

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097437.D
 Acq On : 8 Sep 2018 1:14
 Operator : SJ/JU
 Sample : J4688-06DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:50:56 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

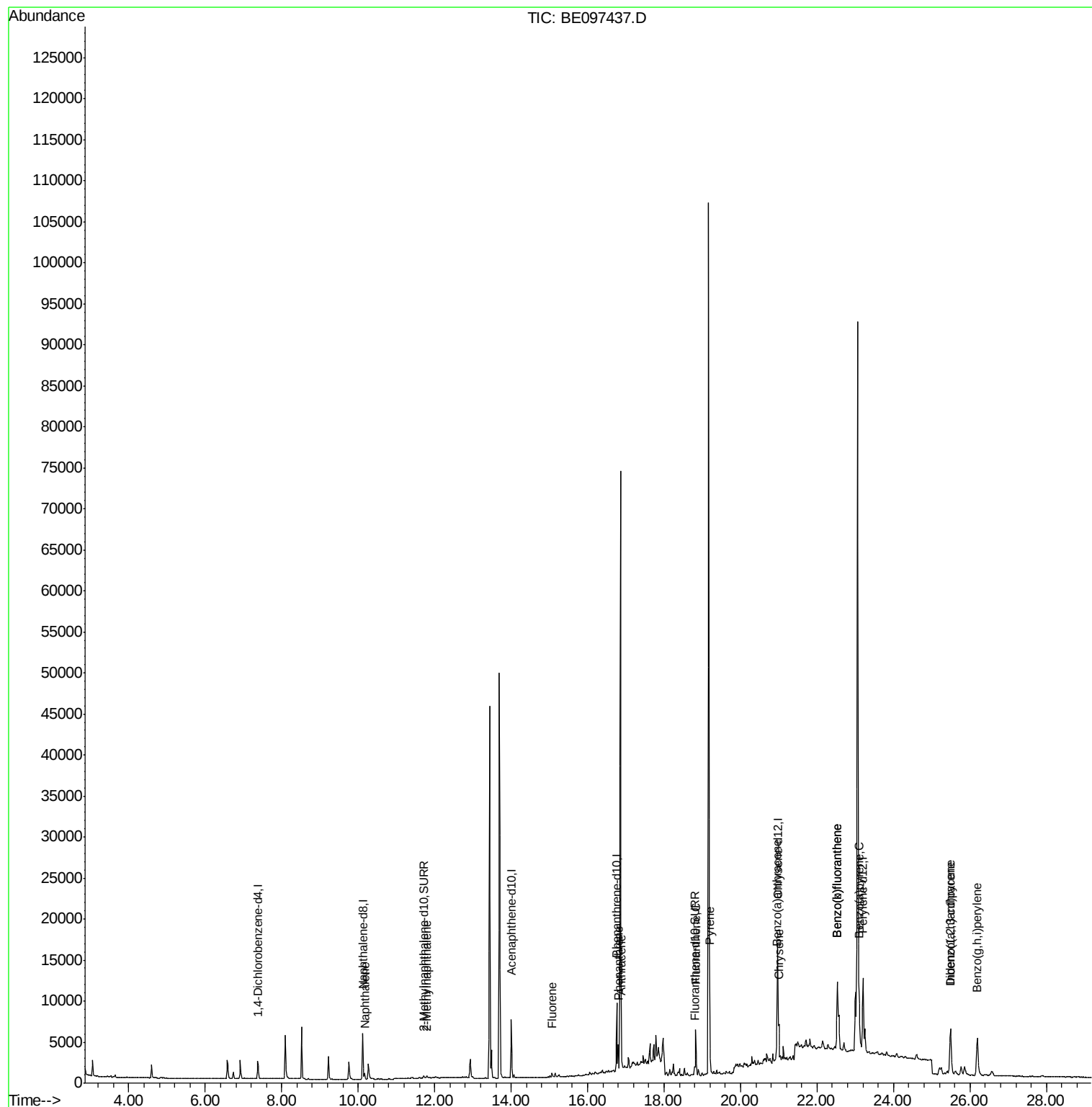
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1049	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5712	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3912	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9988	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11549	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	12138	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	429	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1413	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	1020	0.073	ng/ul#	87
5) 2-Methylnaphthalene	11.80	142	256	0.029	ng/ul	100
9) Fluorene	15.07	166	284	0.020	ng/ul#	77
12) Phenanthrene	16.80	178	3642	0.142	ng/ul#	95
13) Anthracene	16.89	178	775	0.036	ng/ul#	72
15) Fluoranthene	18.83	202	6506	0.197	ng/ul	84
17) Pyrene	19.20	202	6982	0.225	ng/ul#	82
18) Benzo(a)anthracene	20.95	228	3609	0.122	ng/ul#	78
19) Chrysene	21.00	228	5678	0.166	ng/ul#	78
21) Benzo(b)fluoranthene	22.53	252	17311	0.533	ng/ul	95
22) Benzo(k)fluoranthene	22.53	252	17311	0.478	ng/ul#	97
23) Benzo(a)pyrene	23.10	252	10026	0.333	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	9516	0.244	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.50	278	2268	0.069	ng/ul#	61
26) Benzo(g,h,i)perylene	26.19	276	10270	0.309	ng/ul#	93

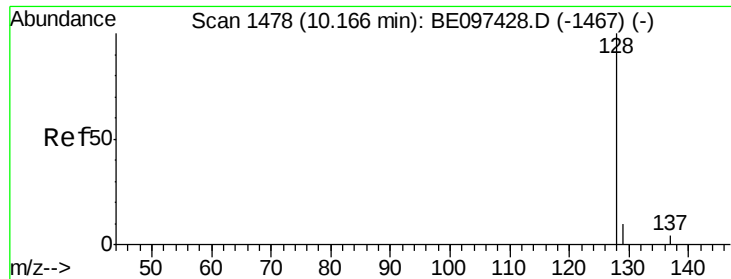
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:50:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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#3

