

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097435.D
 Acq On : 7 Sep 2018 23:59
 Operator : SJ/JU
 Sample : J4688-14DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:50:41 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 : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

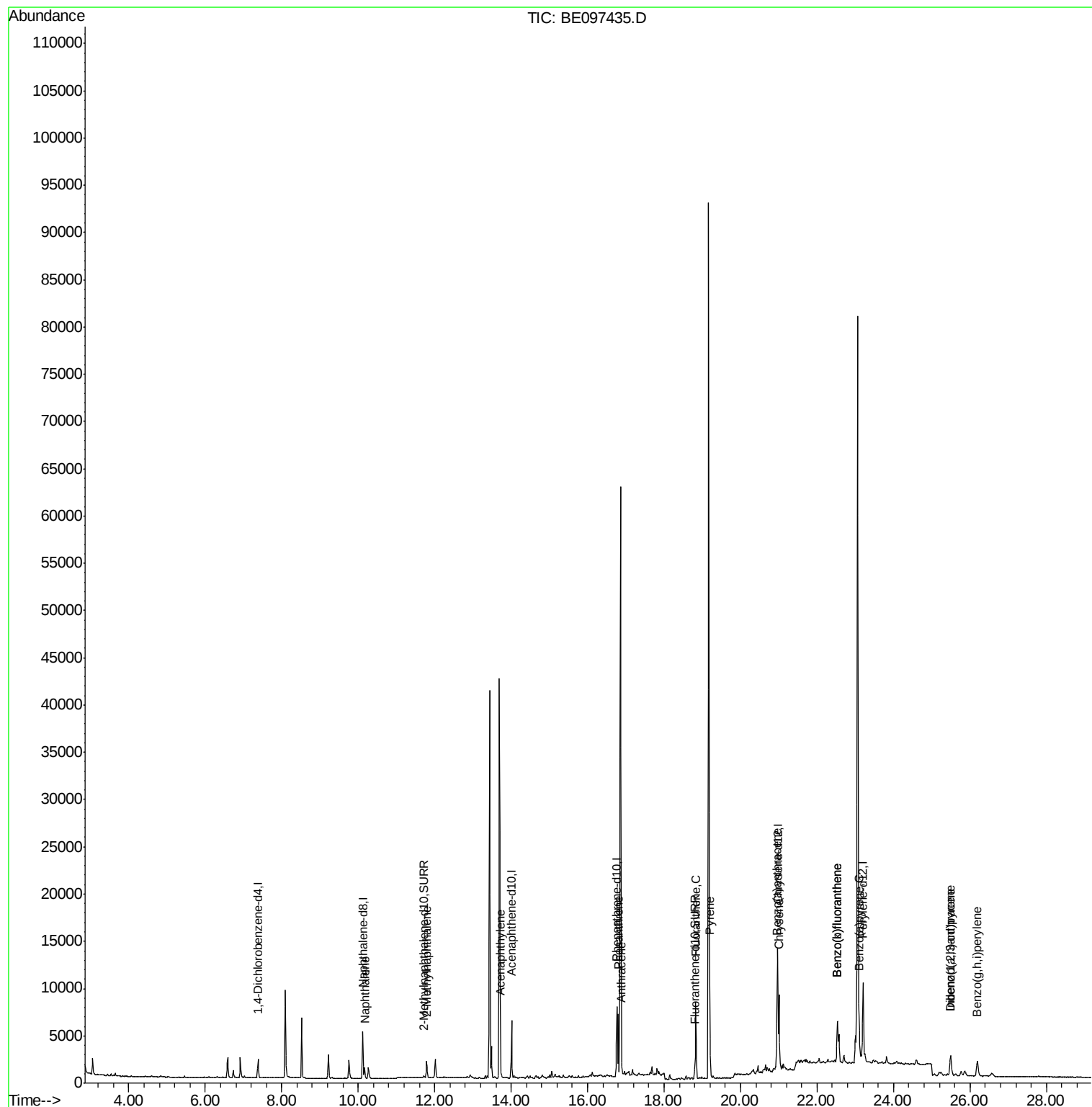
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5107	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3315	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8617	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10030	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10870	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	360	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1181	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	1672	0.134	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	1658	0.211	ng/ul	98
7) Acenaphthylene	13.72	152	339	0.028	ng/ul#	55
12) Phenanthrene	16.80	178	7128	0.321	ng/ul#	90
13) Anthracene	16.89	178	661	0.035	ng/ul#	83
15) Fluoranthene	18.83	202	9095	0.319	ng/ul	84
17) Pyrene	19.20	202	9171	0.340	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	5324	0.207	ng/ul#	89
19) Chrysene	21.00	228	7305	0.246	ng/ul	93
21) Benzo(b)fluoranthene	22.53	252	9812	0.337	ng/ul	94
22) Benzo(k)fluoranthene	22.53	252	9812	0.302	ng/ul	96
23) Benzo(a)pyrene	23.10	252	5179	0.192	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.50	276	3527	0.101	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	1118	0.038	ng/ul#	44
26) Benzo(g,h,i)perylene	26.19	276	3740	0.126	ng/ul	95

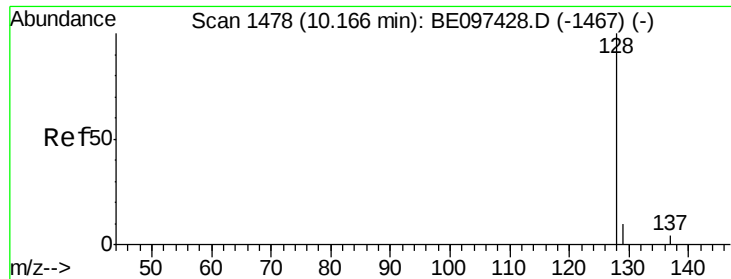
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:50:41 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 : Sat Sep 08 02:48:59 2018
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#3

