

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097231.D
 Acq On : 8 Aug 2018 12:32
 Operator : SJ/JU
 Sample : J4268-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 23:26:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

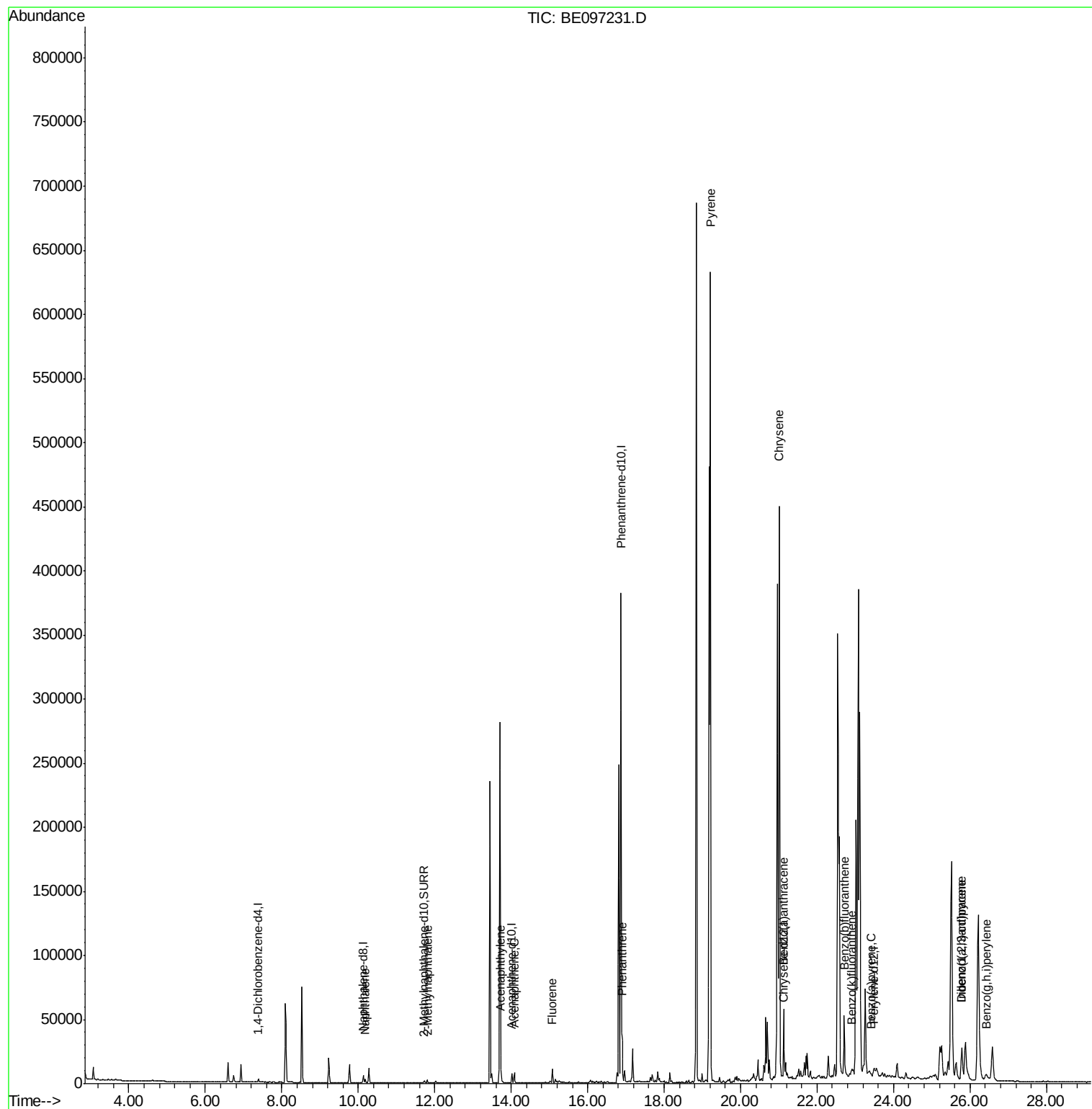
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5984	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3658	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	425963	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	148	0.40	ng/ul	0.14
20) Perylene-d12	23.48	264	2429	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2046	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	121	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	4334	0.299	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	1999	0.209	ng/ul	99
7) Acenaphthylene	13.73	152	8922	0.564	ng/ul	98
8) Acenaphthene	14.08	153	4619	0.404	ng/ul#	95
9) Fluorene	15.08	166	6991	0.532	ng/ul	95
12) Phenanthrene	16.90	178	32248	0.030	ng/ul#	90
17) Pyrene	19.21	202	666008	1679.404	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	36357	85.968	ng/ul#	49
19) Chrysene	21.02	228	413747	949.401	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	60745	9.175	ng/ul	91
22) Benzo(k)fluoranthene	22.91	252	3294	0.461	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	1061	0.160	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	9987	1.205	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.78	278	39200	5.778	ng/ul#	89
26) Benzo(g,h,i)perylene	26.43	276	5586	0.780	ng/ul#	65

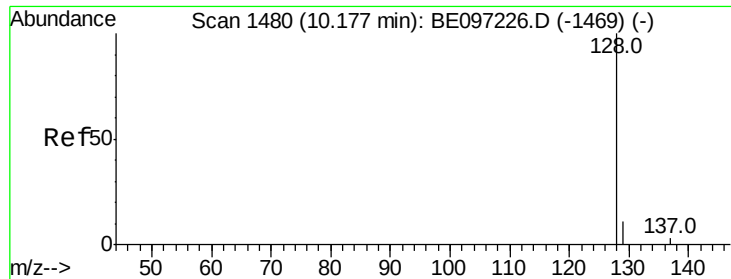
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.299 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