Naphthalene

Concen: 0.073 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

Instrument :

BNA_E

ClientSampleId :

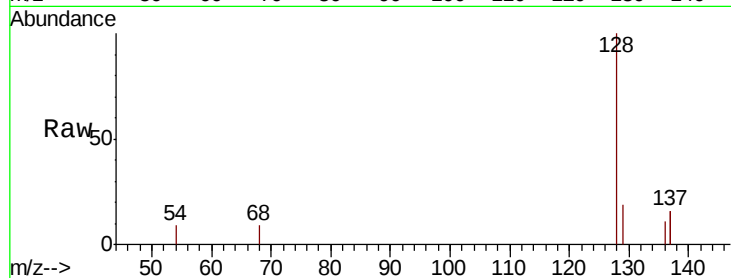
Tot Ion:128 Resp: 1020

Ion Ratio Lower Upper

128 100

129 19.1 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

10.17

800

600

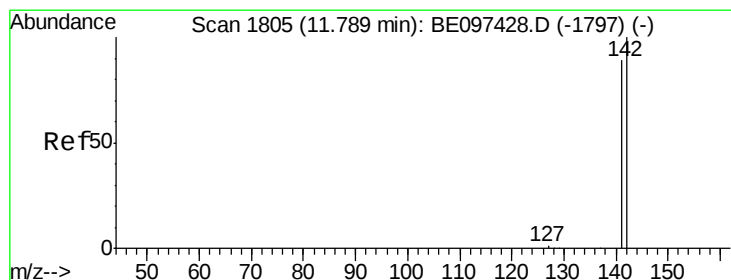
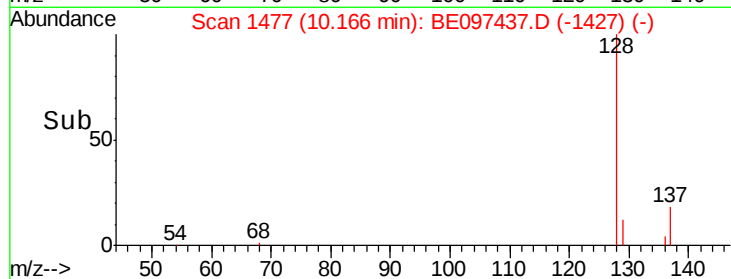
400

200

0

Time-->

10.10 10.15 10.20



#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BE097437.D

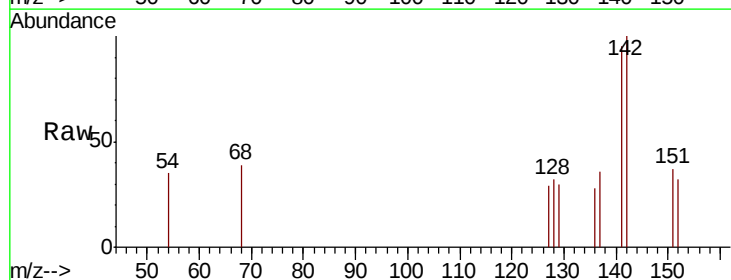
Acq: 8 Sep 2018 1:14

Tgt Ion:142 Resp: 256

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.80

200

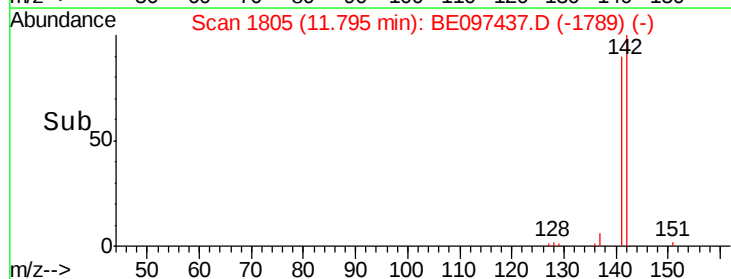
150

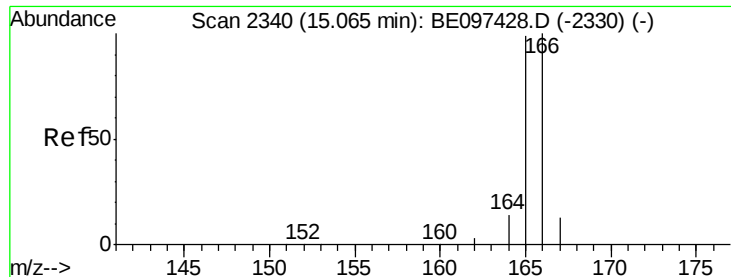
100

50

Time-->

11.70 11.80





#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

Instrument :

BNA_E

ClientSampleId :

