

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097436.D
 Acq On : 8 Sep 2018 00:38
 Operator : SJ/JU
 Sample : J4688-16DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:50:47 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

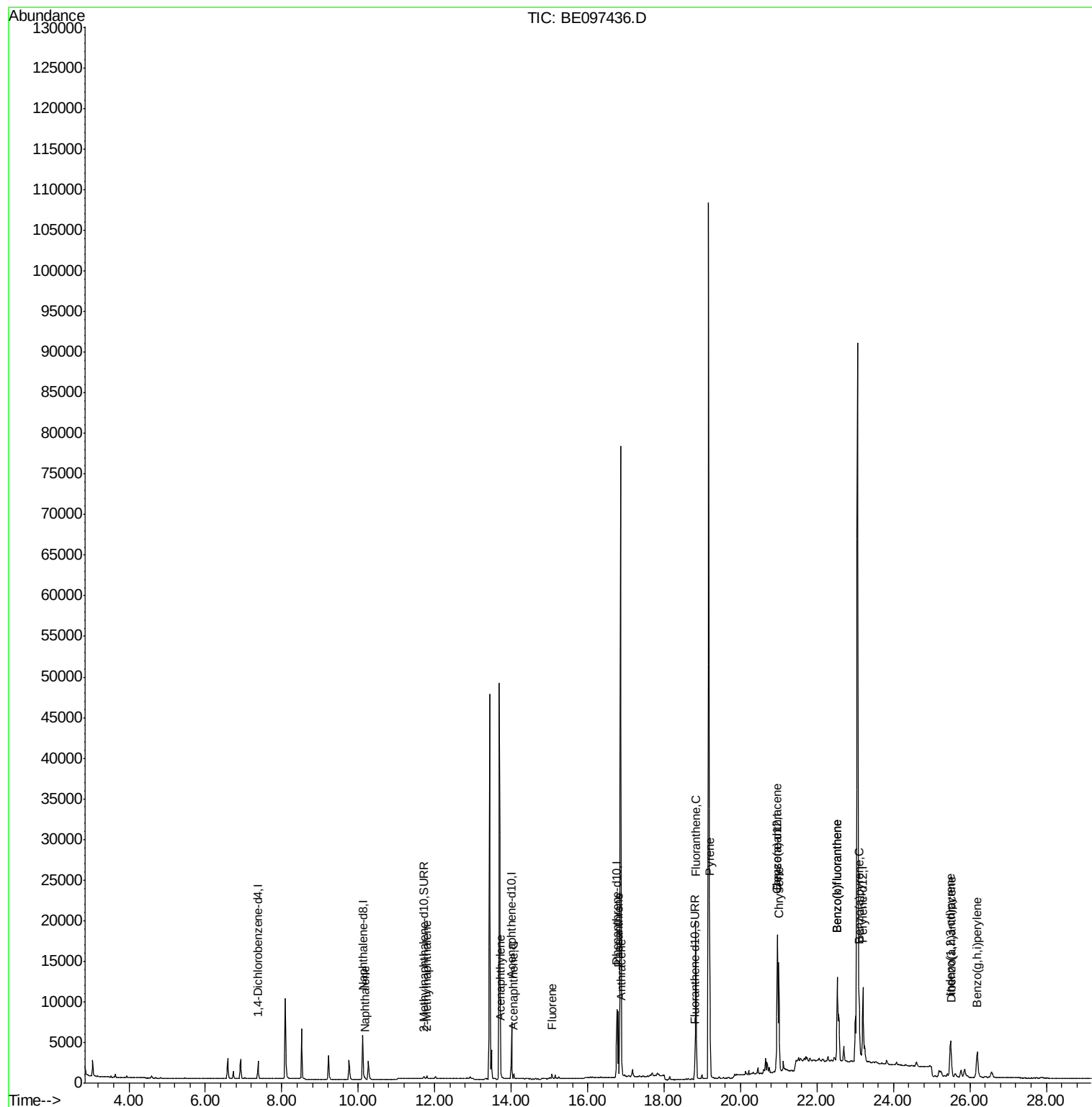
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1016	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5649	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3734	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9894	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11578	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	12485	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	403	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1362	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	499	0.036	ng/ul#	74
5) 2-Methylnaphthalene	11.79	142	307	0.035	ng/ul	99
7) Acenaphthylene	13.73	152	547	0.040	ng/ul#	78
8) Acenaphthene	14.07	153	383	0.033	ng/ul#	90
9) Fluorene	15.07	166	361	0.027	ng/ul#	83
12) Phenanthrene	16.80	178	8971	0.352	ng/ul#	89
13) Anthracene	16.89	178	1580	0.074	ng/ul#	94
15) Fluoranthene	18.83	202	21472	0.656	ng/ul	84
17) Pyrene	19.20	202	19933	0.640	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	11178	0.376	ng/ul#	86
19) Chrysene	21.00	228	12263	0.358	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	22373	0.669	ng/ul	93
22) Benzo(k)fluoranthene	22.53	252	22373	0.600	ng/ul	94
23) Benzo(a)pyrene	23.10	252	10202	0.330	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.49	276	7437	0.186	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.51	278	2043	0.060	ng/ul#	70
26) Benzo(a,h,i)perylene	26.19	276	7029	0.206	ng/ul#	94

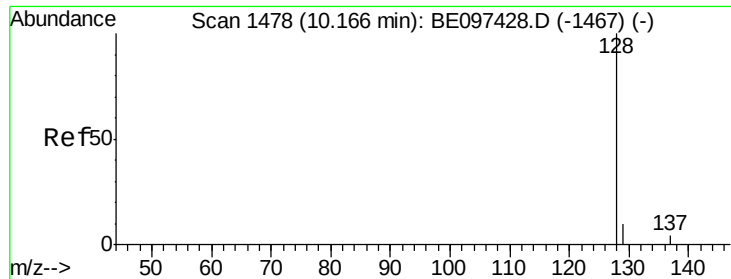
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:50:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

ClientSampleId :