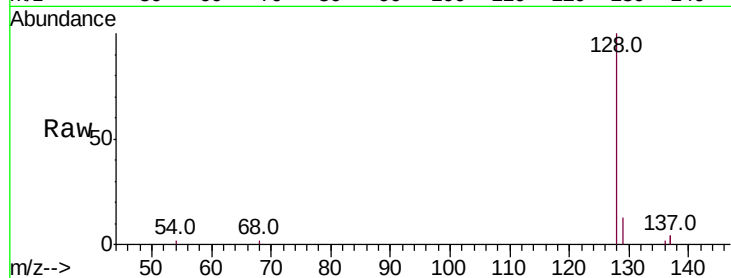
Tot Ion:128 Resp: 4334

Ion Ratio Lower Upper

128 100

129 12.9 11.3 16.9

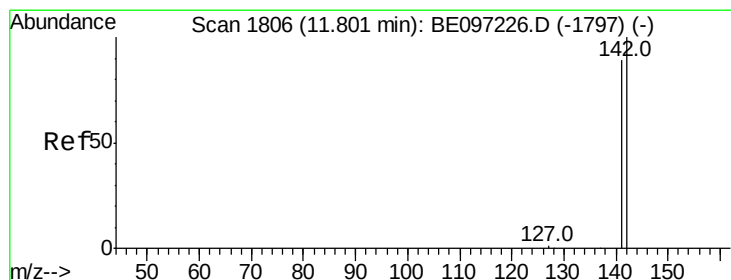
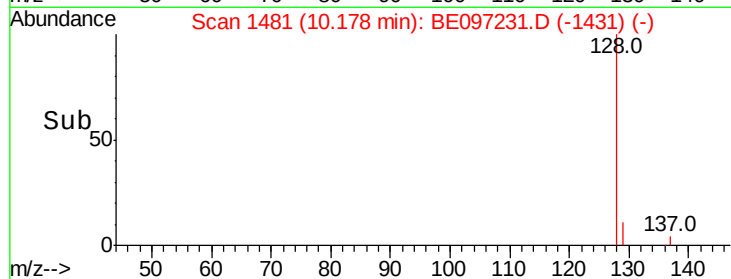
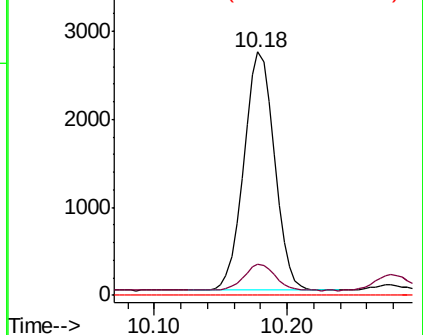
127 0.0 4.0 6.0#



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: 0.209 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097231.D

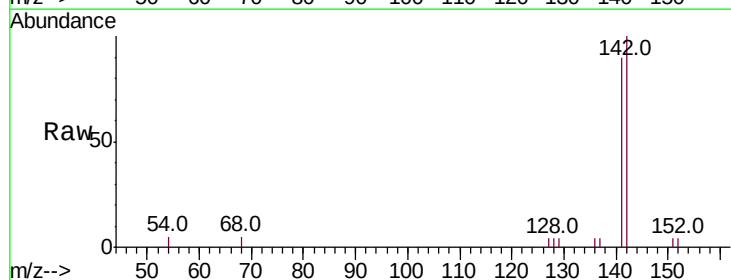
Acq: 8 Aug 2018 12:32

Tgt Ion:142 Resp: 1999

Ion Ratio Lower Upper

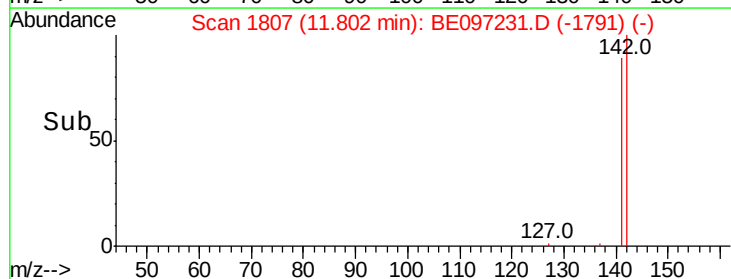
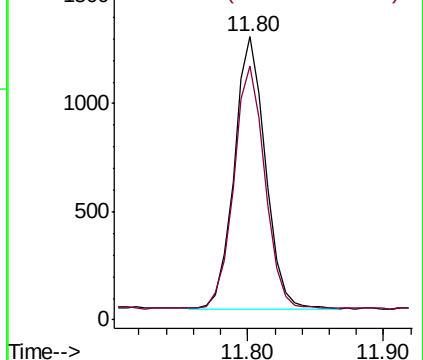
142 100

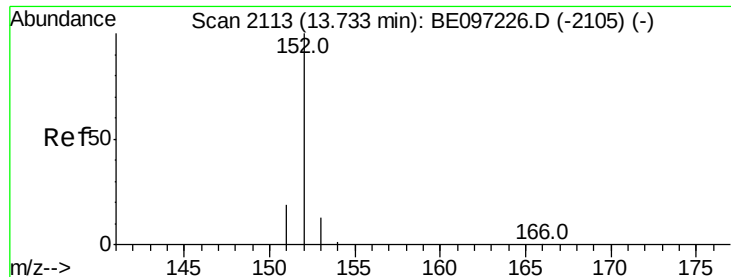
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.564 ng/ul