Naphthalene

Concen: 0.134 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

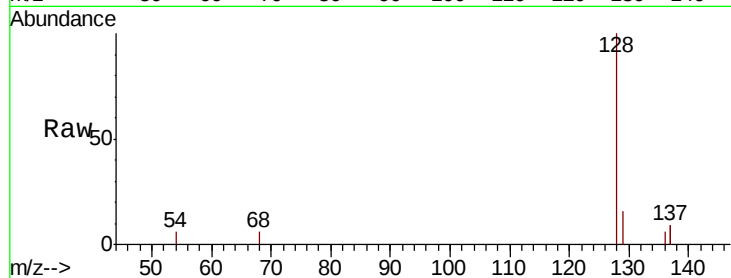
Tot Ion:128 Resp: 1672

Ion Ratio Lower Upper

128 100

129 15.5 11.3 16.9

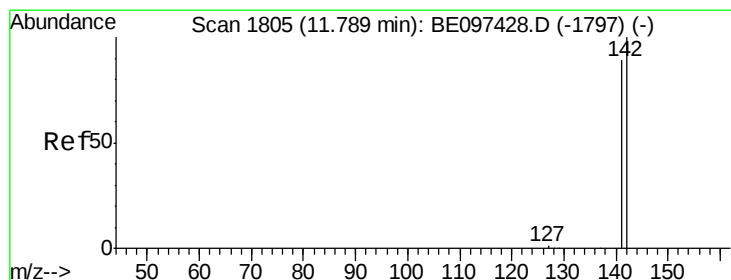
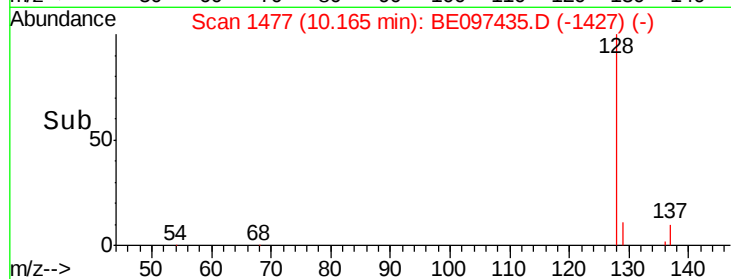
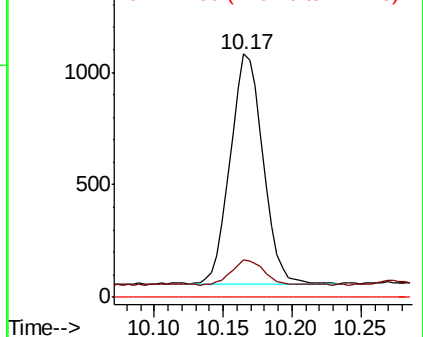
127 0.0 4.0 6.0#



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: 0.211 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BE097435.D

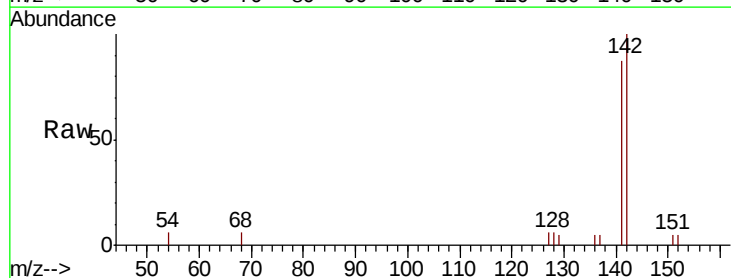
Acq: 7 Sep 2018 23:59

Tgt Ion:142 Resp: 1658

Ion Ratio Lower Upper

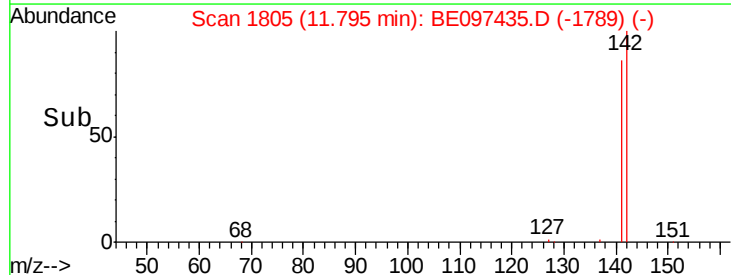
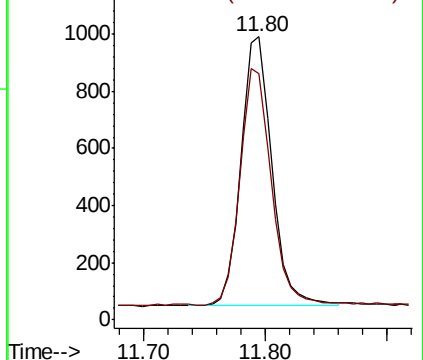
142 100

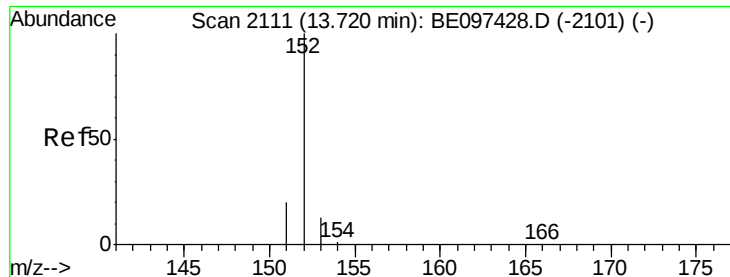
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

Instrument :

BNA_E

ClientSampled :