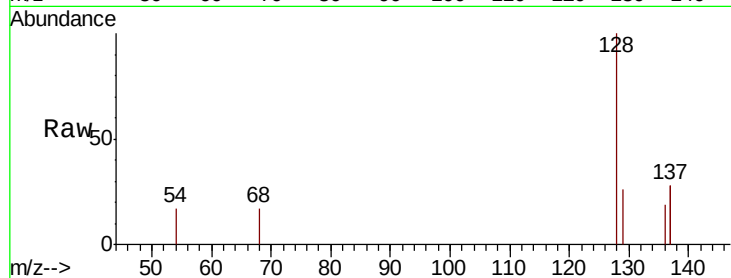
Tot Ion:128 Resp: 499

Ion Ratio Lower Upper

128 100

129 26.0 11.3 16.9#

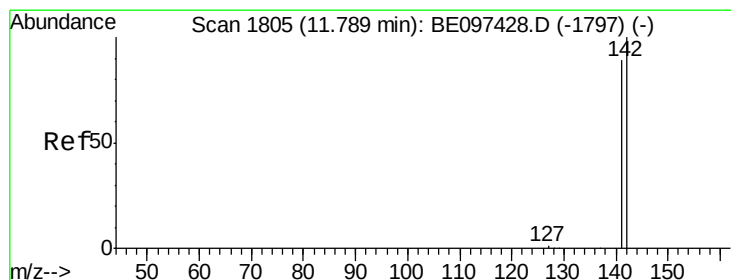
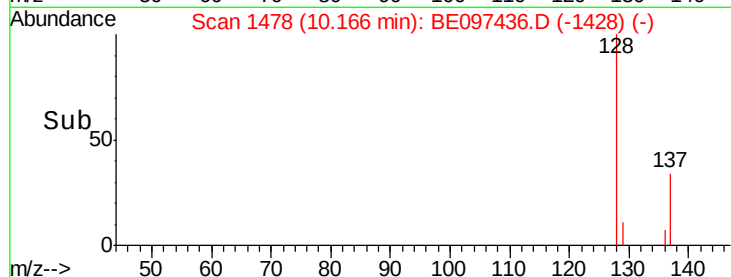
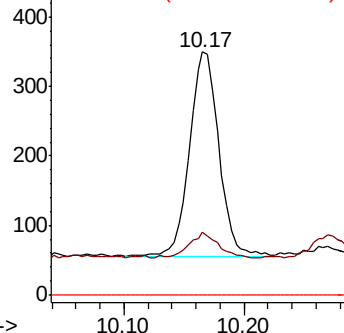
127 0.0 4.0 6.0#



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: 0.035 ng/ul

RT: 11.79 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BE097436.D

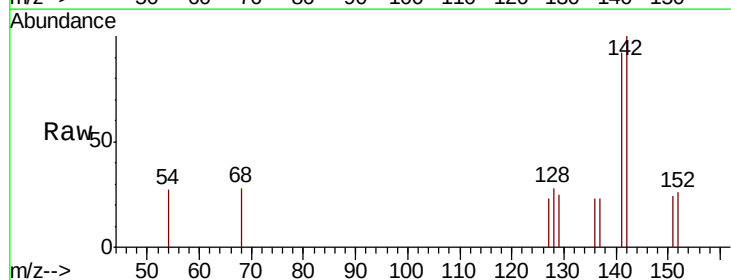
Acq: 8 Sep 2018 00:38

Tgt Ion:142 Resp: 307

Ion Ratio Lower Upper

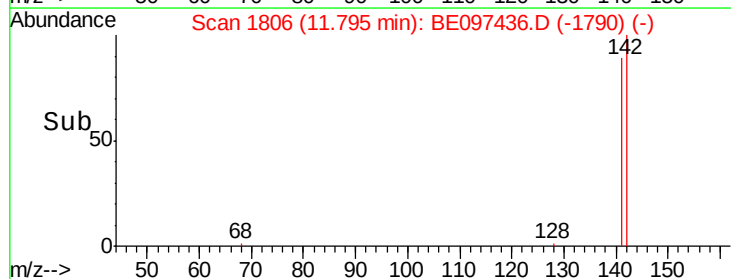
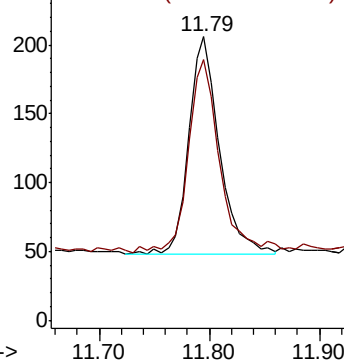
142 100

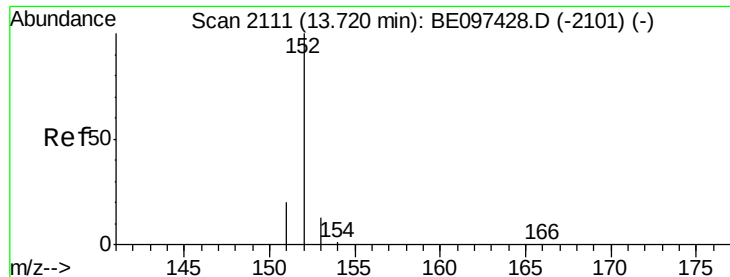
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

ClientSampled :