RT: 13.73 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

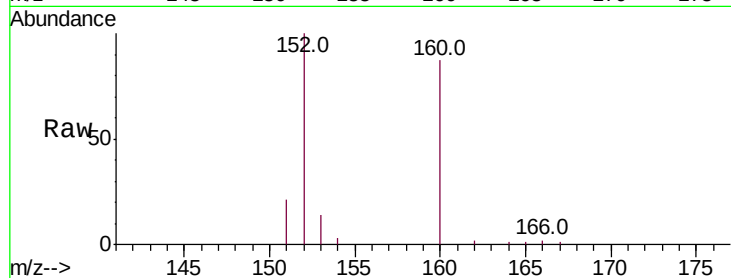
Tot Ion:152 Resp: 8922

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

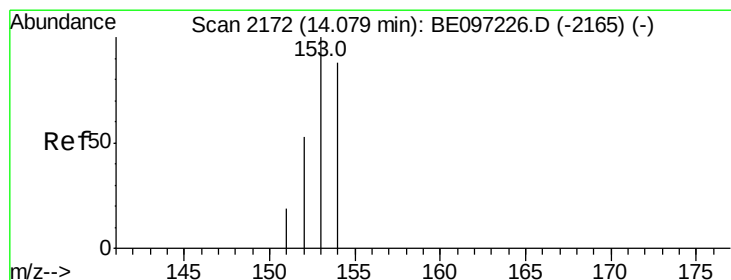
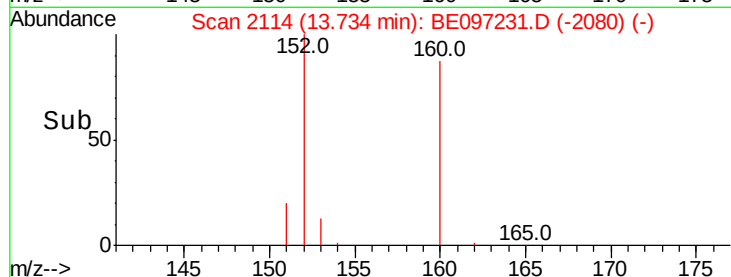
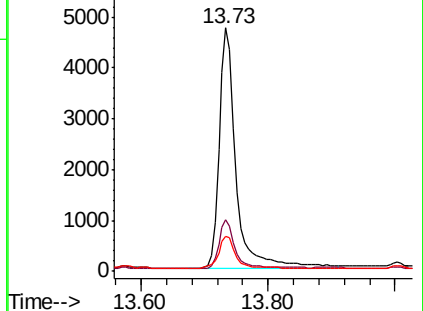
153 14.5 12.8 19.2



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: 0.404 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

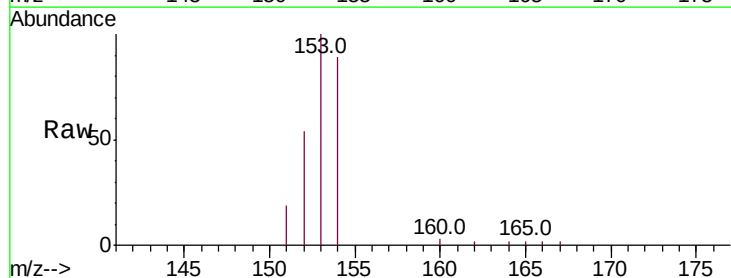
Tgt Ion:153 Resp: 4619

Ion Ratio Lower Upper

153 100

152 54.3 36.0 54.0#

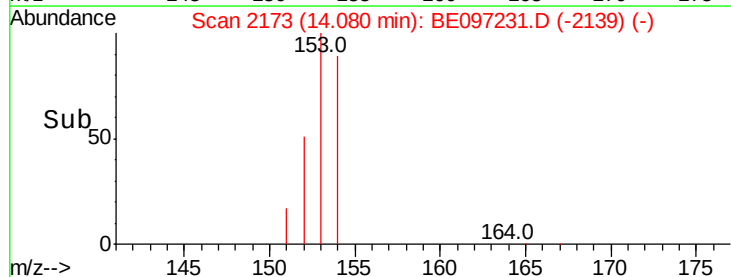
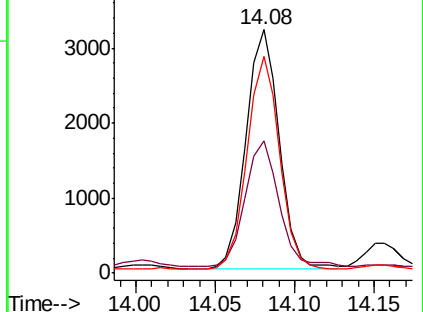
154 88.9 72.0 108.0

