

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097464.D
 Acq On : 12 Sep 2018 23:20
 Operator : SJ/JU
 Sample : J4792-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:53:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration

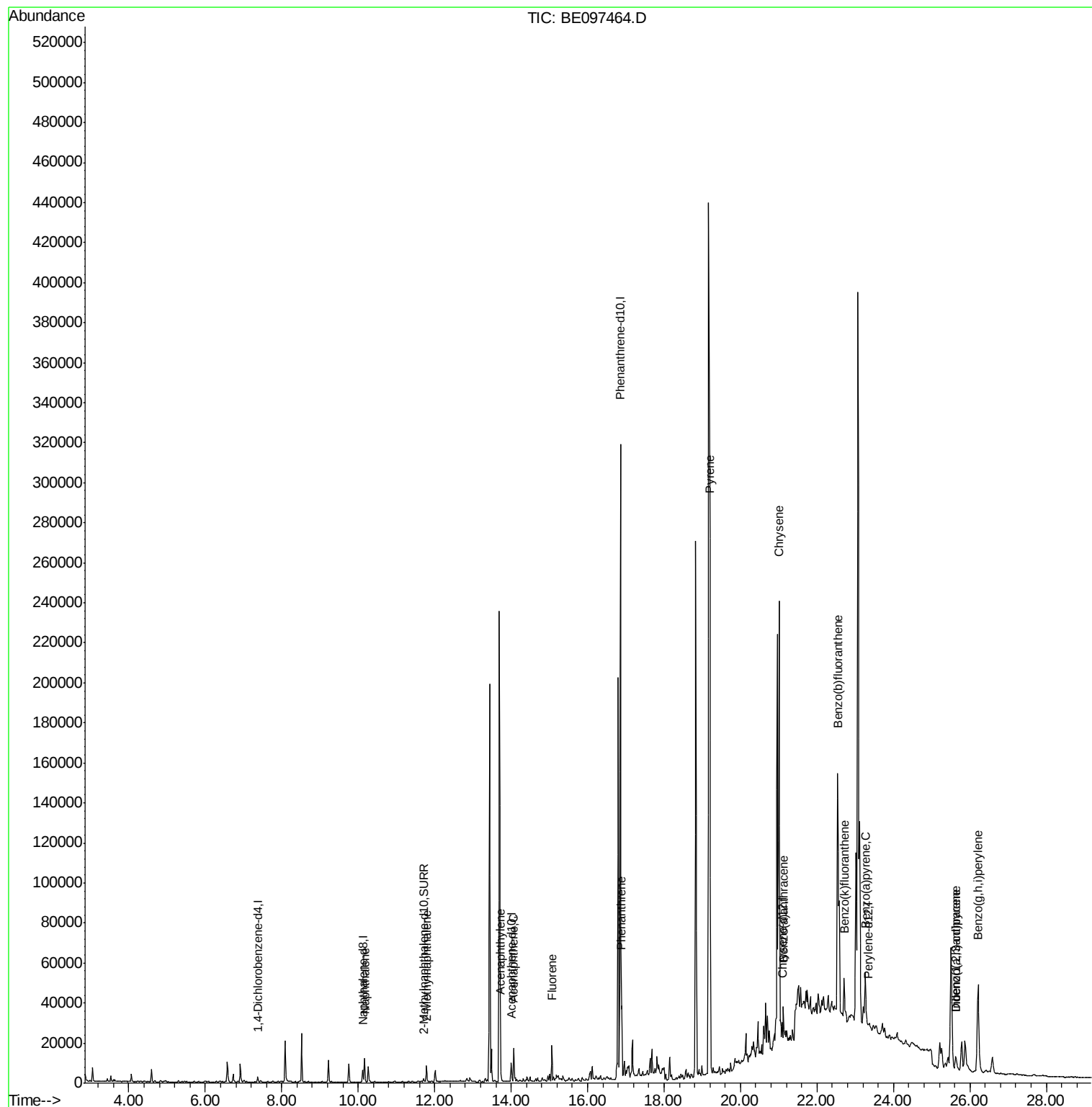
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6113	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4366	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	363636	0.40	ng/ul	0.10
16) Chrysene-d12	21.09	240	166	0.40	ng/ul	0.12
20) Perylene-d12	23.34	264	1568	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1930	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	140	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	17294	1.160	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	6647	0.706	ng/ul	97
7) Acenaphthylene	13.72	152	6080	0.382	ng/ul	98
8) Acenaphthene	14.07	153	9703	0.709	ng/ul	97
9) Fluorene	15.07	166	10437	0.666	ng/ul	93
12) Phenanthrene	16.89	178	40861	0.044	ng/ul#	89
17) Pyrene	19.20	202	286241	640.784	ng/ul#	80
18) Benzo(a)anthracene	21.12	228	12958	30.387	ng/ul#	28
19) Chrysene	21.01	228	197524	402.035	ng/ul	95
21) Benzo(b)fluoranthene	22.54	252	256148	61.001	ng/ul	90
22) Benzo(k)fluoranthene	22.71	252	27819	5.941	ng/ul#	52
23) Benzo(a)pyrene	23.26	252	35256	9.076	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.63	276	3277	0.651	ng/ul#	68
25) Dibenzo(a,h)anthracene	25.63	278	9490	2.225	ng/ul#	45
26) Benzo(g,h,i)perylene	26.21	276	92855	21.632	ng/ul#	93

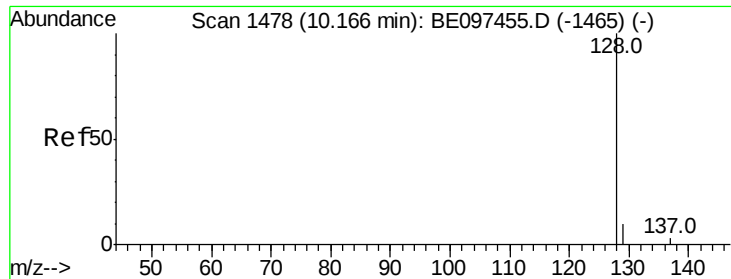
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.160 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampled :