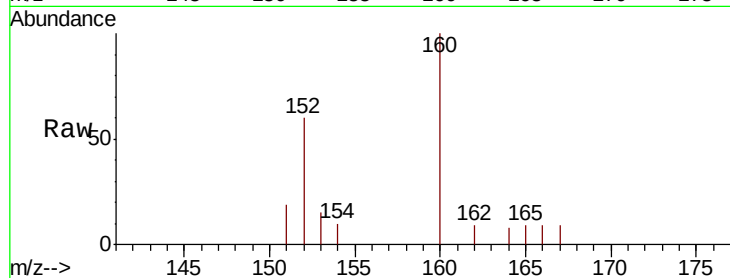
Tot Ion:152 Resp: 547

Ion Ratio Lower Upper

152 100

151 31.7 17.1 25.7#

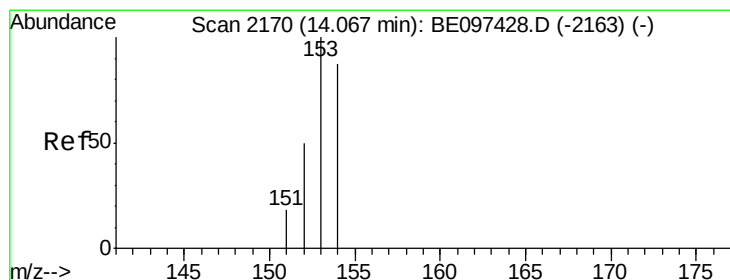
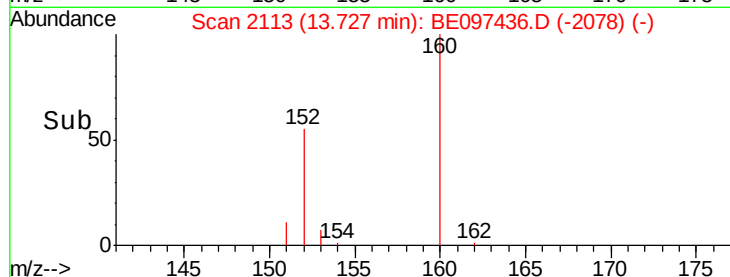
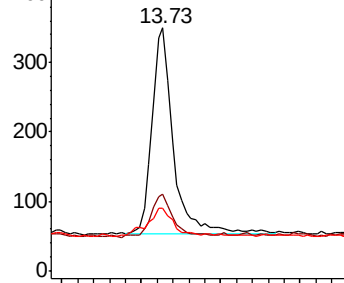
153 25.7 12.8 19.2#



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: 0.033 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

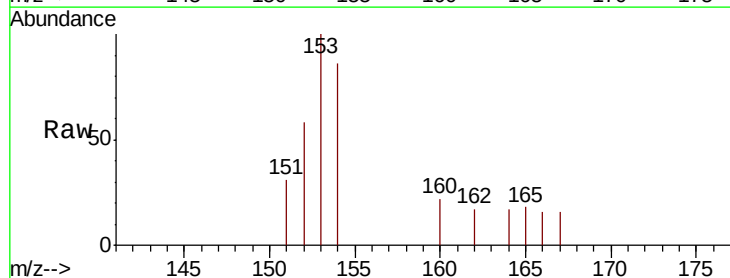
Tgt Ion:153 Resp: 383

Ion Ratio Lower Upper

153 100

152 57.8 36.0 54.0#

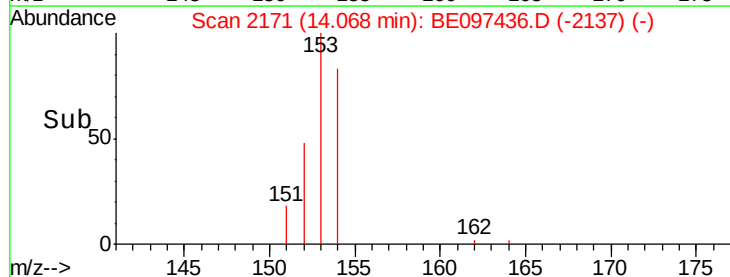
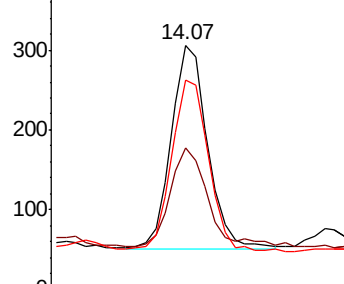
154 85.6 72.0 108.0

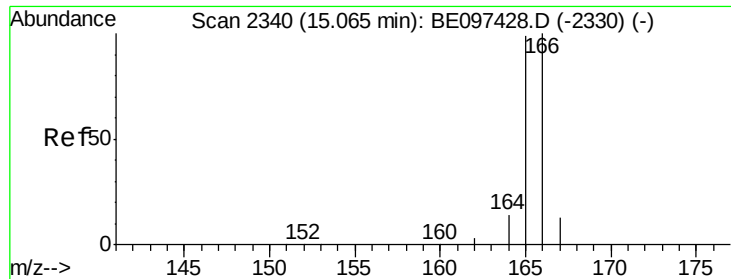


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

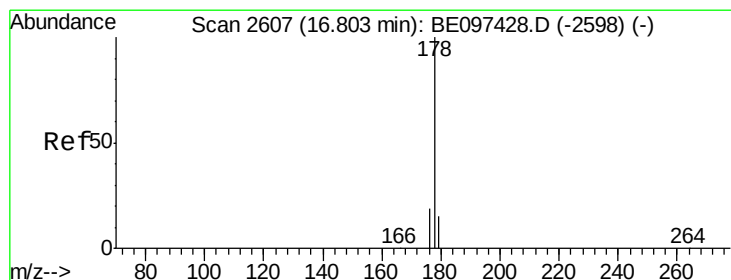
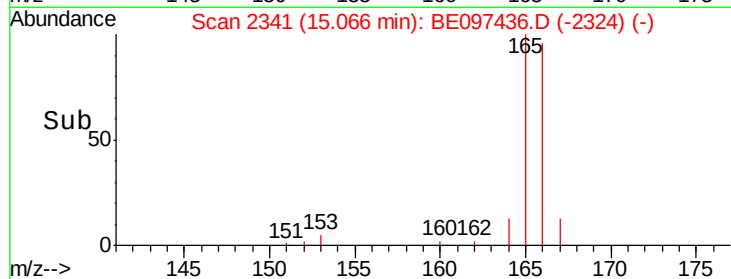
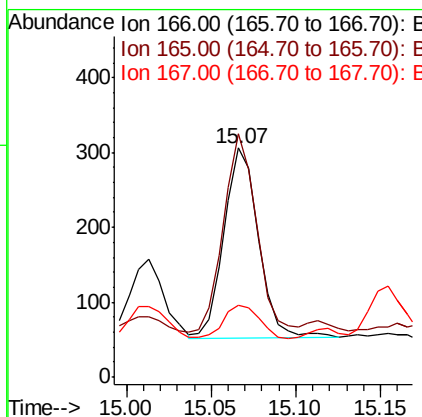
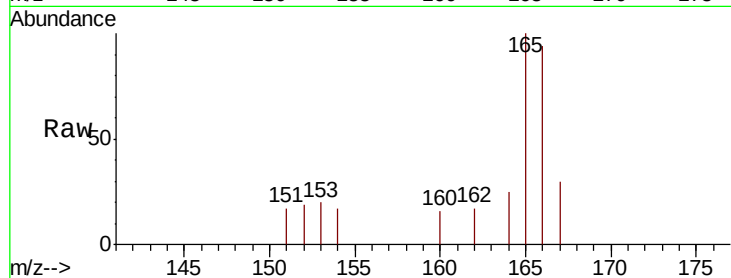




