

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096086.D
 Acq On : 23 Apr 2018 15:47
 Operator : SJ/JU
 Sample : J2355-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 05:23:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration

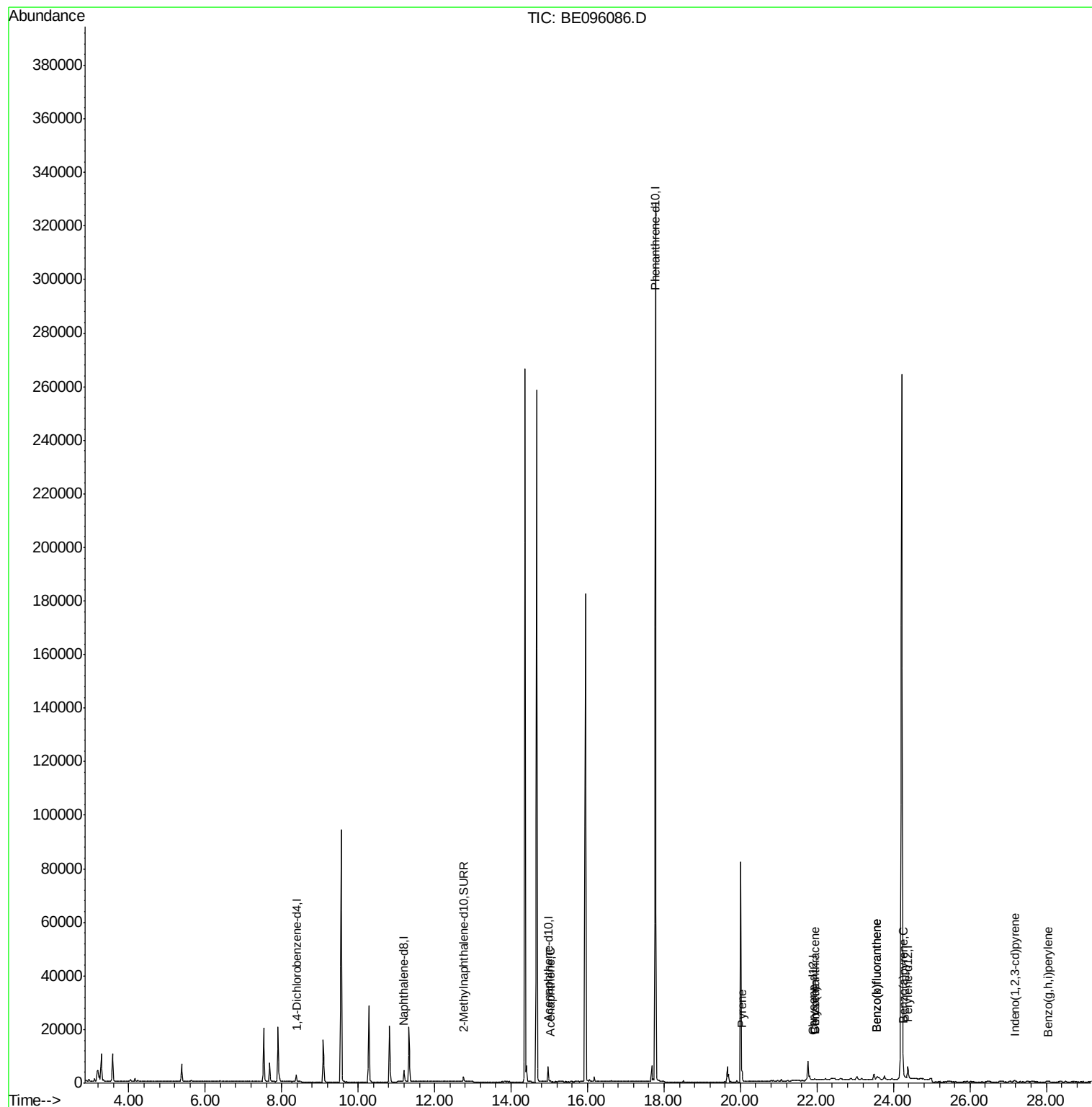
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1950	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5282	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3136	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	389127	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	28	0.40	ng/ul	0.13
20) Perylene-d12	24.38	264	7456	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2327	0.24	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
8) Acenaphthene	15.02	153	248	0.021	ng/ul#	86
17) Pyrene	20.04	202	3802	39.960	ng/ul#	86
18) Benzo(a)anthracene	21.94	228	157	1.388	ng/ul#	1
19) Chrysene	21.94	228	157	1.928	ng/ul#	1
21) Benzo(b)fluoranthene	23.57	252	2577	0.107	ng/ul	77
22) Benzo(k)fluoranthene	23.57	252	2577	0.107	ng/ul#	74
23) Benzo(a)pyrene	24.26	252	1210	0.052	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	893	0.035	ng/ul#	78
26) Benzo(g,h,i)perylene	28.04	276	676	0.031	ng/ul#	58