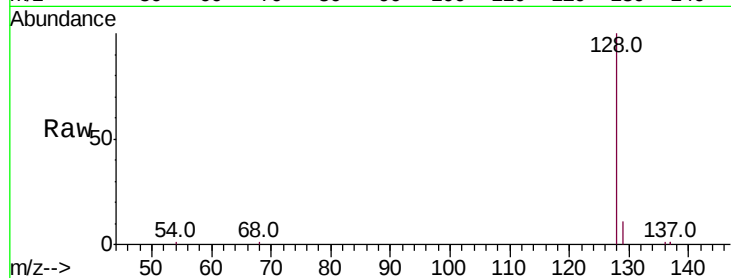
Tot Ion:128 Resp: 17294

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

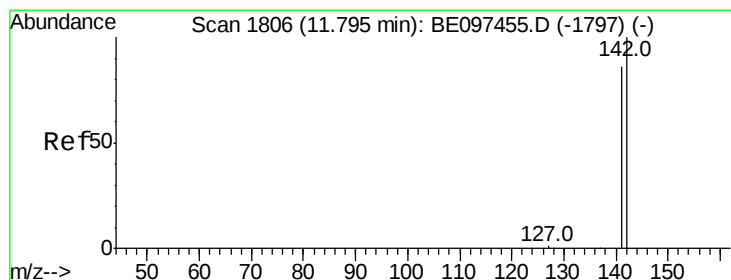
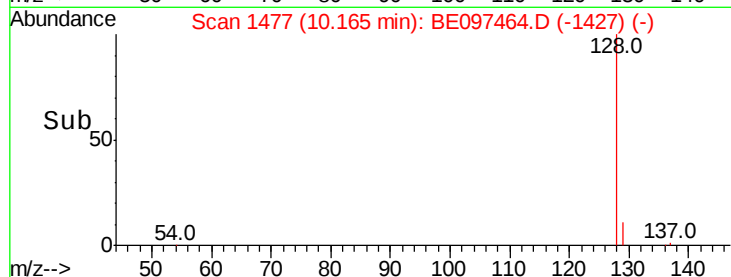
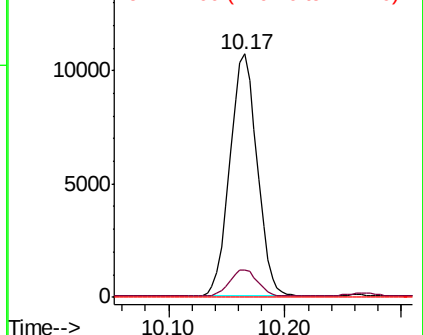
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.706 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097464.D

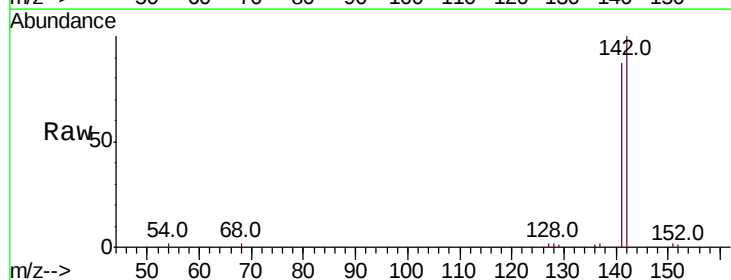
Acq: 12 Sep 2018 23:20

Tgt Ion:142 Resp: 6647

Ion Ratio Lower Upper

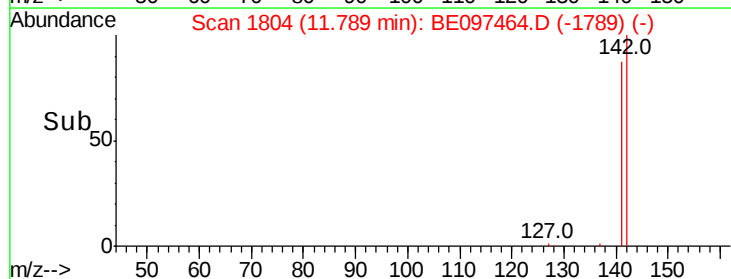
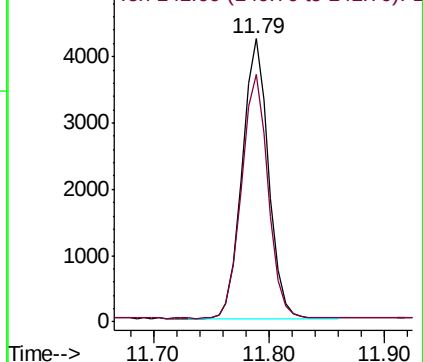
142 100

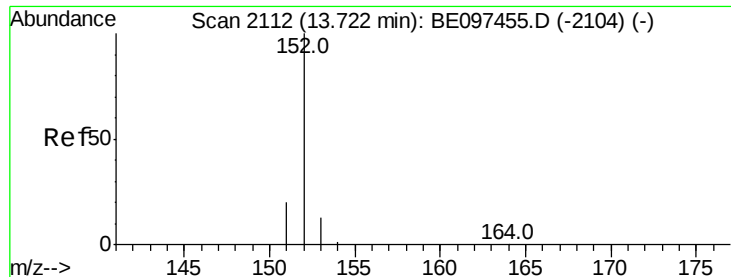
141 87.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.382 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

