

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097867.D
 Acq On : 11 Oct 2018 21:09
 Operator : SJ/JU
 Sample : J5183-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 03:59:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 03:56:08 2018
 Response via : Initial Calibration

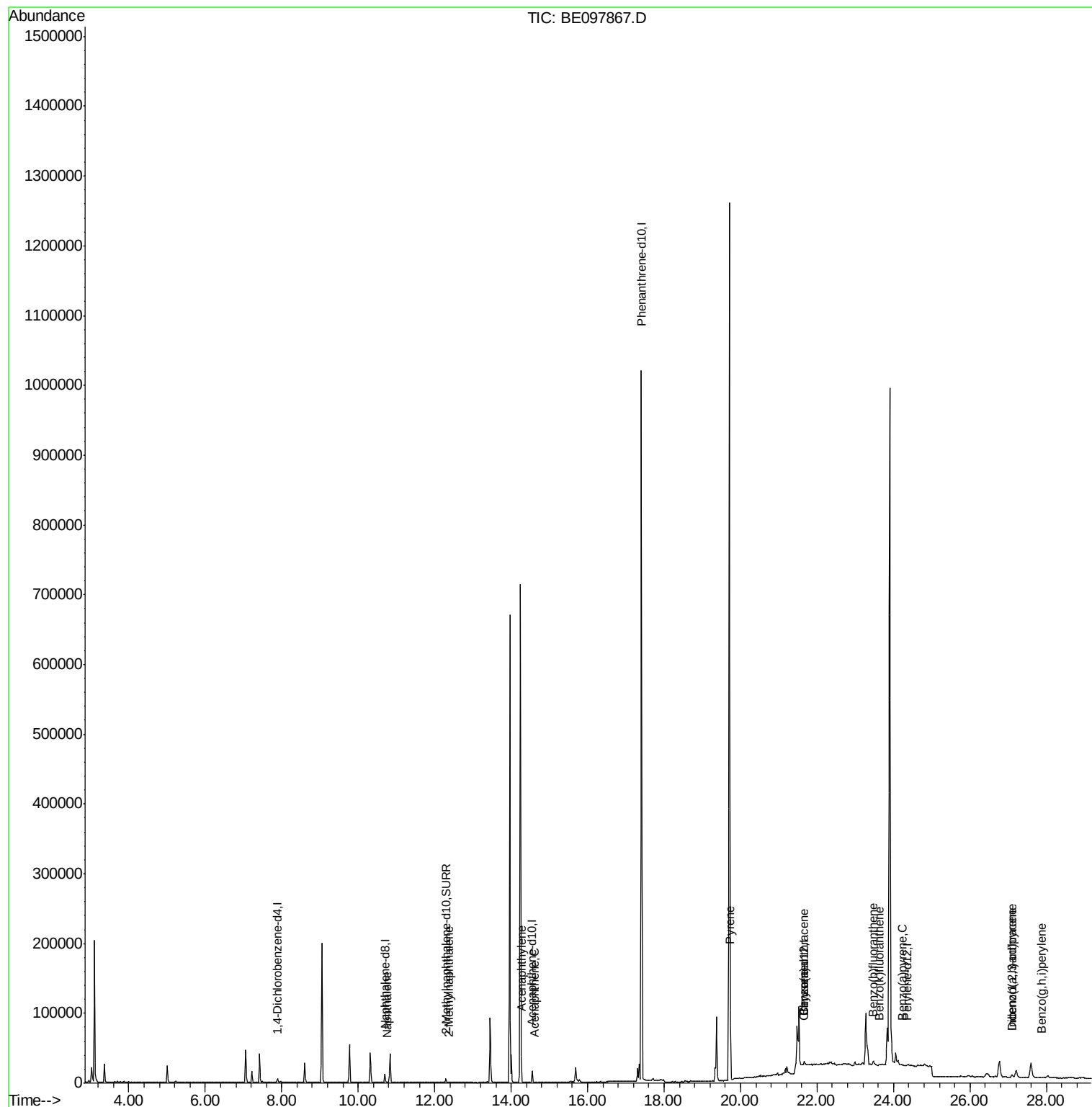
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2704	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13601	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.55	164	9638	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.41	188	1184867	0.40	ng/ul	0.11
16) Chrysene-d12	21.64	240	80	0.40	ng/ul	0.16
20) Perylene-d12	24.36	264	154	0.40	ng/ul	0.33
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6903	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.40	212	434	0.00	ng/ul	0.07
Target Compounds						
					Ovalue	
3) Naphthalene	10.75	128	1352	0.041	ng/ul#	74
5) 2-Methylnaphthalene	12.36	142	781	0.033	ng/ul	99
7) Acenaphthylene	14.27	152	836	0.023	ng/ul#	62
8) Acenaphthene	14.61	153	632	0.022	ng/ul	93
17) Pyrene	19.73	202	99648	418.121	ng/ul	99
18) Benzo(a)anthracene	21.66	228	5675	23.462	ng/ul#	4
19) Chrysene	21.66	228	5675	26.112	ng/ul#	6
21) Benzo(b)fluoranthene	23.47	252	7860	19.097	ng/ul#	1
22) Benzo(k)fluoranthene	23.63	252	146	0.331	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	99	0.245	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.09	276	1984	4.325	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.10	278	6545	17.263	ng/ul#	1
26) Benzo(g,h,i)perylene	27.87	276	407	1.018	ng/ul#	1

