

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097429.D
 Acq On : 7 Sep 2018 20:18
 Operator : SJ/JU
 Sample : J4688-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:49:50 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 : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

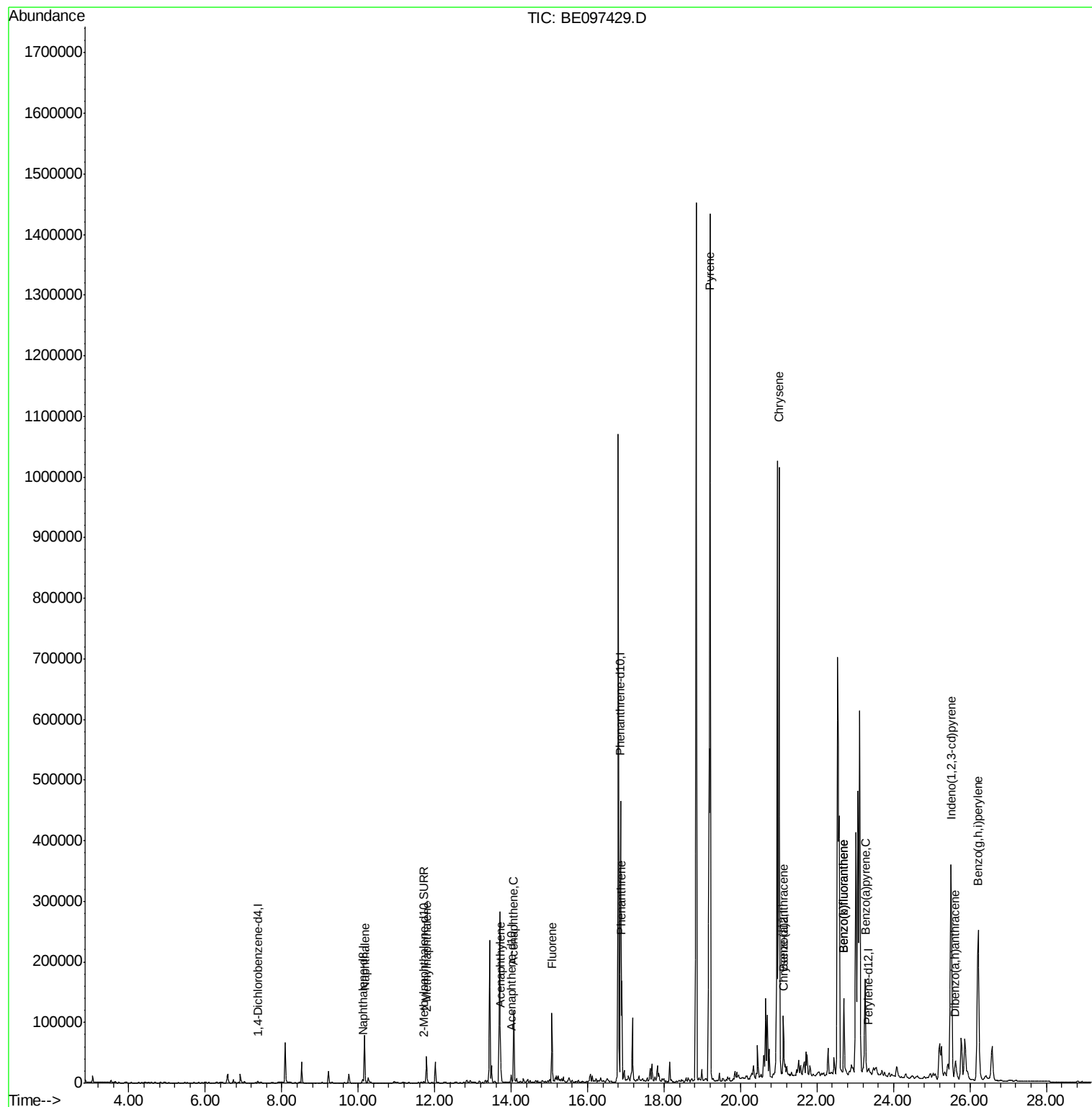
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5684	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4235	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	493779	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	497	0.40	ng/ul	0.14
20) Perylene-d12	23.33	264	3506	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2299	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	285	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	116066	8.374	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	36691	4.189	ng/ul	97
7) Acenaphthylene	13.72	152	43382	2.812	ng/ul	97
8) Acenaphthene	14.07	153	68019	5.126	ng/ul	96
9) Fluorene	15.07	166	66736	4.391	ng/ul	93
12) Phenanthrene	16.90	178	176450	0.139	ng/ul#	90
17) Pyrene	19.20	202	1523010	1138.766	ng/ul#	82
18) Benzo(a)anthracene	21.12	228	71856	56.282	ng/ul#	53
19) Chrysene	21.01	228	891443	606.023	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	161842	17.237	ng/ul	91
22) Benzo(k)fluoranthene	22.70	252	160636	15.343	ng/ul#	93
23) Benzo(a)pyrene	23.26	252	207102	23.843	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.51	276	561019	49.832	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.62	278	47507	4.980	ng/ul	96
26) Benzo(g,h,i)perylene	26.21	276	541080	56.374	ng/ul#	90

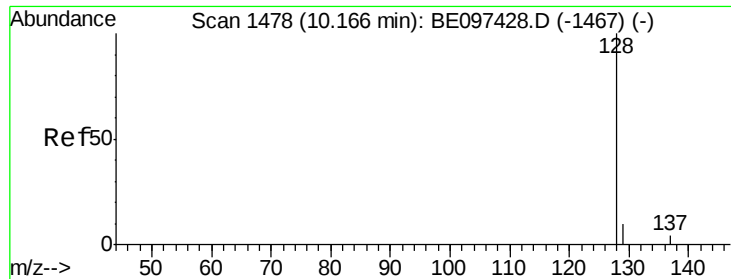
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097429.D
Acq On : 7 Sep 2018 20:18
Operator : SJ/JU
Sample : J4688-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 08 02:49:50 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 : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 8.374 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