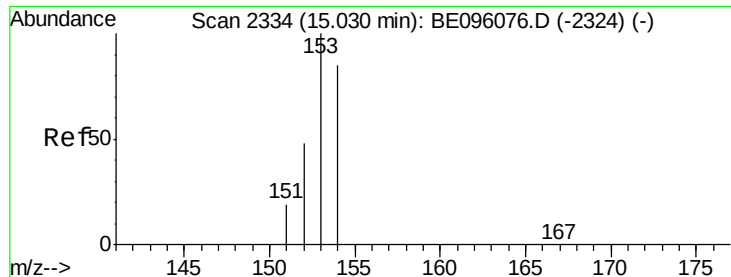
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 15.02 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

Instrument :

BNA_E

ClientSampleId :

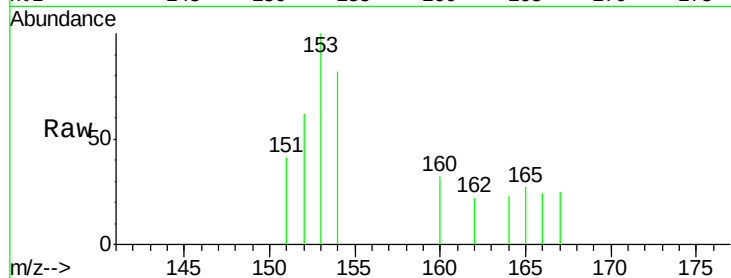
Tot Ion:153 Resp: 248

Ion Ratio Lower Upper

153 100

152 61.7 36.0 54.0#

154 82.2 72.0 108.0



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

15.02

200

150

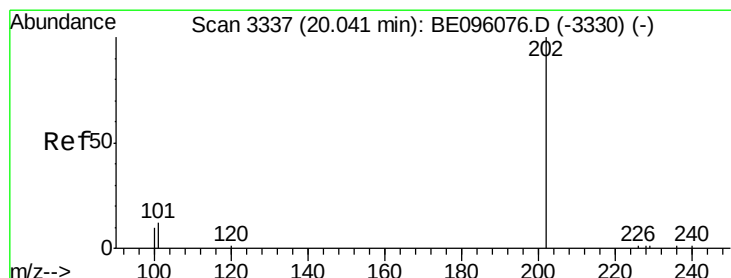
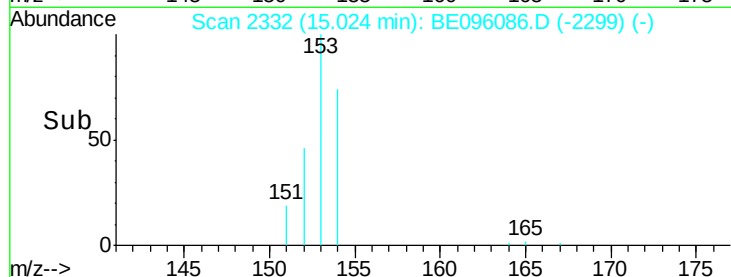
100

