

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094297.D
 Acq On : 12 Oct 2017 2:01
 Operator : SJ/JU
 Sample : I5490-07DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 08:58:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

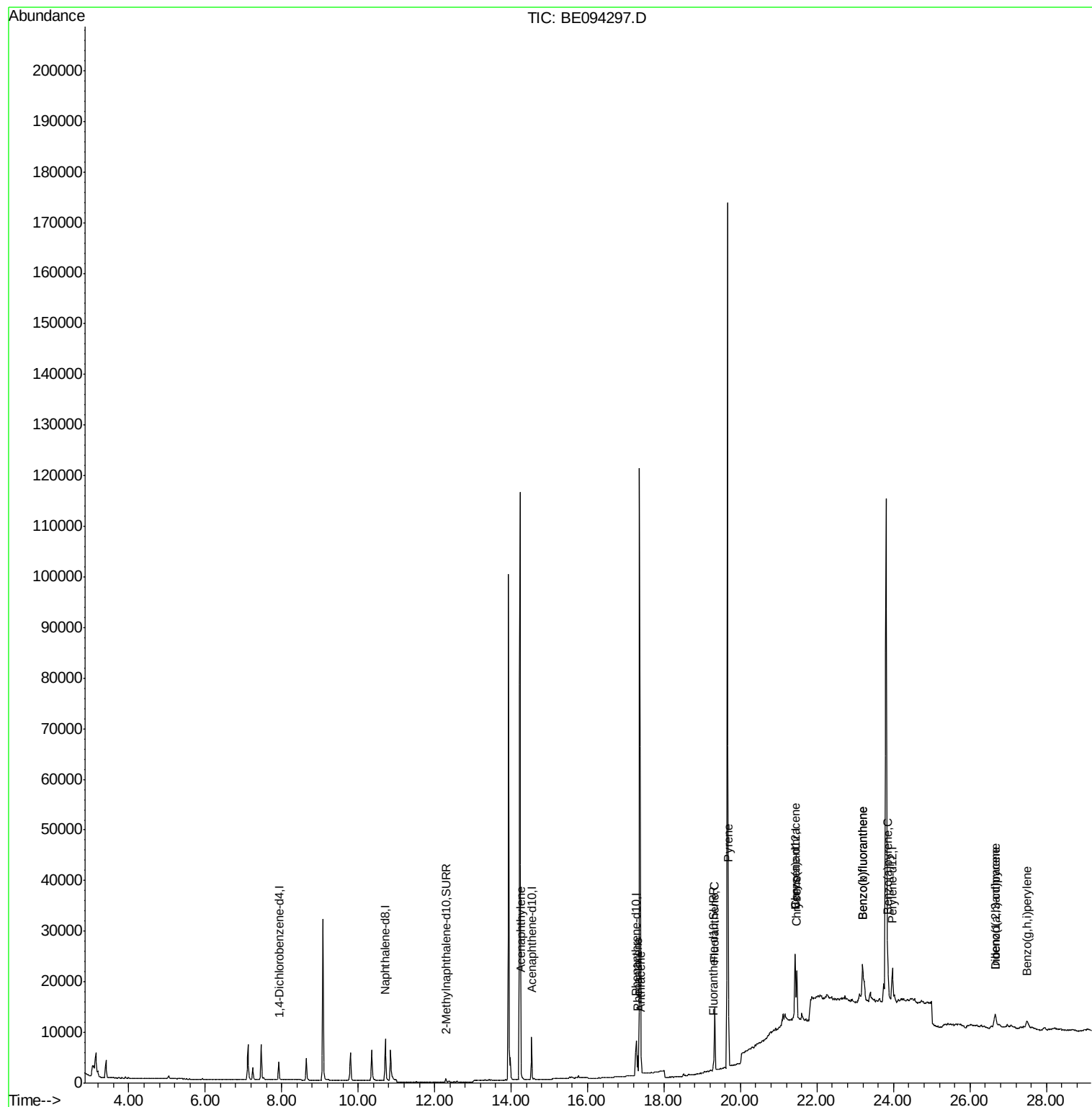
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10111	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	10116	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9877	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	922	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2218	0.07	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.26	152	481	0.026	ng/ul#	47
12) Phenanthrene	17.31	178	4300	0.163	ng/ul#	93
13) Anthracene	17.40	178	1370	0.053	ng/ul#	59
15) Fluoranthene	19.32	202	14343	0.413	ng/ul	84
17) Pyrene	19.68	202	15716	0.558	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	10189	0.380	ng/ul#	59
19) Chrysene	21.47	228	10328	0.333	ng/ul#	51
21) Benzo(b)fluoranthene	23.19	252	16477	0.614	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	16459	0.531	ng/ul#	1
23) Benzo(a)pyrene	23.86	252	8866	0.318	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.66	276	5464	0.192	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.66	278	1567	0.066	ng/ul#	1
26) Benzo(g,h,i)perylene	27.50	276	3923	0.159	ng/ul#	1