Instrument :

BNA_E

ClientSampleId :

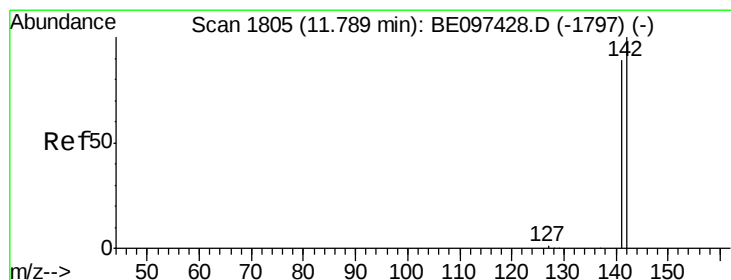
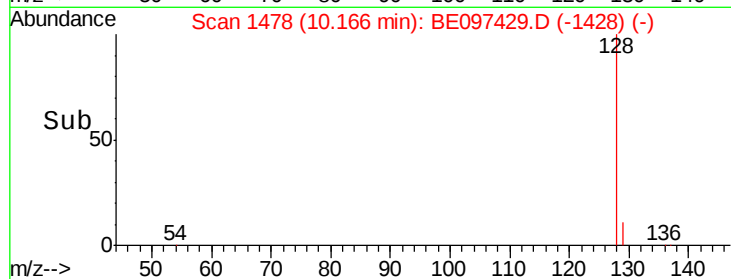
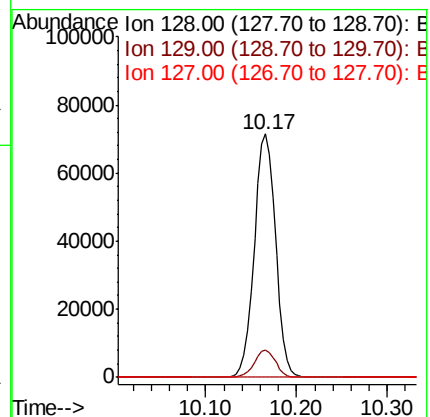
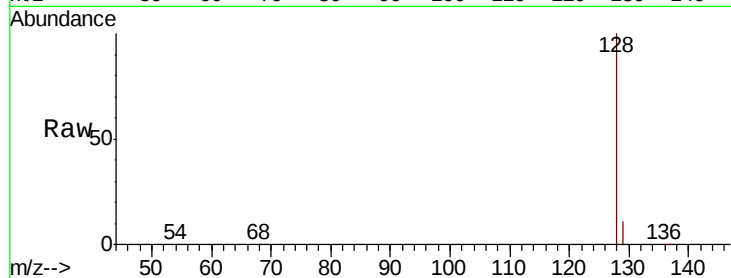
Tot Ion:128 Resp: 116066

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 4.189 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BE097429.D

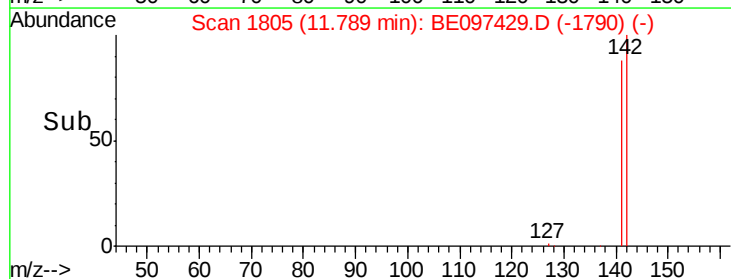
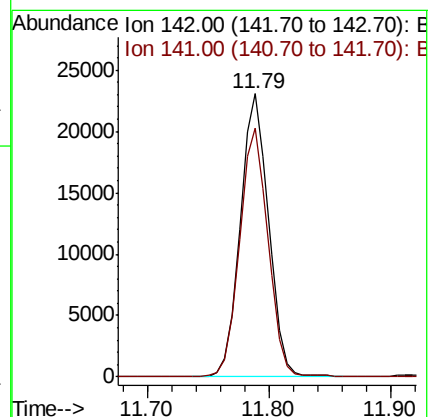
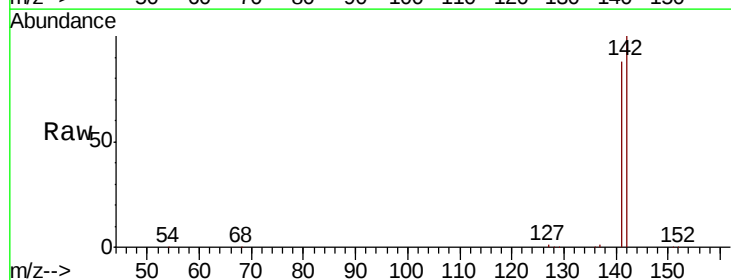
Acq: 7 Sep 2018 20:18

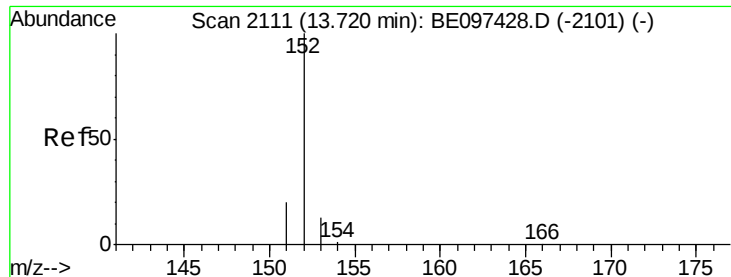
Tgt Ion:142 Resp: 36691

Ion Ratio Lower Upper

142 100

141 88.1 72.6 108.8





#7

Acenaphthylene

Concen: 2.812 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

Instrument :