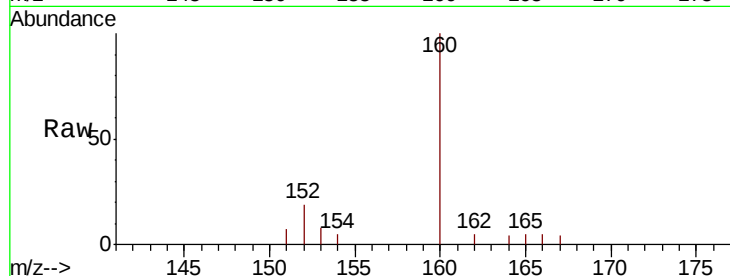
Tot Ion:152 Resp: 339

Ion Ratio Lower Upper

152 100

151 38.4 17.1 25.7#

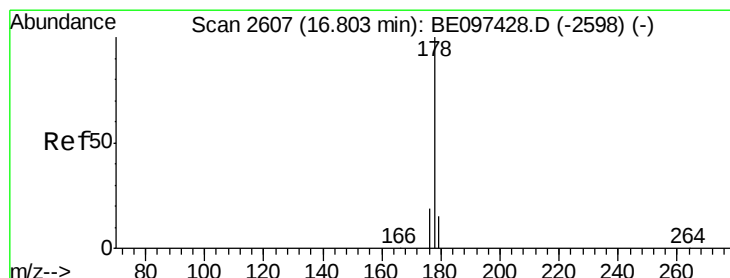
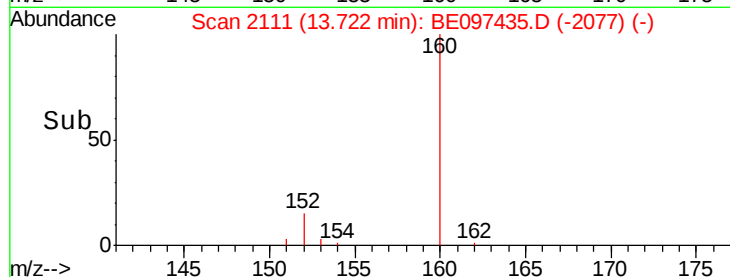
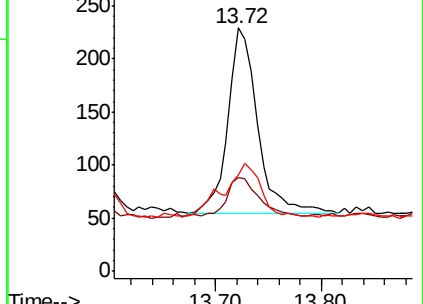
153 39.7 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.321 ng/ul

RT: 16.80 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

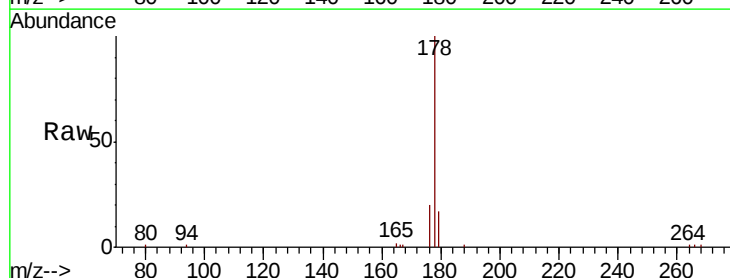
Tgt Ion:178 Resp: 7128

Ion Ratio Lower Upper

178 100

179 17.1 18.4 27.6#

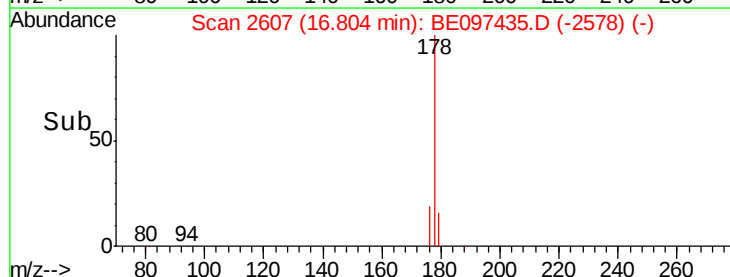
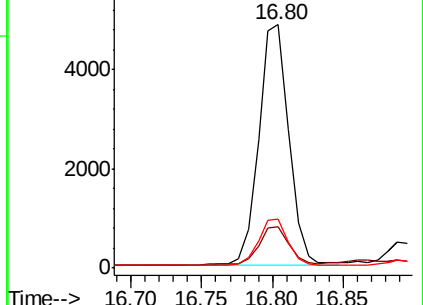
176 19.9 13.6 20.4

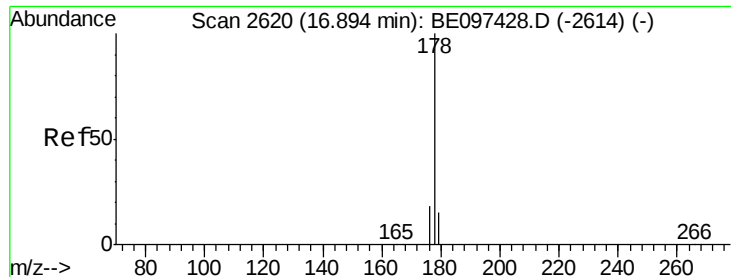


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.035 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