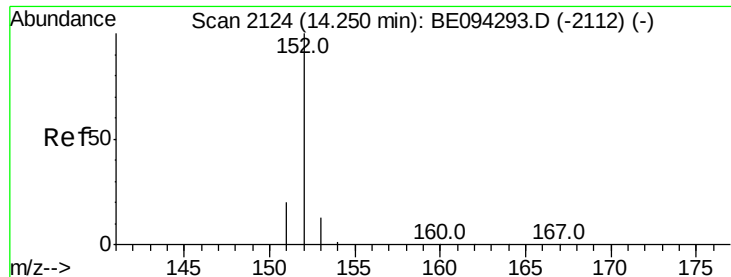
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

Instrument :

BNA_E

ClientSampleId :

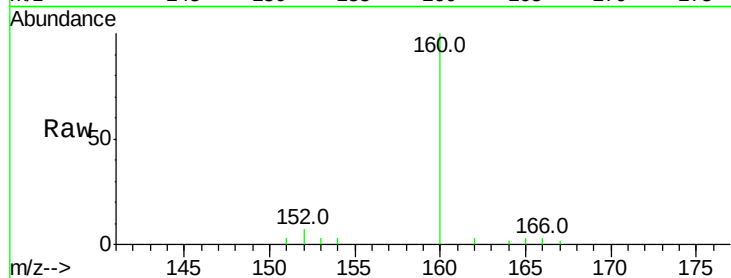
Tot Ion:152 Resp: 481

Ion Ratio Lower Upper

152 100

151 45.1 17.1 25.7#

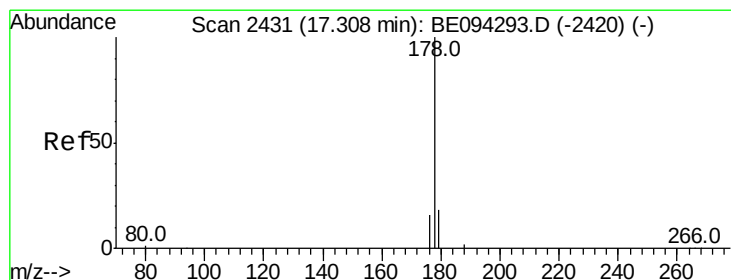
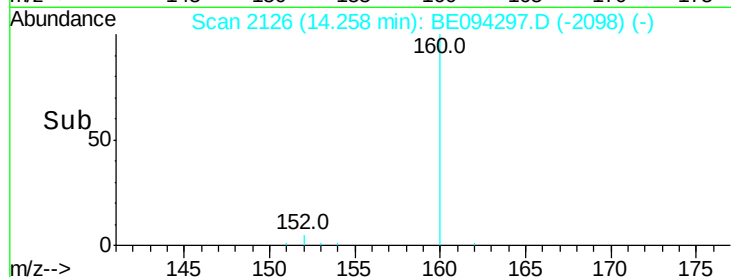
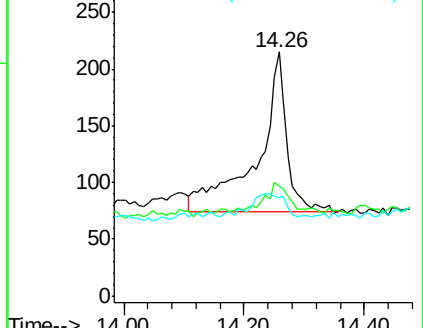
153 40.5 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.163 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

