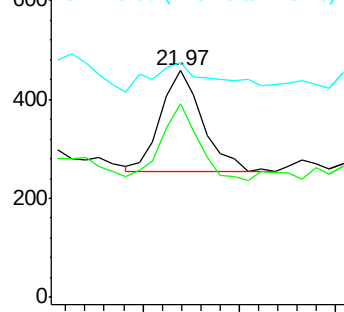
228 100

226 85.6 23.4 35.0#

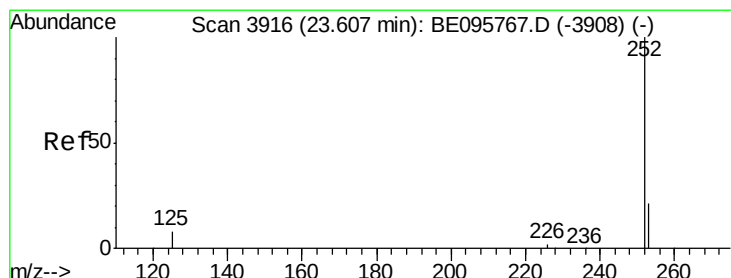
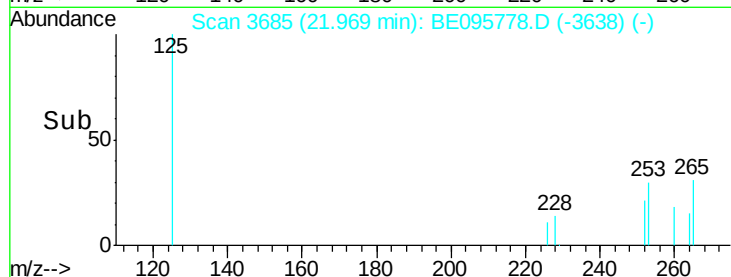
229 103.7 17.7 26.5#



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



Time-->



#21

Benzo(b)fluoranthene

Concen: 0.207 ng/ul

RT: 23.61 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BE095778.D

Acq: 14 Mar 2018 23:34

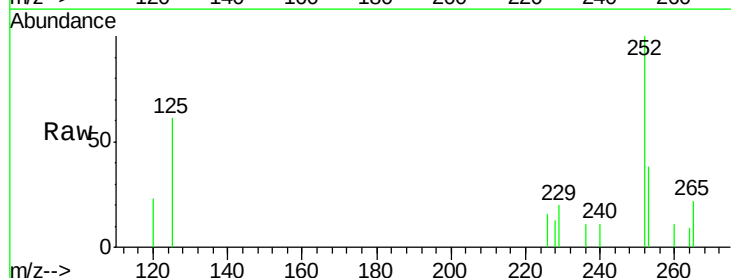
Tgt Ion:252 Resp: 5969

Ion Ratio Lower Upper

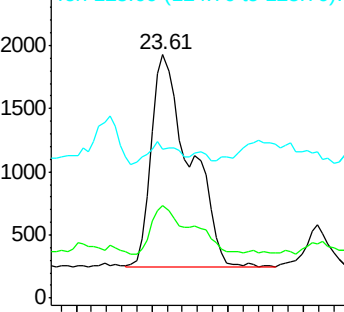
252 100

253 38.2 0.0 64.2

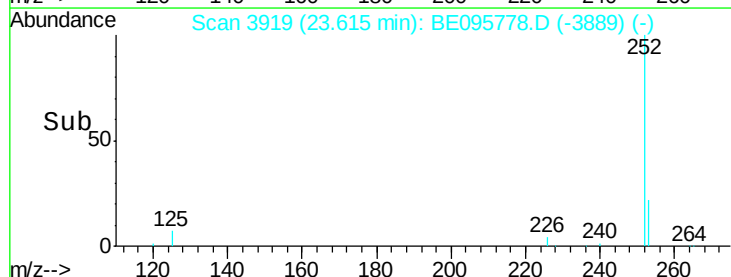
125 61.1 0.0 35.0#

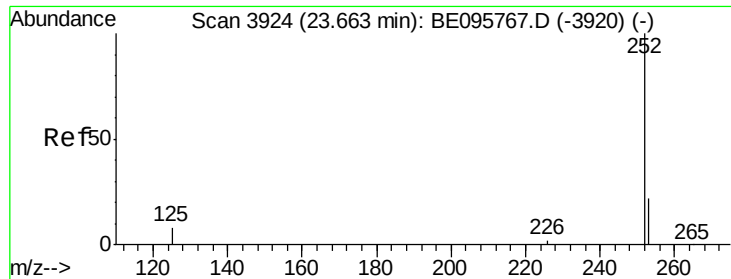


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 0.217 ng/ul

RT: 23.61 min Scan# 3919

Delta R.T. -0.05 min

Lab File: BE095778.D

Acq: 14 Mar 2018 23:34

Instrument :