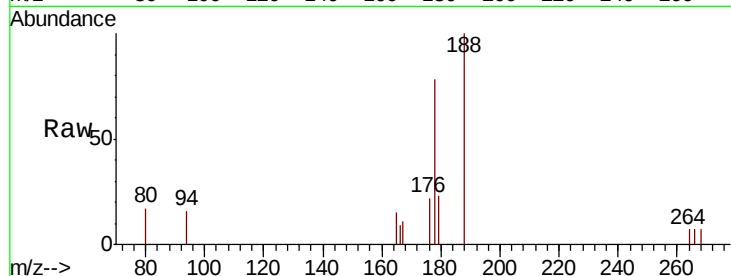
Tot Ion:178 Resp: 661

Ion Ratio Lower Upper

178 100

179 29.0 18.1 27.1#

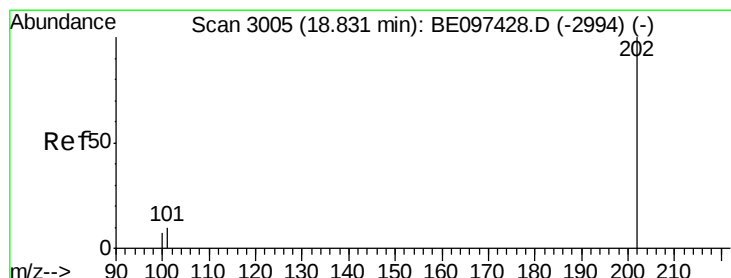
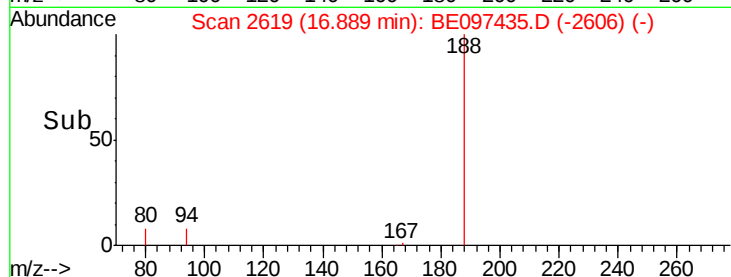
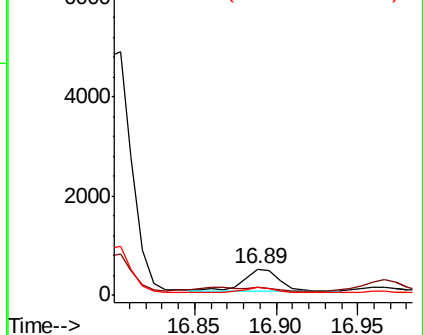
176 28.2 14.7 22.1#



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: 0.319 ng/ul

RT: 18.83 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

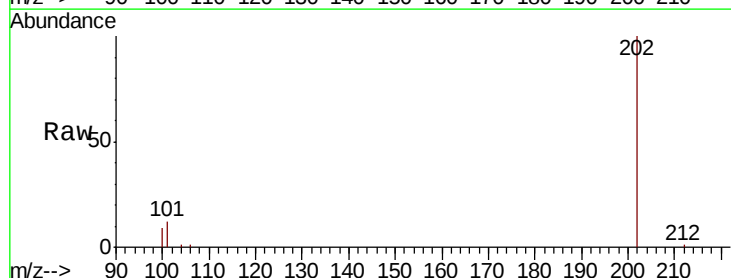
Tgt Ion:202 Resp: 9095

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

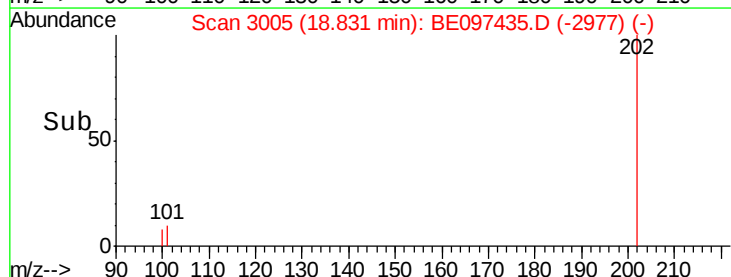
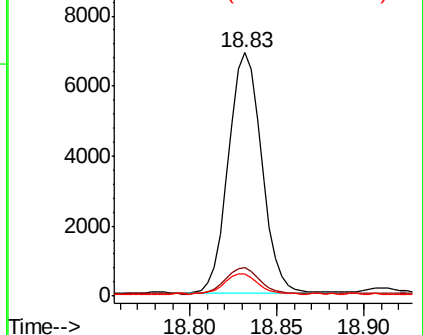
100 9.2 0.0 39.5