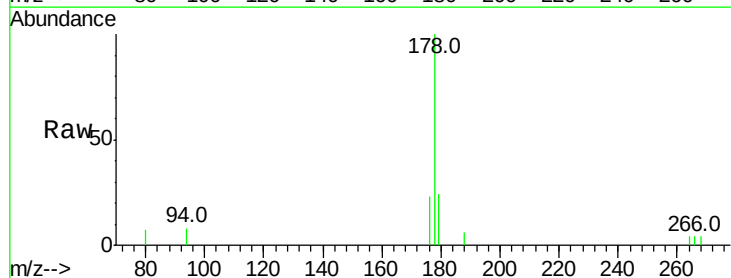
Tgt Ion:178 Resp: 4300

Ion Ratio Lower Upper

178 100

179 23.8 18.4 27.6

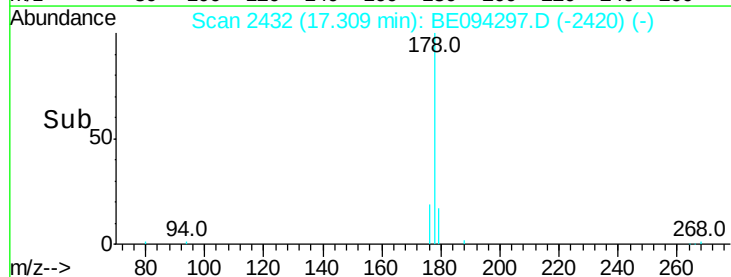
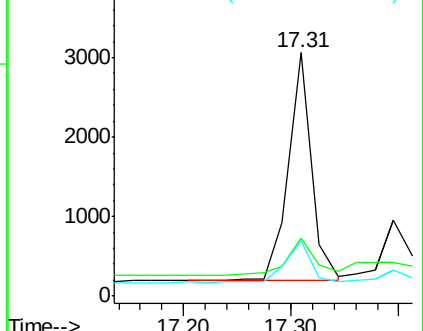
176 22.8 13.6 20.4#

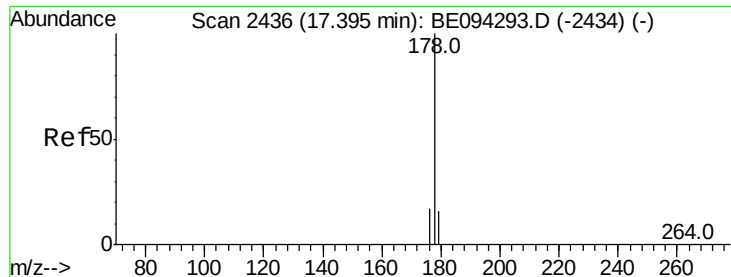


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.053 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

Instrument :

BNA_E

ClientSampleId :

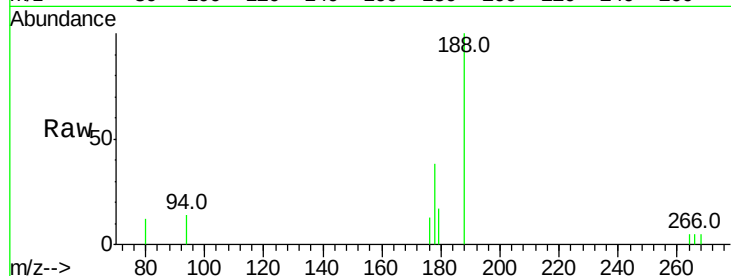
Tot Ion:178 Resp: 1370

Ion Ratio Lower Upper

178 100

179 44.7 18.1 27.1#

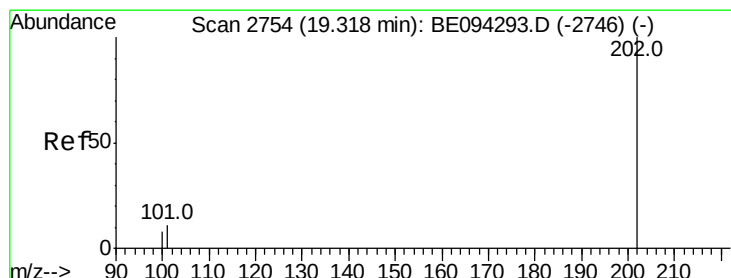
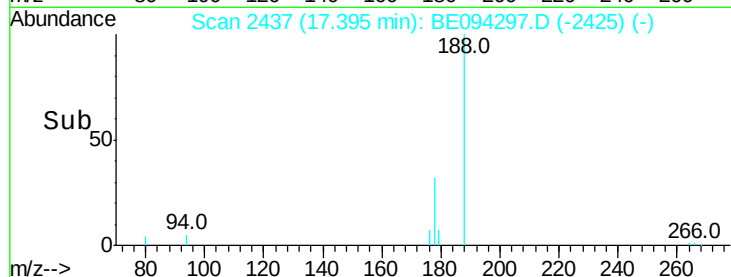
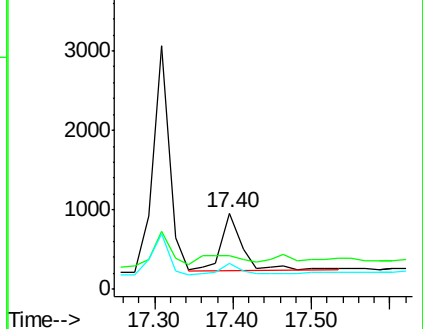
176 34.2 14.7 22.1#



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: 0.413 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

