

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097894.D
 Acq On : 13 Oct 2018 00:21
 Operator : SJ/JU
 Sample : J5183-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 13 03:01:29 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 : Sat Oct 13 02:57:21 2018
 Response via : Initial Calibration

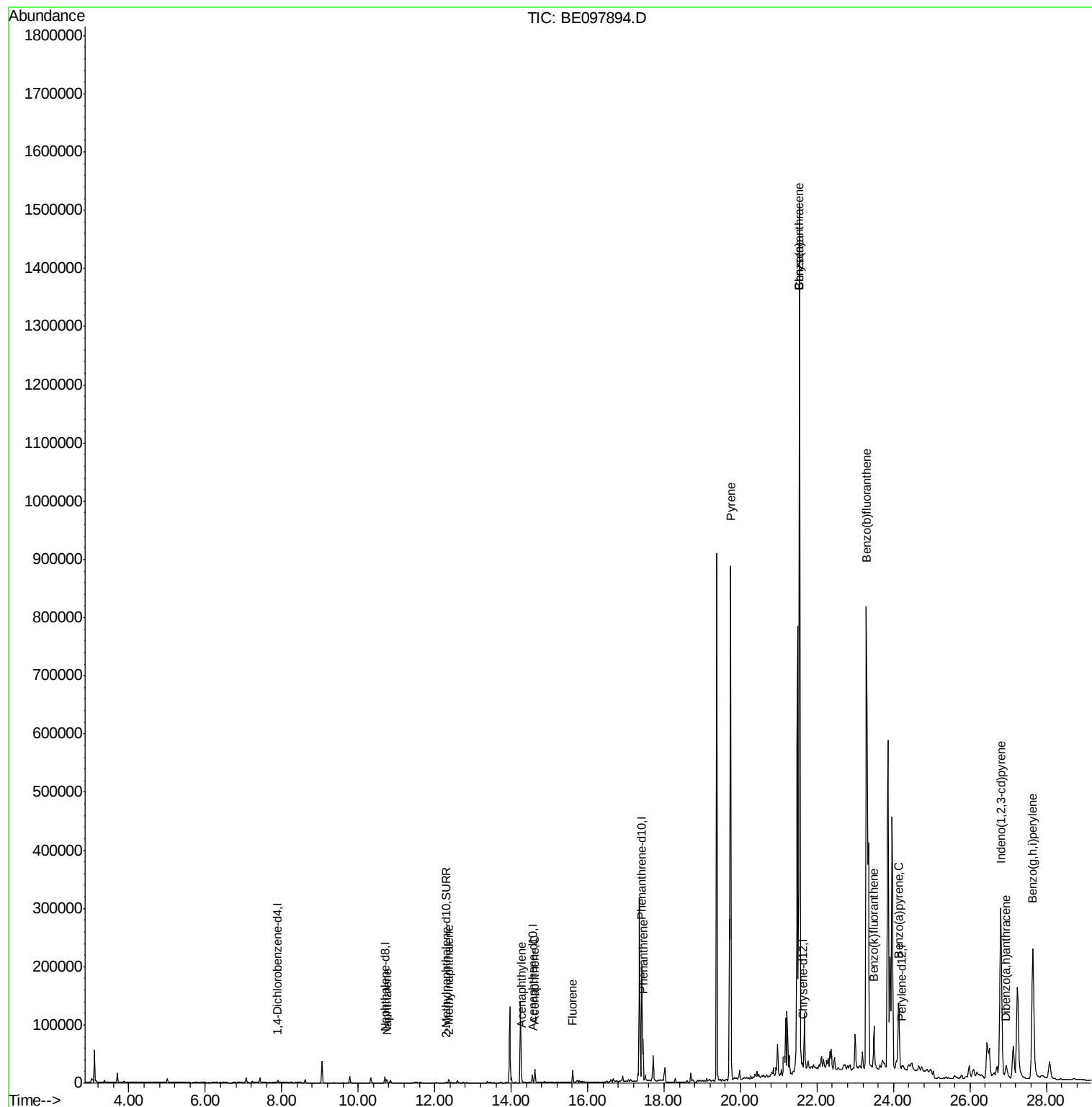
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2229	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11222	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7567	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	233285	0.40	ng/ul	0.10
16) Chrysene-d12	21.63	240	483	0.40	ng/ul	0.13
20) Perylene-d12	24.22	264	3628	0.40	ng/ul	0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1372	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.44	212	499	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	8753	0.321	ng/ul	97
5) 2-Methylnaphthalene	12.37	142	4513	0.228	ng/ul	98
7) Acenaphthylene	14.27	152	4176	0.146	ng/ul#	88
8) Acenaphthene	14.62	153	13723	0.618	ng/ul	96
9) Fluorene	15.61	166	12700	0.438	ng/ul	99
12) Phenanthrene	17.45	178	78637	0.142	ng/ul	100
17) Pyrene	19.74	202	1043265	725.055	ng/ul	98
18) Benzo(a)anthracene	21.54	228	1490619	1020.705	ng/ul	94
19) Chrysene	21.54	228	1490619	1136.027	ng/ul	95
21) Benzo(b)fluoranthene	23.29	252	1974611	203.646	ng/ul	99
22) Benzo(k)fluoranthene	23.49	252	108830	10.485	ng/ul#	81
23) Benzo(a)pyrene	24.14	252	180386	18.948	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.81	276	548424	50.747	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.95	278	39331	4.404	ng/ul#	70
26) Benzo(g,h,i)perylene	27.65	276	531005	56.392	ng/ul	99

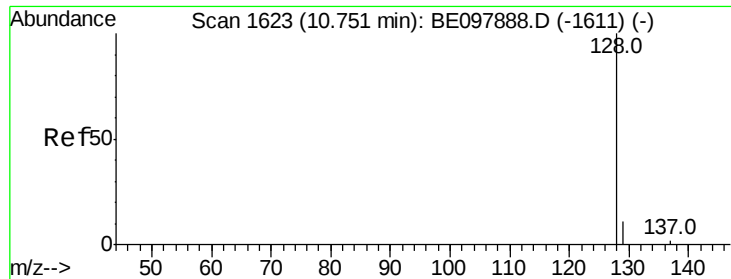
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.321 ng/ul