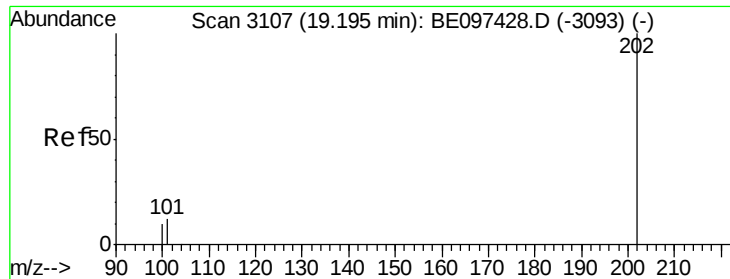


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

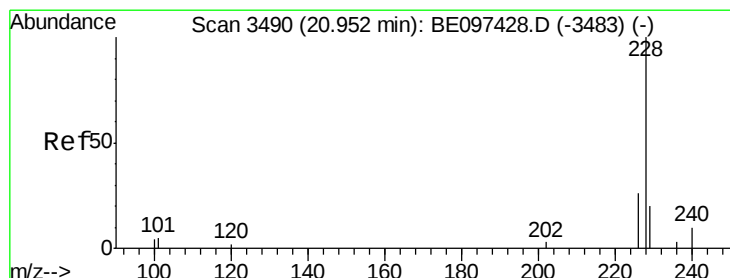
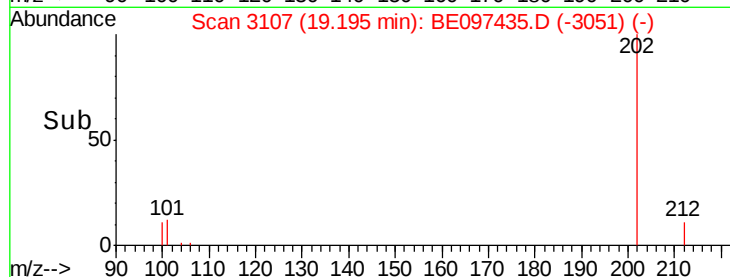
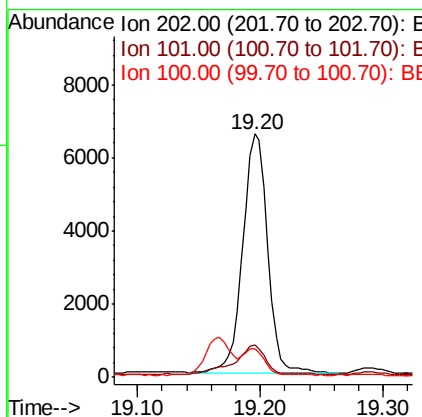
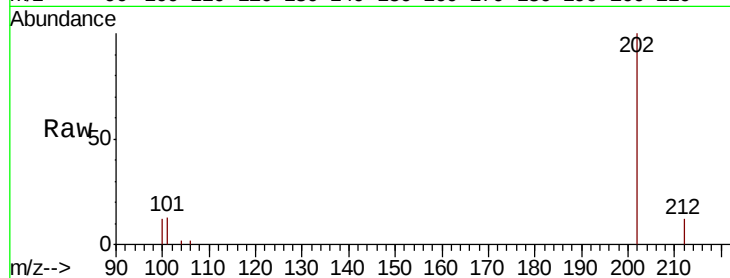




#17
Pvrene
Concen: 0.340 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

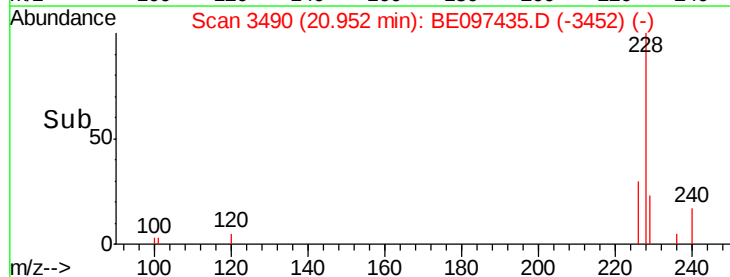
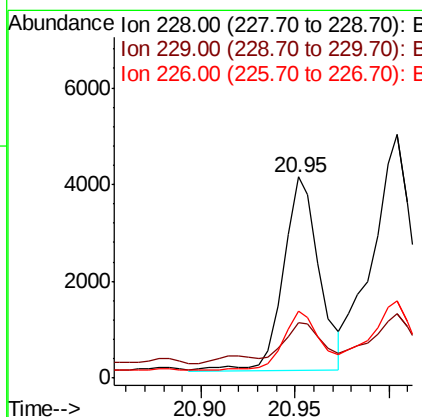
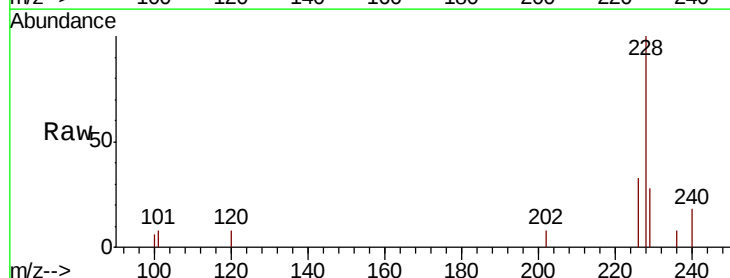
Instrument :
BNA_E
ClientSampleId :

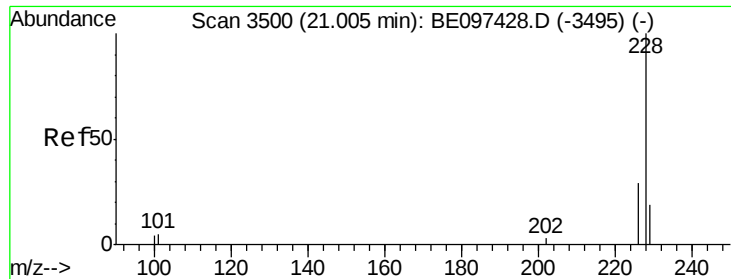
Tot Ion:202 Resp: 9171
Ion Ratio Lower Upper
202 100
101 13.3 18.2 27.4#
100 11.6 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.207 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:228 Resp: 5324
Ion Ratio Lower Upper
228 100
229 27.8 22.8 34.2
226 33.0 17.0 25.6#