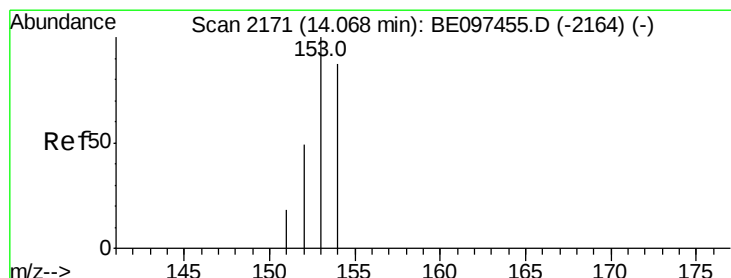
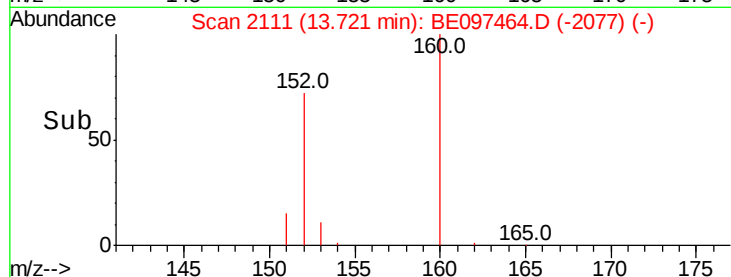
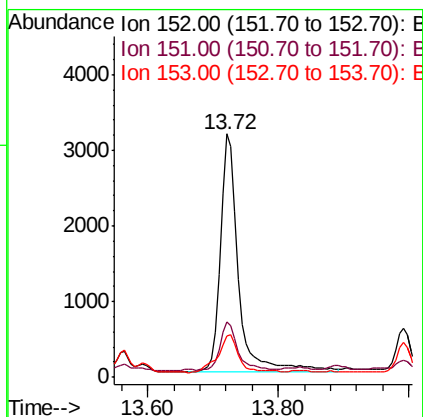
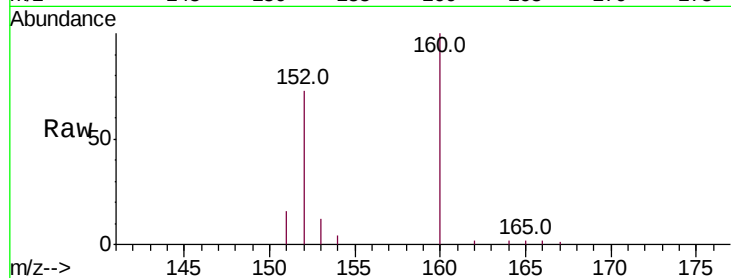
Tot Ion:152 Resp: 6080

Ion Ratio Lower Upper

152 100

151 22.6 17.1 25.7

153 16.9 12.8 19.2



#8

Acenaphthene

Concen: 0.709 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

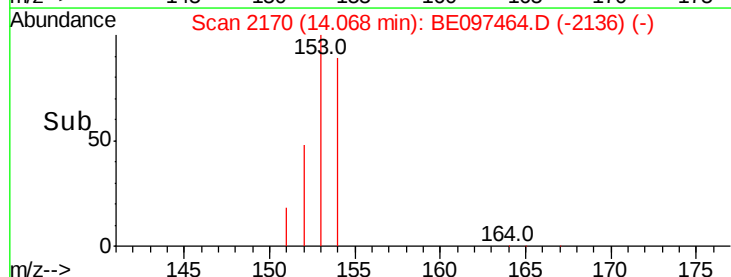
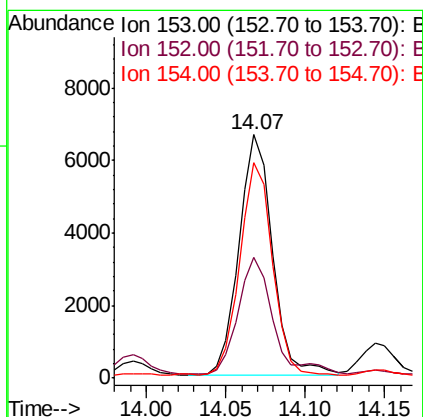
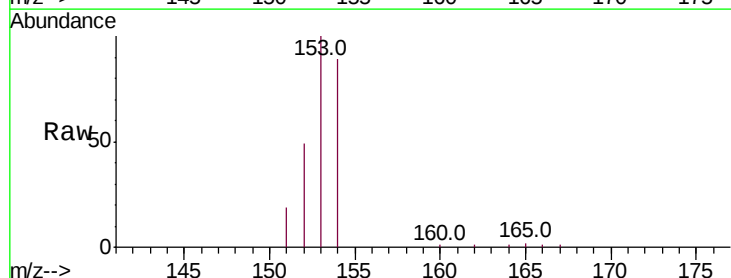
Tgt Ion:153 Resp: 9703