#9
Fluorene
 Concen: 0.027 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

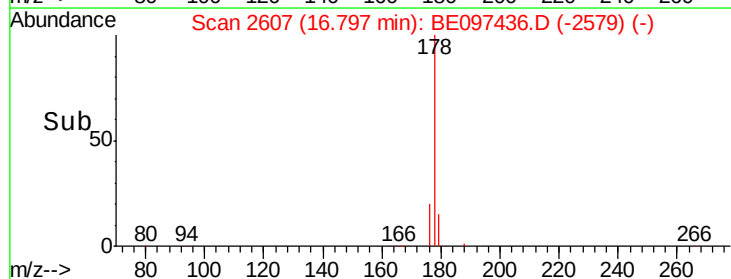
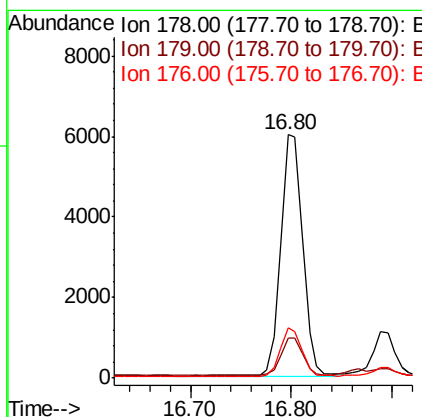
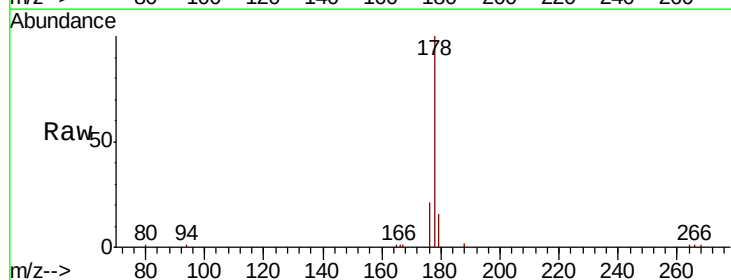
Instrument :
 BNA_E
 ClientSampleId :

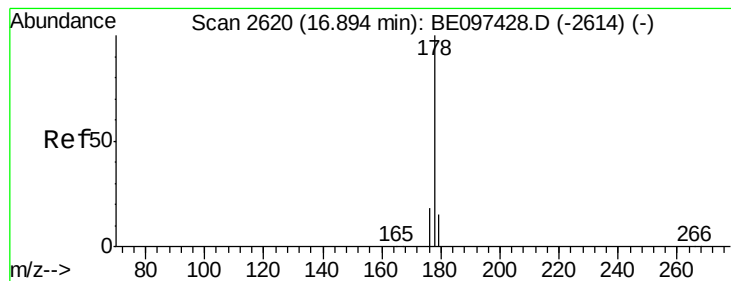
Tot Ion:166 Resp: 361
 Ion Ratio Lower Upper
 166 100
 165 106.2 73.4 110.2
 167 31.4 14.6 22.0#



#12
Phenanthrene
 Concen: 0.352 ng/ul
 RT: 16.80 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

Tgt Ion:178 Resp: 8971
 Ion Ratio Lower Upper
 178 100
 179 16.3 18.4 27.6#
 176 20.6 13.6 20.4#





#13

Anthracene

Concen: 0.074 ng/ul

RT: 16.89 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

ClientSampleId :

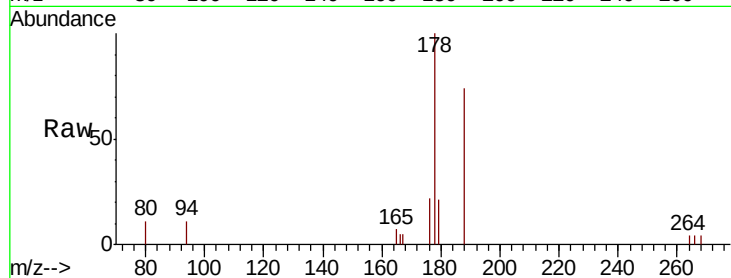
Tot Ion:178 Resp: 1580

Ion Ratio Lower Upper

178 100

179 21.0 18.1 27.1

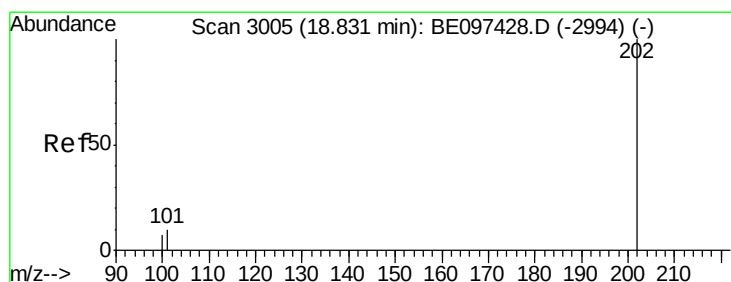
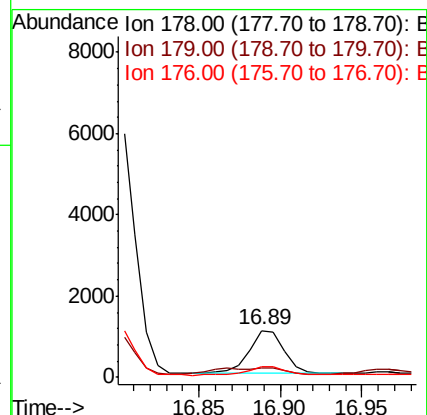
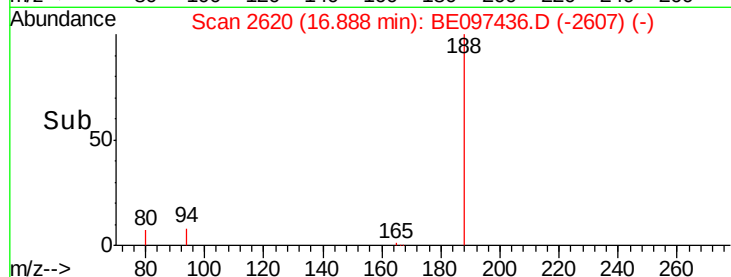
176 22.2 14.7 22.1#