#19

Chrysene

Concen: 0.246 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

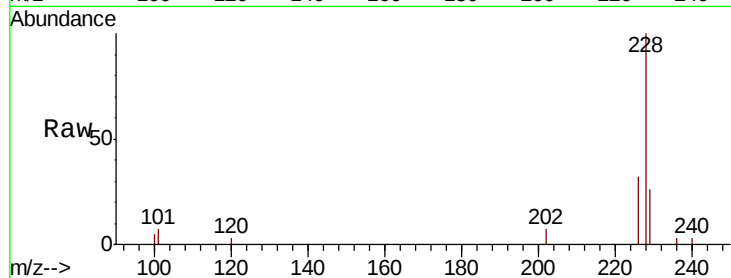
Tot Ion:228 Resp: 7305

Ion Ratio Lower Upper

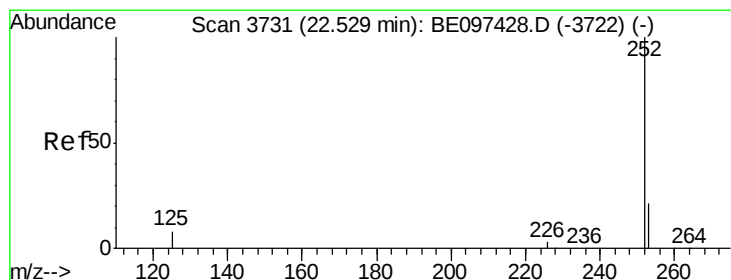
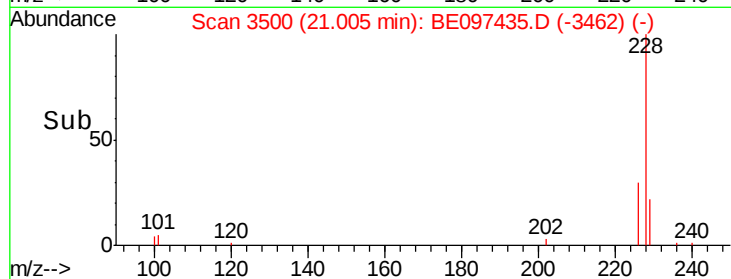
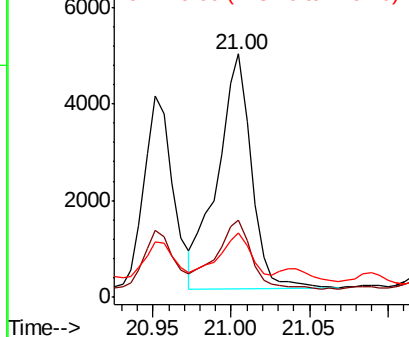
228 100

226 31.8 23.4 35.0

229 26.5 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: 0.337 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

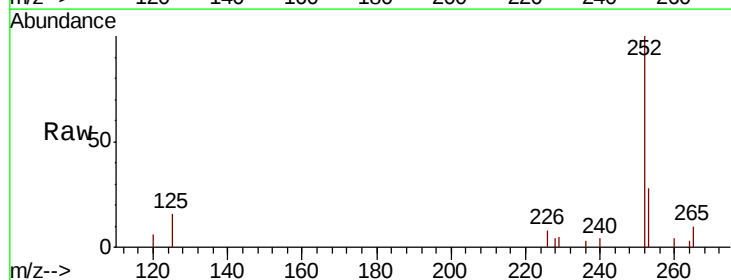
Tgt Ion:252 Resp: 9812

Ion Ratio Lower Upper

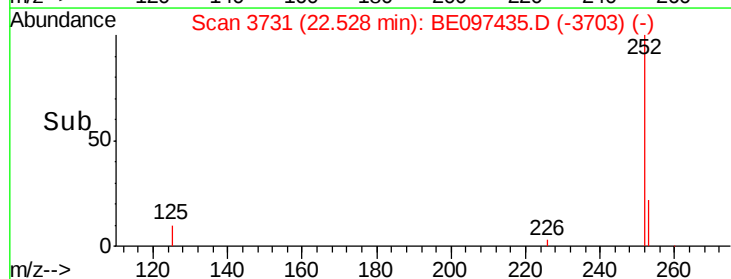
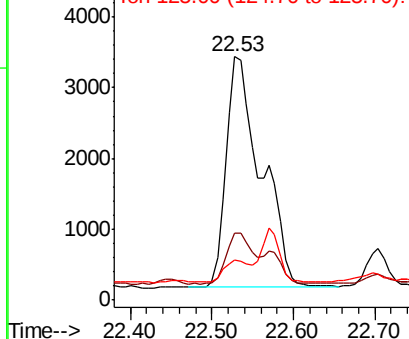
252 100

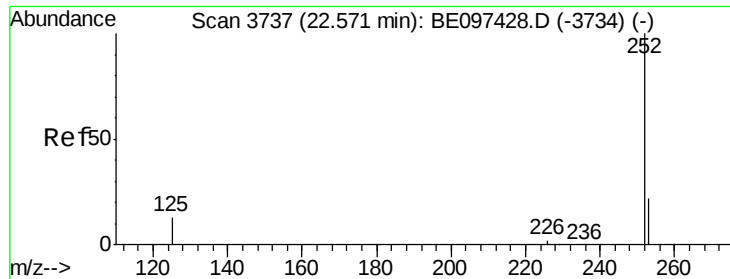
253 27.6 0.0 64.2

125 16.3 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: 0.302 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