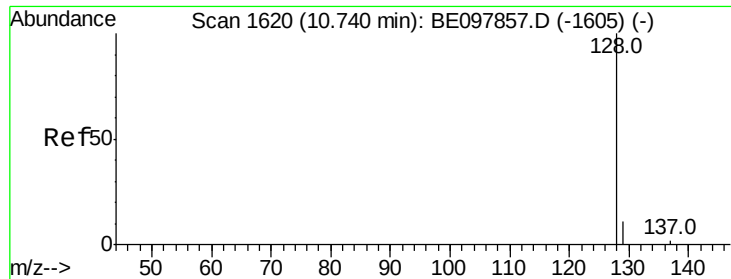
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

ClientSampleId :

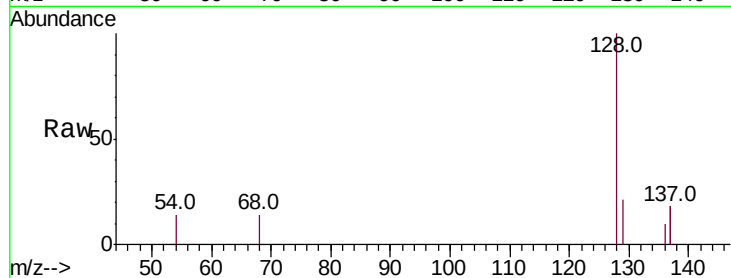
Tot Ion:128 Resp: 1352

Ion Ratio Lower Upper

128 100

129 21.3 9.1 13.7#

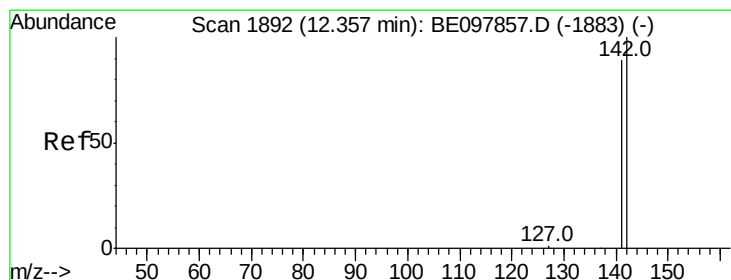
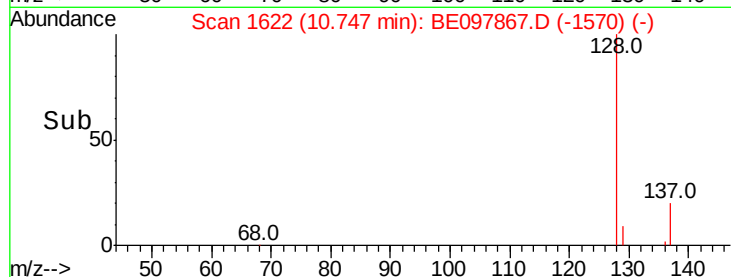
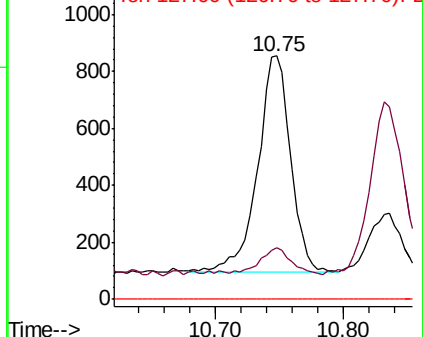
127 0.0 0.0 0.0