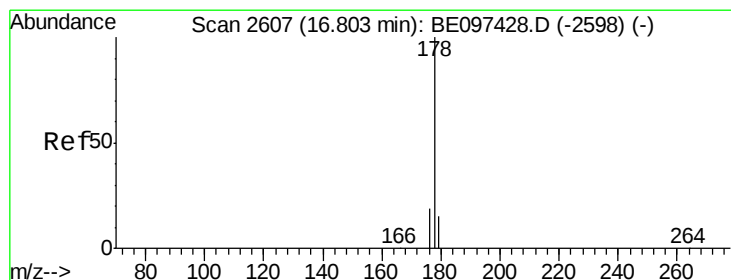
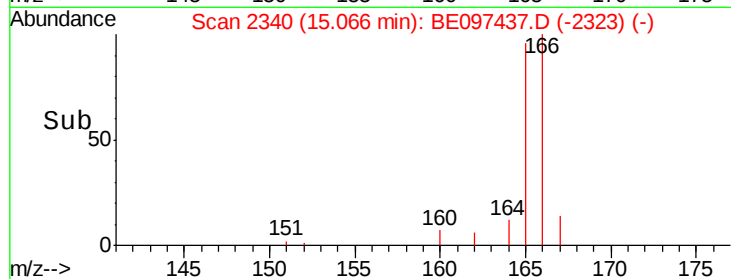
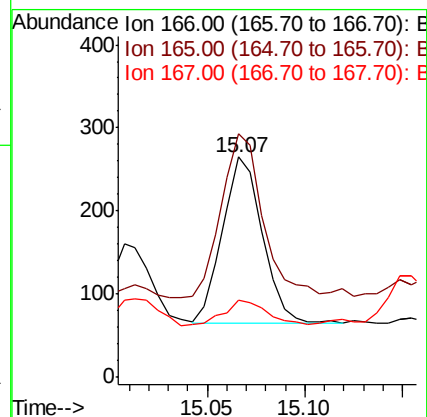
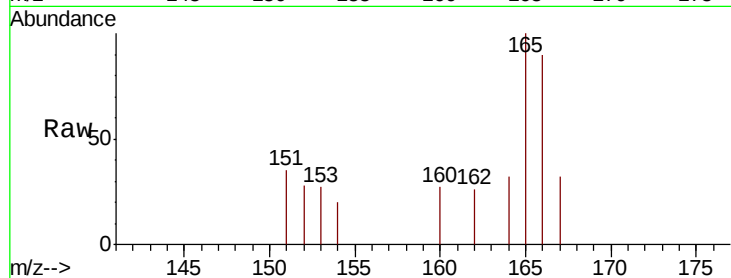
Tot Ion:166 Resp: 284

Ion Ratio Lower Upper

166 100

165 110.6 73.4 110.2#

167 35.1 14.6 22.0#



#12

Phenanthrene

Concen: 0.142 ng/ul

RT: 16.80 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

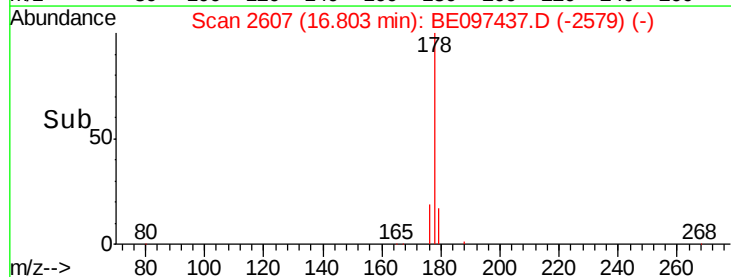
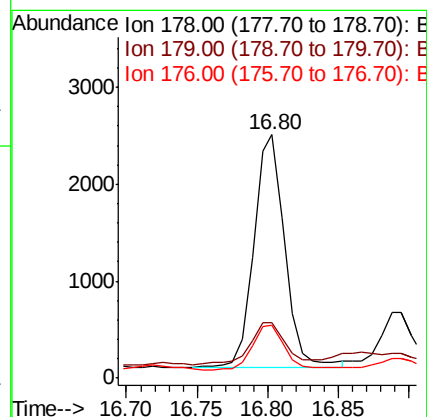
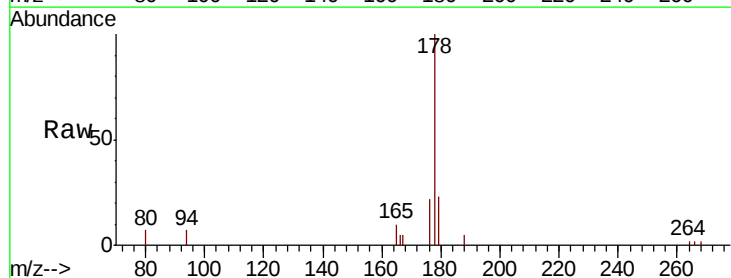
Tgt Ion:178 Resp: 3642

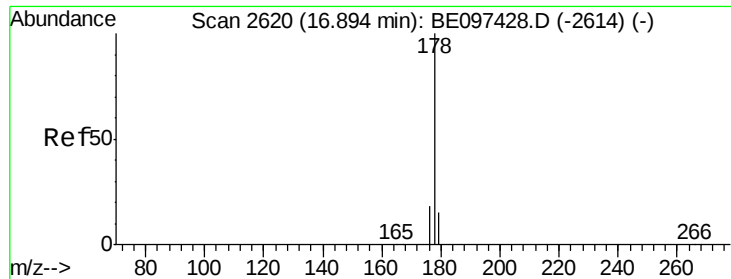
Ion Ratio Lower Upper

178 100

179 22.8 18.4 27.6

176 21.8 13.6 20.4#





#13

Anthracene

Concen: 0.036 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

Instrument :

BNA_E

ClientSampleId :