BNA_E

ClientSampleId :

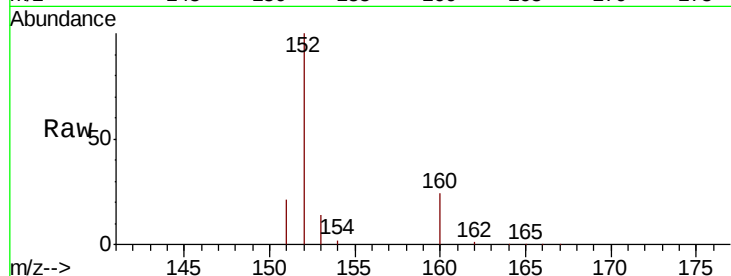
Tot Ion:152 Resp: 43382

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

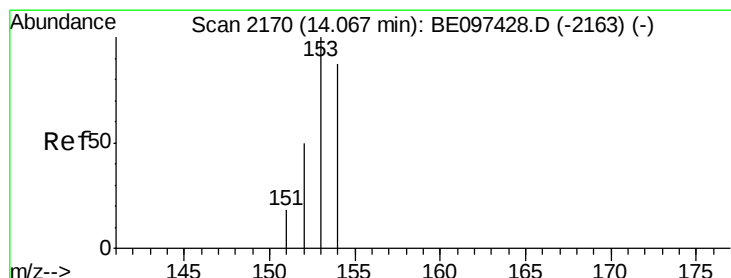
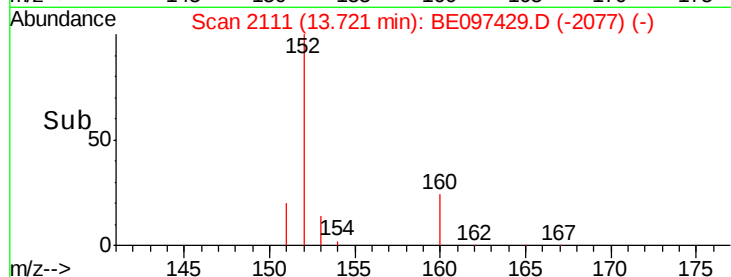
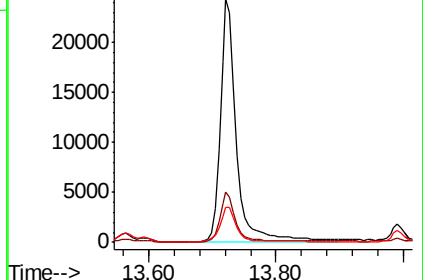
153 14.5 12.8 19.2



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



#8

Acenaphthene

Concen: 5.126 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

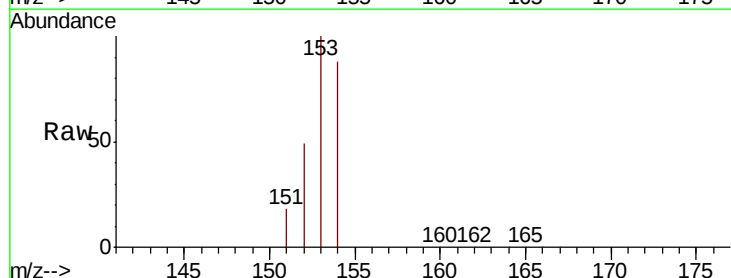
Tgt Ion:153 Resp: 68019

Ion Ratio Lower Upper

153 100

152 49.4 36.0 54.0

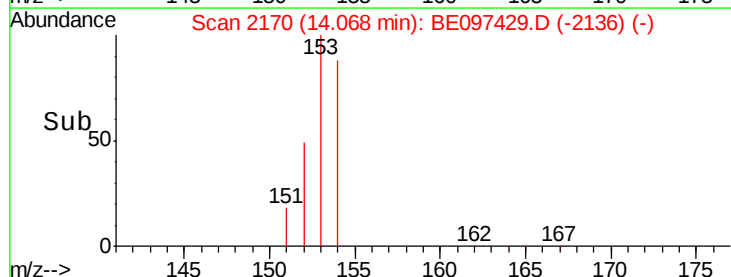
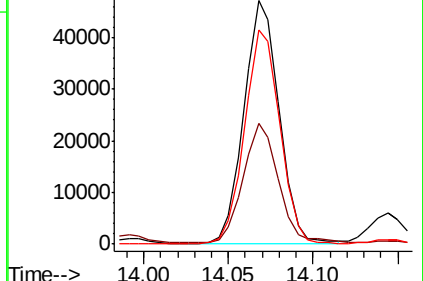
154 87.9 72.0 108.0

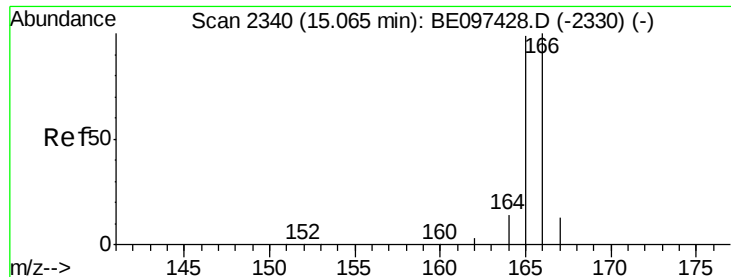


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 4.391 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

Instrument :

BNA_E

ClientSampleId :