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: 0.033 ng/ul

RT: 12.36 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BE097867.D

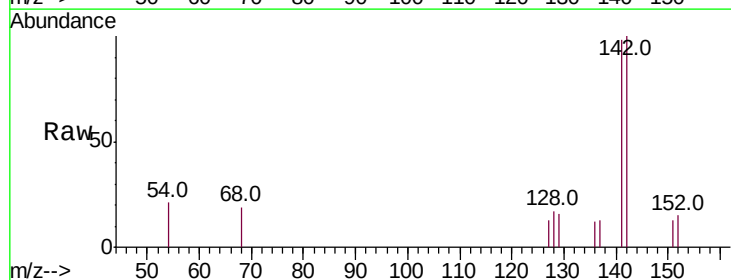
Acq: 11 Oct 2018 21:09

Tgt Ion:142 Resp: 781

Ion Ratio Lower Upper

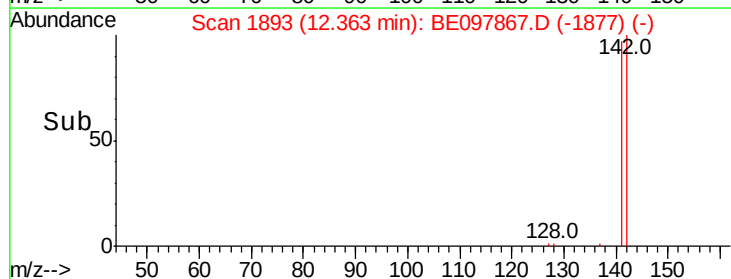
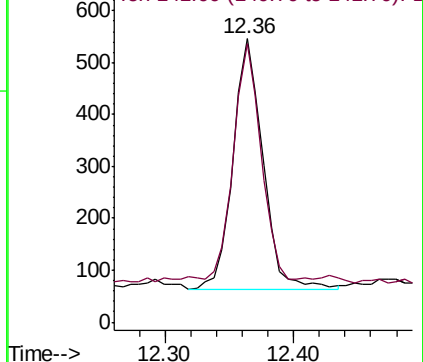
142 100

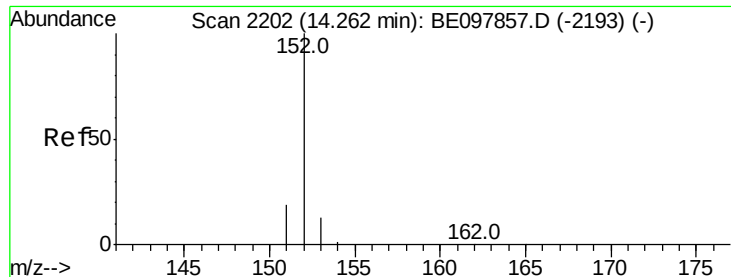
141 90.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

ClientSampleId :

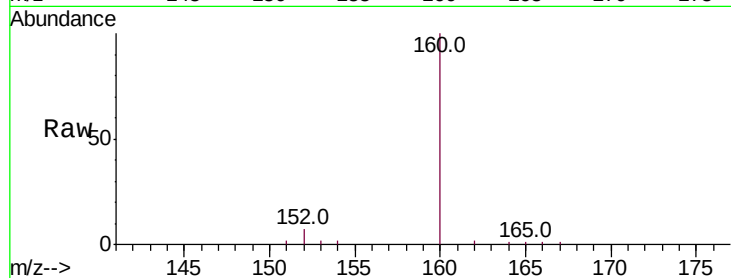
Tot Ion:152 Resp: 836

Ion Ratio Lower Upper

152 100

151 36.2 15.0 22.6#

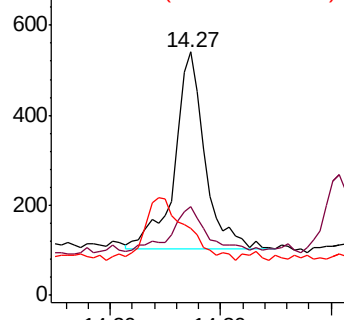
153 27.7 10.5 15.7#



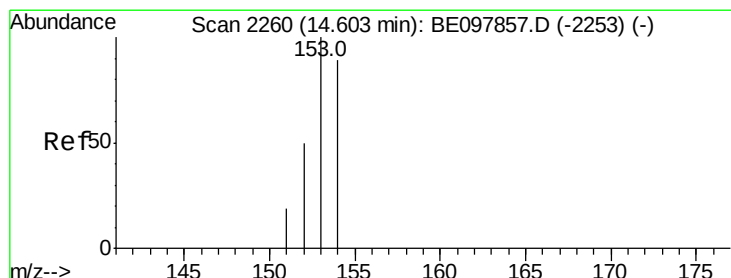
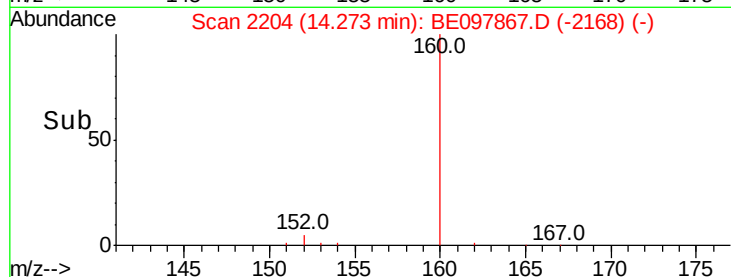
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.61 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