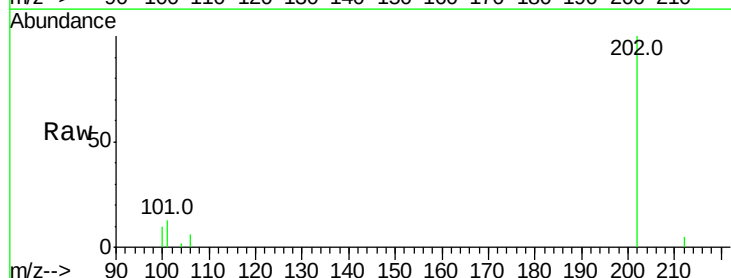
Tgt Ion:202 Resp: 14343

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.3

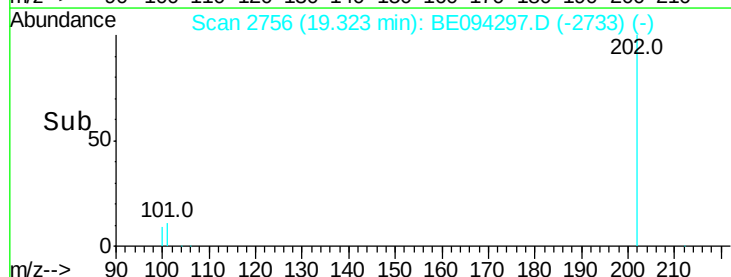
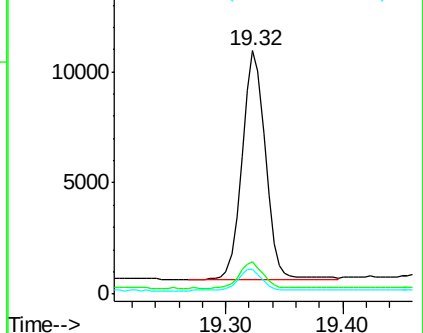
100 10.0 0.0 39.5

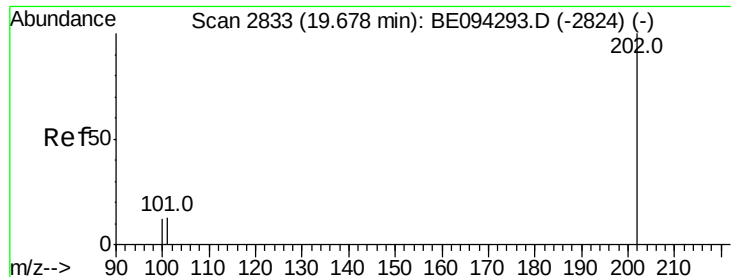


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.558 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

Instrument :

BNA_E

ClientSampleId :

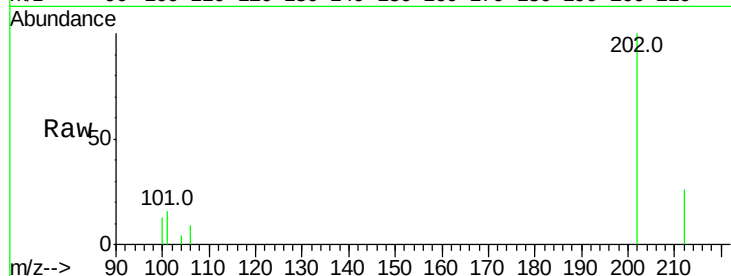
Tot Ion:202 Resp: 15716

Ion Ratio Lower Upper

202 100

101 15.6 18.2 27.4#

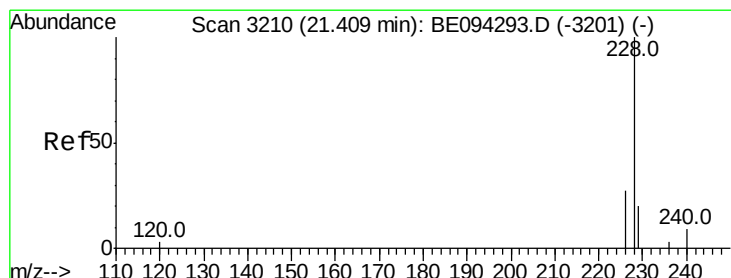
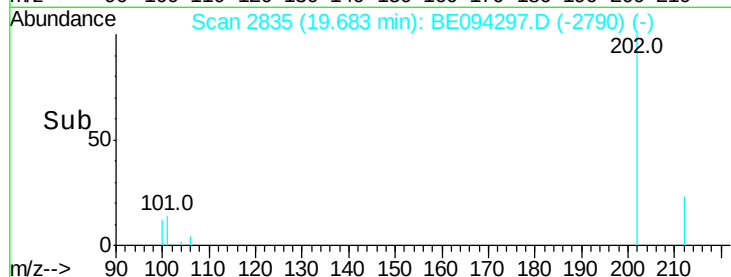
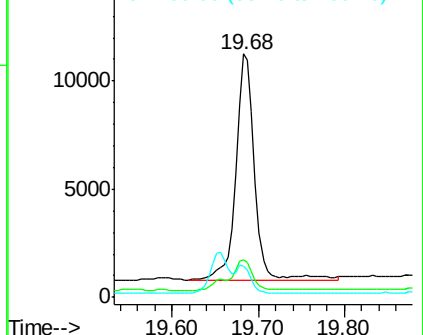
100 12.8 15.6 23.4#