50

0

14.95 15.00 15.05

Time-->



#17

Pyrene

Concen: 39.960 ng/ul

RT: 20.04 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

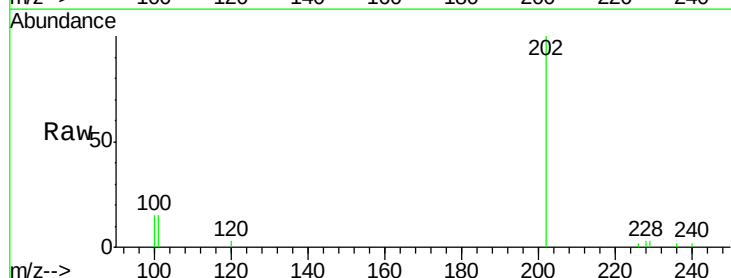
Tgt Ion:202 Resp: 3802

Ion Ratio Lower Upper

202 100

101 14.5 18.2 27.4#

100 14.5 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

20.04

4000

3000

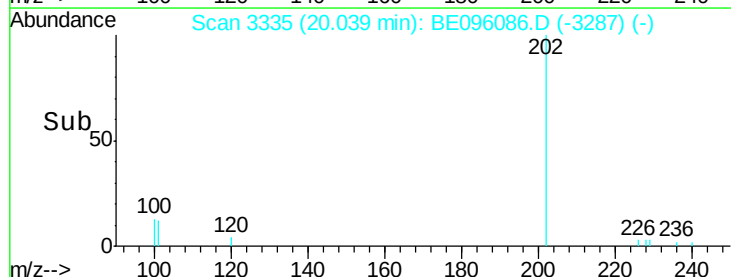
2000

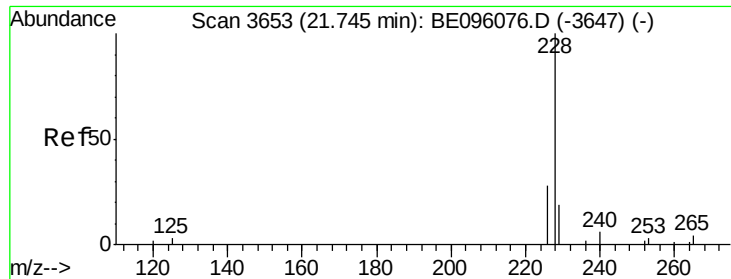
1000

0

20.00 20.05 20.10

Time-->





#18

Benzo(a)anthracene

Concen: 1.388 ng/ul

RT: 21.94 min Scan# 3678

Delta R.T. 0.19 min

Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

Instrument :

BNA_E

ClientSampleId :

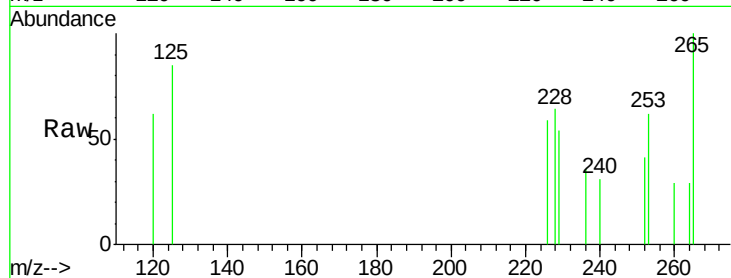
Tot Ion:228 Resp: 157

Ion Ratio Lower Upper

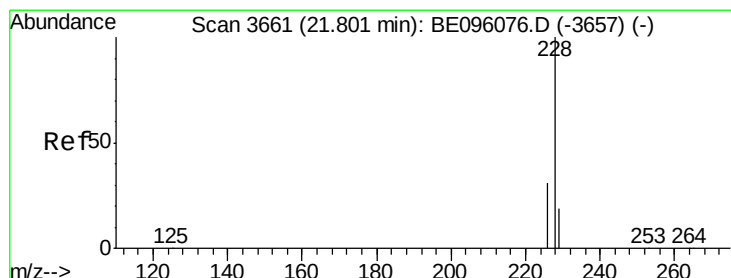
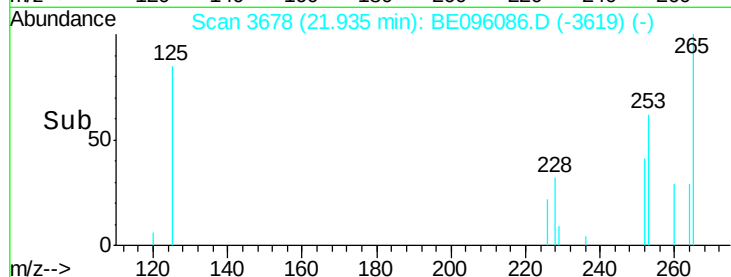
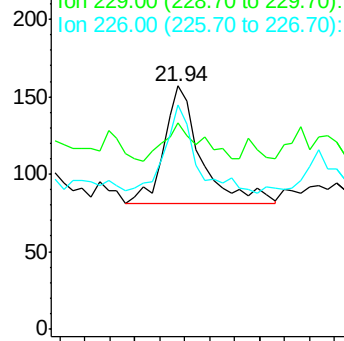
228 100