BNA_E

ClientSampleId :

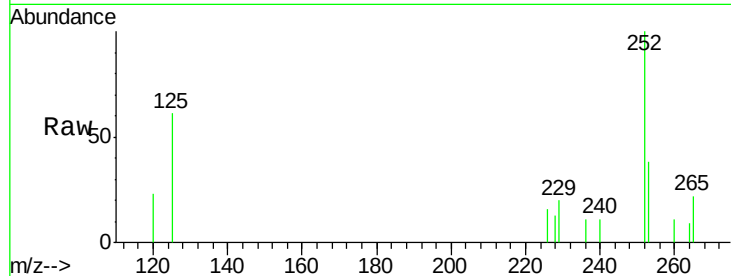
Tot Ion:252 Resp: 5969

Ion Ratio Lower Upper

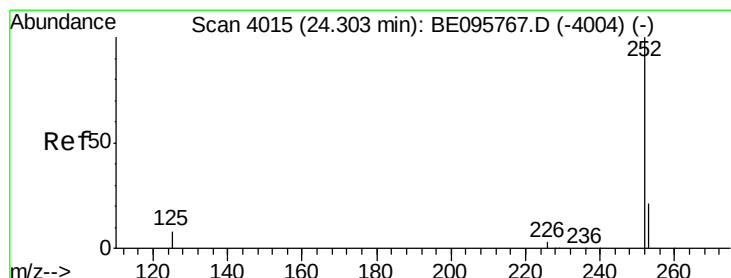
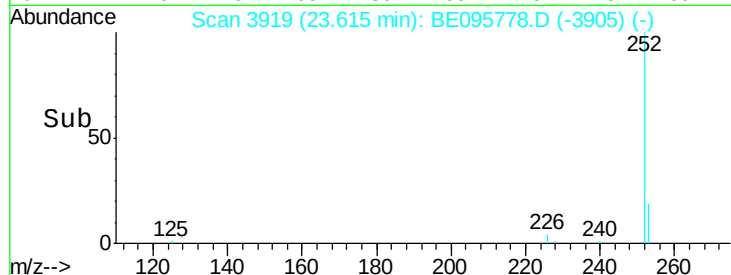
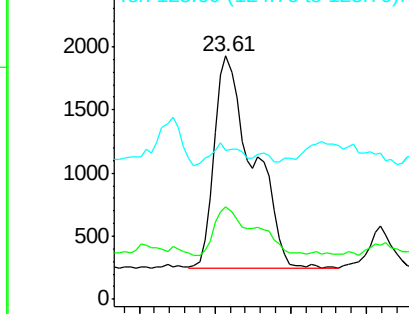
252 100

253 38.2 24.5 36.7#

125 61.1 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: 0.115 ng/ul

RT: 24.31 min Scan# 4018

Delta R.T. 0.01 min

Lab File: BE095778.D

Acq: 14 Mar 2018 23:34

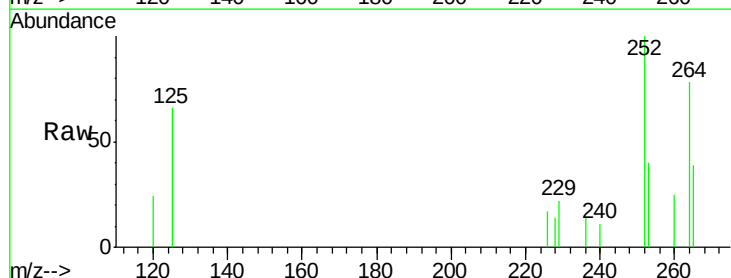
Tgt Ion:252 Resp: 3027

Ion Ratio Lower Upper

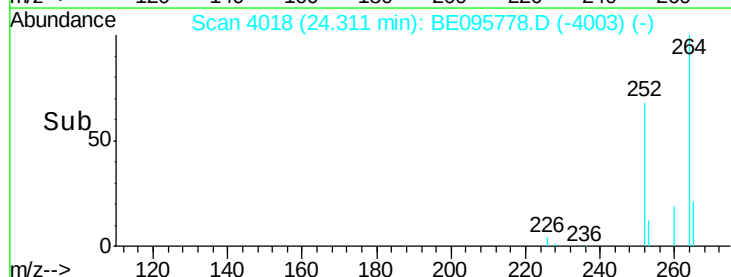
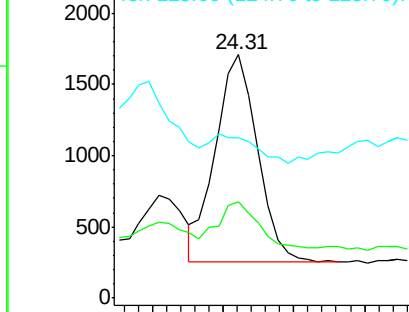
252 100