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: 0.380 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

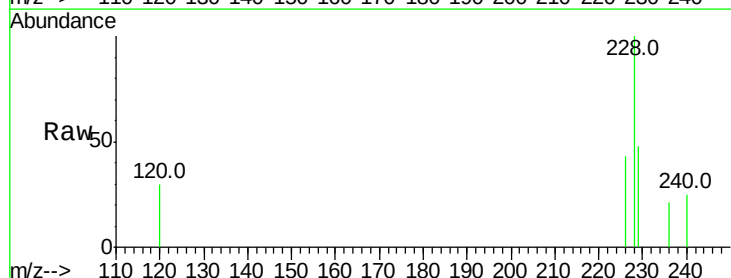
Tgt Ion:228 Resp: 10189

Ion Ratio Lower Upper

228 100

229 47.8 22.8 34.2#

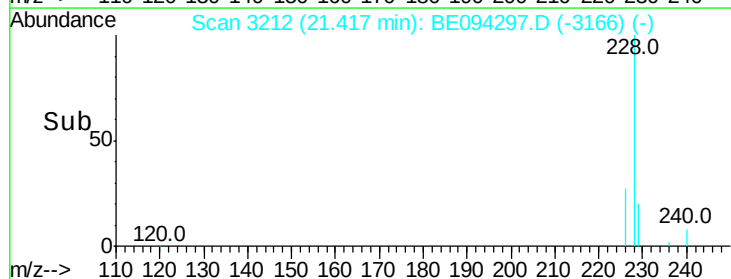
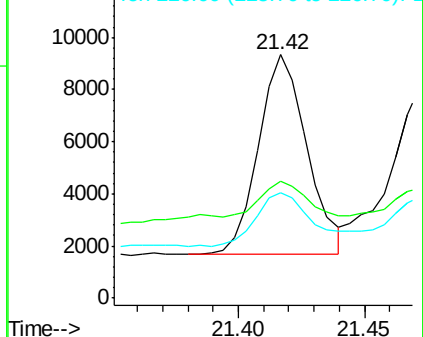
226 43.5 17.0 25.6#

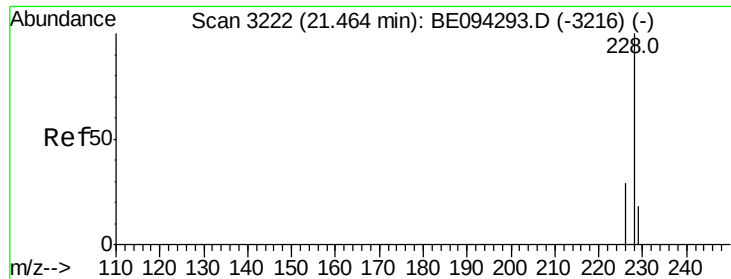


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.333 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

Instrument :

BNA_E

ClientSampleId :

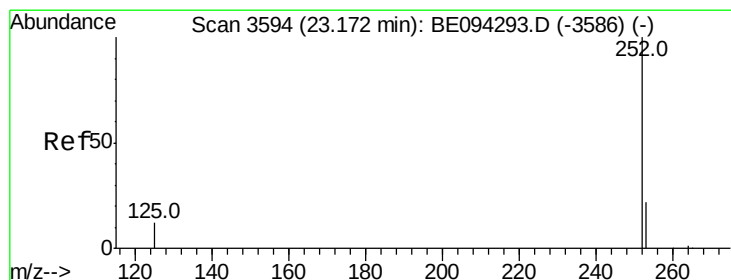
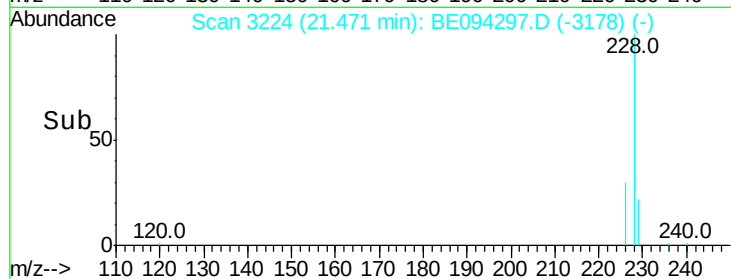
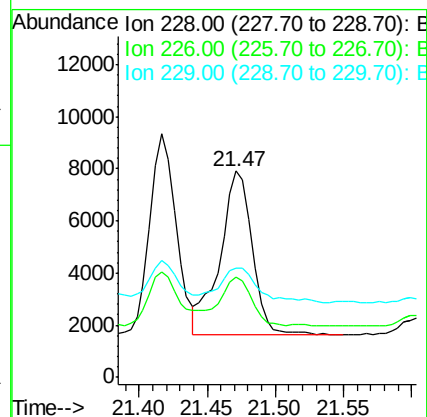
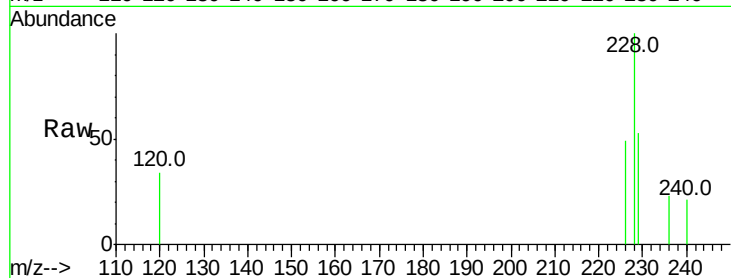
Tot Ion:228 Resp: 10328