RT: 10.75 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

Instrument :

BNA_E

ClientSampleId :

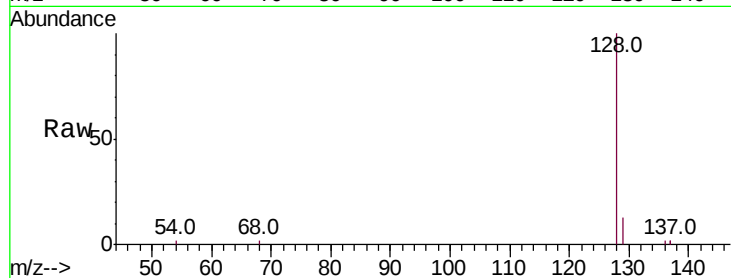
Tot Ion:128 Resp: 8753

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

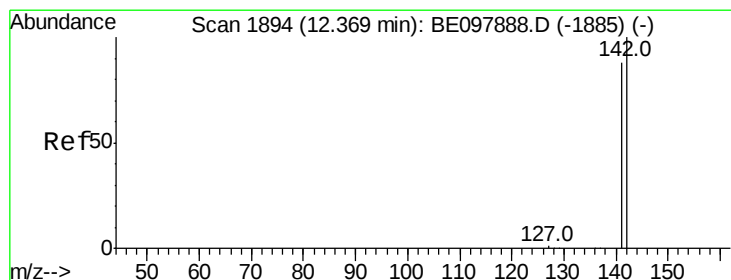
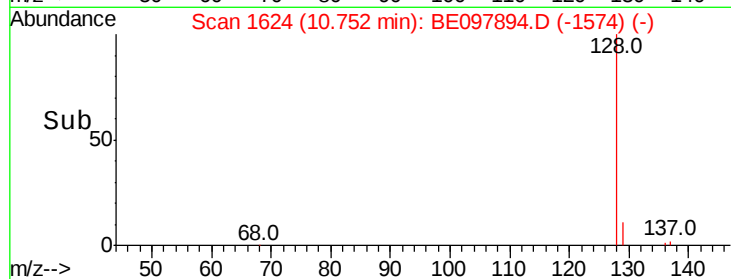
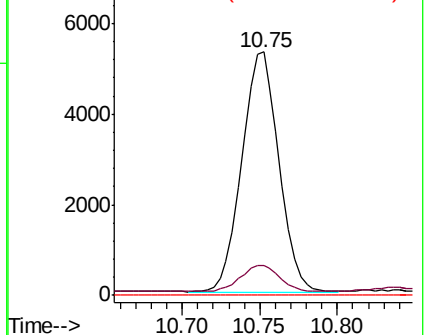
127 0.0 0.0 0.0



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: 0.228 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BE097894.D

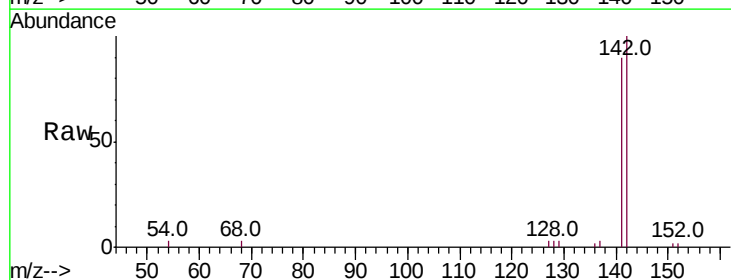
Acq: 13 Oct 2018 00:21

Tgt Ion:142 Resp: 4513

Ion Ratio Lower Upper

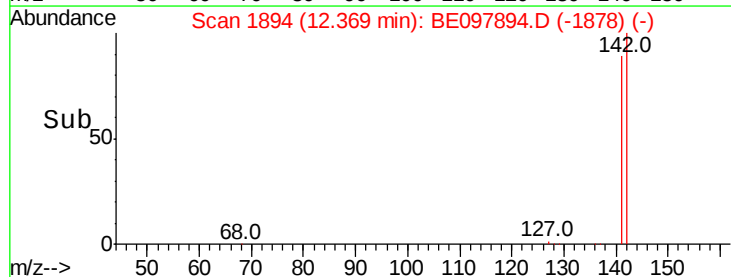
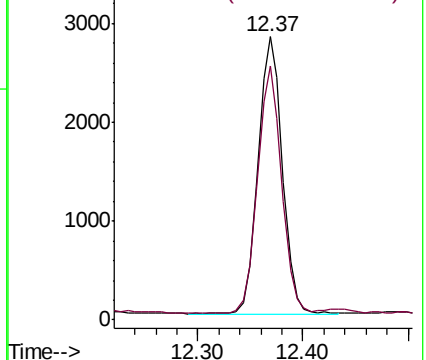
142 100

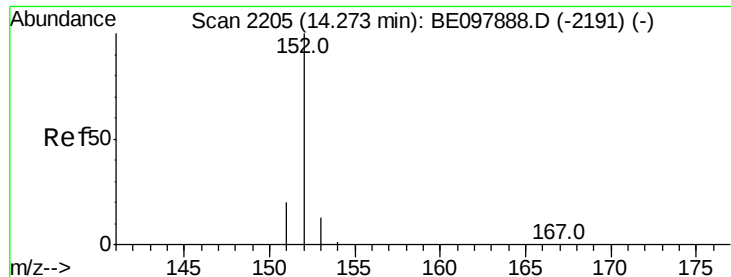
141 87.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.146 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

Instrument :

BNA_E

ClientSampleId :