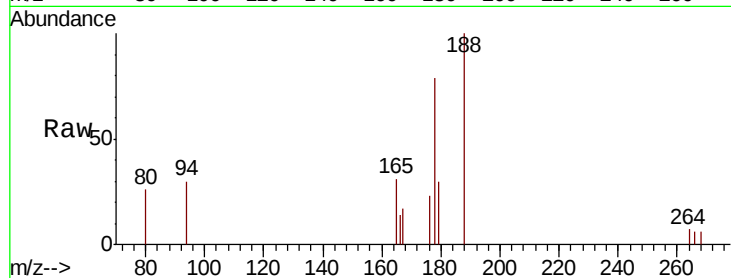
Tot Ion:178 Resp: 775

Ion Ratio Lower Upper

178 100

179 38.1 18.1 27.1#

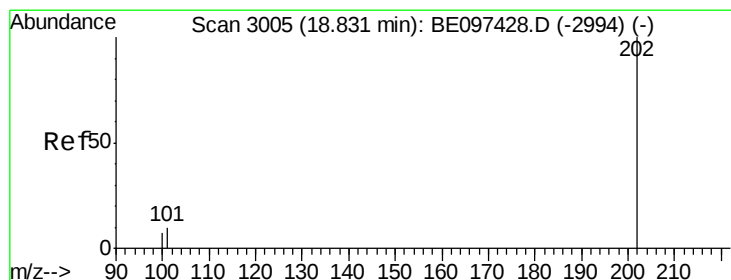
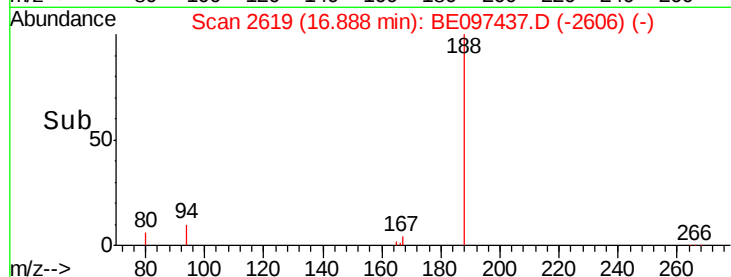
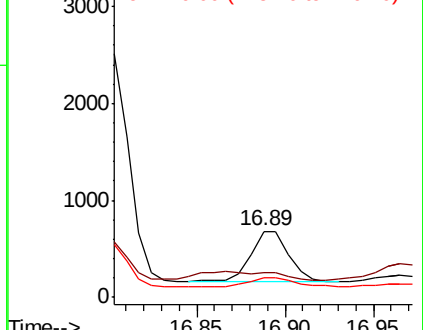
176 29.0 14.7 22.1#



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



#15

Fluoranthene

Concen: 0.197 ng/ul

RT: 18.83 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

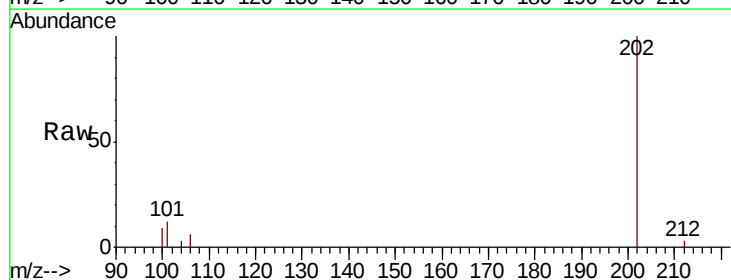
Tgt Ion:202 Resp: 6506

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

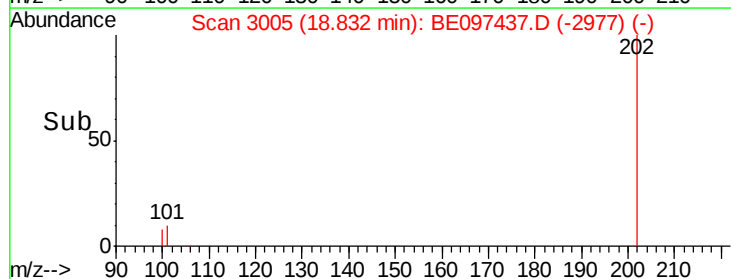
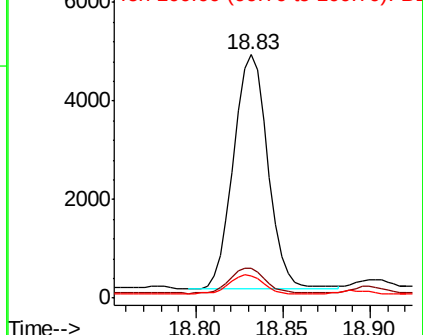
100 9.2 0.0 39.5