Ion Ratio Lower Upper

228 100

226 48.6 23.4 35.0#

229 53.3 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.614 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.02 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

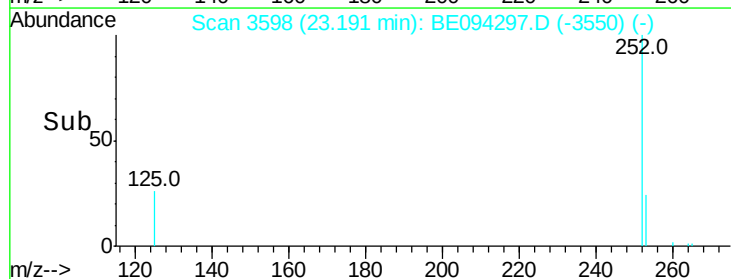
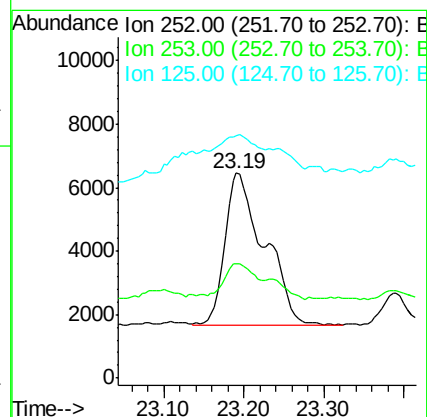
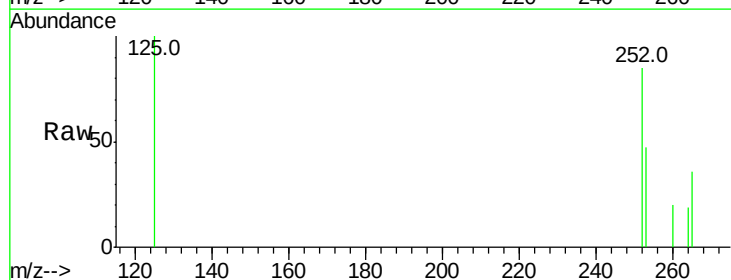
Tgt Ion:252 Resp: 16477

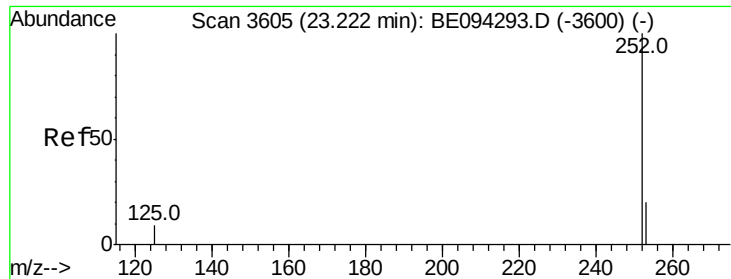
Ion Ratio Lower Upper

252 100

253 56.1 0.0 64.2

125 118.3 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.531 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.03 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

Instrument :

BNA_E

ClientSampleId :