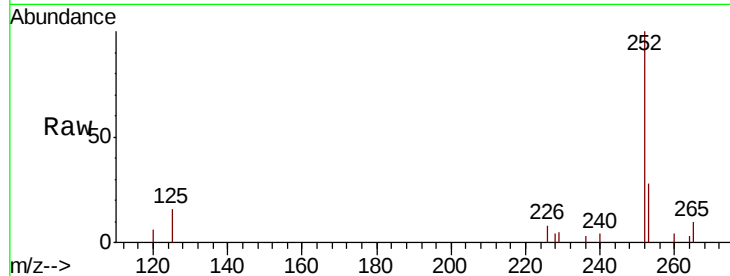
Tot Ion:252 Resp: 9812

Ion Ratio Lower Upper

252 100

253 27.6 24.5 36.7

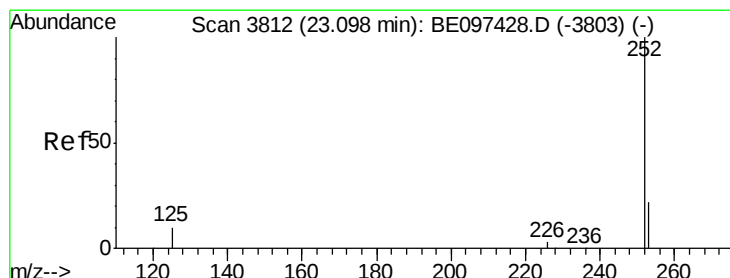
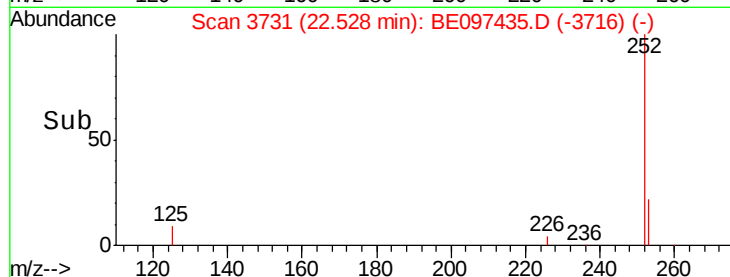
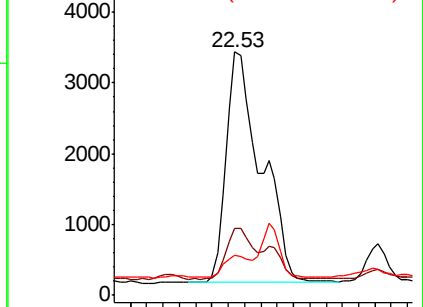
125 16.3 13.7 20.5



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: 0.192 ng/ul

RT: 23.10 min Scan# 3813

Delta R.T. 0.01 min

Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

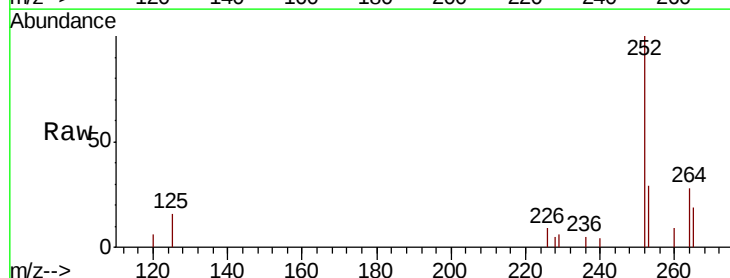
Tgt Ion:252 Resp: 5179

Ion Ratio Lower Upper

252 100

253 29.2 28.5 42.7

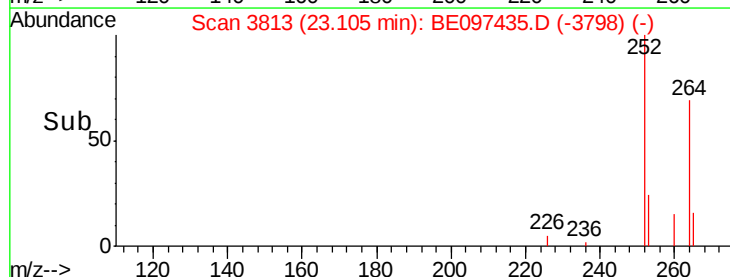
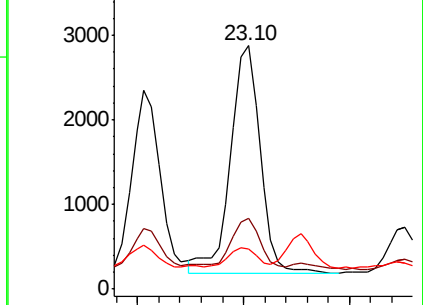
125 16.5 18.1 27.1#

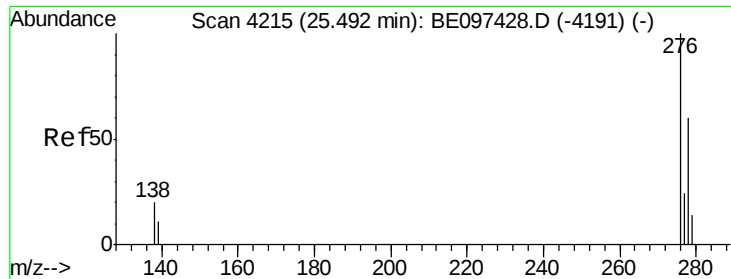


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

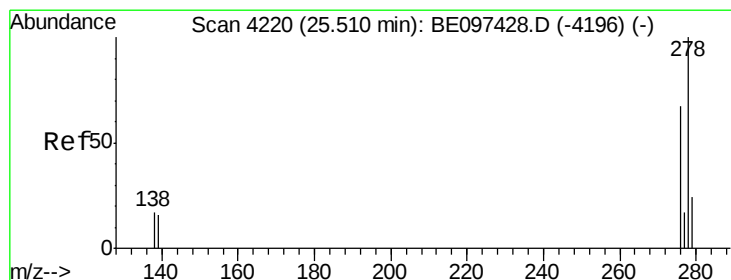
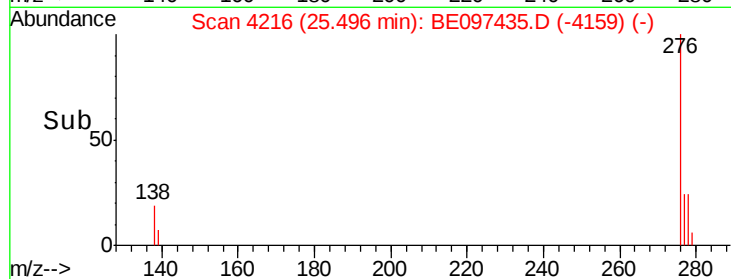
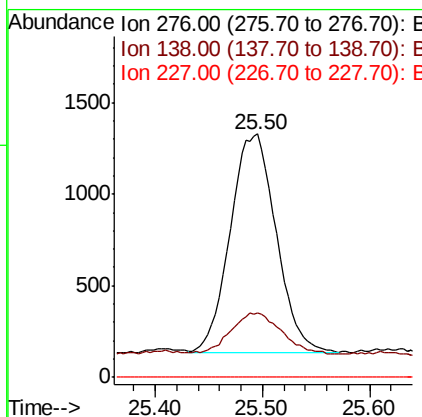
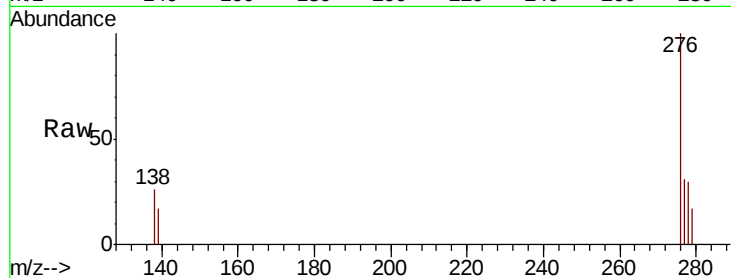