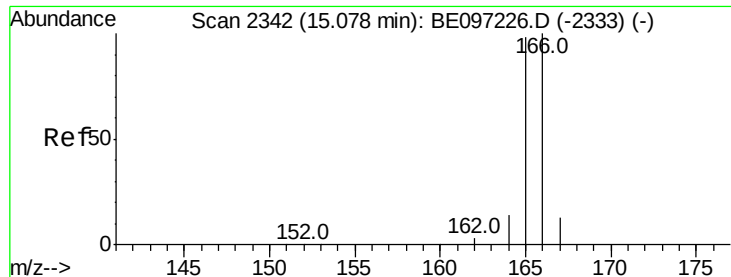


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

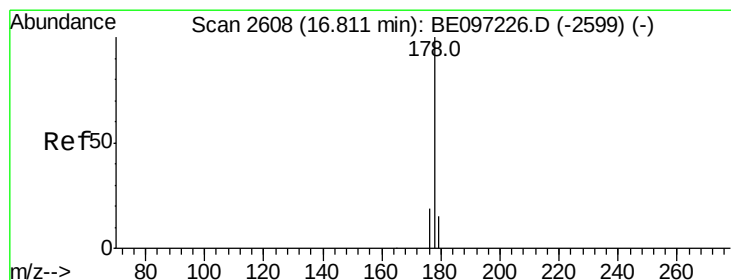
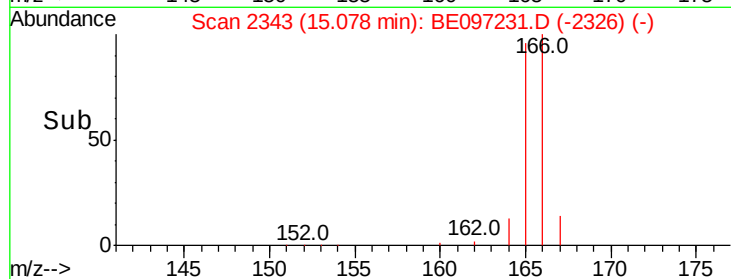
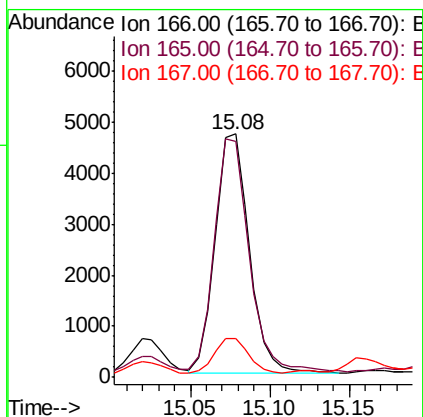
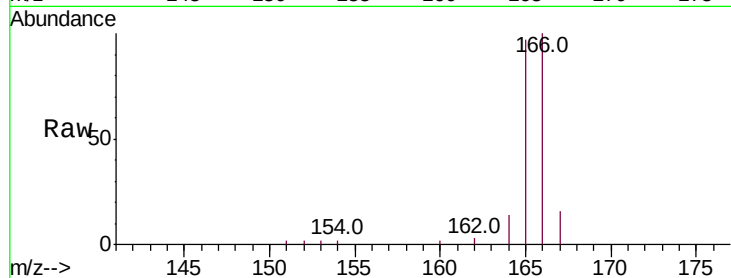




#9
Fluorene
 Concen: 0.532 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BE097231.D
 Acq: 8 Aug 2018 12:32

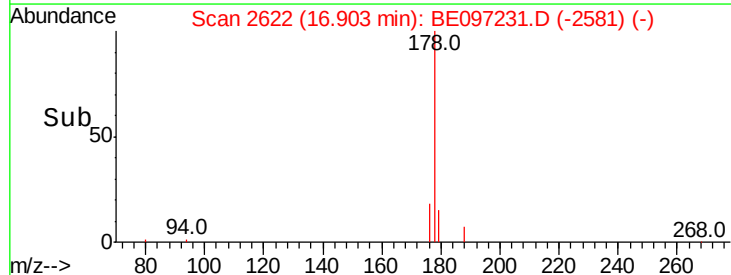
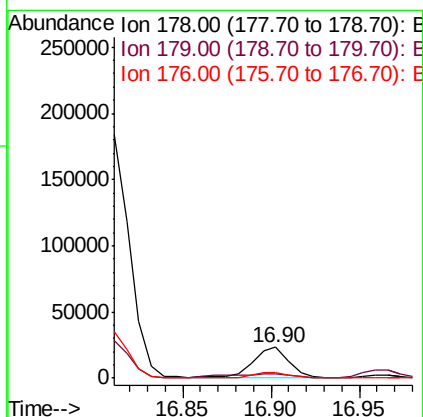
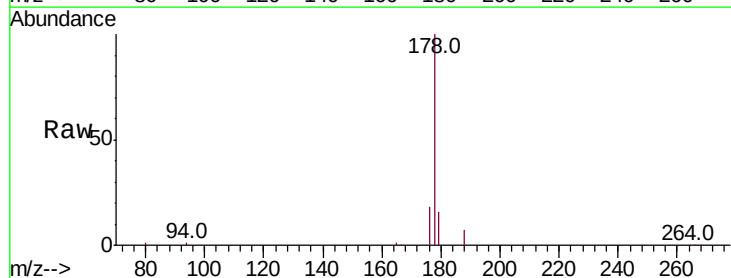
Instrument :
 BNA_E
 ClientSampleId :

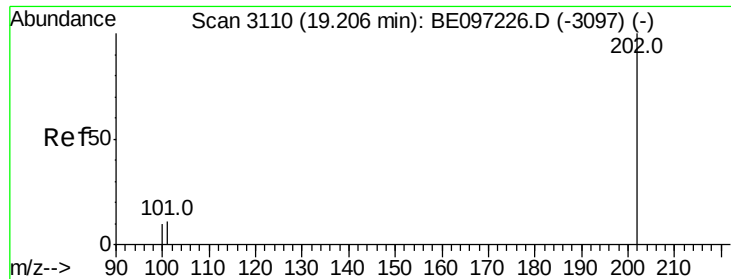
Tot Ion:166 Resp: 6991
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 16.1 14.6 22.0



#12
Phenanthrene
 Concen: 0.030 ng/ul
 RT: 16.90 min Scan# 2622
 Delta R.T. 0.09 min
 Lab File: BE097231.D
 Acq: 8 Aug 2018 12:32

Tgt Ion:178 Resp: 32248
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.4 27.6#
 176 18.5 13.6 20.4