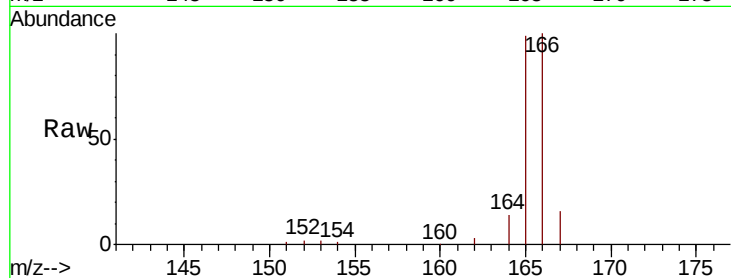
Tot Ion:166 Resp: 66736

Ion Ratio Lower Upper

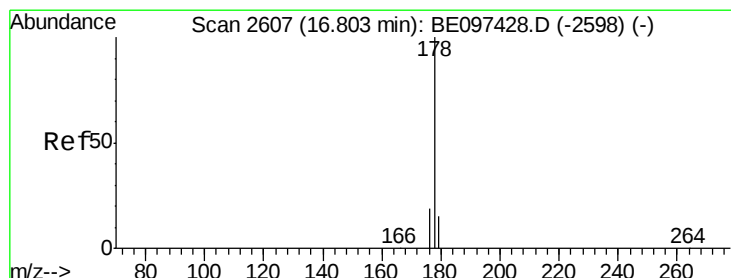
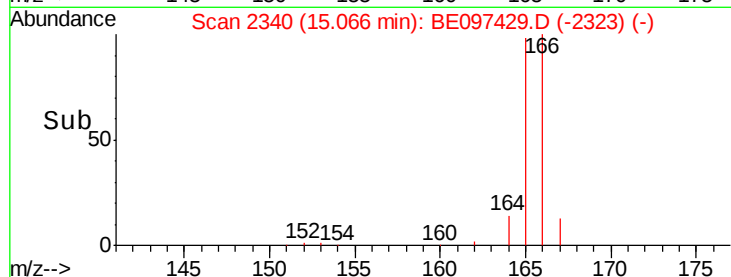
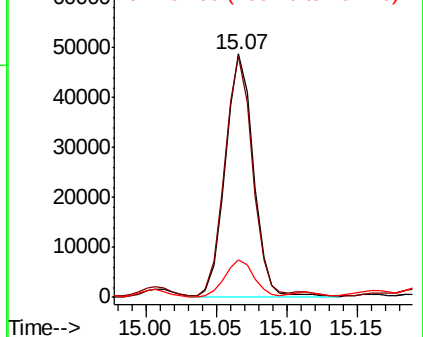
166 100

165 99.1 73.4 110.2

167 15.6 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.139 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.09 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

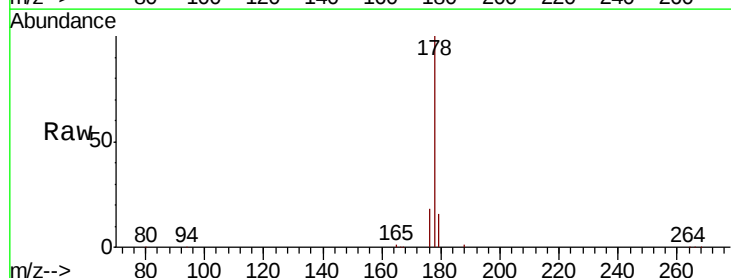
Tgt Ion:178 Resp: 176450

Ion Ratio Lower Upper

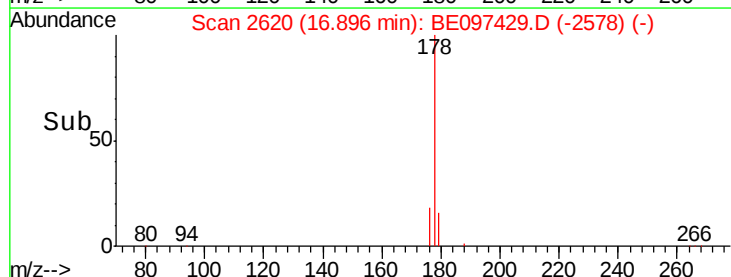
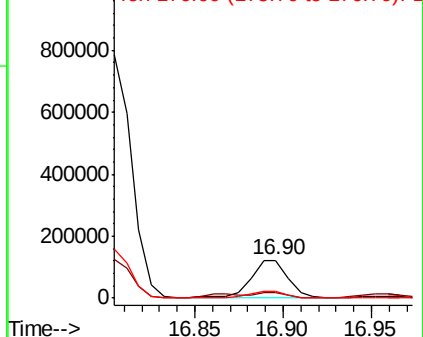
178 100