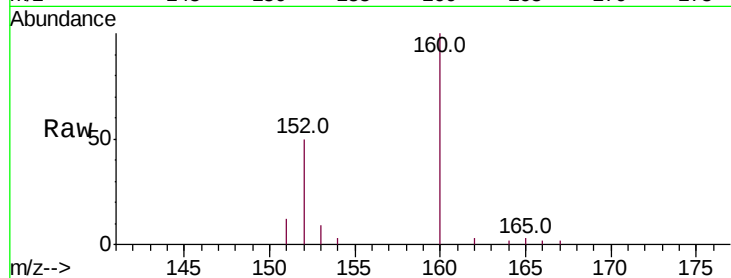
Tot Ion:152 Resp: 4176

Ion Ratio Lower Upper

152 100

151 24.5 15.0 22.6#

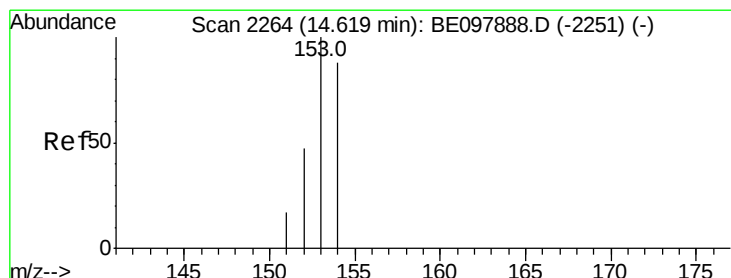
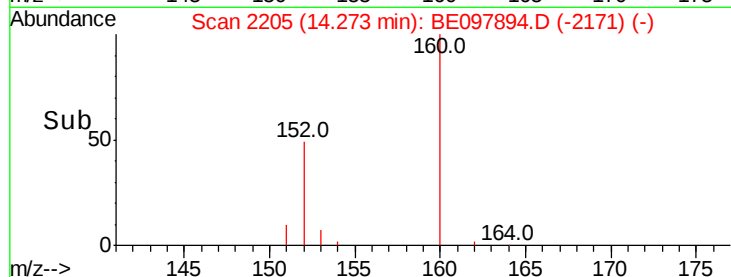
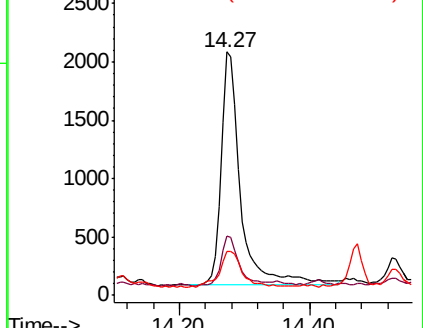
153 18.0 10.5 15.7#



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



#8

Acenaphthene

Concen: 0.618 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

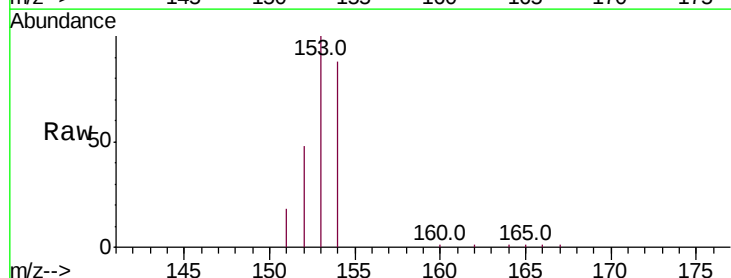
Tgt Ion:153 Resp: 13723

Ion Ratio Lower Upper

153 100

152 48.2 41.2 61.8

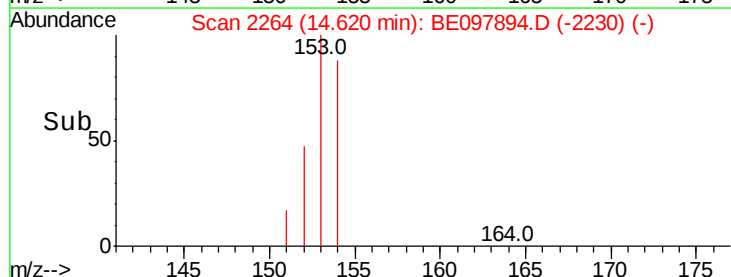
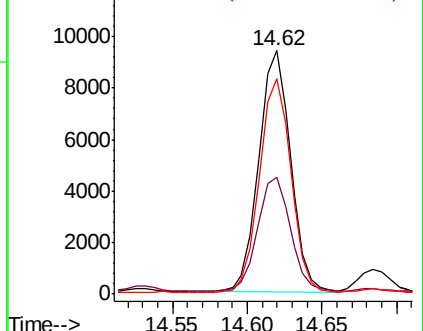
154 88.4 68.6 103.0

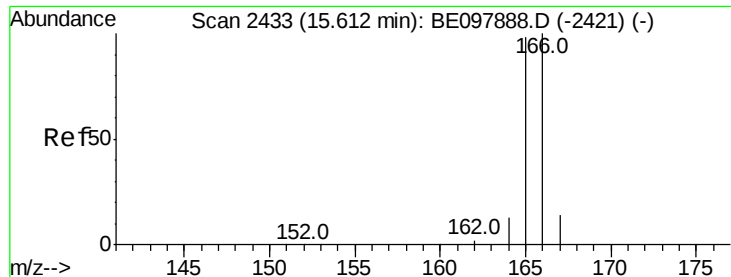


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.438 ng/ul

RT: 15.61 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

Instrument :

BNA_E

ClientSampleId :