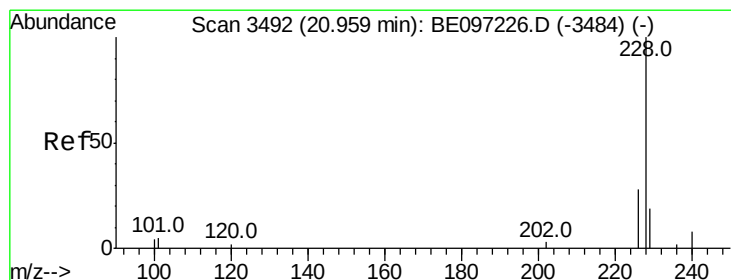
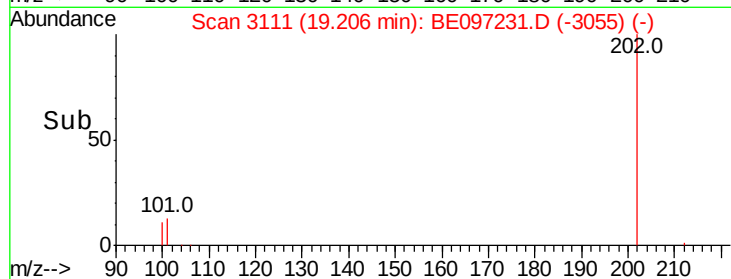
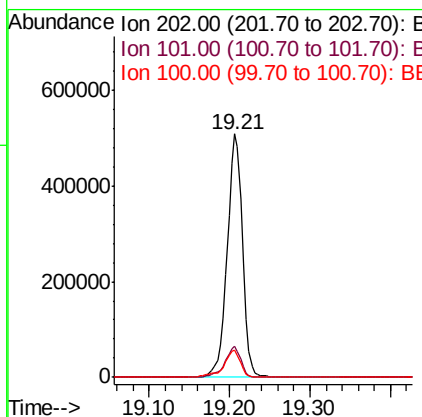
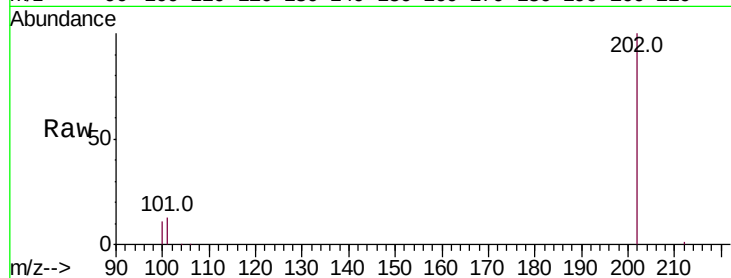




#17
Pvrene
Concen: 1679.404 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

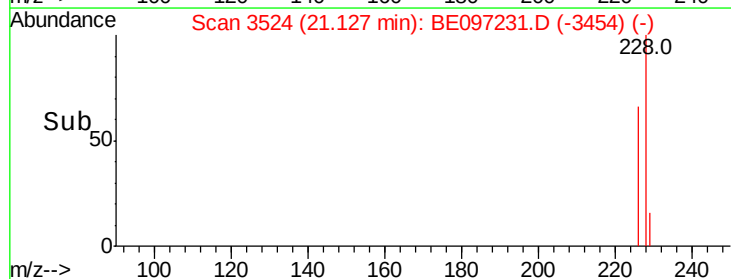
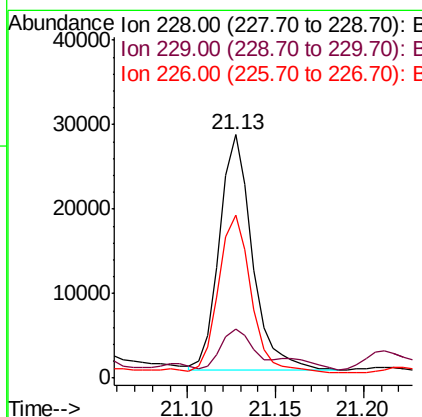
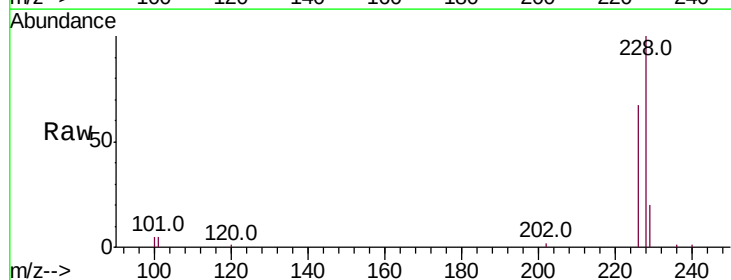
Instrument :
BNA_E
ClientSampleId :

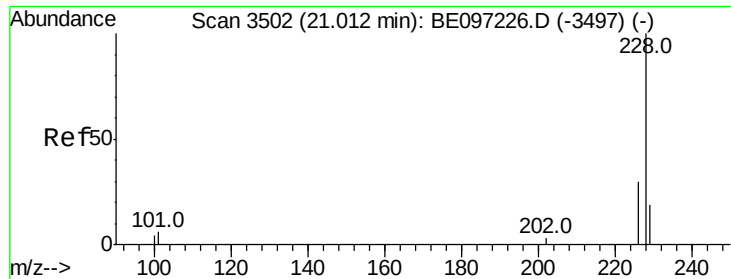
Tot Ion:202 Resp: 666008
Ion Ratio Lower Upper
202 100
101 12.6 18.2 27.4#
100 11.0 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 85.968 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.17 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:228 Resp: 36357
Ion Ratio Lower Upper
228 100
229 20.1 22.8 34.2#
226 67.1 17.0 25.6#