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: 0.656 ng/ul

RT: 18.83 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

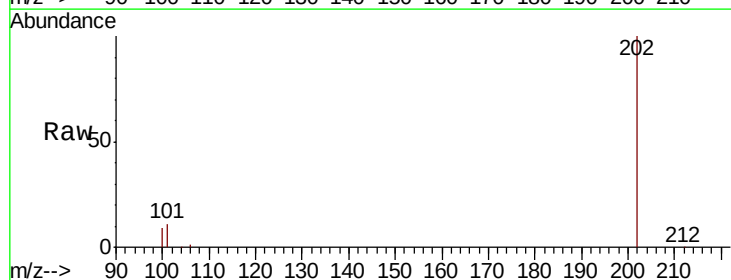
Tgt Ion:202 Resp: 21472

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

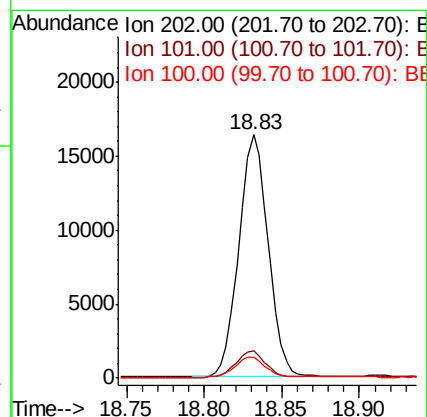
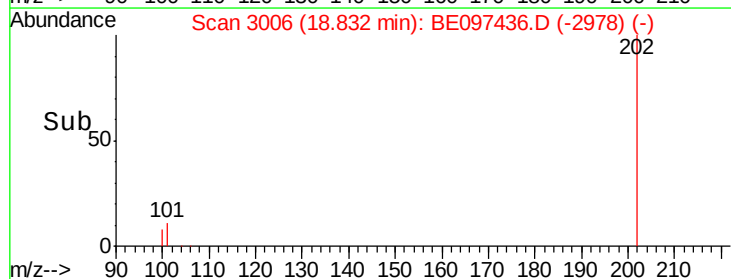
100 8.8 0.0 39.5

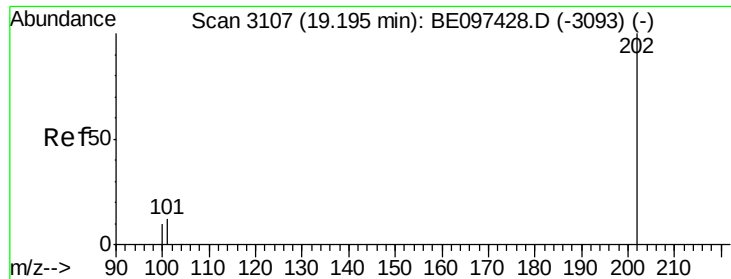


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

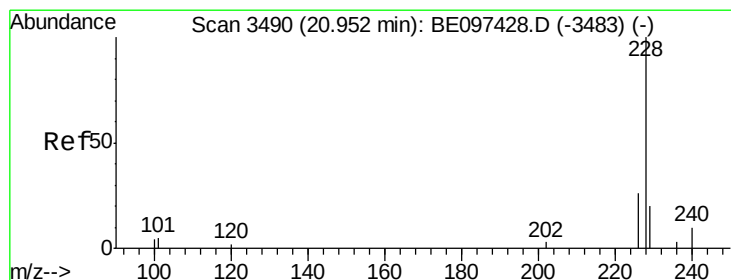
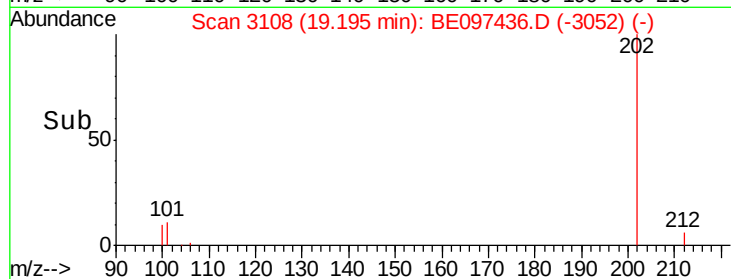
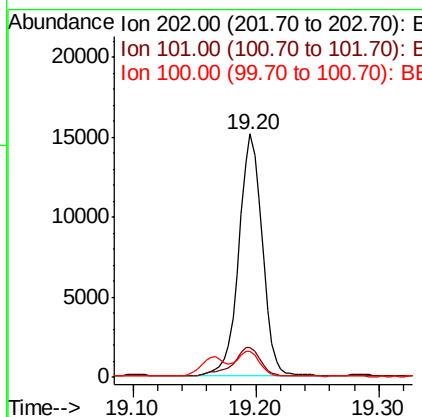
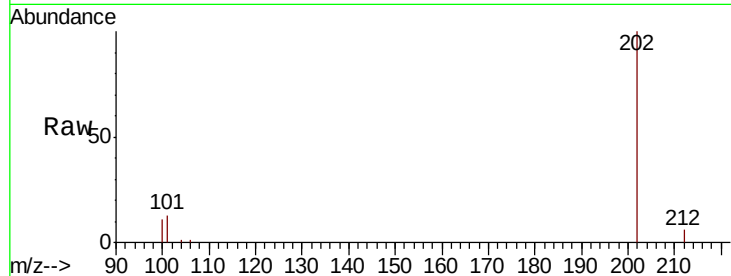




#17
Pvrene
Concen: 0.640 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

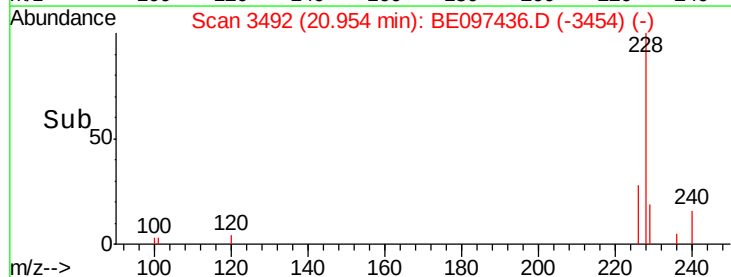
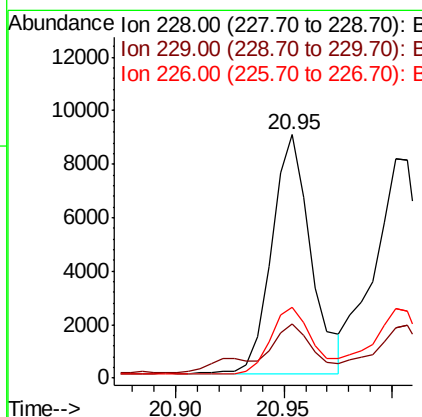
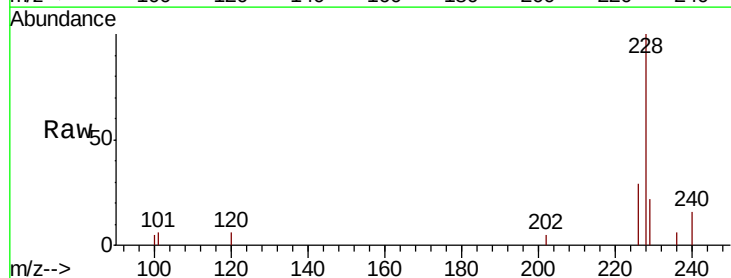
Instrument :
BNA_E
ClientSampleId :