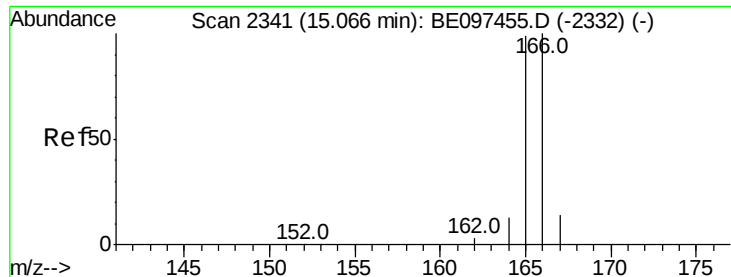
Ion Ratio Lower Upper

153 100

152 49.5 36.0 54.0

154 88.7 72.0 108.0





#9

Fluorene

Concen: 0.666 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

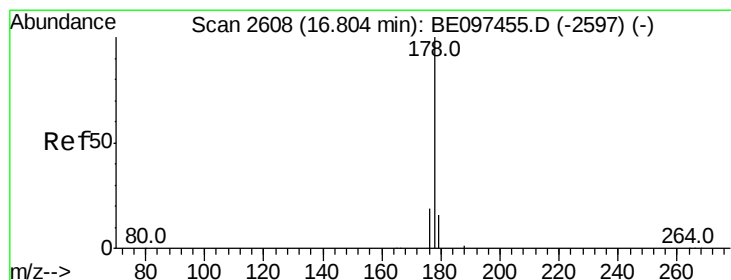
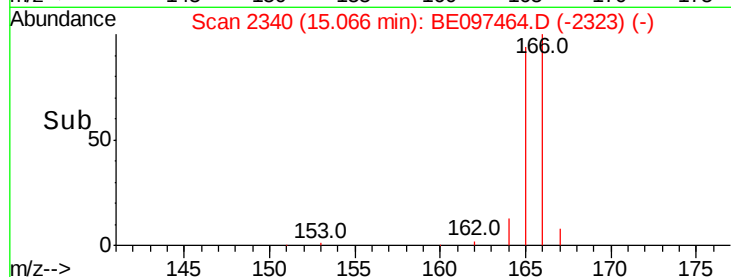
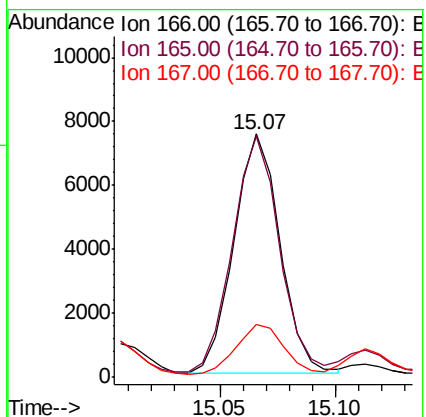
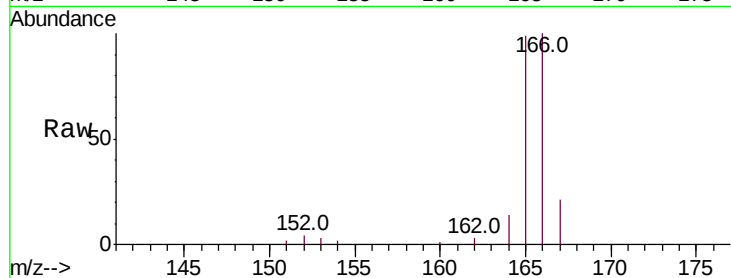
Tot Ion:166 Resp: 10437

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

167 21.5 14.6 22.0



#12

Phenanthrene

Concen: 0.044 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. 0.08 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

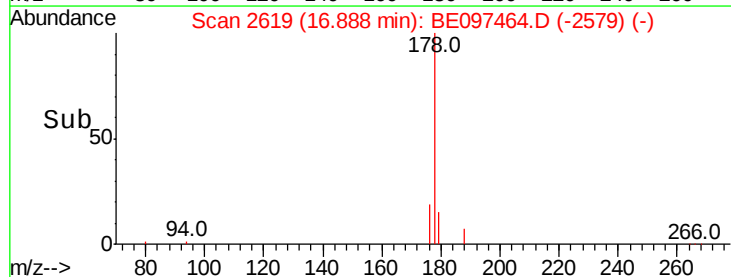
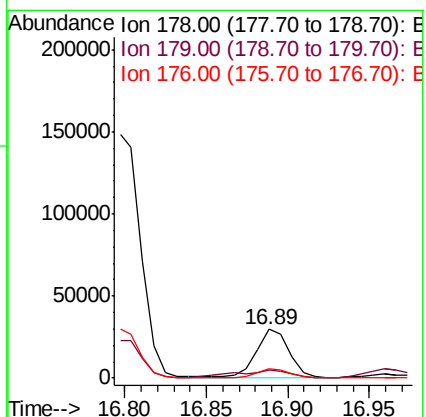
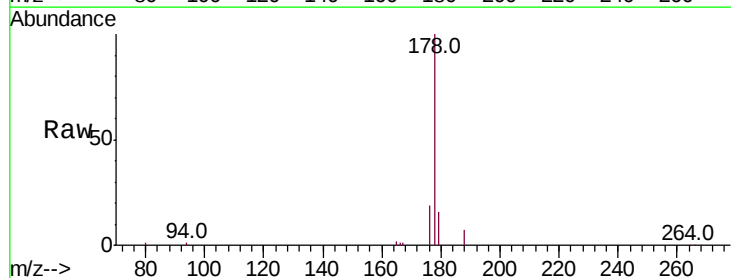
Tgt Ion:178 Resp: 40861

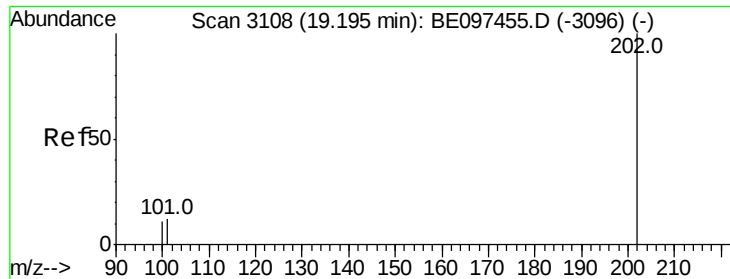
Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