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.101 ng/ul
 RT: 25.50 min Scan# 4216
 Delta R.T. 0.00 min
 Lab File: BE097435.D
 Acq: 7 Sep 2018 23:59

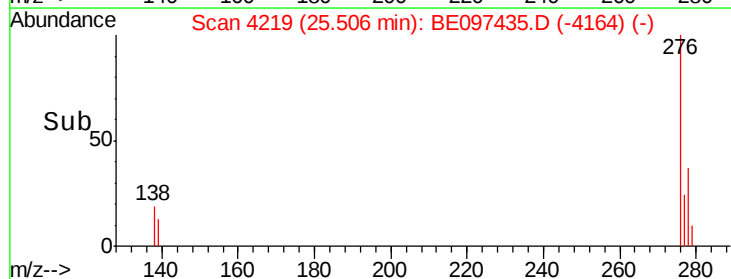
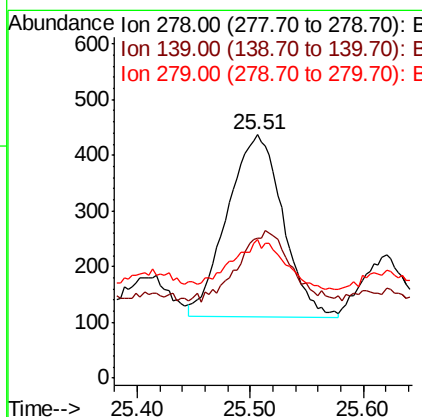
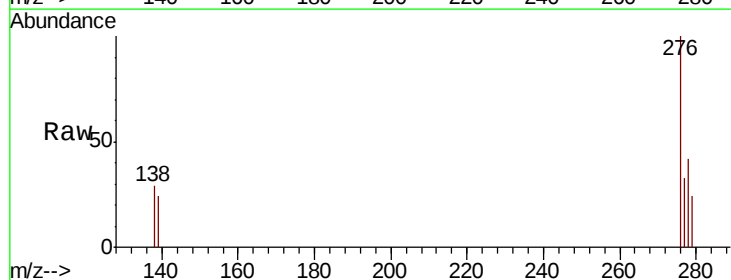
Instrument :
 BNA_E
 ClientSampleId :

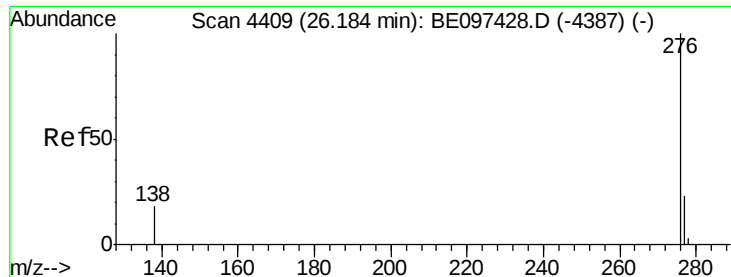
Tot Ion:276 Resp: 3527
 Ion Ratio Lower Upper
 276 100
 138 20.4 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 25.51 min Scan# 4219
 Delta R.T. -0.00 min
 Lab File: BE097435.D
 Acq: 7 Sep 2018 23:59

Tgt Ion:278 Resp: 1118
 Ion Ratio Lower Upper
 278 100
 139 57.4 17.4 26.0#
 279 56.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.126 ng/ul

RT: 26.19 min Scan# 4412

Delta R.T. 0.01 min

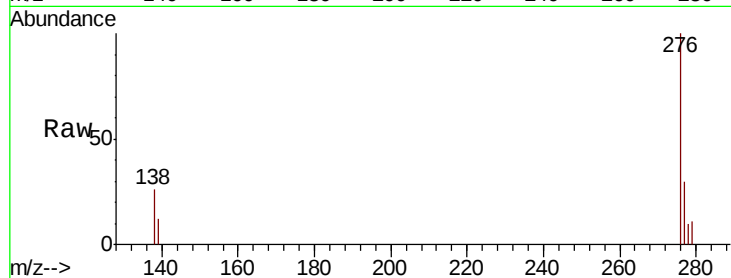
Lab File: BE097435.D

Acq: 7 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :



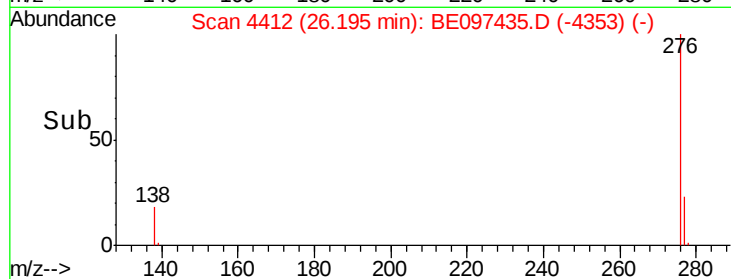
Tot Ion: 276 Resp: 3740

Ion Ratio Lower Upper

276 100

138 26.2 21.8 32.8

277 30.1 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