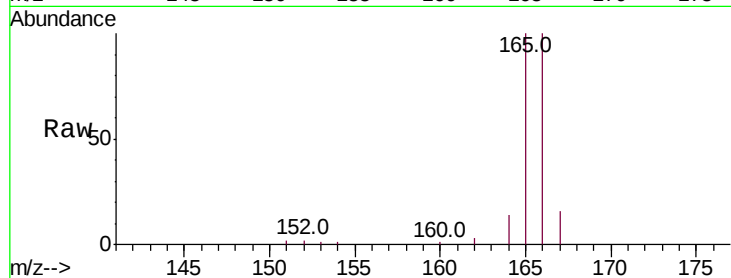
Tot Ion:166 Resp: 12700

Ion Ratio Lower Upper

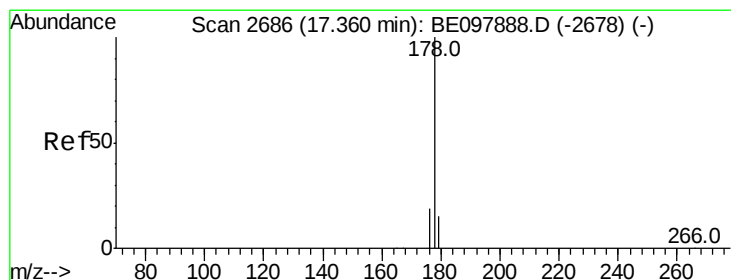
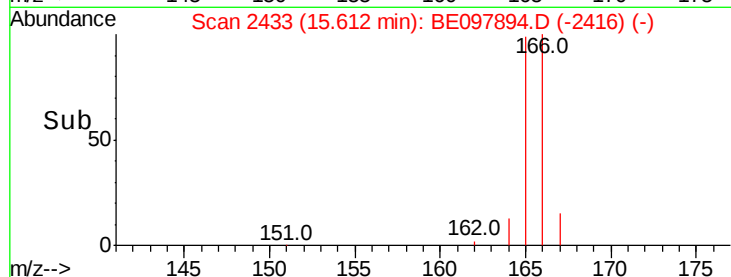
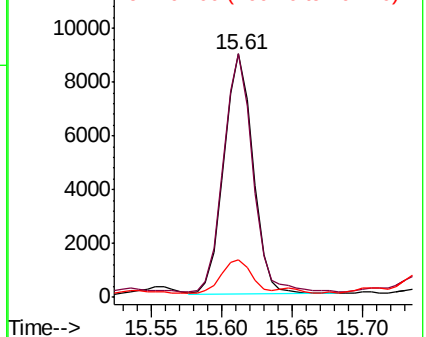
166 100

165 99.9 79.2 118.8

167 15.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.142 ng/ul

RT: 17.45 min Scan# 2699

Delta R.T. 0.09 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

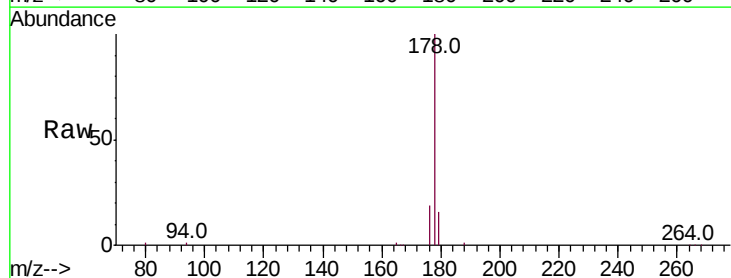
Tgt Ion:178 Resp: 78637

Ion Ratio Lower Upper

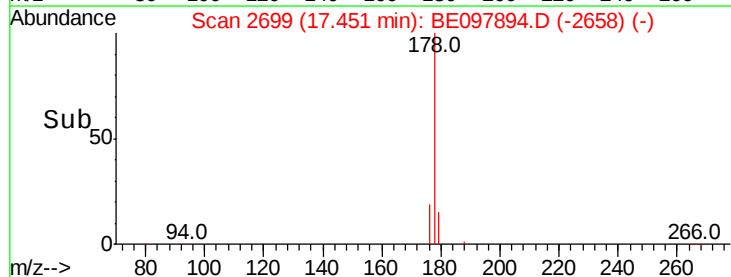
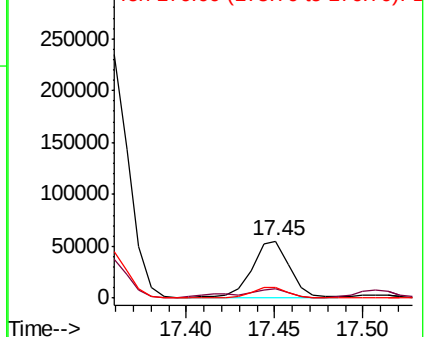
178 100