#19

Chrysene

Concen: 949.401 ng/ul

RT: 21.02 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

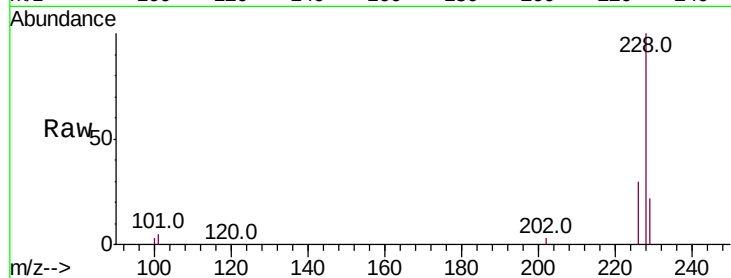
Tot Ion:228 Resp: 413747

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

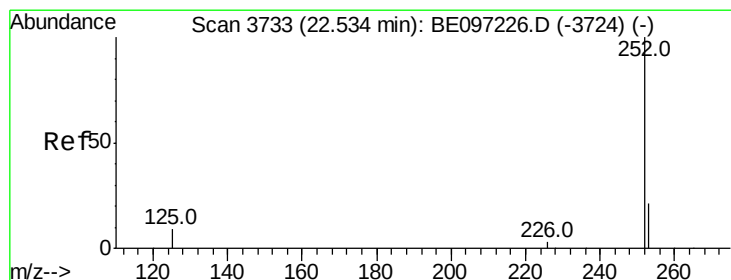
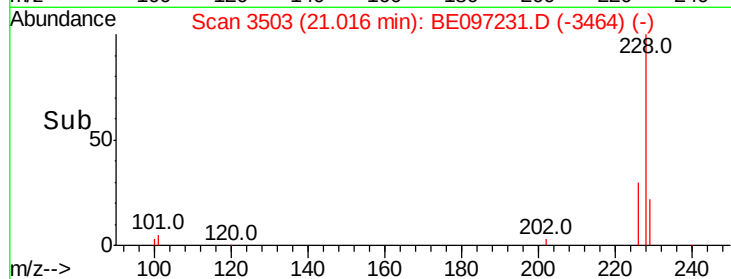
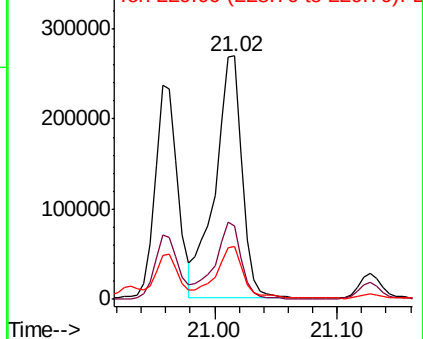
229 21.9 17.7 26.5



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: 9.175 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

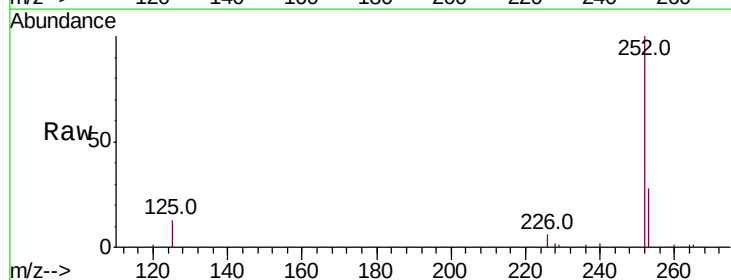
Tgt Ion:252 Resp: 60745

Ion Ratio Lower Upper

252 100

253 27.7 0.0 64.2

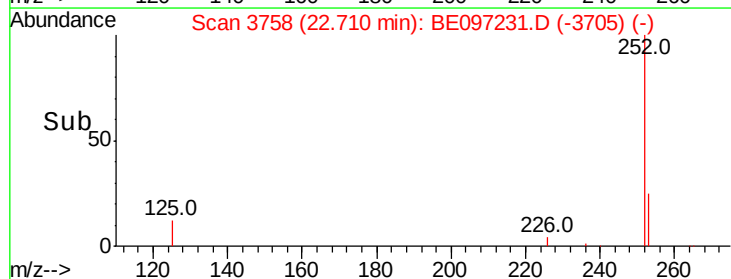
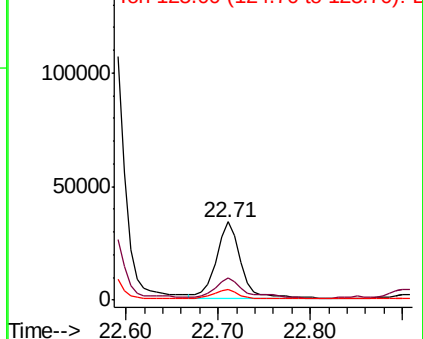
125 12.9 0.0 35.0