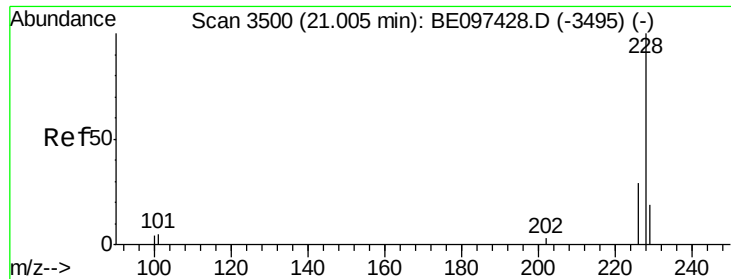
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	18.2	27.4#
100	10.8	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 20.95 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	22.8	34.2#
226	29.2	17.0	25.6#





#19

Chrysene

Concen: 0.358 ng/ul

RT: 21.00 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

ClientSampleId :

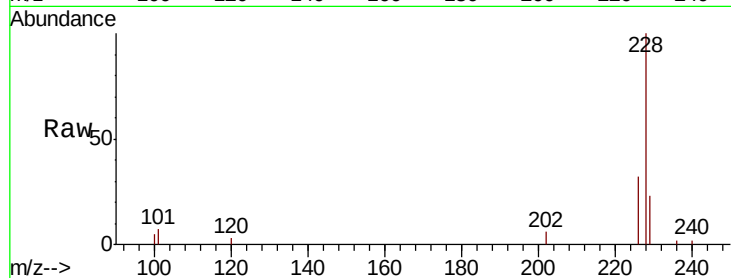
Tot Ion:228 Resp: 12263

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

229 22.8 17.7 26.5

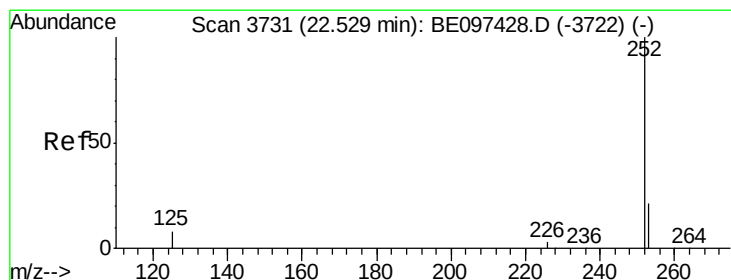
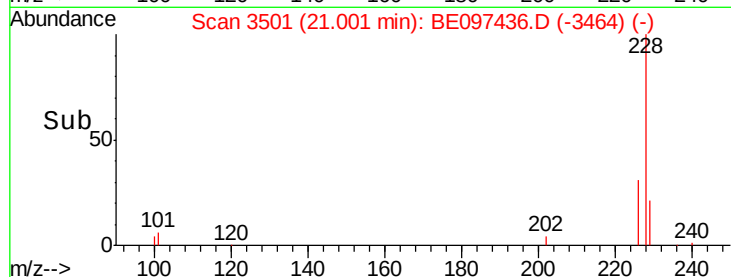
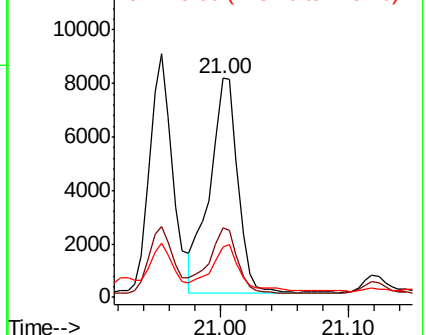


Abundance

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: 0.669 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

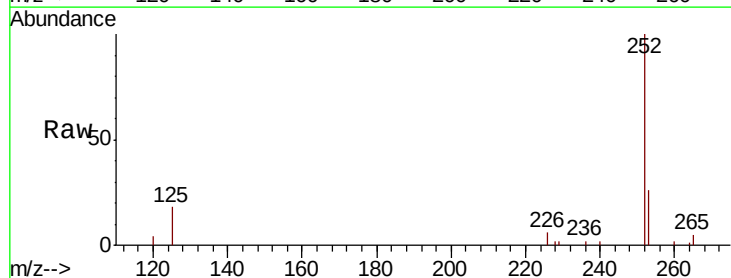
Tgt Ion:252 Resp: 22373

Ion Ratio Lower Upper

252 100

253 26.2 0.0 64.2

125 17.6 0.0 35.0

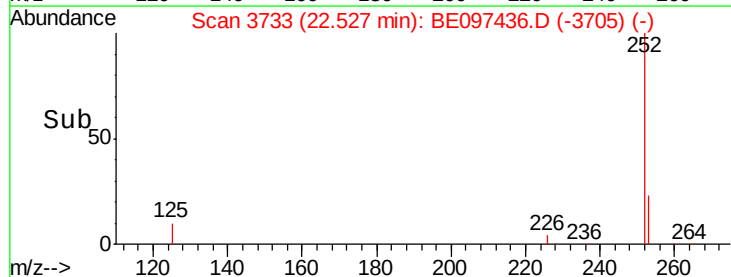
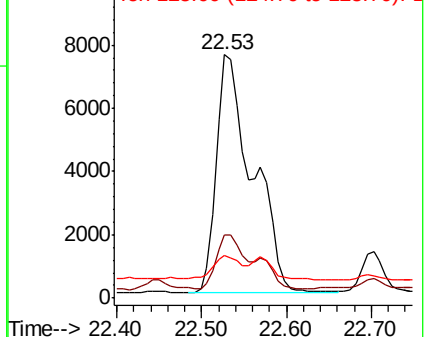