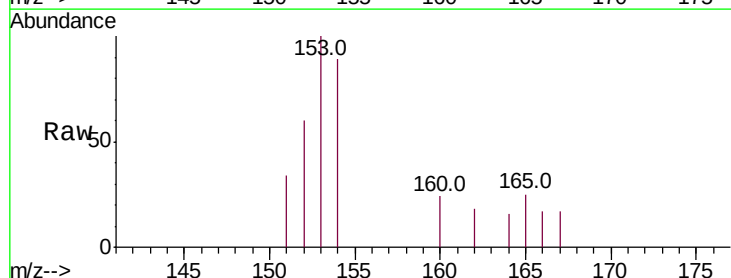
Tgt Ion:153 Resp: 632

Ion Ratio Lower Upper

153 100

152 60.2 41.2 61.8

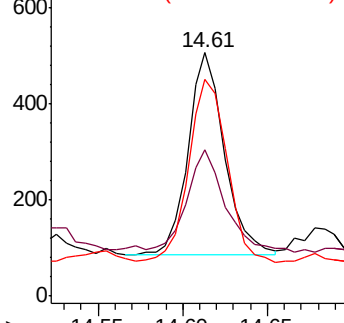
154 89.0 68.6 103.0



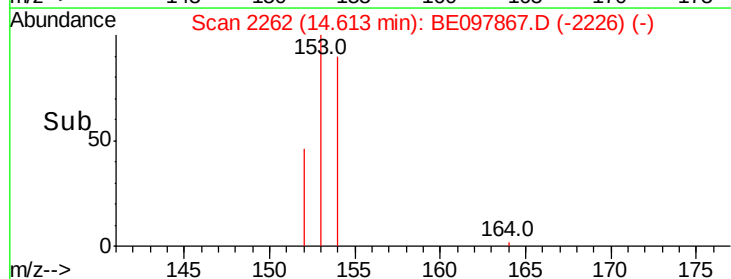
Abundance Ion 153.00 (152.70 to 153.70): E

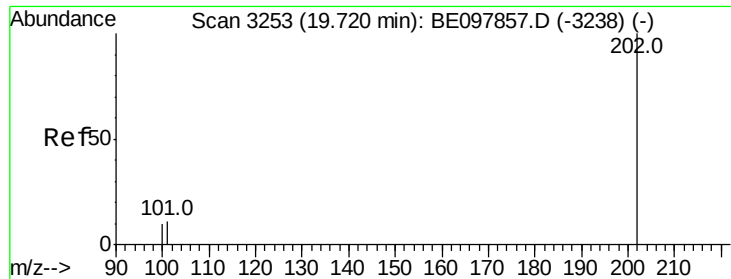
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->

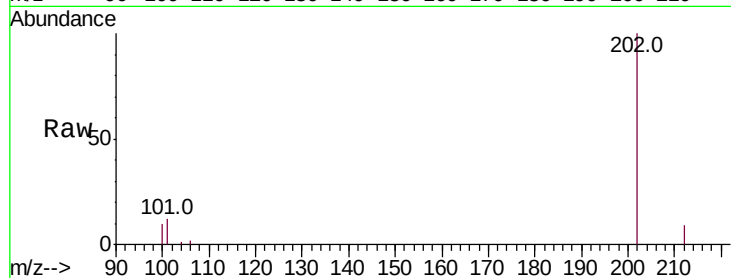




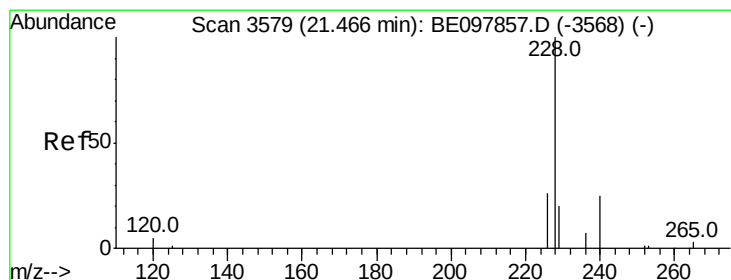
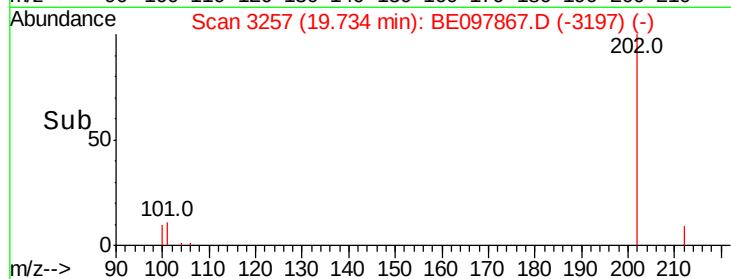
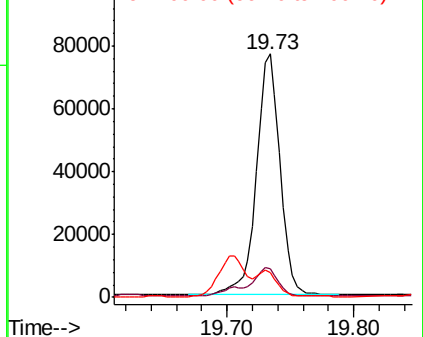
#17
Pvrene
Concen: 418.121 ng/ul
RT: 19.73 min Scan# 3257
Delta R.T. 0.01 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 99648
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 10.0 7.9 11.9