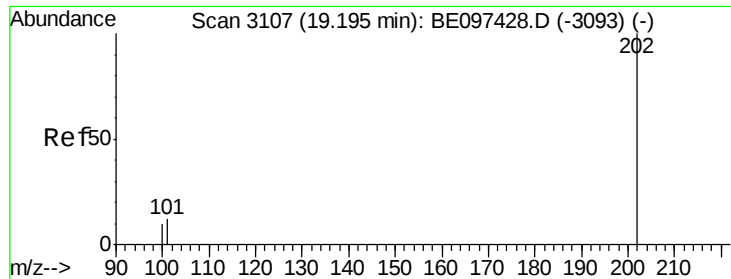


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

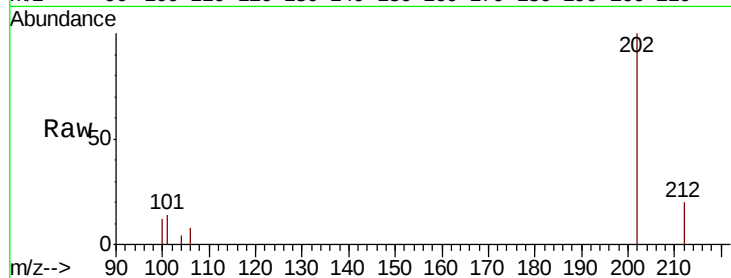




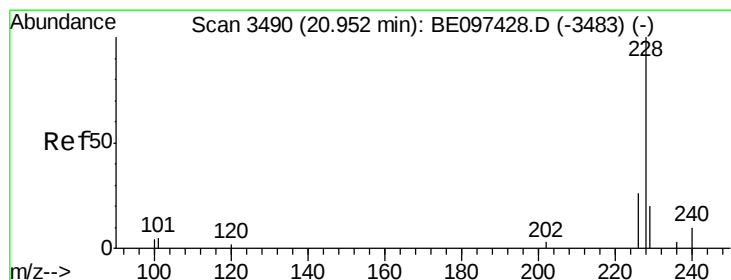
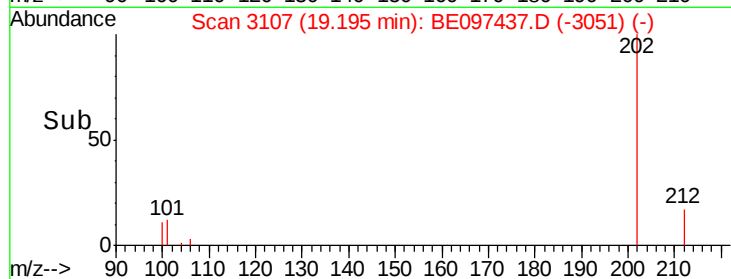
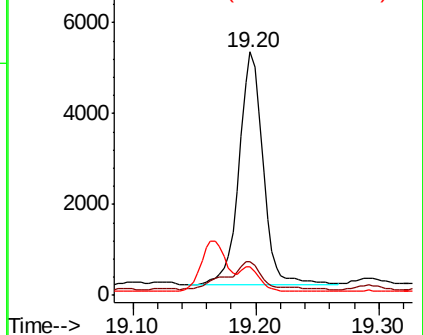
#17
Pvrene
Concen: 0.225 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 6982
Ion Ratio Lower Upper
202 100
101 13.9 18.2 27.4#
100 11.9 15.6 23.4#

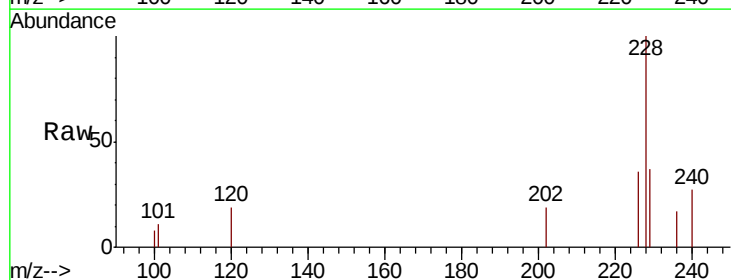


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

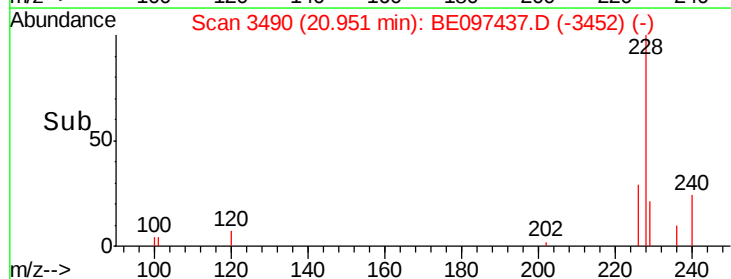
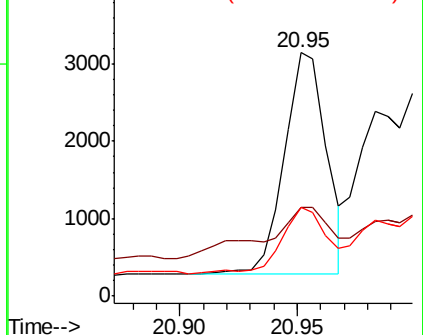


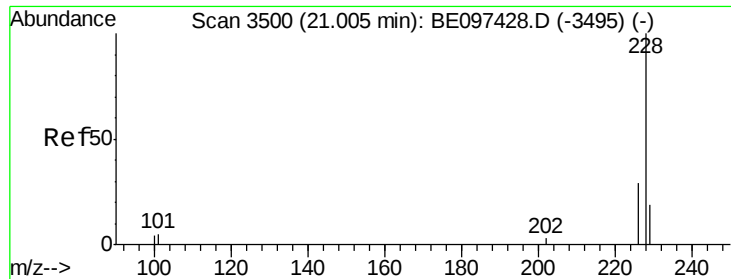
#18
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097437.D
Acq: 8 Sep 2018 1:14

Tgt Ion:228 Resp: 3609
Ion Ratio Lower Upper
228 100
229 36.6 22.8 34.2#
226 36.3 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: 0.166 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

Instrument :

BNA_E

ClientSampleId :