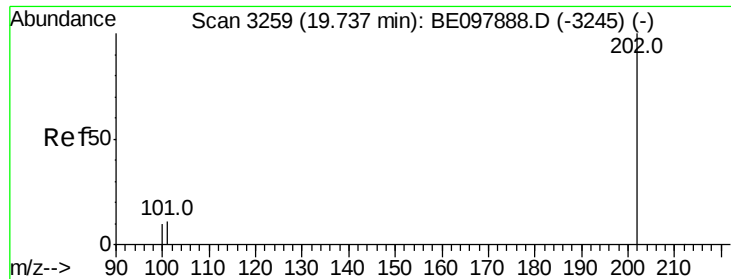
179 15.9 12.8 19.2

176 18.9 14.9 22.3



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

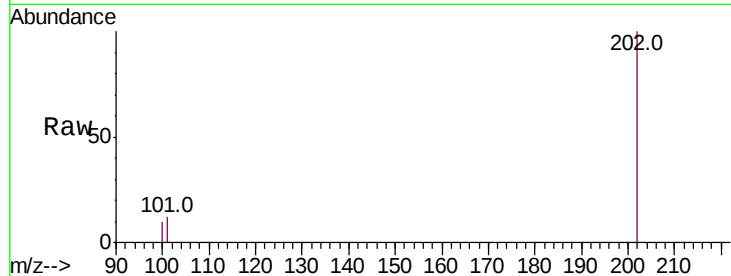




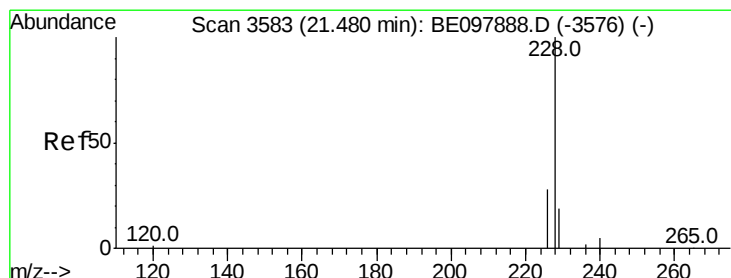
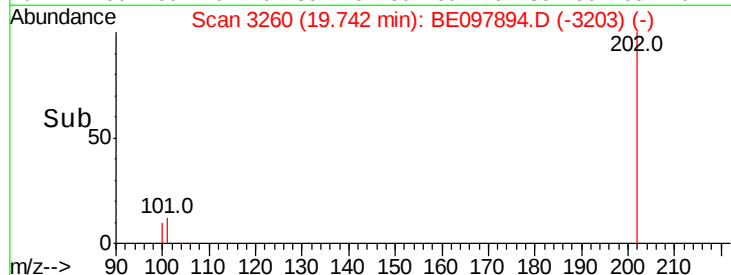
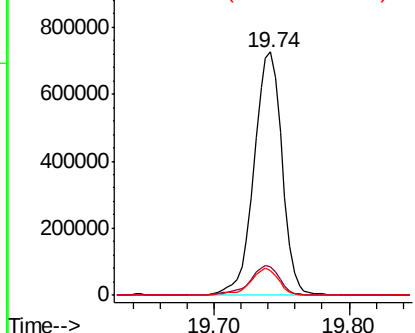
#17
Pvrene
Concen: 725.055 ng/ul
RT: 19.74 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BE097894.D
Acq: 13 Oct 2018 00:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 1043265
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 10.2 7.9 11.9

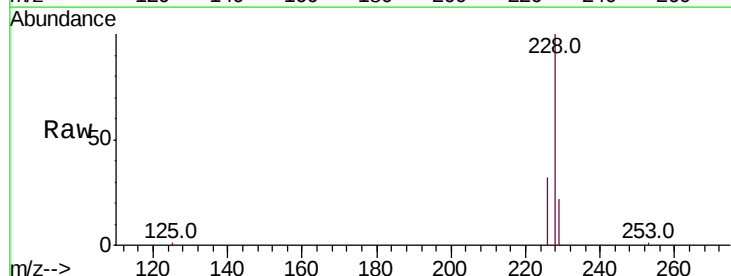


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

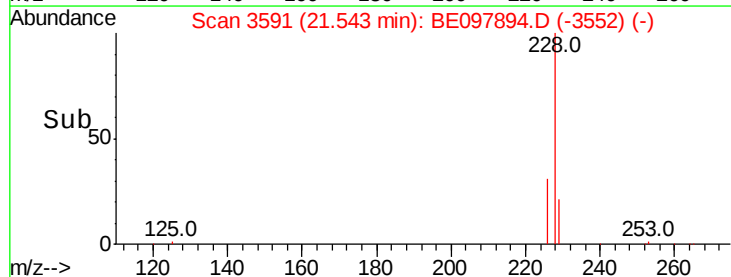
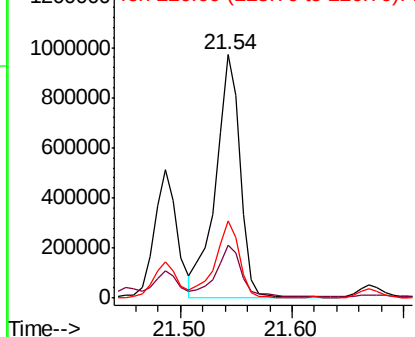


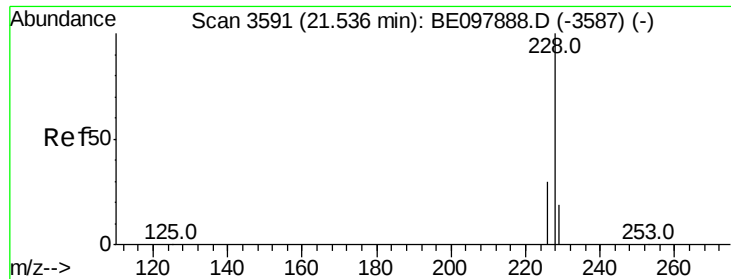
#18
Benzo(a)anthracene
Concen: 1020.705 ng/ul
RT: 21.54 min Scan# 3591
Delta R.T. 0.06 min
Lab File: BE097894.D
Acq: 13 Oct 2018 00:21

Tgt Ion:228 Resp: 1490619
Ion Ratio Lower Upper
228 100
229 21.7 16.4 24.6
226 31.6 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: 1136.027 ng/ul

RT: 21.54 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

Instrument :

BNA_E

ClientSampleId :