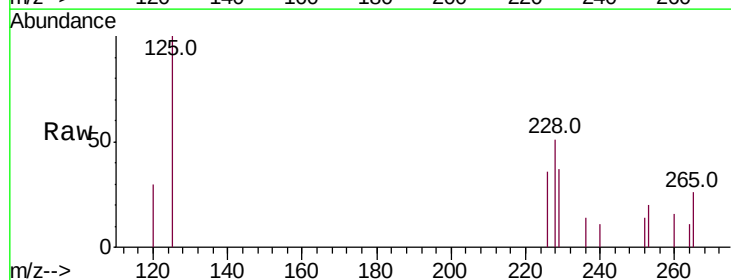


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

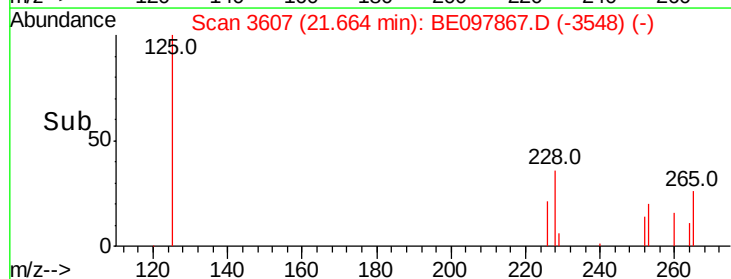
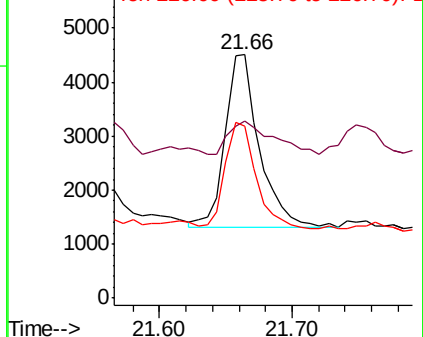


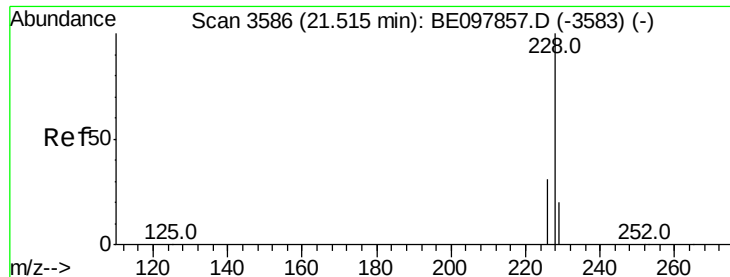
#18
Benzo(a)anthracene
Concen: 23.462 ng/ul
RT: 21.66 min Scan# 3607
Delta R.T. 0.20 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Tgt Ion:228 Resp: 5675
Ion Ratio Lower Upper
228 100
229 72.6 16.4 24.6#
226 70.5 21.5 32.3#



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: 26.112 ng/ul

RT: 21.66 min Scan# 3607

Delta R.T. 0.15 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

ClientSampled :

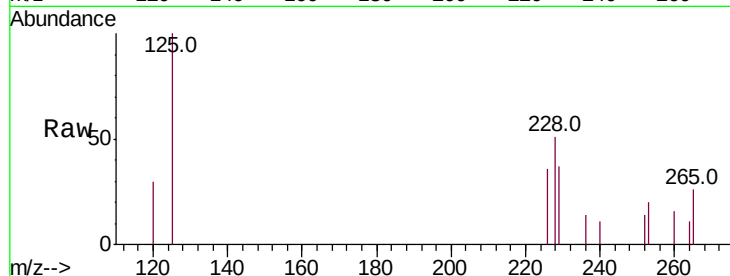
Tot Ion:228 Resp: 5675

Ion Ratio Lower Upper

228 100

226 70.5 23.0 34.4#

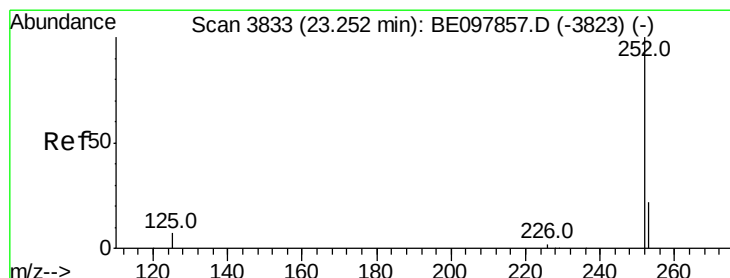
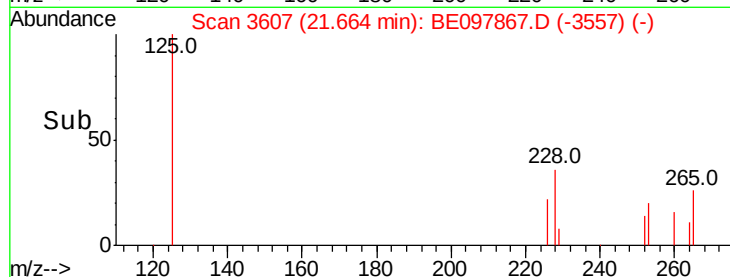
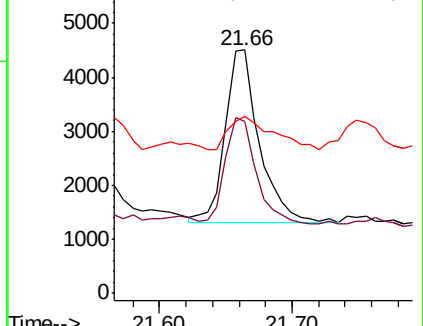
229 72.6 15.5 23.3#