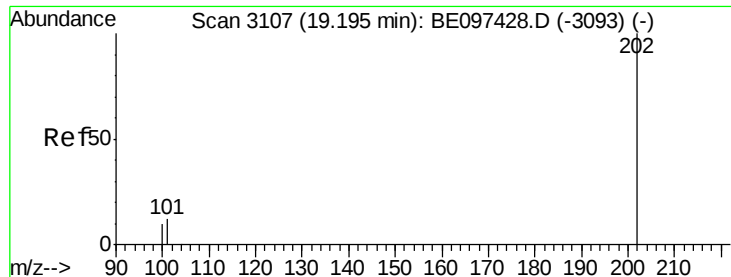
179 15.9 18.4 27.6#

176 18.3 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

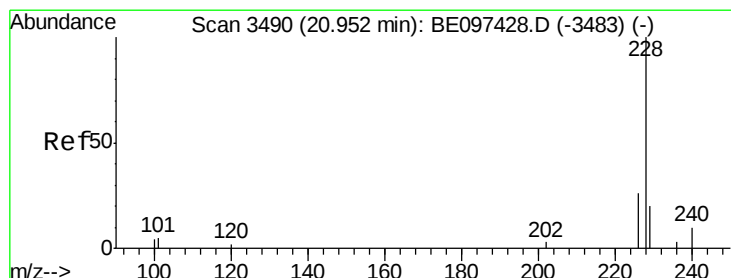
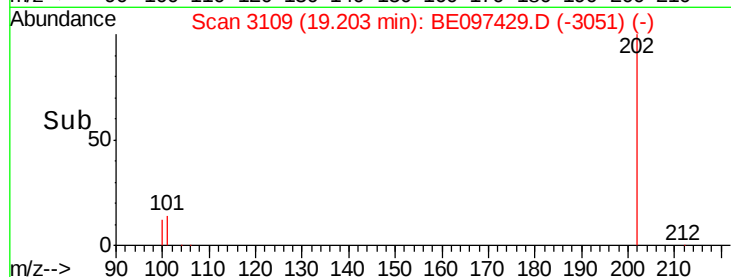
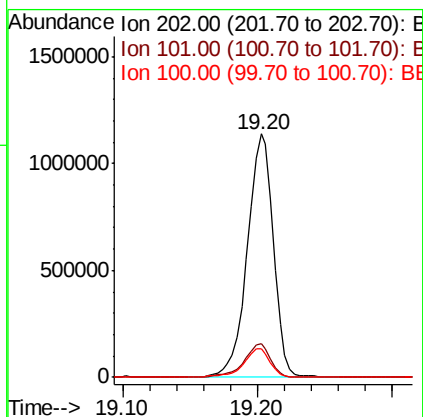
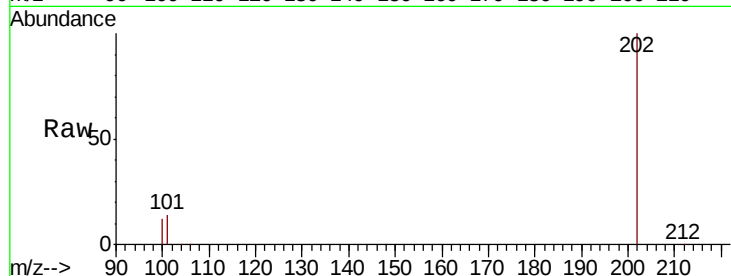




#17
Pvrene
Concen: 1138.766 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BE097429.D
Acq: 7 Sep 2018 20:18

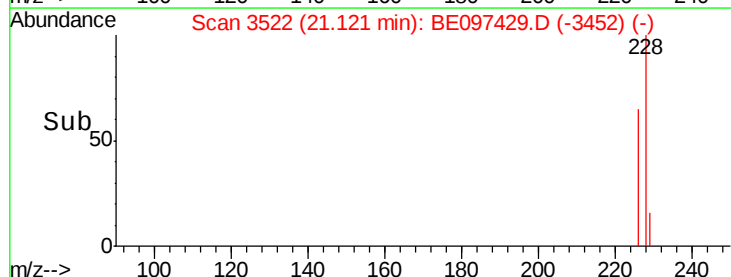
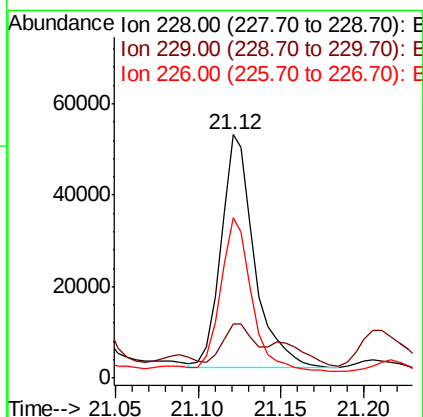
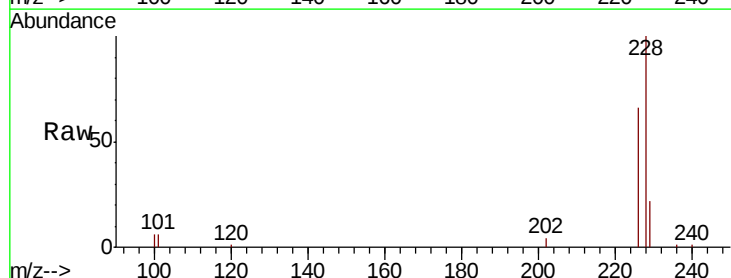
Instrument :
BNA_E
ClientSampled :

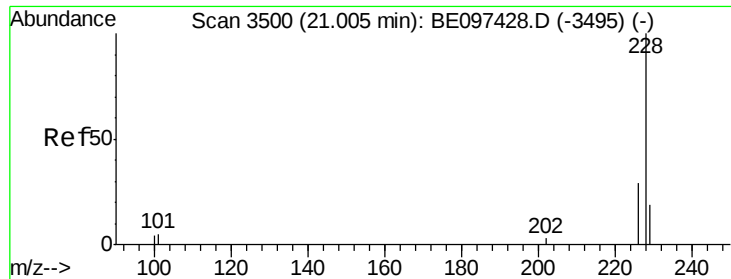
Tot Ion:202 Resp: 1523010
Ion Ratio Lower Upper
202 100
101 13.7 18.2 27.4#
100 11.8 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 56.282 ng/ul
RT: 21.12 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097429.D
Acq: 7 Sep 2018 20:18

Tgt Ion:228 Resp: 71856
Ion Ratio Lower Upper
228 100
229 22.2 22.8 34.2#
226 66.1 17.0 25.6#





#19

Chrysene

Concen: 606.023 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

Instrument :

BNA_E

ClientSampleId :