176 19.4 13.6 20.4

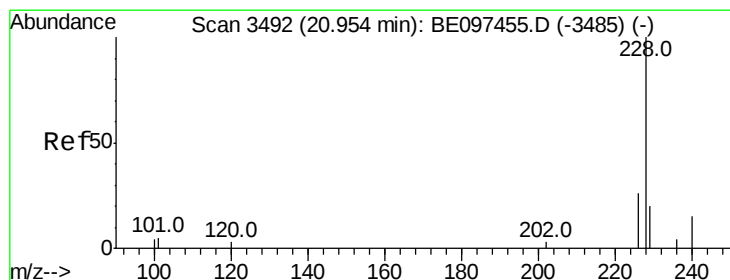
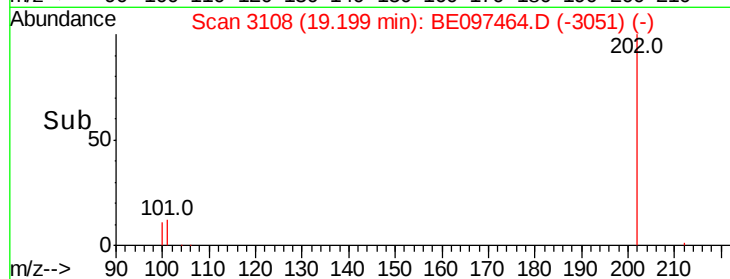
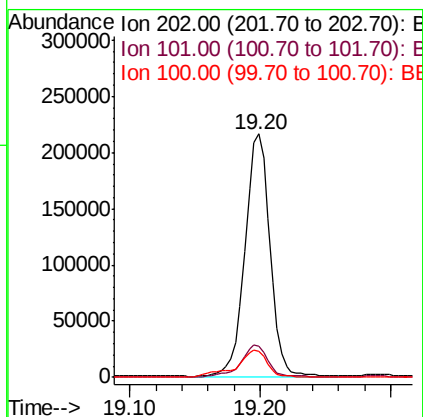
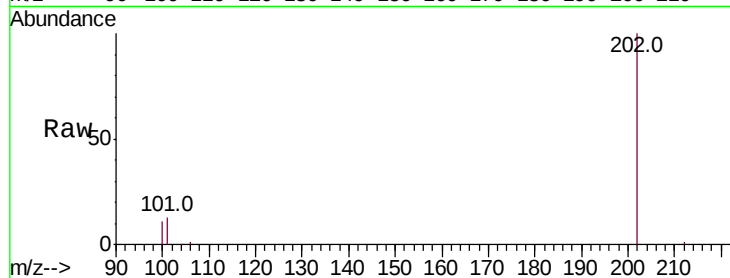




#17
Pvrene
Concen: 640.784 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

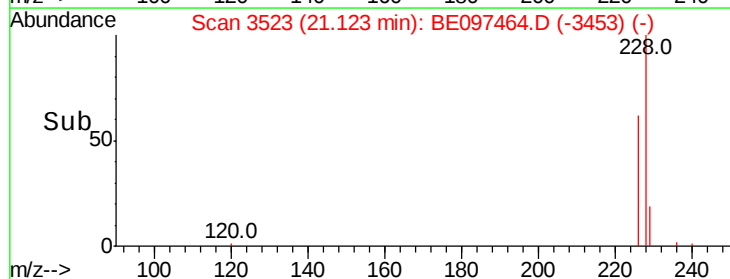
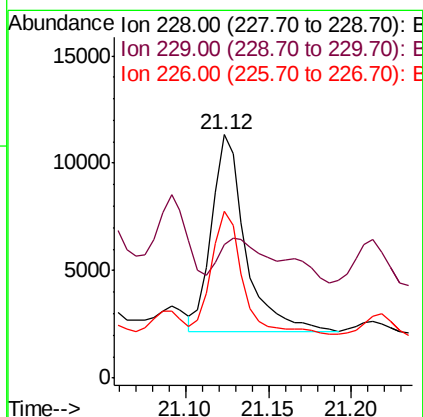
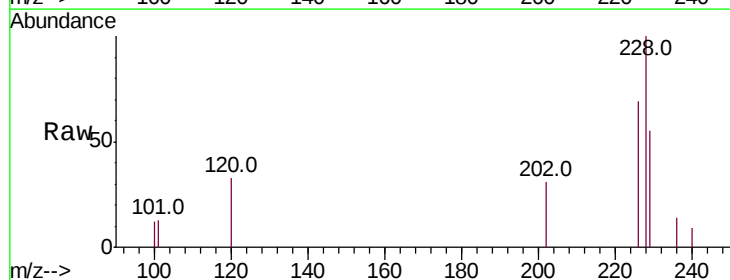
Instrument :
BNA_E
ClientSampleId :

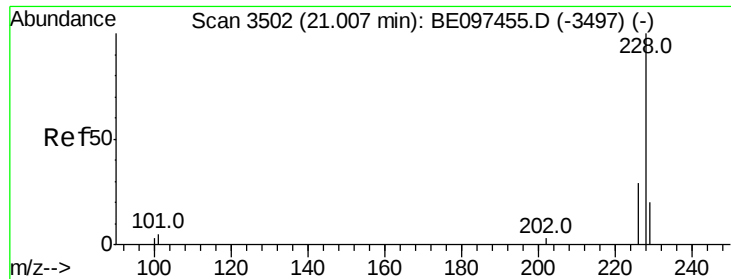
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	10.8	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 30.387 ng/ul
RT: 21.12 min Scan# 3523
Delta R.T. 0.17 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	55.0	22.8	34.2#
226	68.8	17.0	25.6#