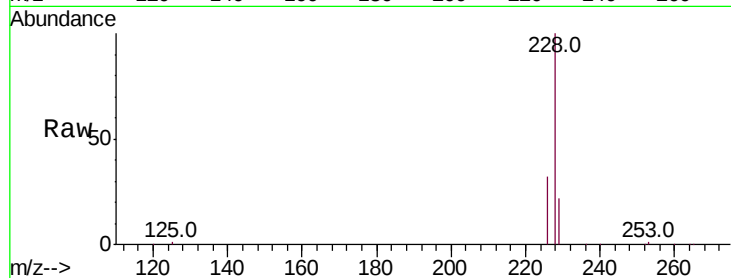
Tot Ion:228 Resp: 1490619

Ion Ratio Lower Upper

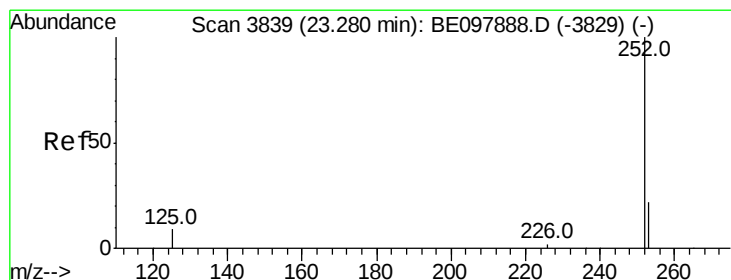
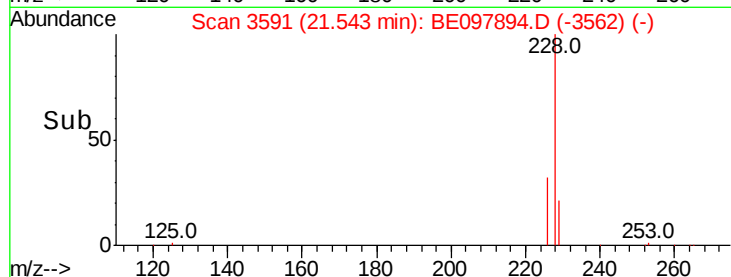
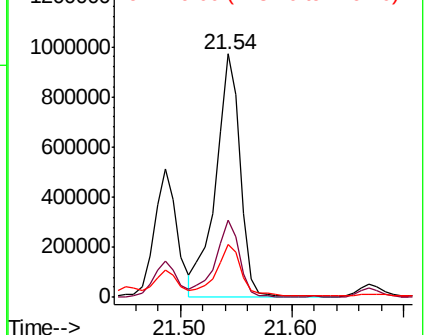
228 100

226 31.6 23.0 34.4

229 21.7 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: 203.646 ng/ul

RT: 23.29 min Scan# 3840

Delta R.T. 0.01 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

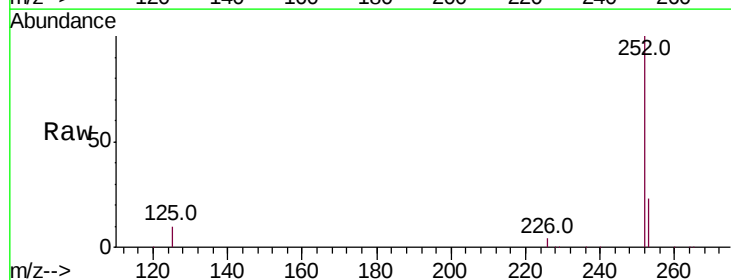
Tgt Ion:252 Resp: 1974611

Ion Ratio Lower Upper

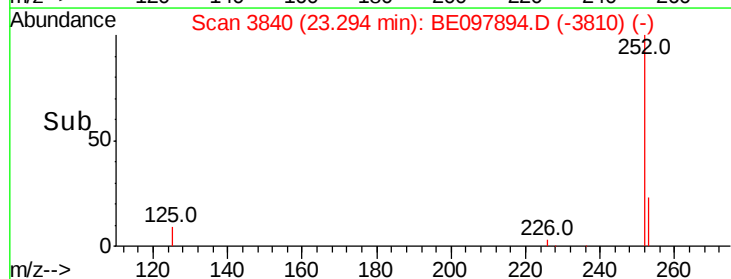
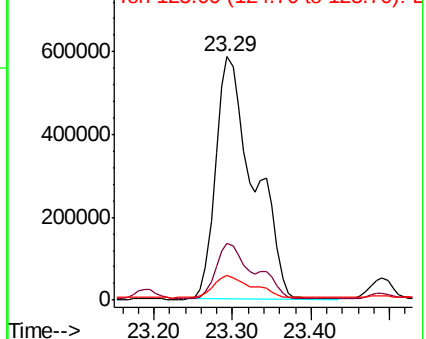
252 100

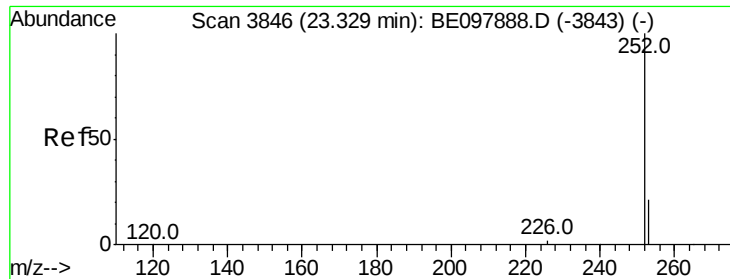
253 23.1 0.0 47.0

125 10.1 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: 10.485 ng/ul

RT: 23.49 min Scan# 3868

Delta R.T. 0.16 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

Instrument :

BNA_E

ClientSampleId :