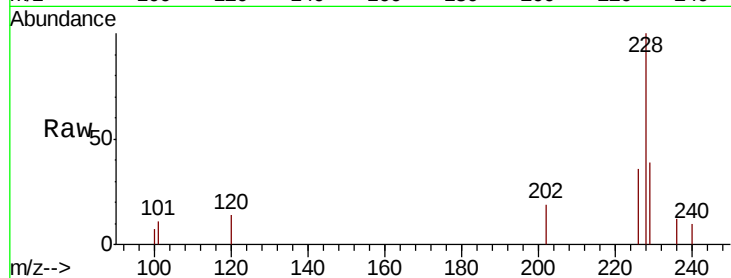
Tot Ion:228 Resp: 5678

Ion Ratio Lower Upper

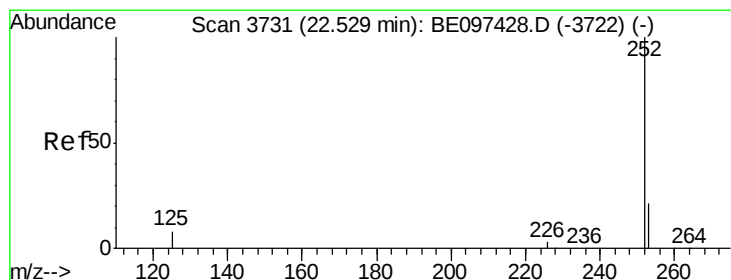
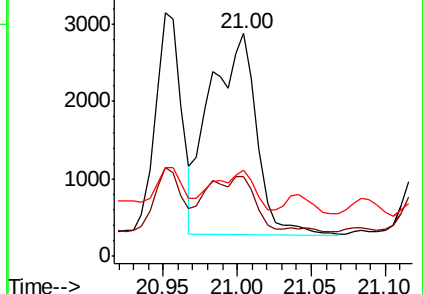
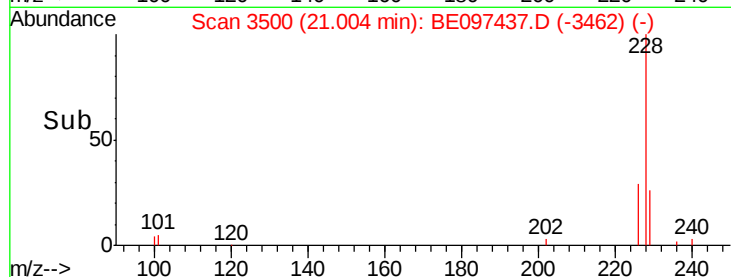
228 100

226 36.0 23.4 35.0#

229 38.9 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: 0.533 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

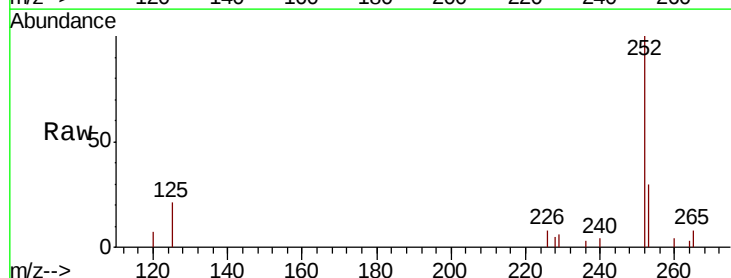
Tgt Ion:252 Resp: 17311

Ion Ratio Lower Upper

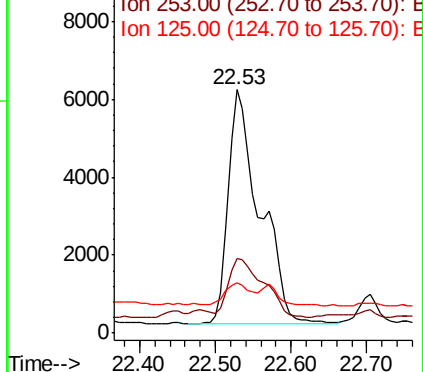
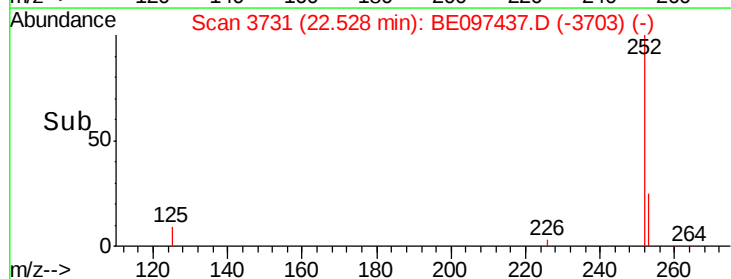
252 100

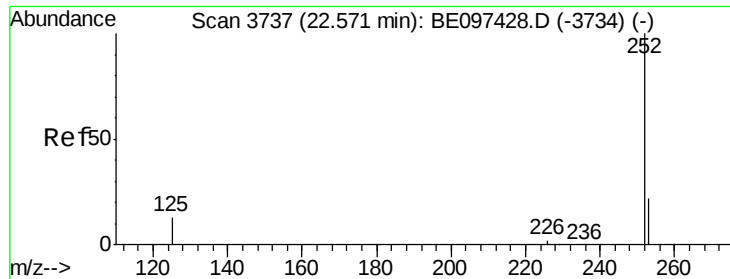
253 30.5 0.0 64.2

125 20.9 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: 0.478 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

Instrument :

BNA_E

ClientSampleId :