#19

Chrysene

Concen: 402.035 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

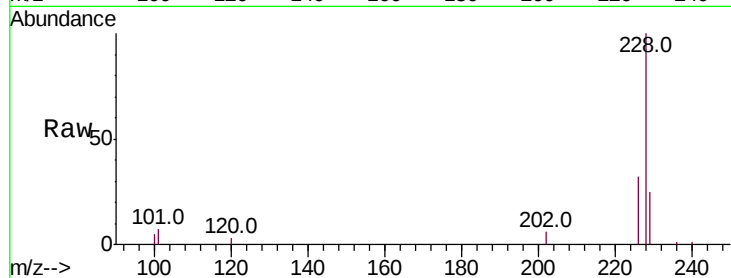
Tot Ion:228 Resp: 197524

Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

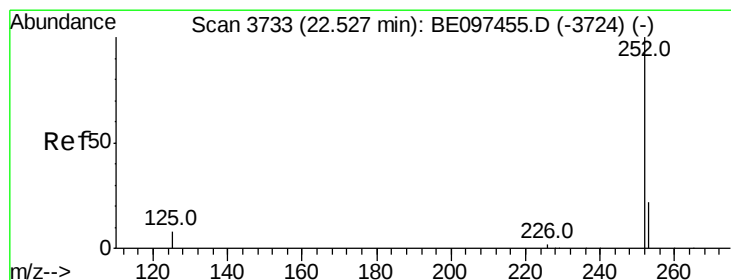
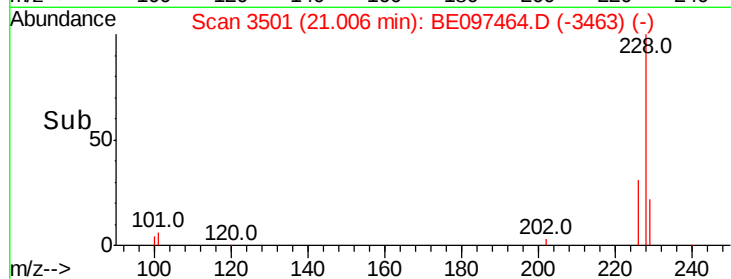
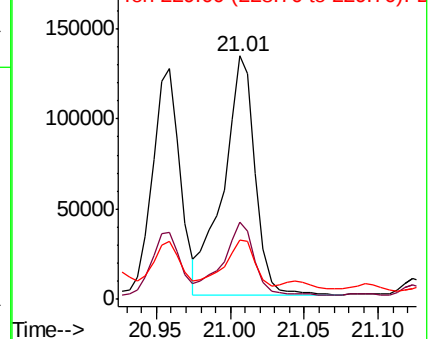
229 24.5 17.7 26.5



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: 61.001 ng/ul

RT: 22.54 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

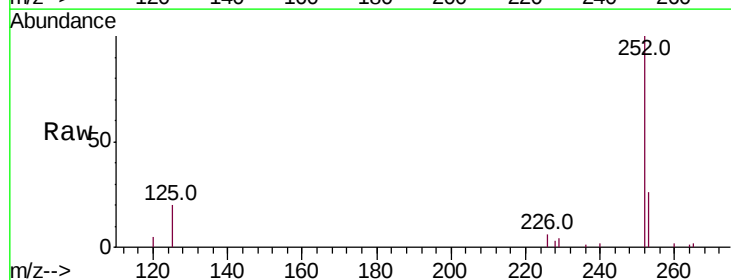
Tgt Ion:252 Resp: 256148

Ion Ratio Lower Upper

252 100

253 25.6 0.0 64.2

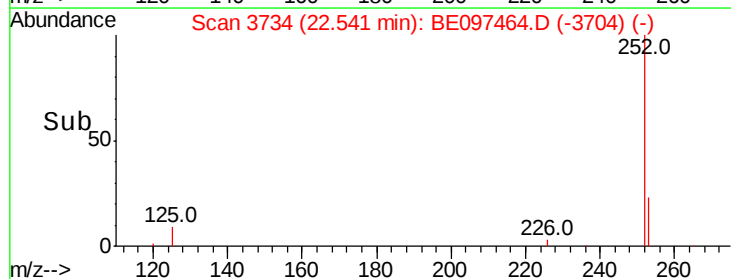
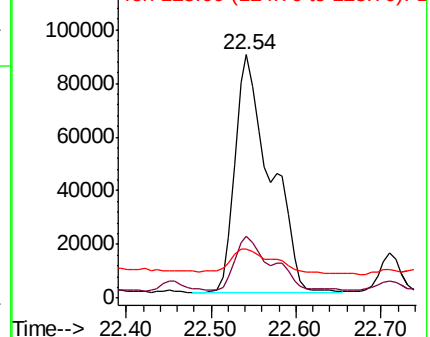
125 20.2 0.0 35.0

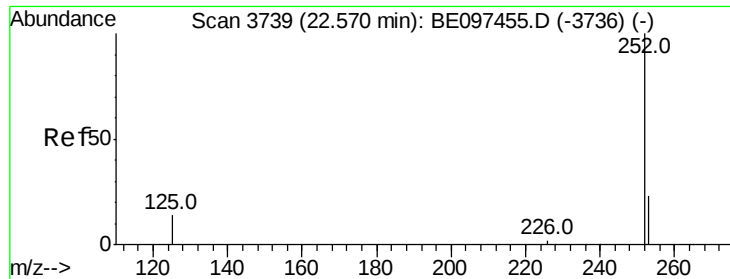


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 5.941 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.14 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