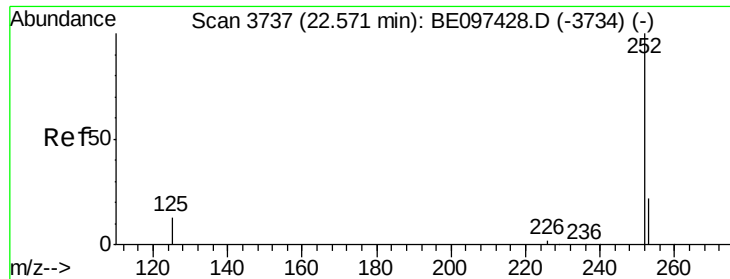
Abundance

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: 0.600 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. -0.04 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

ClientSampleId :

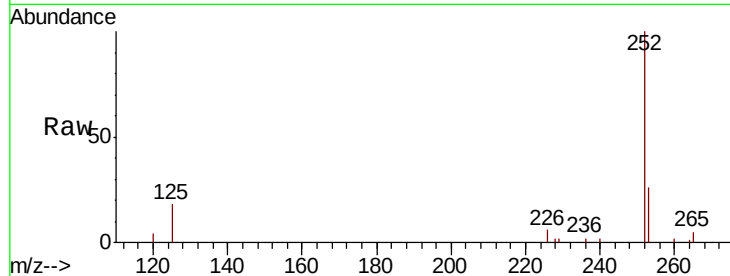
Tot Ion:252 Resp: 22373

Ion Ratio Lower Upper

252 100

253 26.2 24.5 36.7

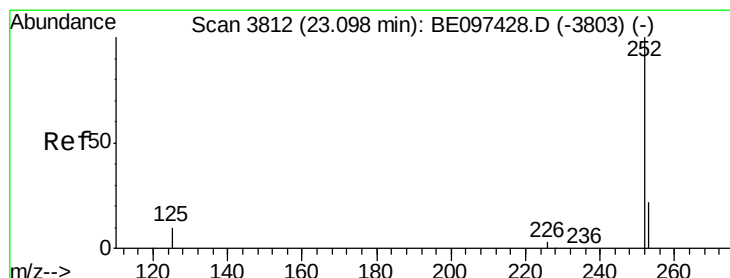
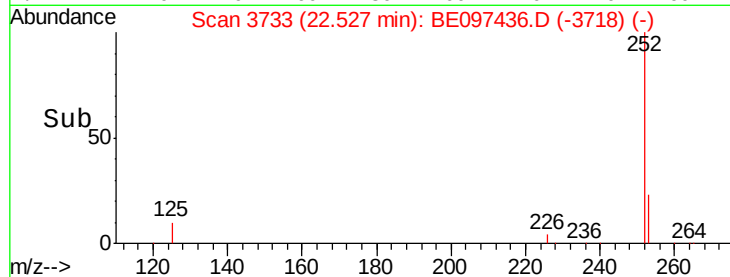
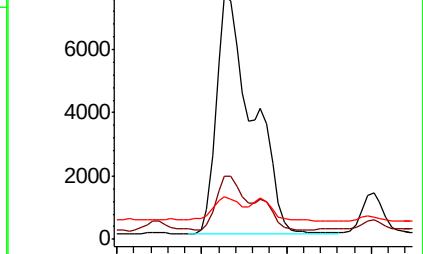
125 17.6 13.7 20.5



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: 0.330 ng/ul

RT: 23.10 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

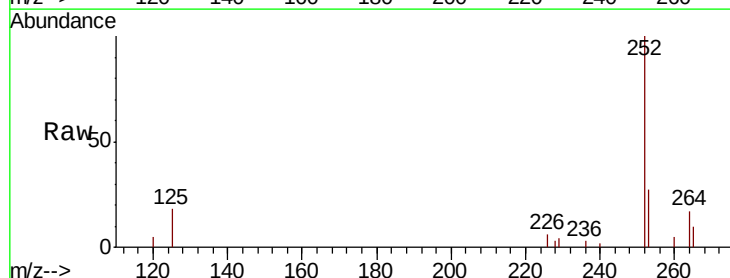
Tgt Ion:252 Resp: 10202

Ion Ratio Lower Upper

252 100

253 27.0 28.5 42.7#

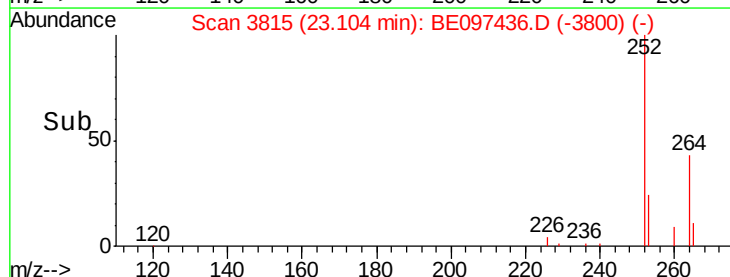
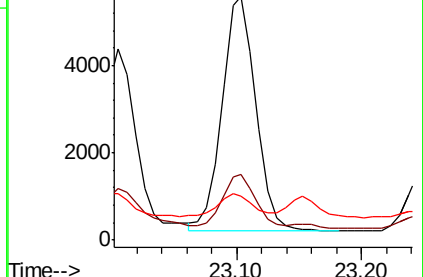
125 17.9 18.1 27.1#