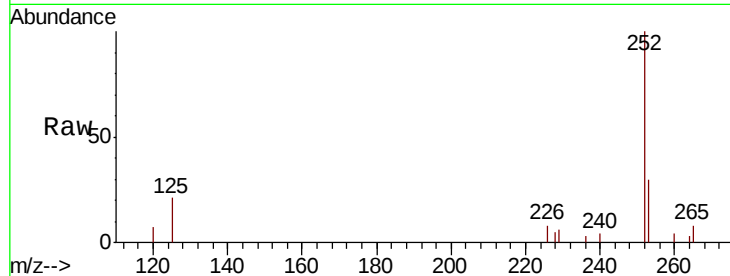
Tot Ion:252 Resp: 17311

Ion Ratio Lower Upper

252 100

253 30.5 24.5 36.7

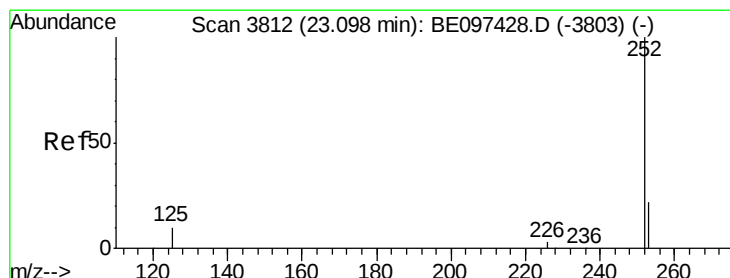
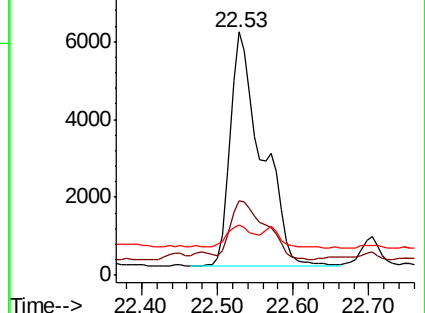
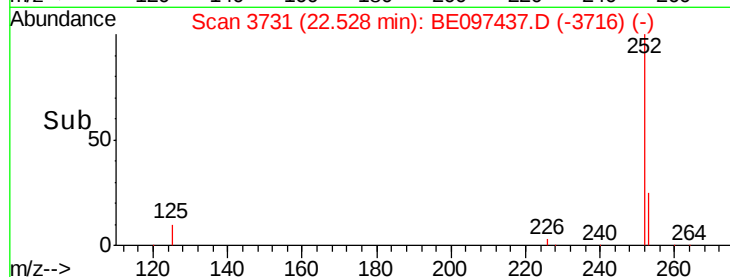
125 20.9 13.7 20.5#



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: 0.333 ng/ul

RT: 23.10 min Scan# 3813

Delta R.T. 0.01 min

Lab File: BE097437.D

Acq: 8 Sep 2018 1:14

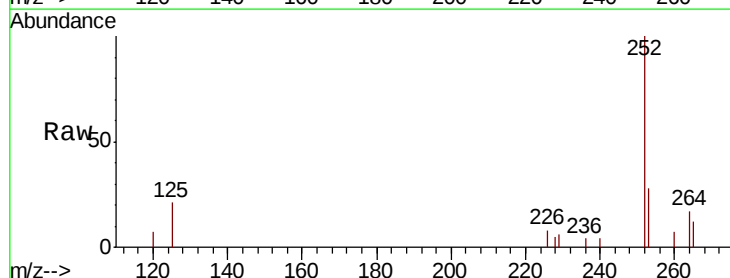
Tgt Ion:252 Resp: 10026

Ion Ratio Lower Upper

252 100

253 28.0 28.5 42.7#

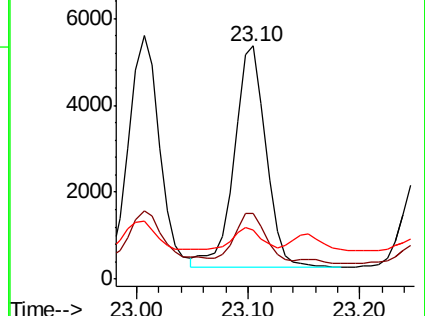
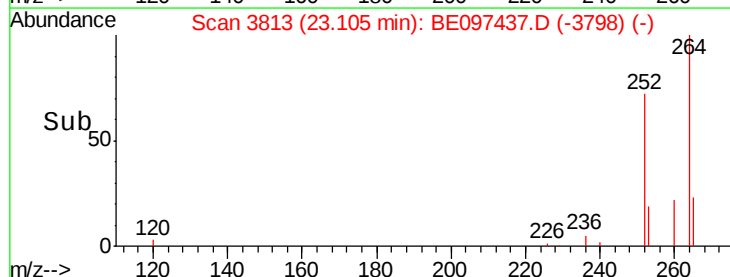
125 20.8 18.1 27.1