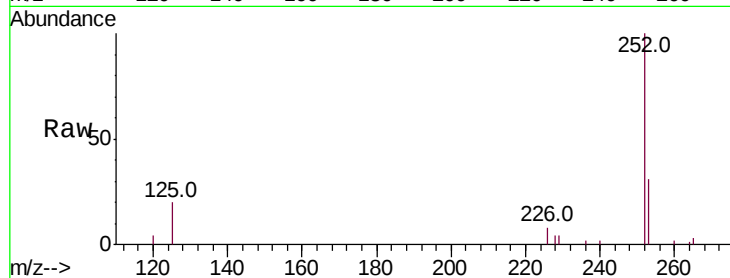
Tot Ion:252 Resp: 108830

Ion Ratio Lower Upper

252 100

253 31.0 17.8 26.6#

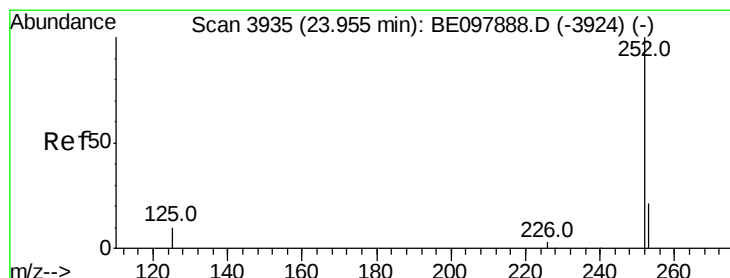
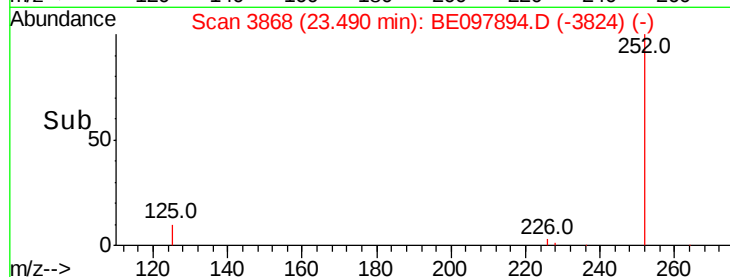
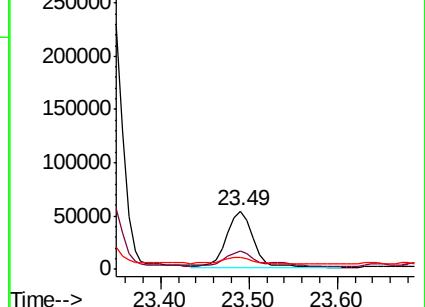
125 19.9 9.4 14.0#



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: 18.948 ng/ul

RT: 24.14 min Scan# 3960

Delta R.T. 0.18 min

Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

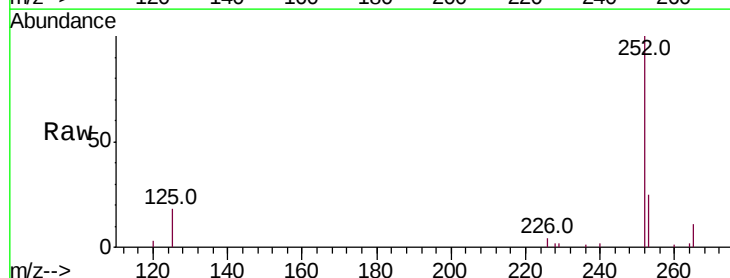
Tgt Ion:252 Resp: 180386

Ion Ratio Lower Upper

252 100

253 25.1 18.2 27.4

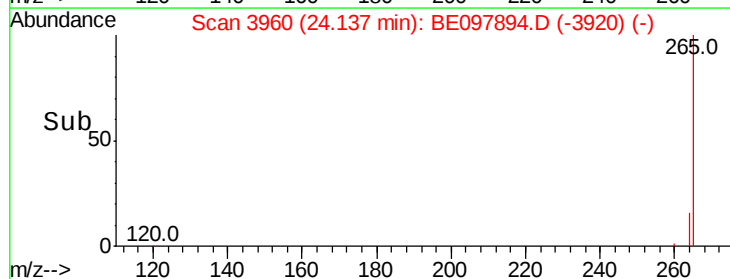
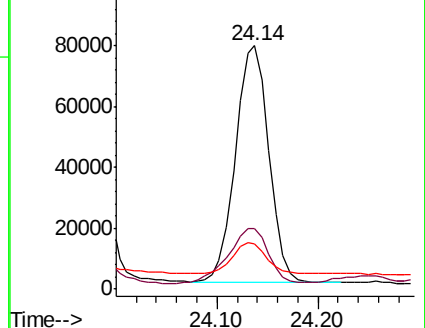
125 18.3 8.3 12.5#

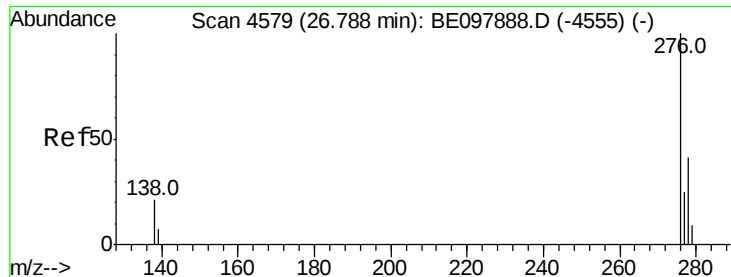


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



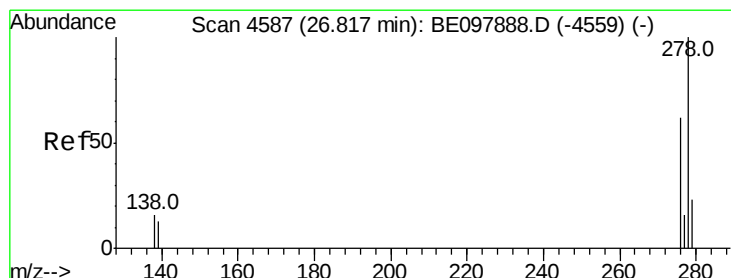
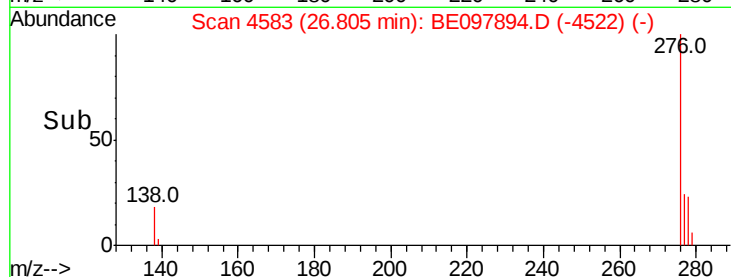
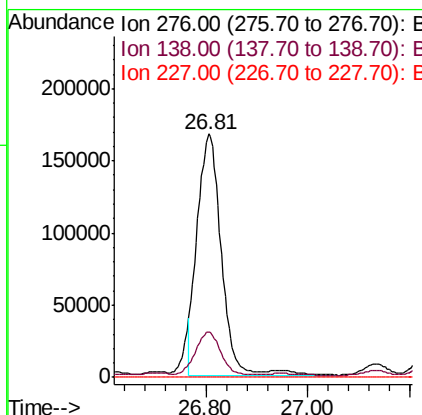
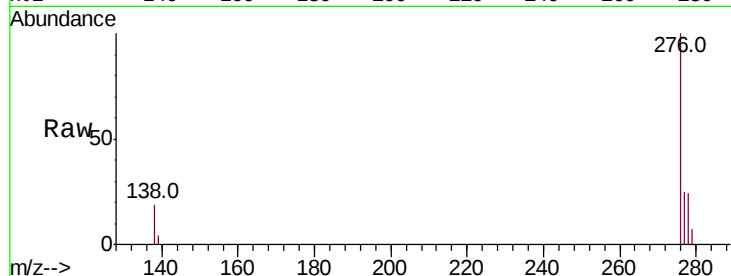