229 84.7 22.8 34.2#

226 92.4 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: 1.928 ng/ul

RT: 21.94 min Scan# 3678

Delta R.T. 0.13 min

Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

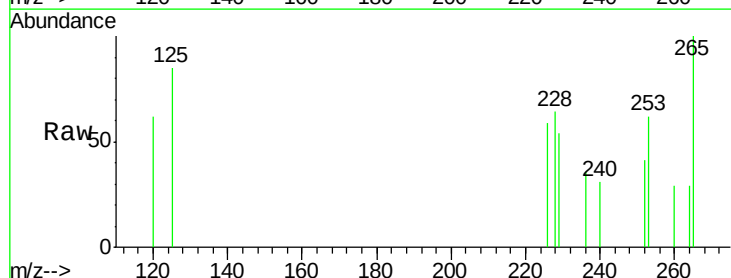
Tgt Ion:228 Resp: 157

Ion Ratio Lower Upper

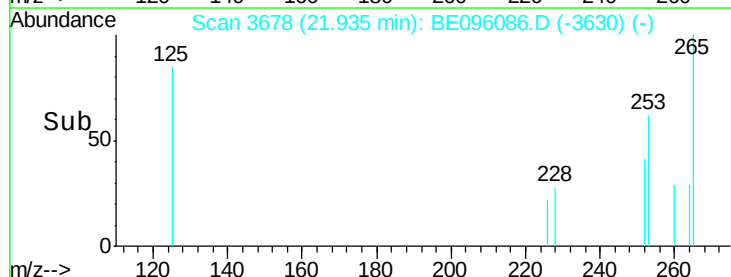
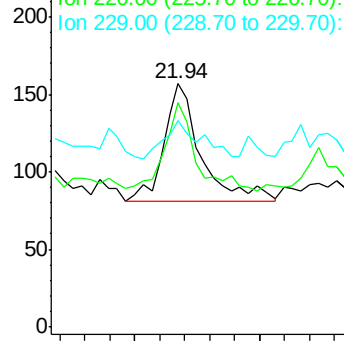
228 100