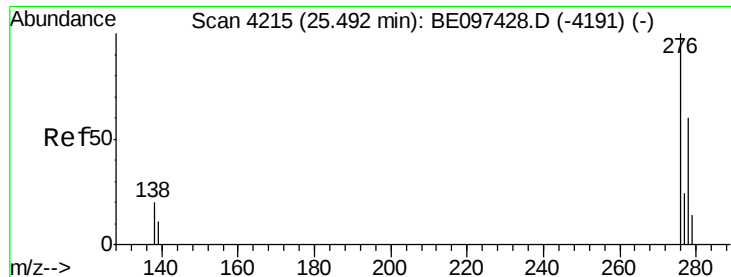


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

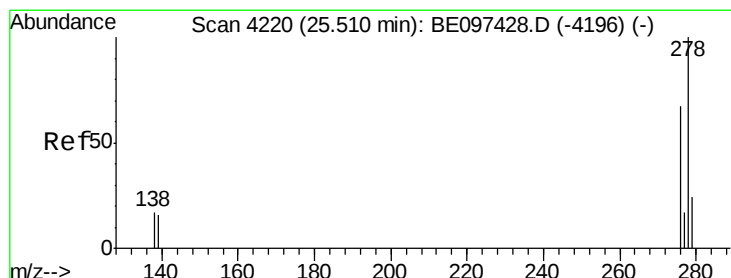
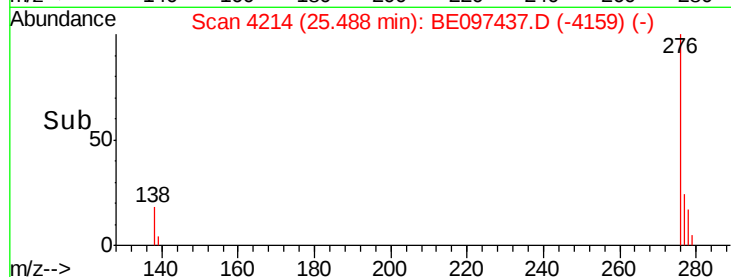
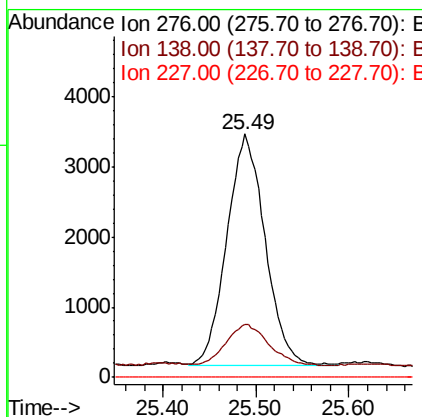
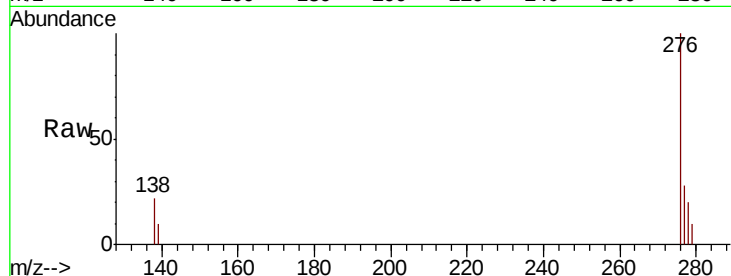




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.244 ng/ul
 RT: 25.49 min Scan# 4214
 Delta R.T. -0.00 min
 Lab File: BE097437.D
 Acq: 8 Sep 2018 1:14

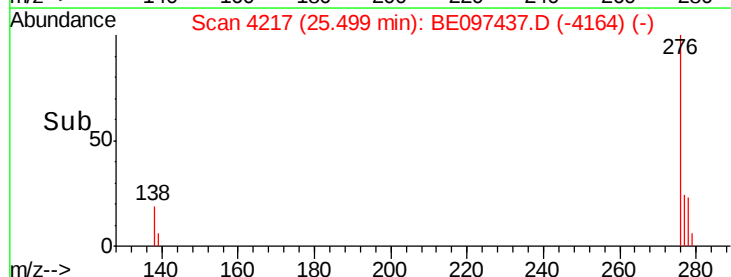
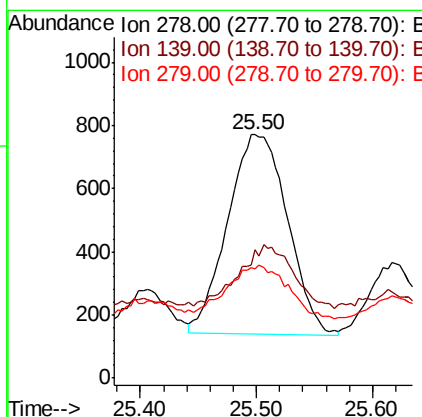
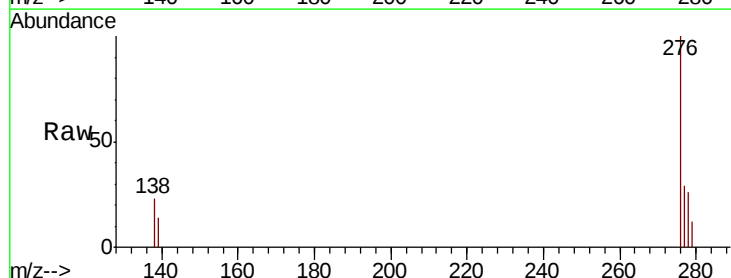
Instrument :
 BNA_E
 ClientSampleId :

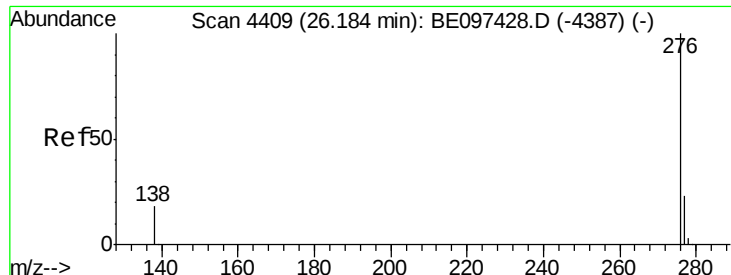
Tot Ion:276 Resp: 9516
 Ion Ratio Lower Upper
 276 100
 138 19.4 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.069 ng/ul
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097437.D
 Acq: 8 Sep 2018 1:14

Tgt Ion:278 Resp: 2268
 Ion Ratio Lower Upper
 278 100
 139 52.5 17.4 26.0#
 279 44.9 25.9 38.9#

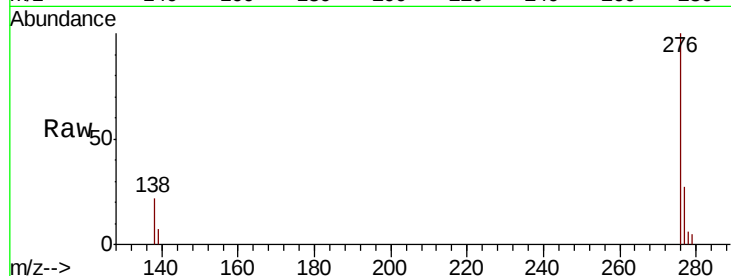




#26
 Benzo(a,h,i)perylene
 Concen: 0.309 ng/ul
 RT: 26.19 min Scan# 4411
 Delta R.T. 0.01 min
 Lab File: BE097437.D
 Acq: 8 Sep 2018 1:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.8	32.8#
277	27.1	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