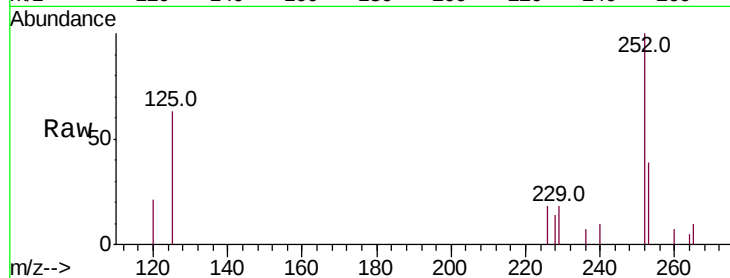
Tot Ion:252 Resp: 27819

Ion Ratio Lower Upper

252 100

253 39.3 24.5 36.7#

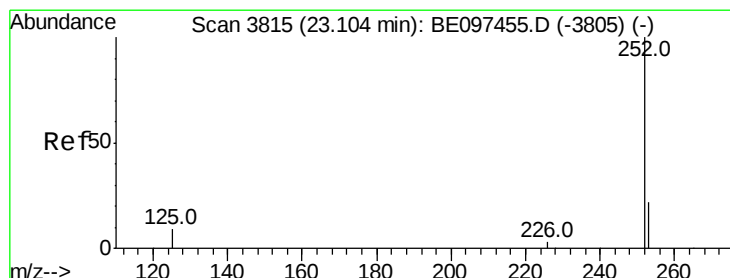
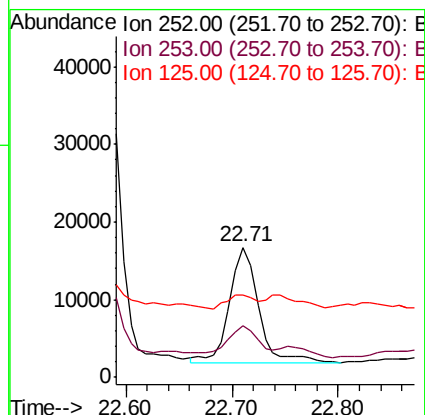
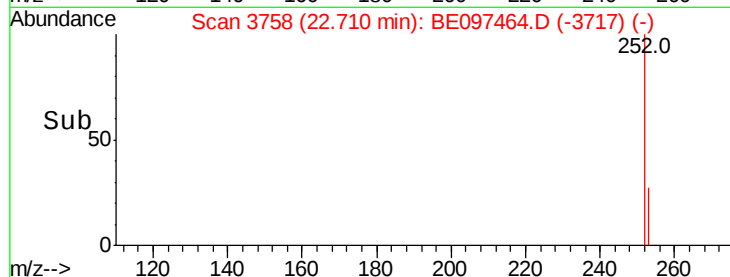
125 63.4 13.7 20.5#



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: 9.076 ng/ul

RT: 23.26 min Scan# 3836

Delta R.T. 0.15 min

Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

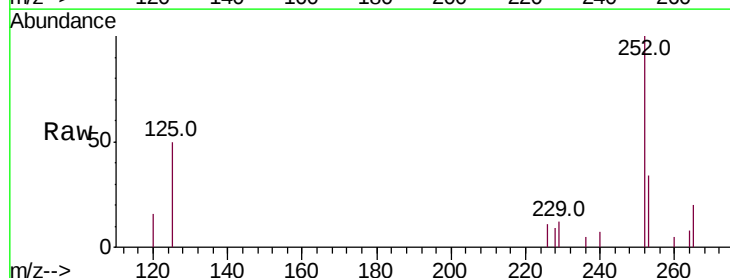
Tgt Ion:252 Resp: 35256

Ion Ratio Lower Upper

252 100

253 33.7 28.5 42.7

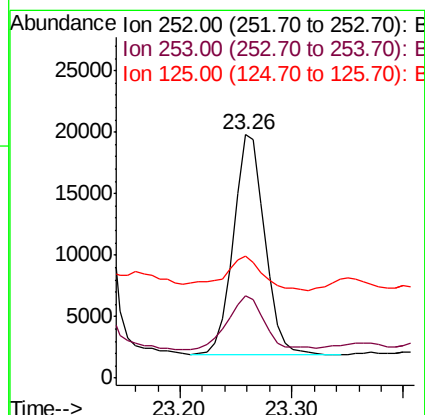
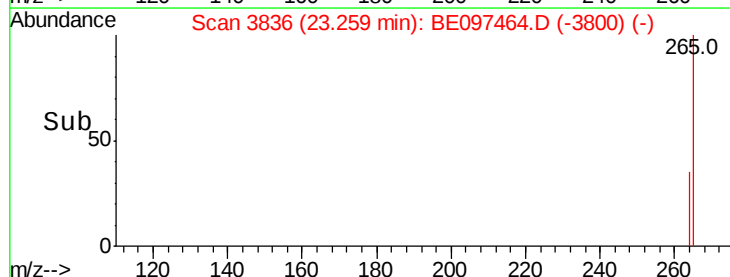
125 50.2 18.1 27.1#