#24

Indeno(1,2,3-cd)pyrene
Concen: 50.747 ng/ul
RT: 26.81 min Scan# 4583
Delta R.T. 0.02 min
Lab File: BE097894.D
Acq: 13 Oct 2018 00:21

Instrument :
BNA_E
ClientSampleId :

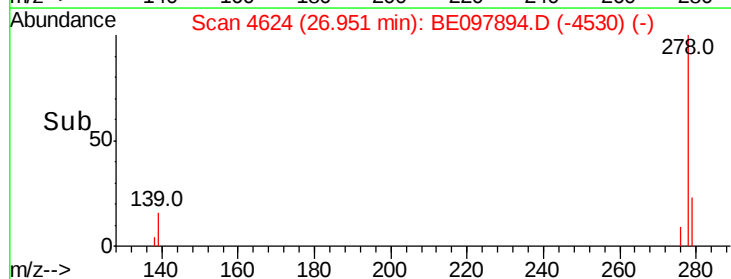
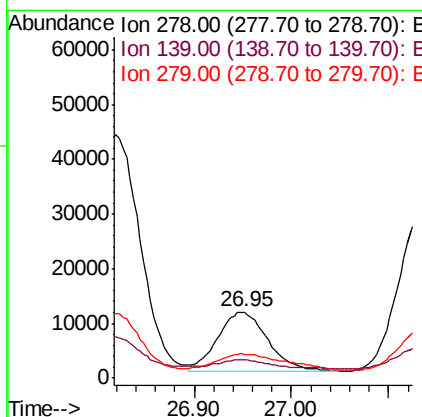
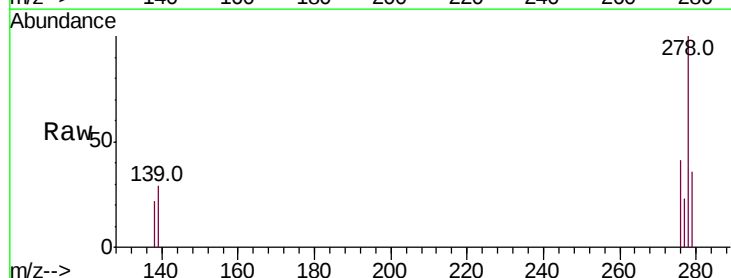
Tot Ion:276 Resp: 548424
Ion Ratio Lower Upper
276 100
138 17.1 0.0 0.0#
227 0.0 0.0 0.0

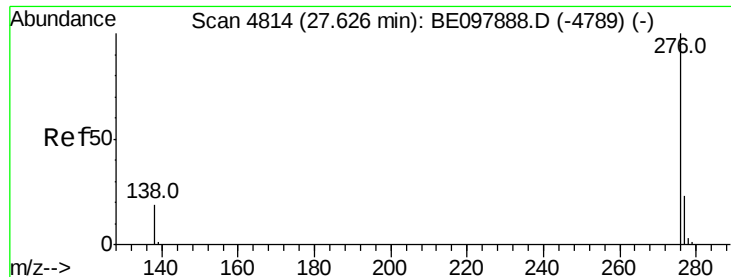


#25

Dibenzo(a,h)anthracene
Concen: 4.404 ng/ul
RT: 26.95 min Scan# 4624
Delta R.T. 0.13 min
Lab File: BE097894.D
Acq: 13 Oct 2018 00:21

Tgt Ion:278 Resp: 39331
Ion Ratio Lower Upper
278 100
139 28.5 10.9 16.3#
279 36.3 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 56.392 ng/ul

RT: 27.65 min Scan# 4819

Delta R.T. 0.02 min

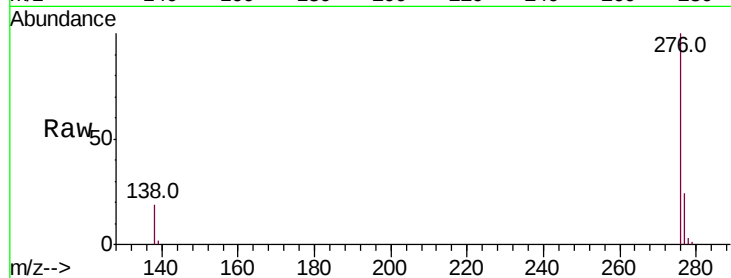
Lab File: BE097894.D

Acq: 13 Oct 2018 00:21

Instrument :

BNA_E

ClientSampleId :



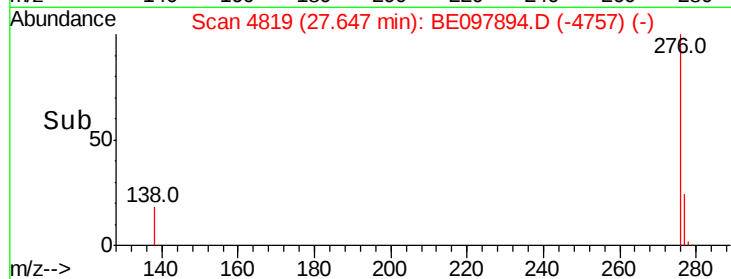
Tot Ion:276 Resp: 531005

Ion Ratio Lower Upper

276 100

138 18.7 14.3 21.5

277 24.3 19.5 29.3



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