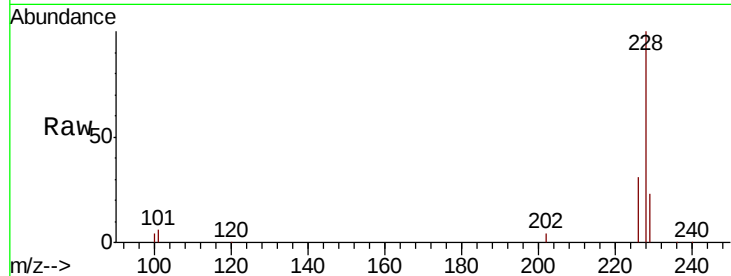
Tot Ion:228 Resp: 891443

Ion Ratio Lower Upper

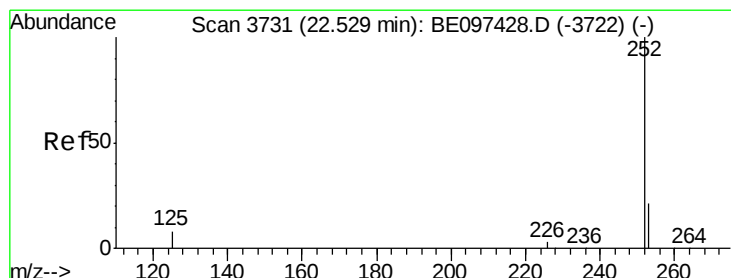
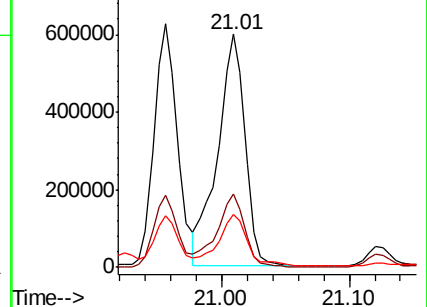
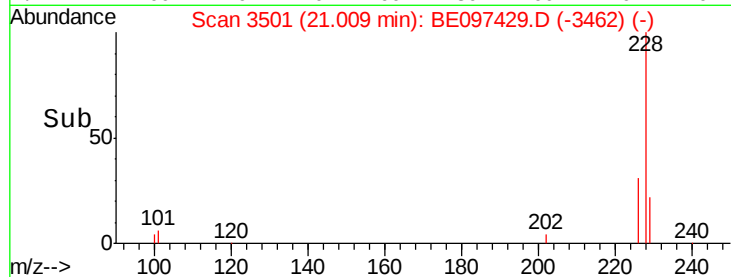
228 100

226 31.4 23.4 35.0

229 22.8 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: 17.237 ng/ul

RT: 22.70 min Scan# 3756

Delta R.T. 0.17 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

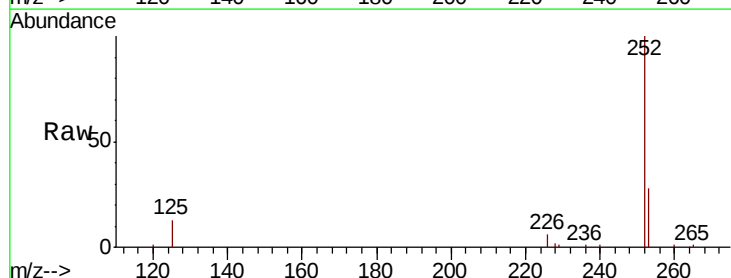
Tgt Ion:252 Resp: 161842

Ion Ratio Lower Upper

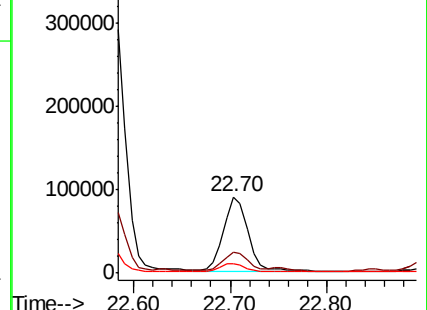
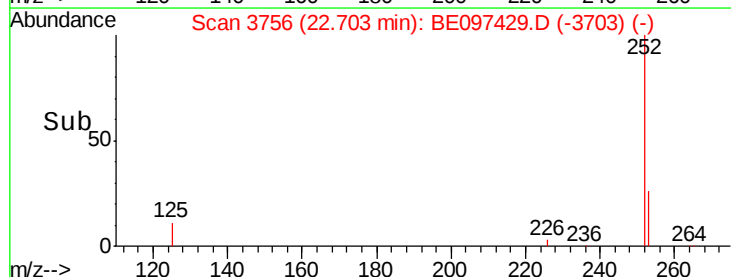
252 100

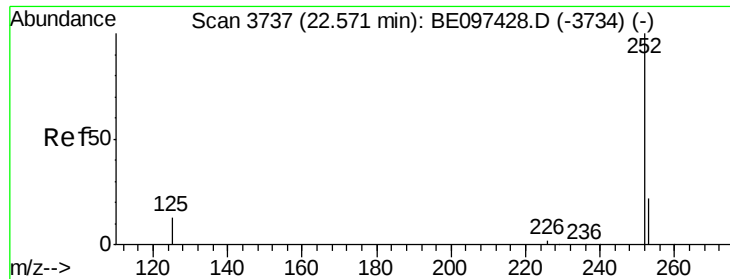
253 27.8 0.0 64.2

125 13.0 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: 15.343 ng/ul

RT: 22.70 min Scan# 3756

Delta R.T. 0.13 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

Instrument :

BNA_E

ClientSampleId :