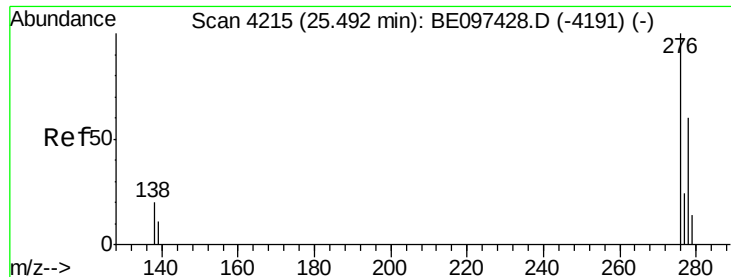


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



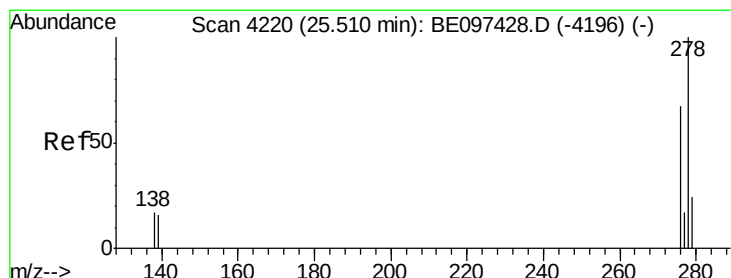
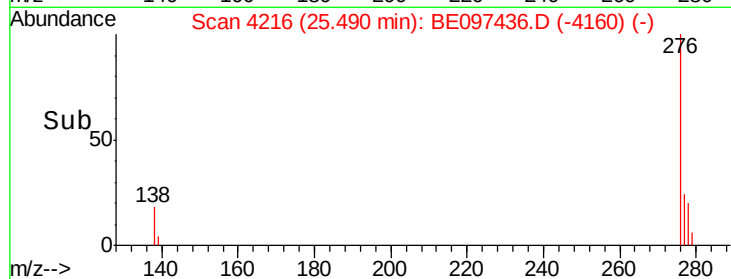
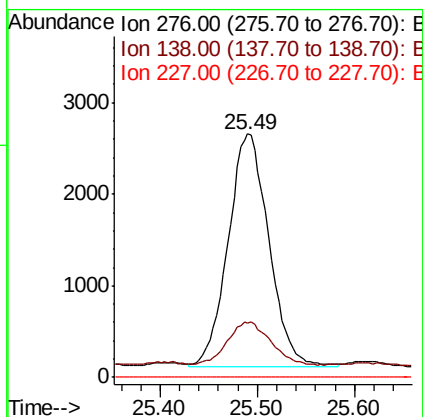
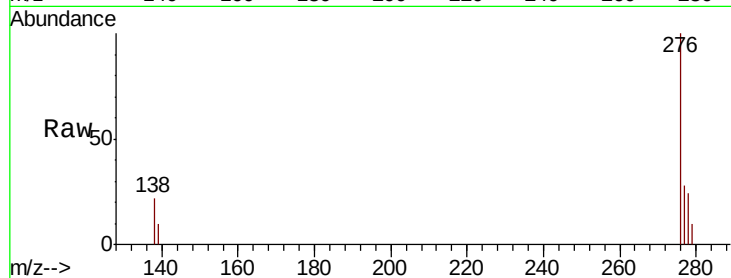


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 25.49 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Instrument :
BNA_E
ClientSampled :

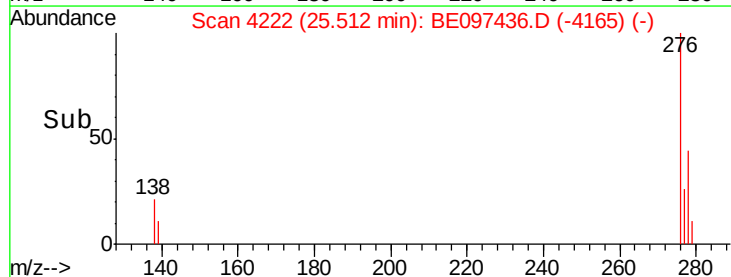
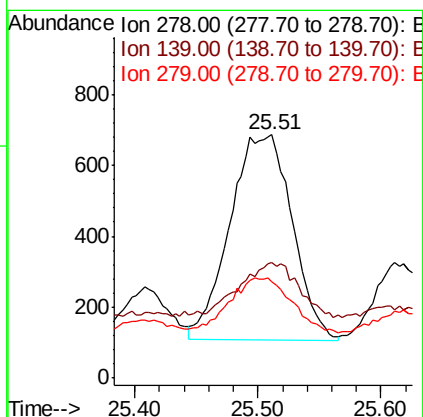
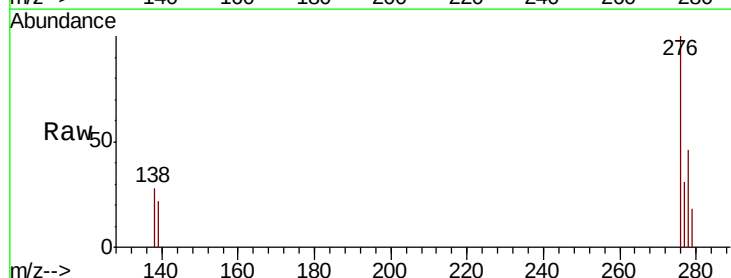
Tot Ion:276 Resp: 7437
Ion Ratio Lower Upper
276 100
138 19.4 28.0 42.0#
227 0.0 8.0 12.0#

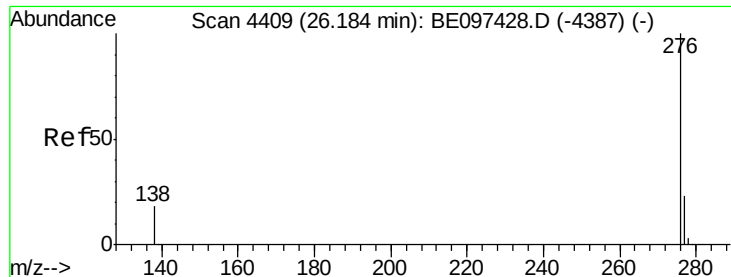


#25

Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.51 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Tgt Ion:278 Resp: 2043
Ion Ratio Lower Upper
278 100
139 47.5 17.4 26.0#
279 39.7 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.206 ng/ul

RT: 26.19 min Scan# 4412

Delta R.T. 0.01 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

ClientSampleId :

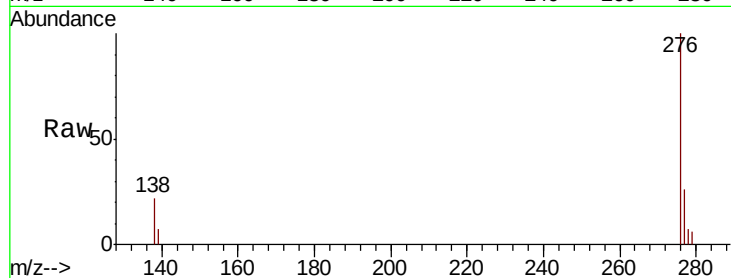
Tot Ion:276 Resp: 7029

Ion Ratio Lower Upper

276 100

138 21.8 21.8 32.8#

277 26.3 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