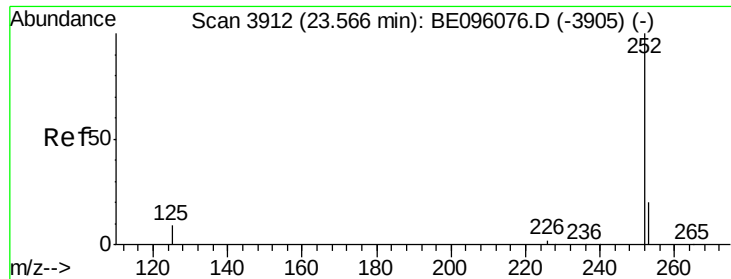
226 92.4 23.4 35.0#

229 84.7 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

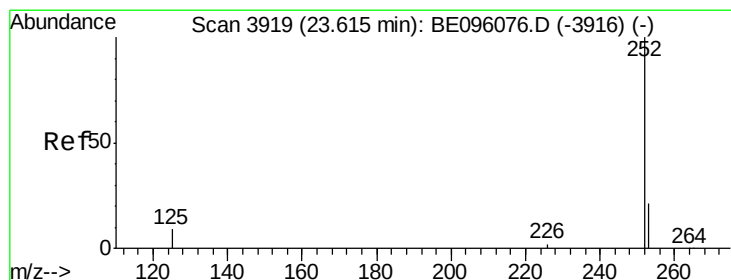
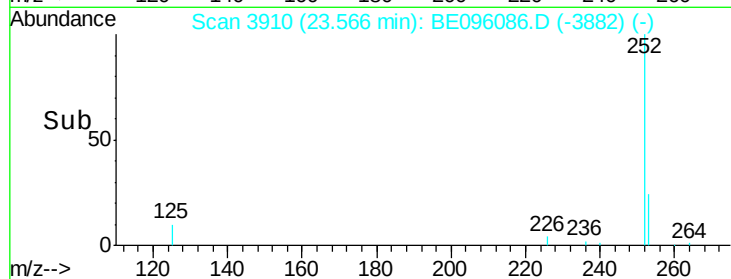
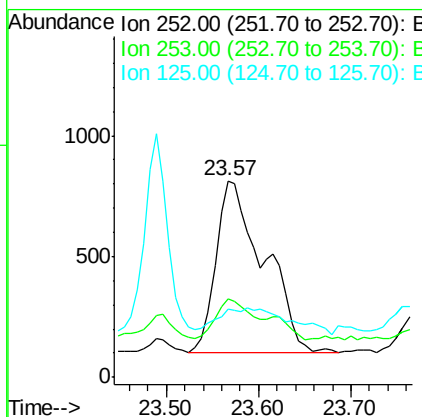
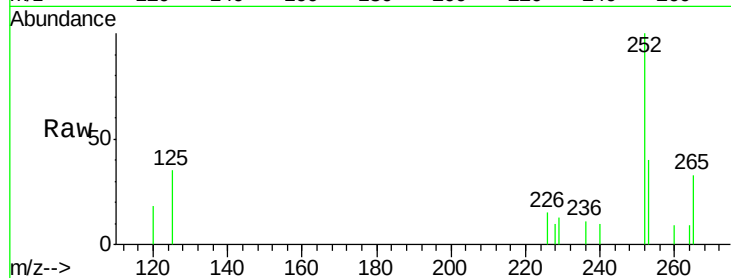




#21
Benzo(b)fluoranthene
Concen: 0.107 ng/ul
RT: 23.57 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BE096086.D
Acq: 23 Apr 2018 15:47

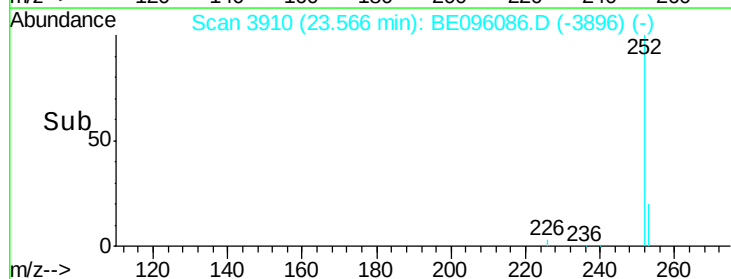
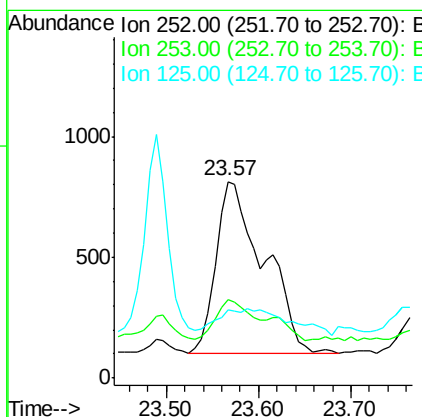
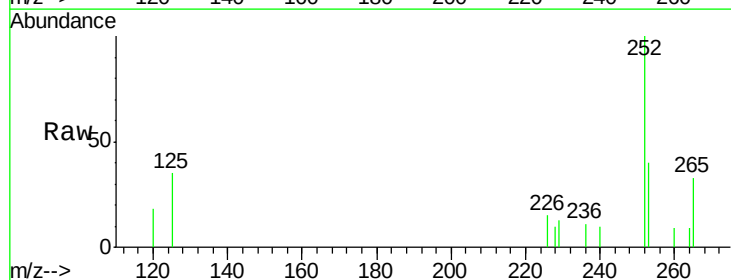
Instrument :
BNA_E
ClientSampleId :