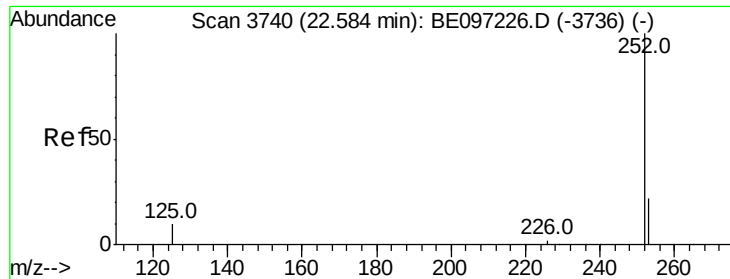


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.461 ng/ul

RT: 22.91 min Scan# 3786

Delta R.T. 0.32 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

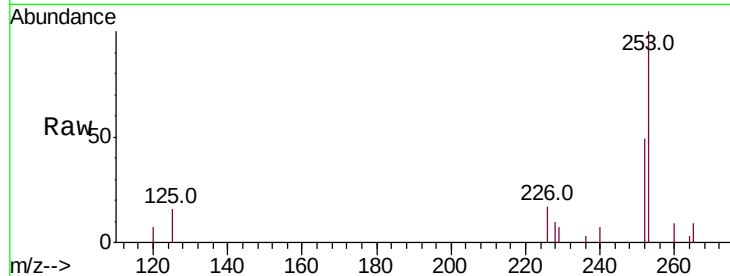
Tot Ion:252 Resp: 3294

Ion Ratio Lower Upper

252 100

253 203.2 24.5 36.7#

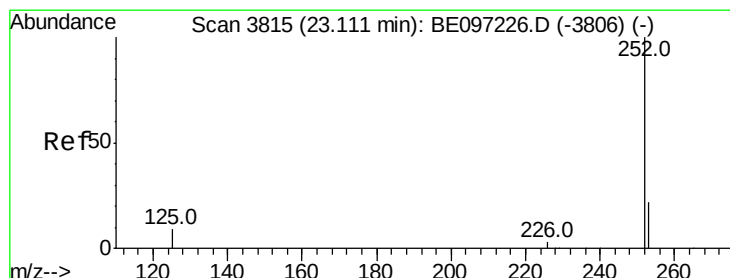
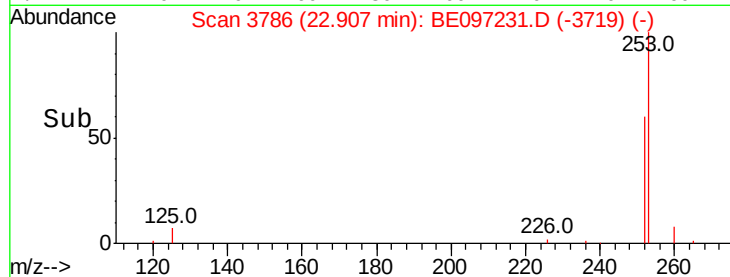
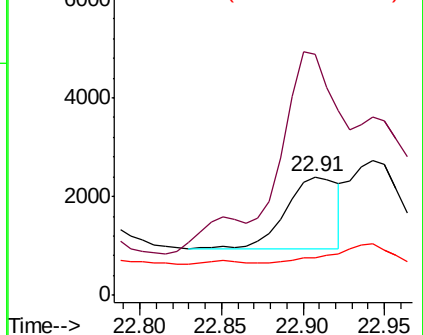
125 31.8 13.7 20.5#



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: 0.160 ng/ul

RT: 23.41 min Scan# 3858

Delta R.T. 0.30 min

Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

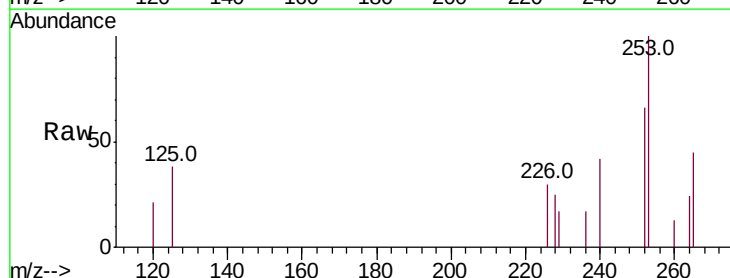
Tgt Ion:252 Resp: 1061

Ion Ratio Lower Upper

252 100

253 150.8 28.5 42.7#

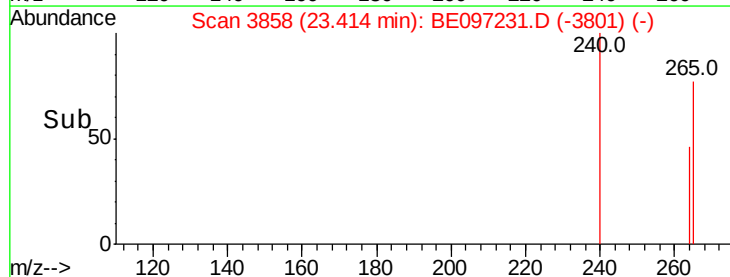
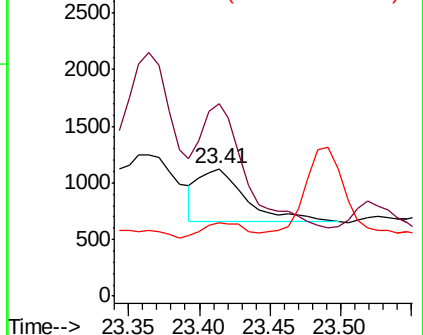
125 57.2 18.1 27.1#

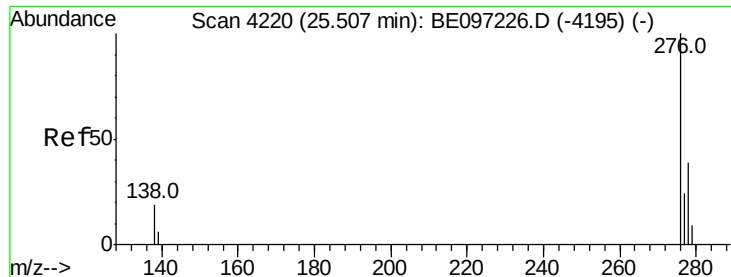


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



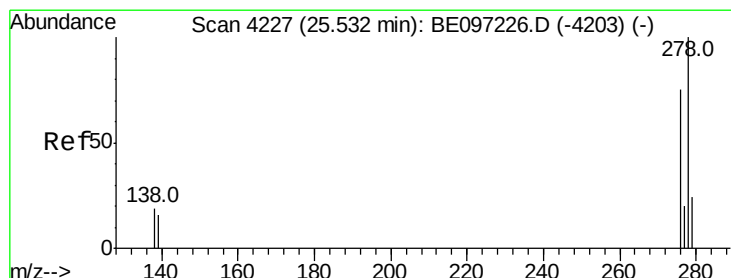
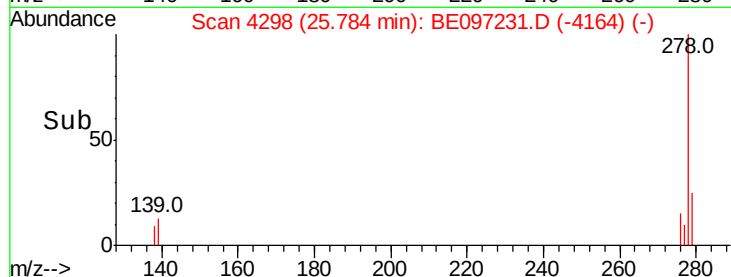
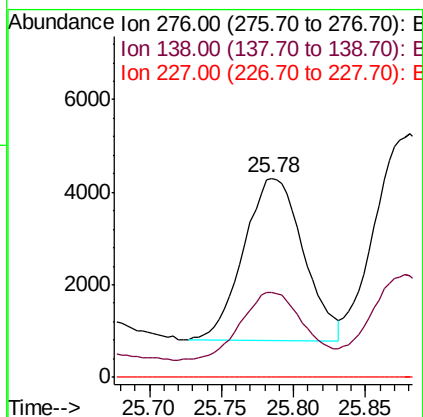
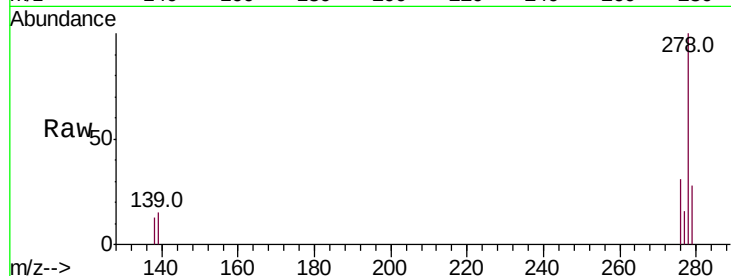