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: 19.097 ng/ul

RT: 23.47 min Scan# 3864

Delta R.T. 0.22 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

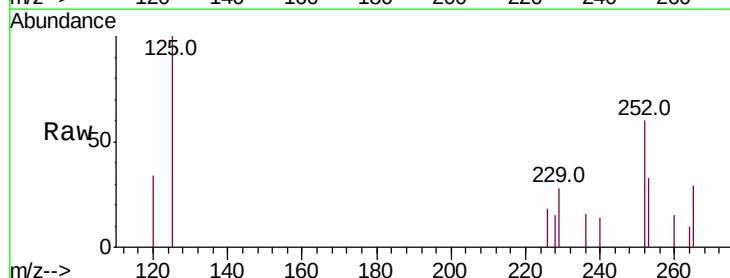
Tgt Ion:252 Resp: 7860

Ion Ratio Lower Upper

252 100

253 55.4 0.0 47.0#

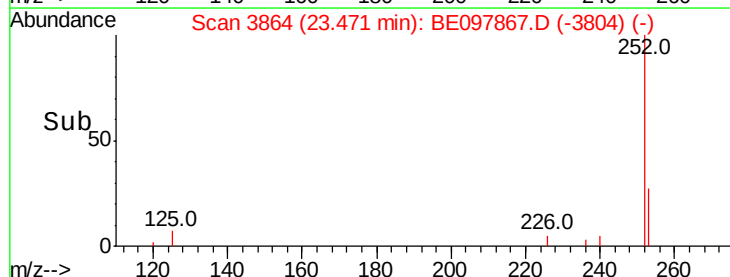
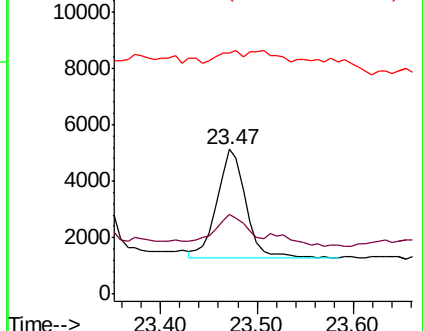
125 166.3 0.0 18.2#

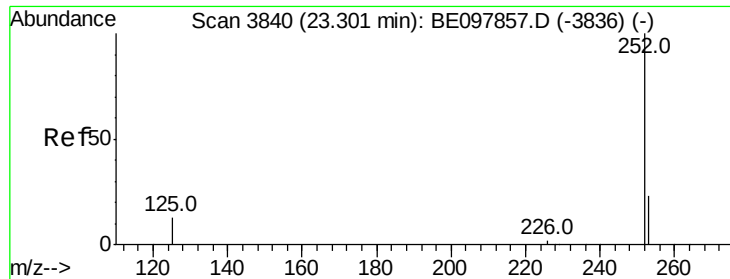


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.331 ng/ul

RT: 23.63 min Scan# 3886

Delta R.T. 0.33 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

ClientSampleId :

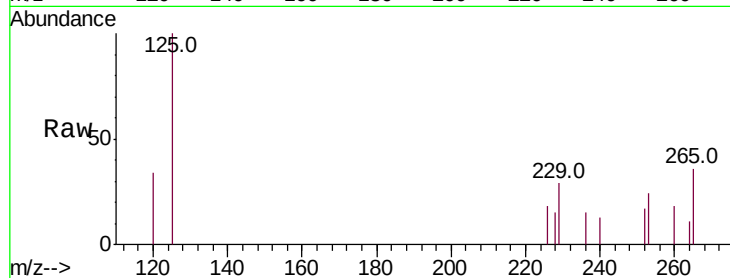
Tot Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

253 140.4 17.8 26.6#

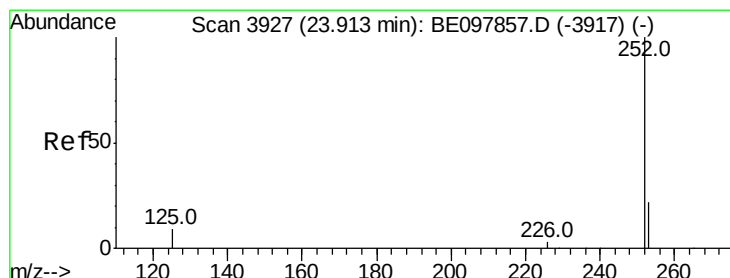
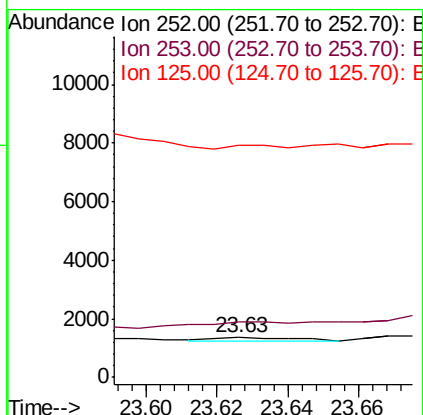
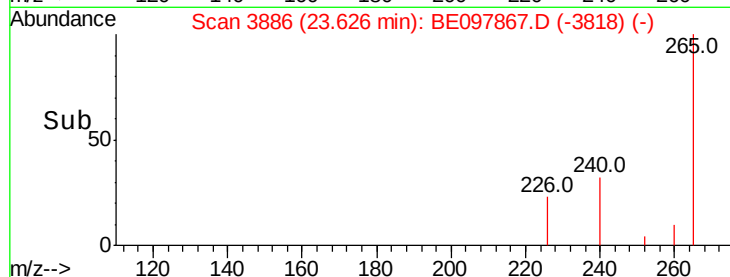
125 586.3 9.4 14.0#