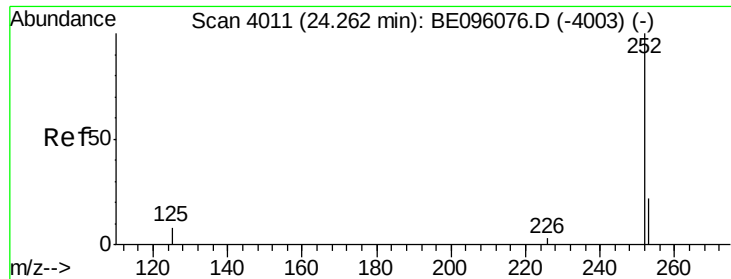
Tot Ion:252 Resp: 2577
Ion Ratio Lower Upper
252 100
253 40.2 0.0 64.2
125 34.5 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.107 ng/ul
RT: 23.57 min Scan# 3910
Delta R.T. -0.05 min
Lab File: BE096086.D
Acq: 23 Apr 2018 15:47

Tgt Ion:252 Resp: 2577
Ion Ratio Lower Upper
252 100
253 40.2 24.5 36.7#
125 34.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.052 ng/ul

RT: 24.26 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

Instrument :

BNA_E

ClientSampleId :

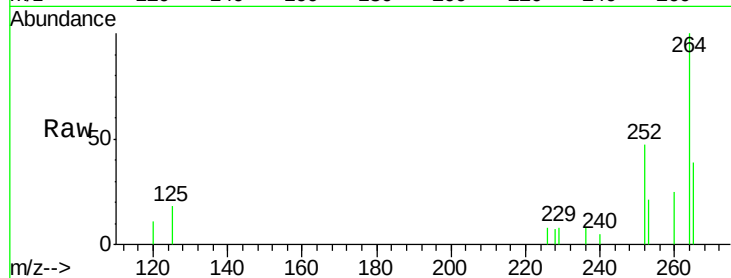
Tot Ion:252 Resp: 1210

Ion Ratio Lower Upper

252 100

253 44.3 28.5 42.7#

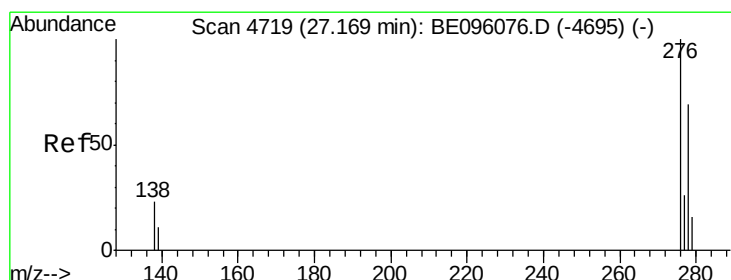
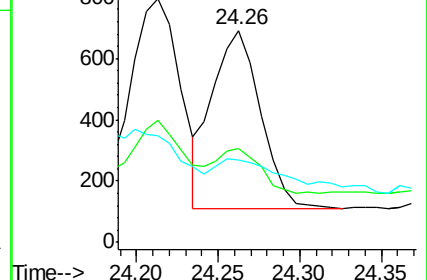
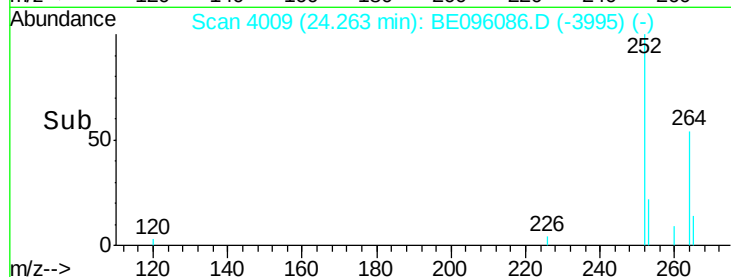
125 38.7 18.1 27.1#