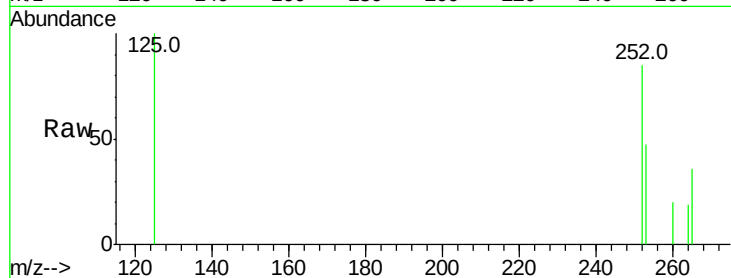
Tot Ion:252 Resp: 16459

Ion Ratio Lower Upper

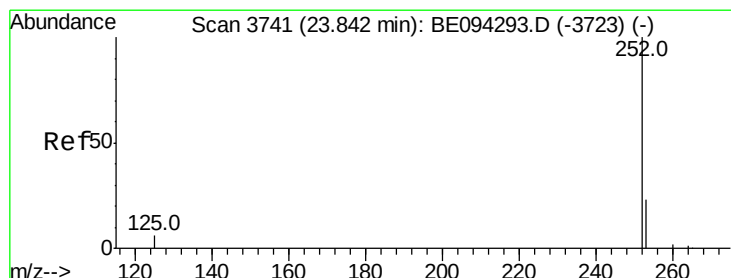
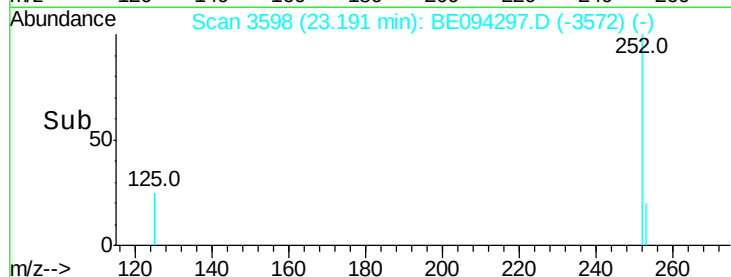
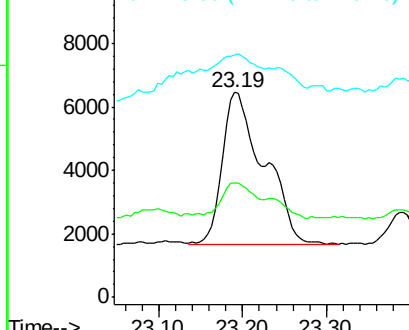
252 100

253 56.1 24.5 36.7#

125 118.3 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: 0.318 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. 0.01 min

Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

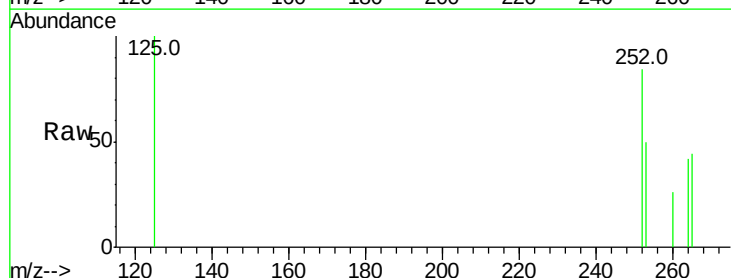
Tgt Ion:252 Resp: 8866

Ion Ratio Lower Upper

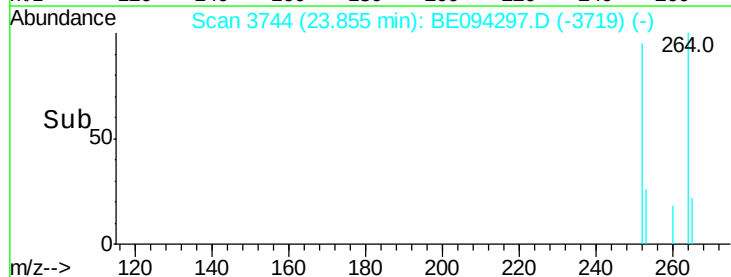
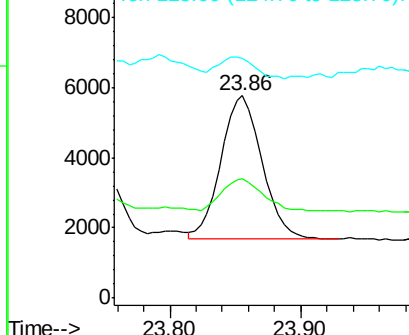
252 100