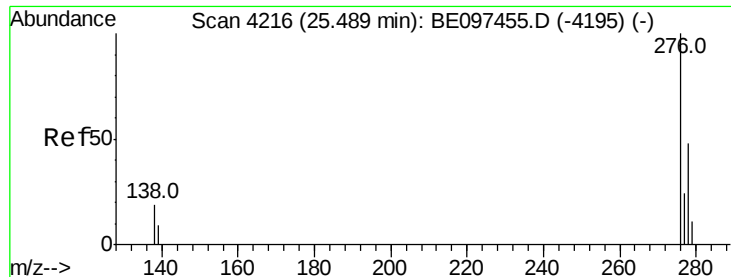


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



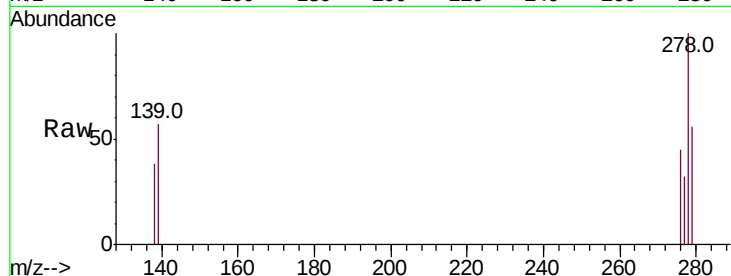


#24

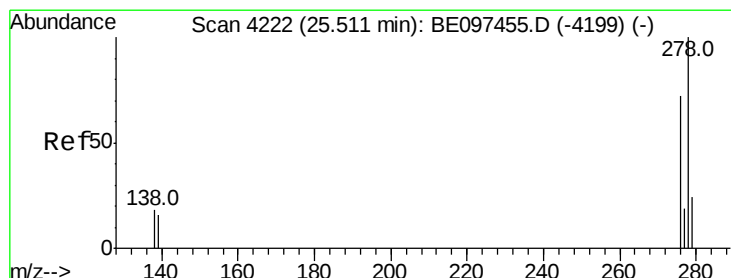
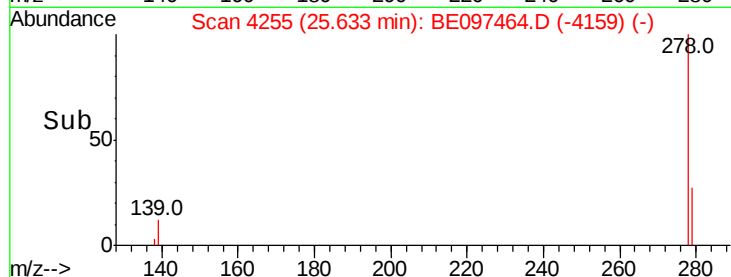
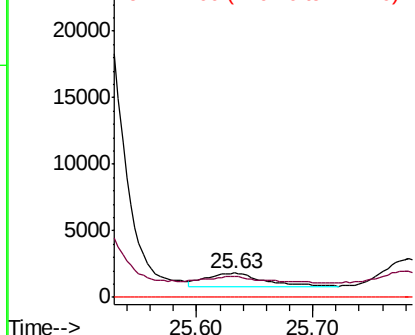
Indeno(1,2,3-cd)pyrene
Concen: 0.651 ng/ul
RT: 25.63 min Scan# 4255
Delta R.T. 0.14 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 3277
Ion Ratio Lower Upper
276 100
138 54.7 28.0 42.0#
227 0.0 8.0 12.0#



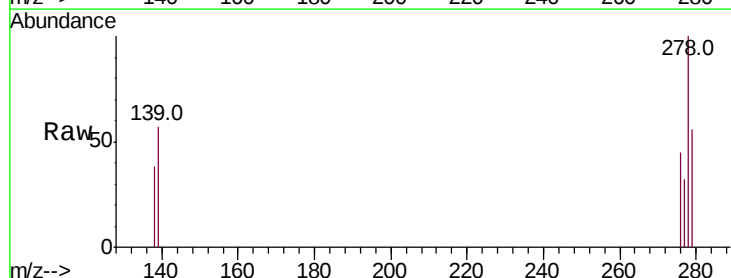
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



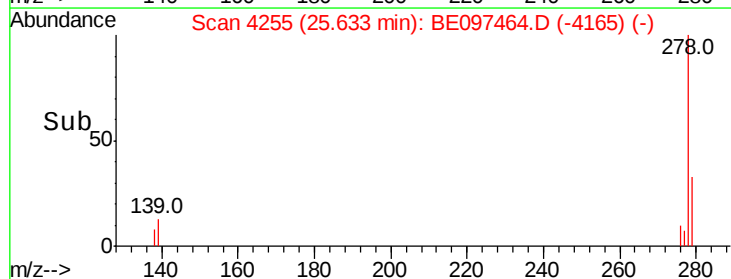
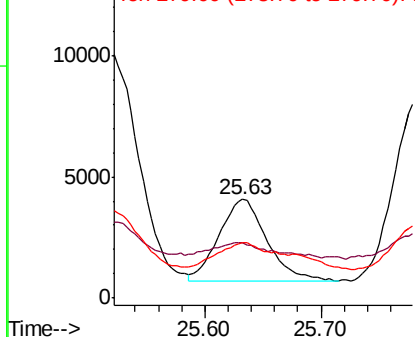
#25

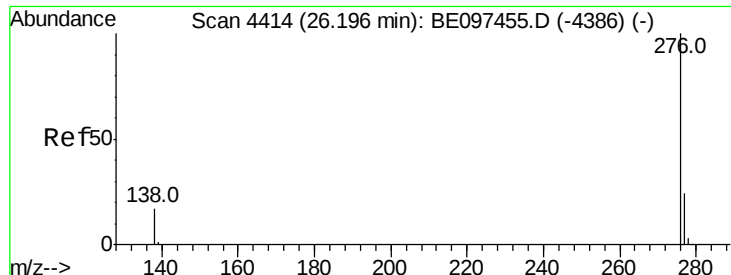
Dibenzo(a,h)anthracene
Concen: 2.225 ng/ul
RT: 25.63 min Scan# 4255
Delta R.T. 0.12 min
Lab File: BE097464.D
Acq: 12 Sep 2018 23:20

Tgt Ion:278 Resp: 9490
Ion Ratio Lower Upper
278 100
139 56.5 17.4 26.0#
279 55.9 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 21.632 ng/ul

RT: 26.21 min Scan# 4418

Delta R.T. 0.02 min

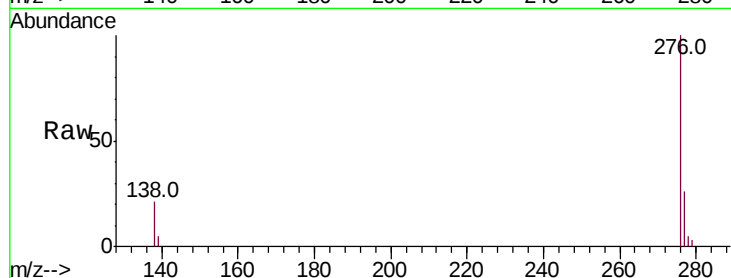
Lab File: BE097464.D

Acq: 12 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :



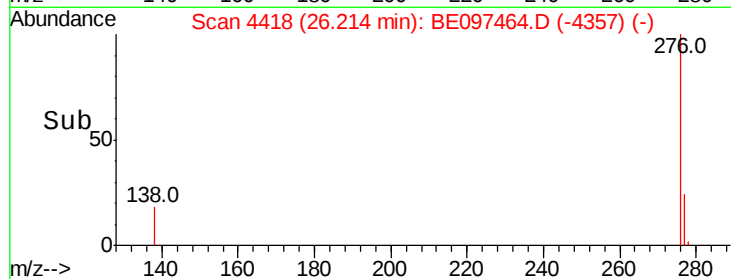
Tot Ion:276 Resp: 92855

Ion Ratio Lower Upper

276 100

138 20.9 21.8 32.8#

277 25.9 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