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: 0.035 ng/ul

RT: 27.17 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

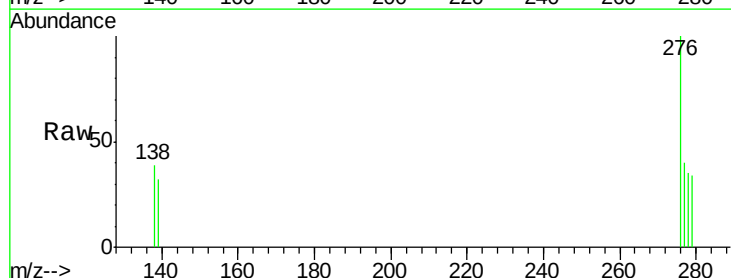
Tgt Ion:276 Resp: 893

Ion Ratio Lower Upper

276 100

138 23.1 28.0 42.0#

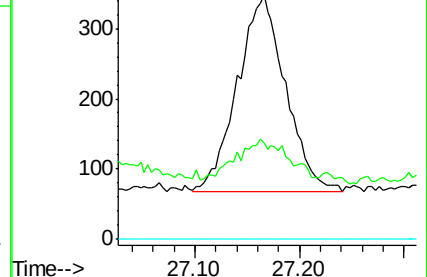
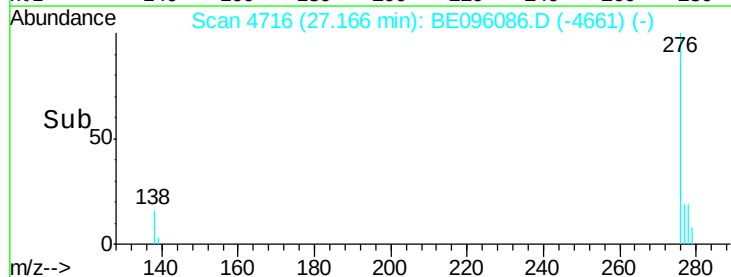
227 0.0 8.0 12.0#

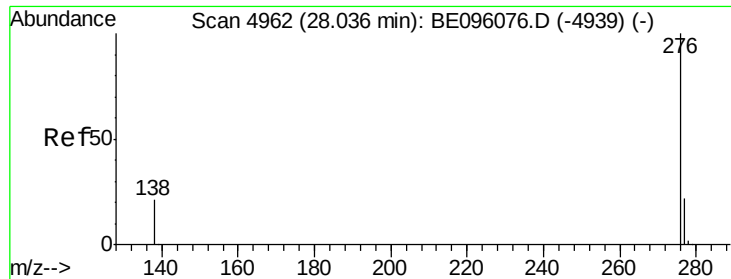


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.031 ng/ul

RT: 28.04 min Scan# 4962

Delta R.T. 0.01 min

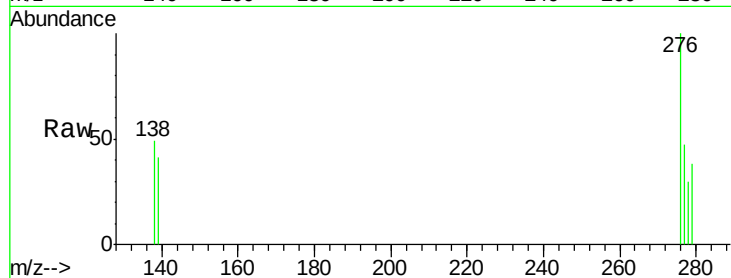
Lab File: BE096086.D

Acq: 23 Apr 2018 15:47

Instrument :

BNA_E

ClientSampleId :



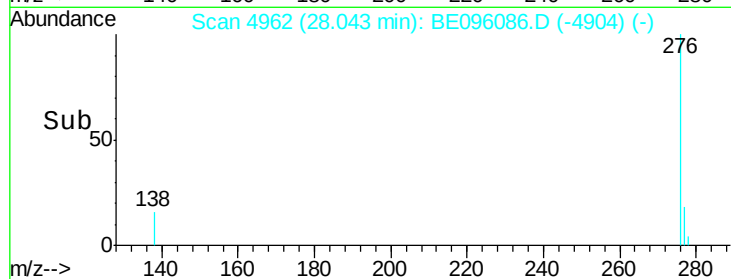
Tot Ion: 276 Resp: 676

Ion Ratio Lower Upper

276 100

138 49.4 21.8 32.8#

277 46.8 20.5 30.7#



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