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



#23

Benzo(a)pyrene

Concen: 0.245 ng/ul

RT: 24.23 min Scan# 3972

Delta R.T. 0.32 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

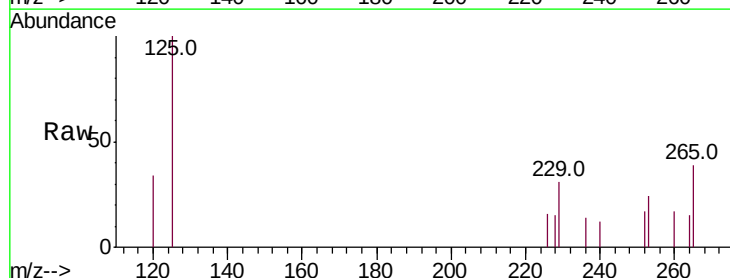
Tgt Ion:252 Resp: 99

Ion Ratio Lower Upper

252 100

253 140.5 18.2 27.4#

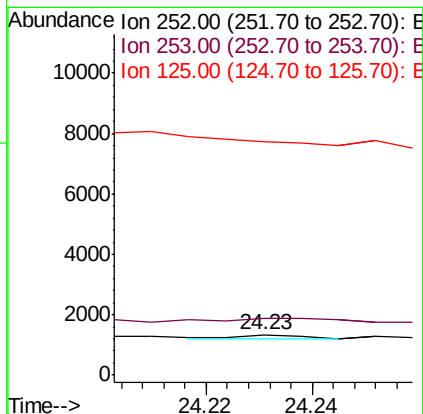
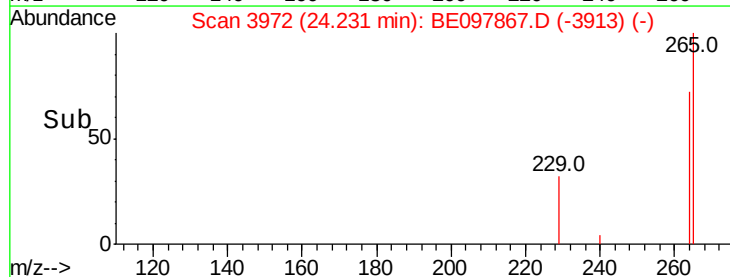
125 580.6 8.3 12.5#