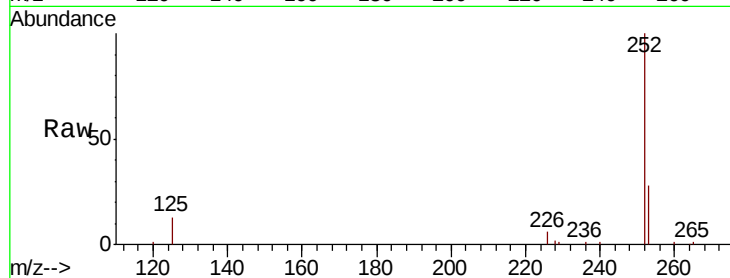
Tot Ion:252 Resp: 160636

Ion Ratio Lower Upper

252 100

253 27.8 24.5 36.7

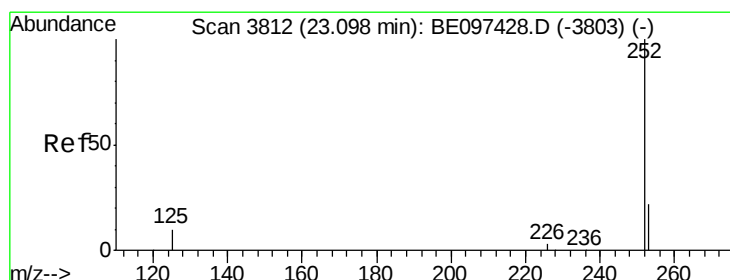
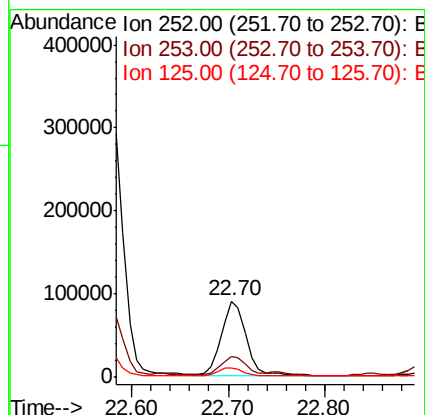
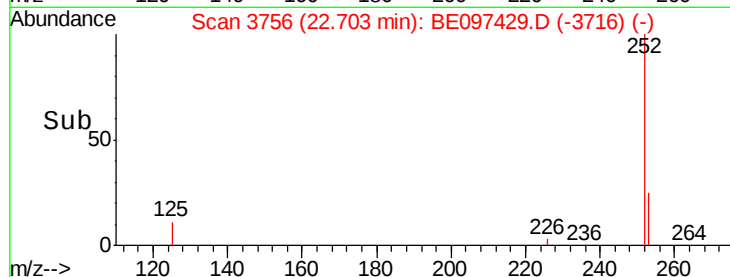
125 13.0 13.7 20.5#



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: 23.843 ng/ul

RT: 23.26 min Scan# 3835

Delta R.T. 0.16 min

Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

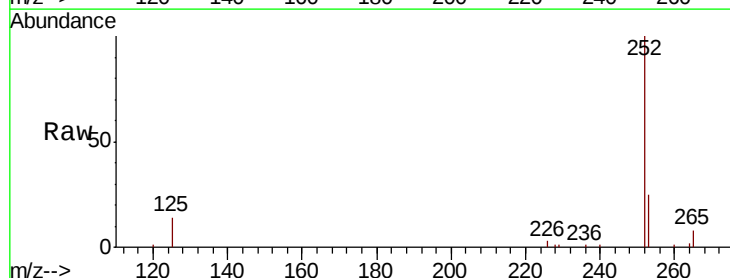
Tgt Ion:252 Resp: 207102

Ion Ratio Lower Upper

252 100

253 25.5 28.5 42.7#

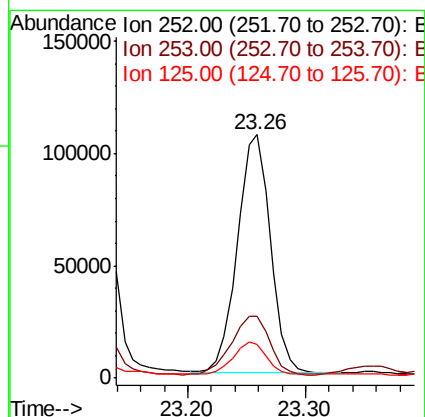
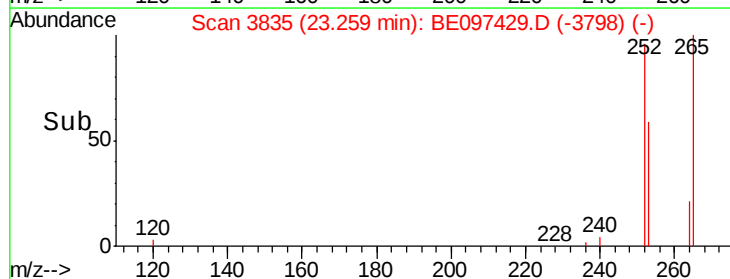
125 13.6 18.1 27.1#