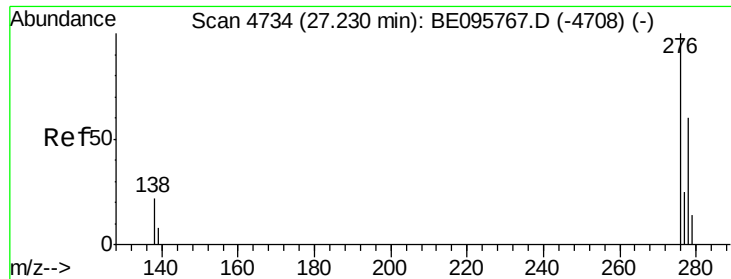
253 39.6 28.5 42.7

125 66.1 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



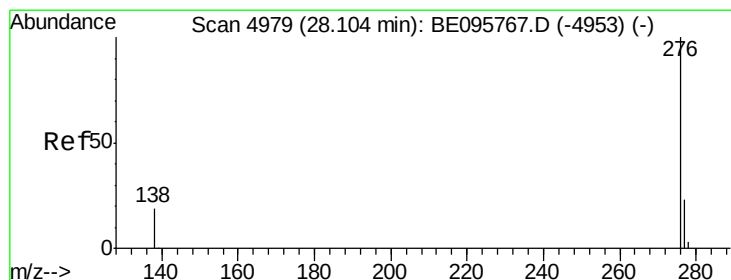
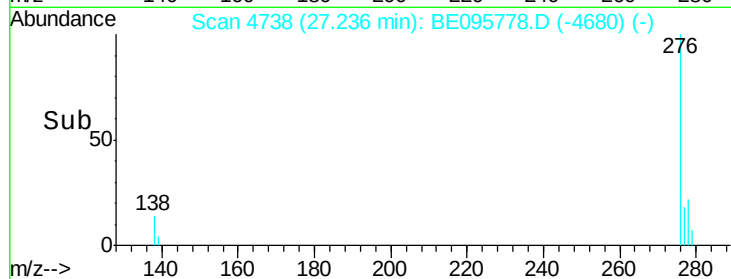
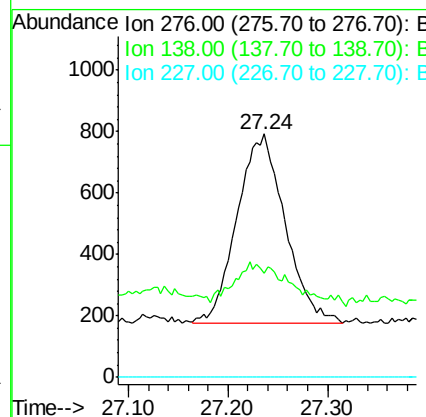
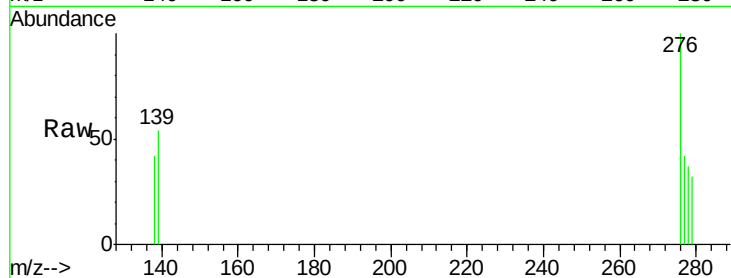


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 27.24 min Scan# 4738
Delta R.T. 0.01 min
Lab File: BE095778.D
Acq: 14 Mar 2018 23:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 2061
Ion Ratio Lower Upper
276 100
138 21.9 28.0 42.0#
227 0.0 8.0 12.0#



#26

Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 28.10 min Scan# 4981
Delta R.T. -0.00 min
Lab File: BE095778.D
Acq: 14 Mar 2018 23:34

Tgt Ion:276 Resp: 2131
Ion Ratio Lower Upper
276 100
138 45.2 21.8 32.8#
277 43.0 20.5 30.7#