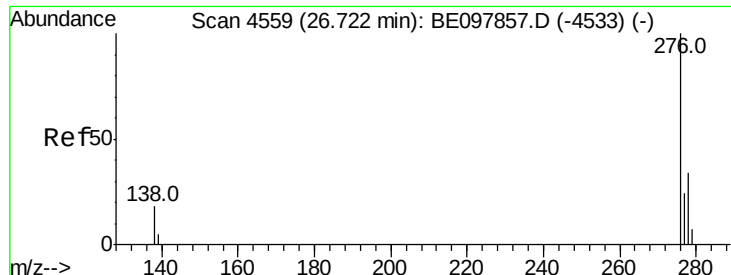


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



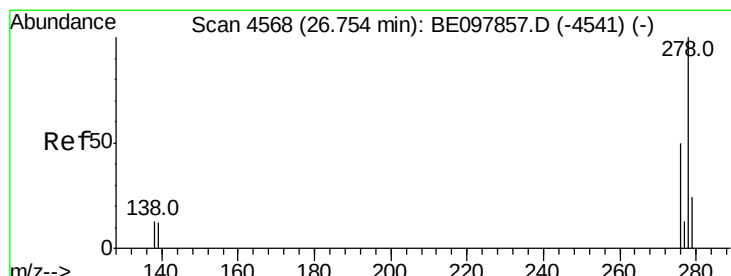
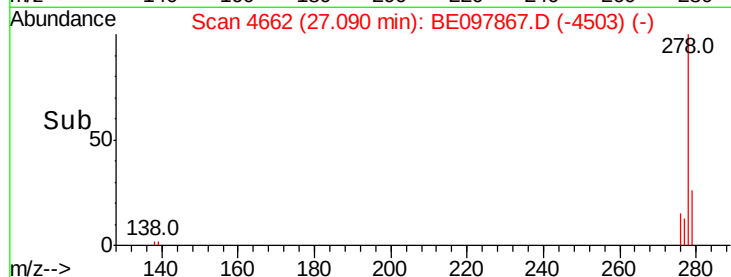
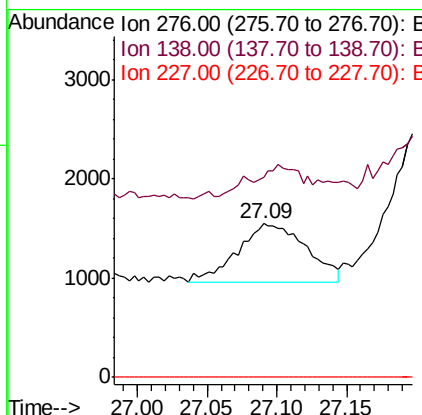
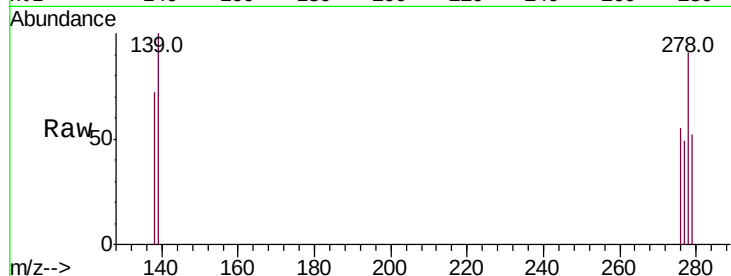


#24

Indeno(1,2,3-cd)pyrene
Concen: 4.325 ng/ul
RT: 27.09 min Scan# 4662
Delta R.T. 0.37 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Instrument :
BNA_E
ClientSampleId :

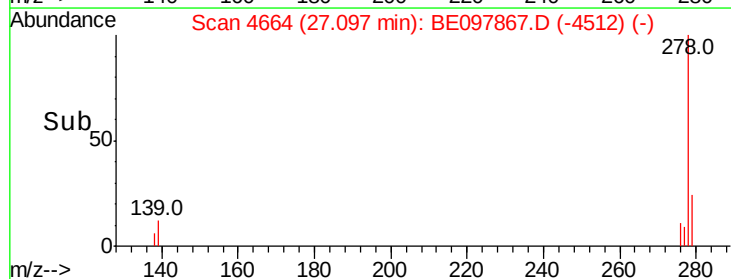
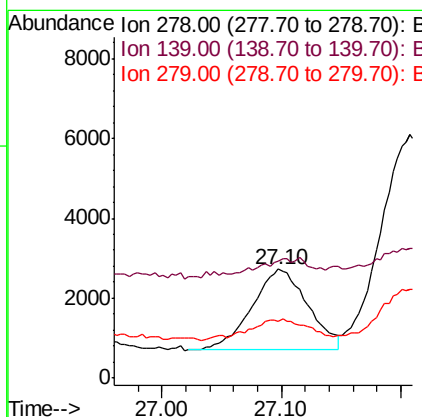
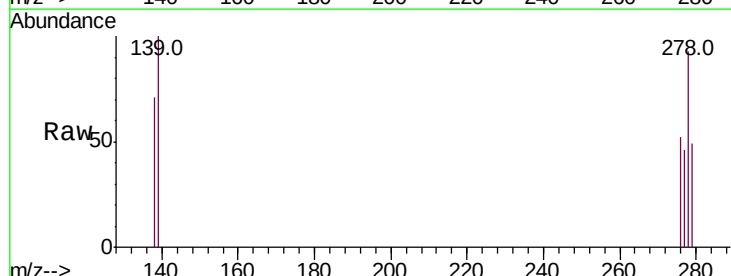
Tot Ion:276 Resp: 1984
Ion Ratio Lower Upper
276 100
138 47.7 0.0 0.0#
227 0.0 0.0 0.0

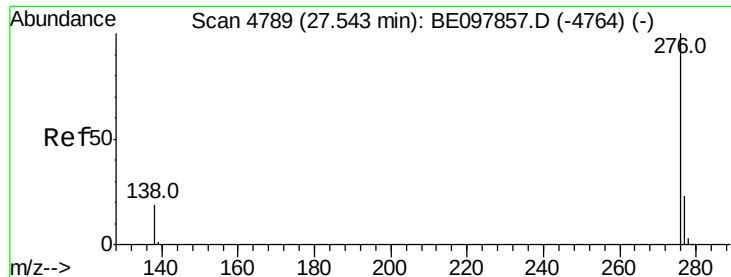


#25

Dibenzo(a,h)anthracene
Concen: 17.263 ng/ul
RT: 27.10 min Scan# 4664
Delta R.T. 0.34 min
Lab File: BE097867.D
Acq: 11 Oct 2018 21:09

Tgt Ion:278 Resp: 6545
Ion Ratio Lower Upper
278 100
139 107.5 10.9 16.3#
279 52.5 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 1.018 ng/ul

RT: 27.87 min Scan# 4881

Delta R.T. 0.33 min

Lab File: BE097867.D

Acq: 11 Oct 2018 21:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 407

Ion Ratio Lower Upper

276 100

138 147.5 14.3 21.5#

277 94.9 19.5 29.3#