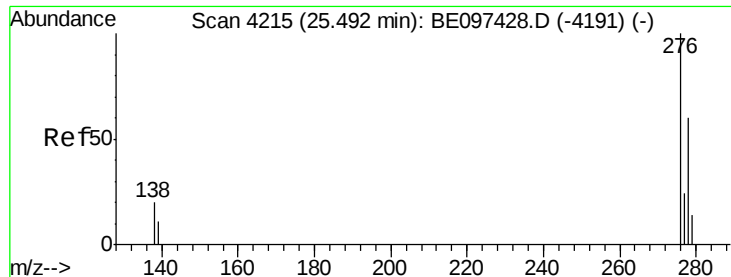


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

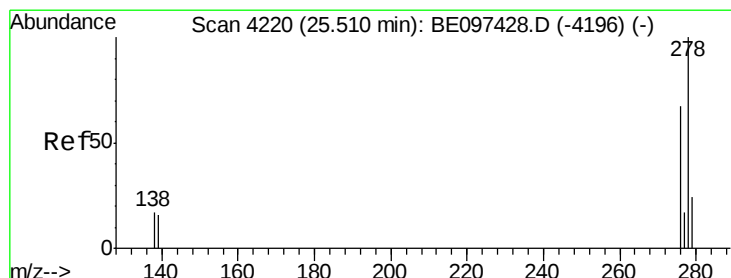
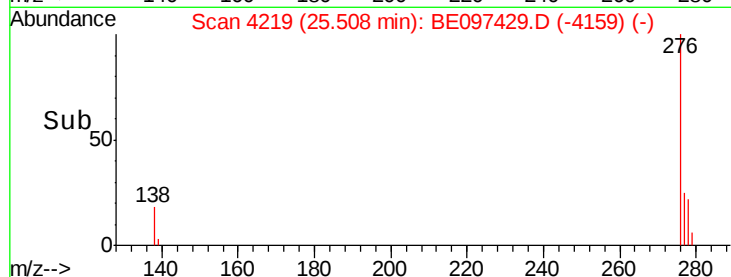
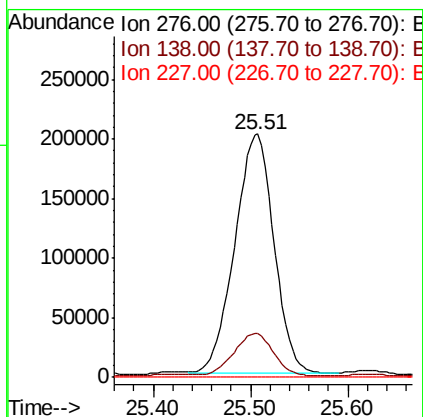
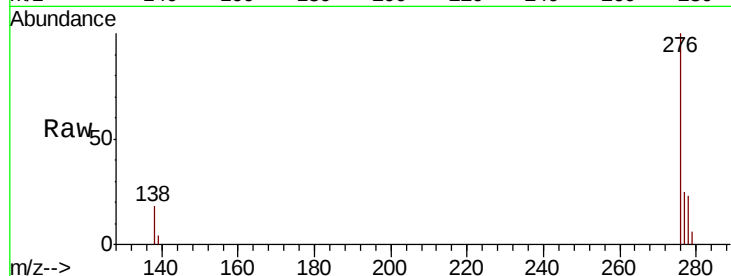




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 49.832 ng/ul
 RT: 25.51 min Scan# 4219
 Delta R.T. 0.02 min
 Lab File: BE097429.D
 Acq: 7 Sep 2018 20:18

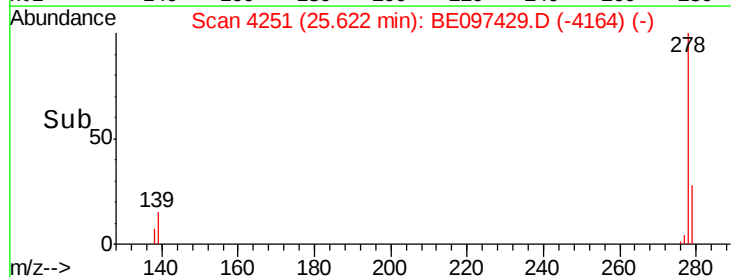
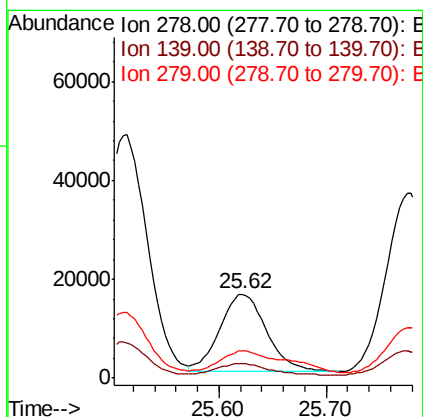
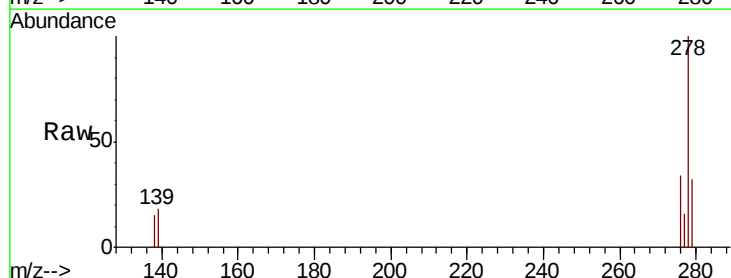
Instrument :
 BNA_E
 ClientSampleId :

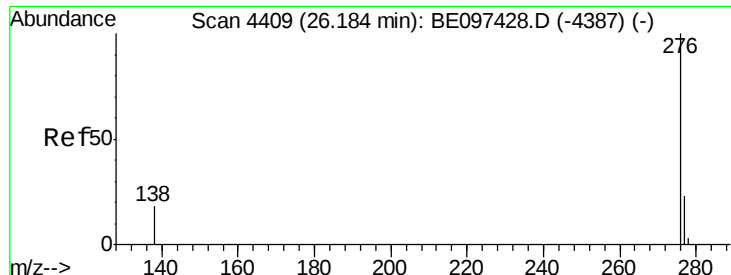
Tot Ion:276 Resp: 561019
 Ion Ratio Lower Upper
 276 100
 138 18.2 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 4.980 ng/ul
 RT: 25.62 min Scan# 4251
 Delta R.T. 0.11 min
 Lab File: BE097429.D
 Acq: 7 Sep 2018 20:18

Tgt Ion:278 Resp: 47507
 Ion Ratio Lower Upper
 278 100
 139 17.5 17.4 26.0
 279 32.2 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 56.374 ng/ul

RT: 26.21 min Scan# 4417

Delta R.T. 0.03 min

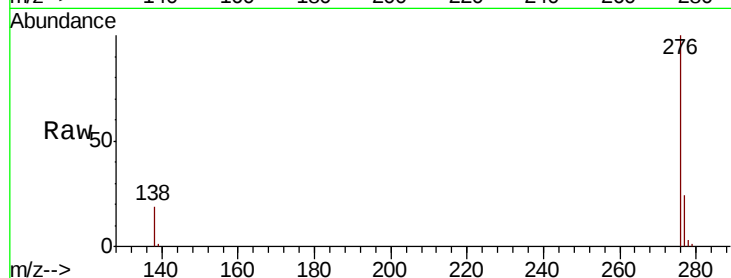
Lab File: BE097429.D

Acq: 7 Sep 2018 20:18

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 541080

Ion Ratio Lower Upper

276 100

138 18.7 21.8 32.8#

277 24.2 20.5 30.7