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.205 ng/ul
RT: 25.78 min Scan# 4298
Delta R.T. 0.28 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

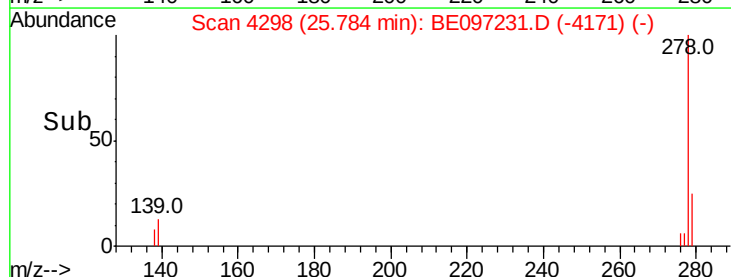
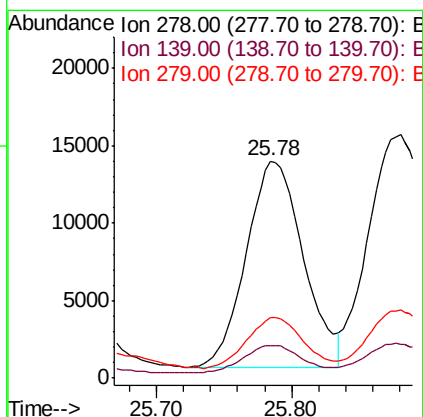
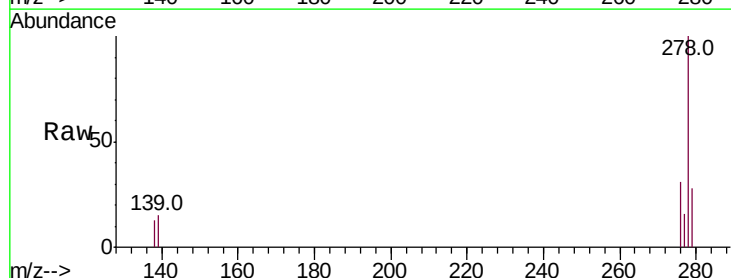
Tot Ion:276 Resp: 9987
Ion Ratio Lower Upper
276 100
138 43.1 28.0 42.0#
227 0.0 8.0 12.0#

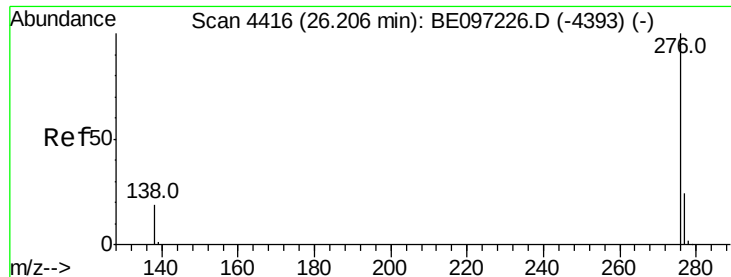


#25

Dibenzo(a,h)anthracene
Concen: 5.778 ng/ul
RT: 25.78 min Scan# 4298
Delta R.T. 0.25 min
Lab File: BE097231.D
Acq: 8 Aug 2018 12:32

Tgt Ion:278 Resp: 39200
Ion Ratio Lower Upper
278 100
139 14.8 17.4 26.0#
279 27.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.780 ng/ul

RT: 26.43 min Scan# 4479

Delta R.T. 0.22 min

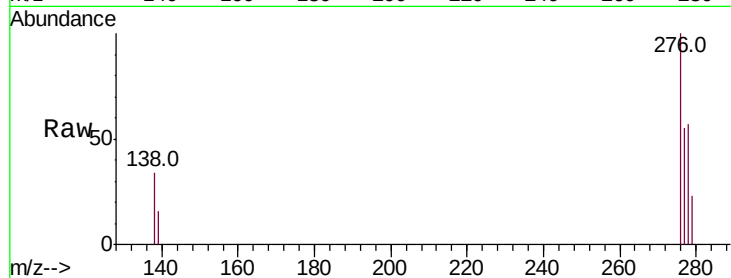
Lab File: BE097231.D

Acq: 8 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :



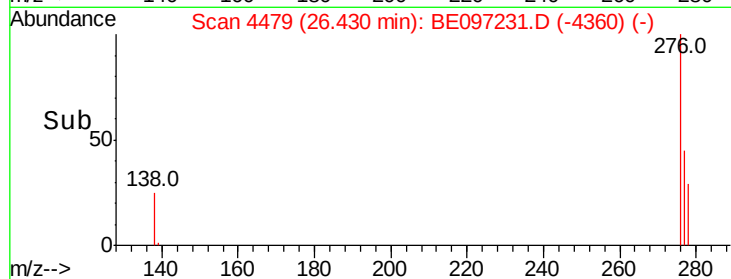
Tot Ion:276 Resp: 5586

Ion Ratio Lower Upper

276 100

138 33.6 21.8 32.8#

277 55.4 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