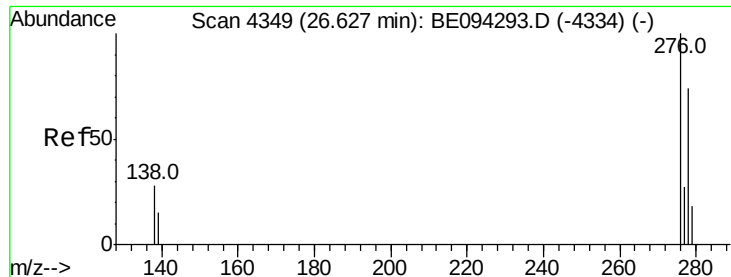
253 59.3 28.5 42.7#

125 118.6 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



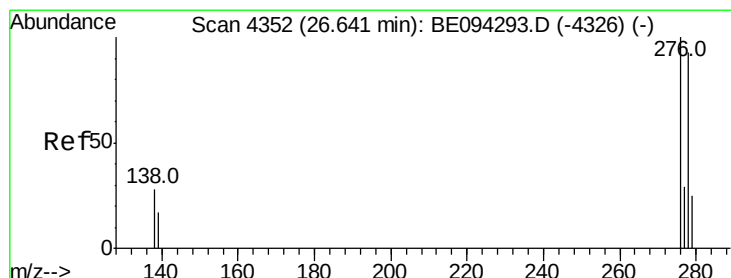
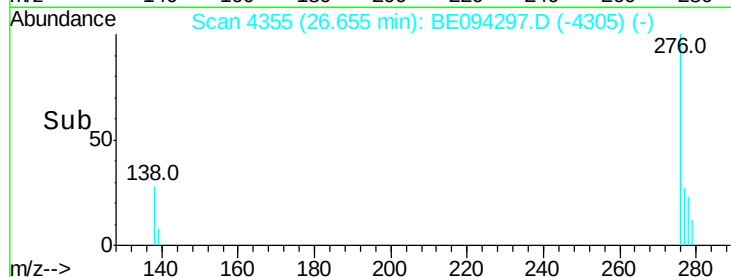
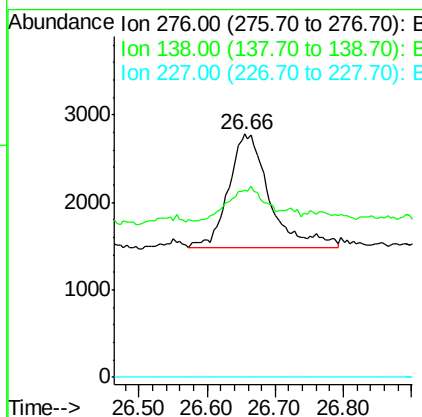
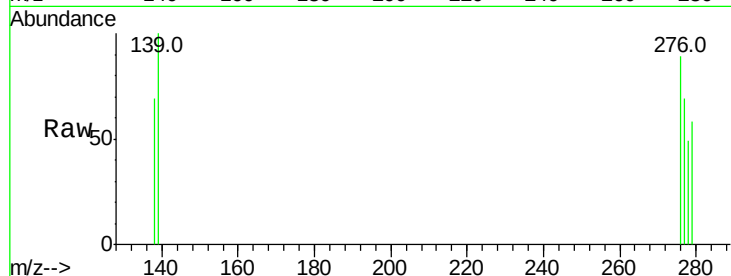


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.66 min Scan# 4355
Delta R.T. 0.03 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Instrument :
BNA_E
ClientSampleId :

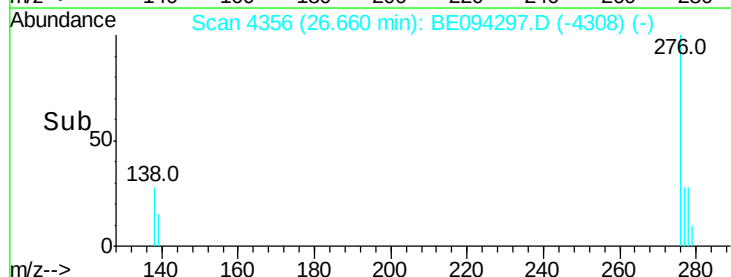
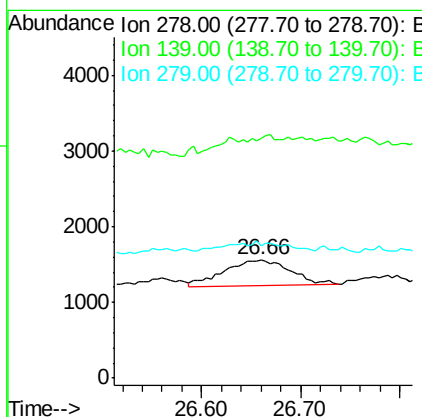
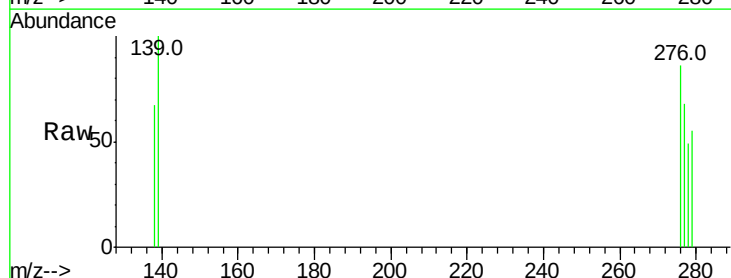
Tot Ion:276 Resp: 5464
Ion Ratio Lower Upper
276 100
138 35.1 28.0 42.0
227 0.0 8.0 12.0#

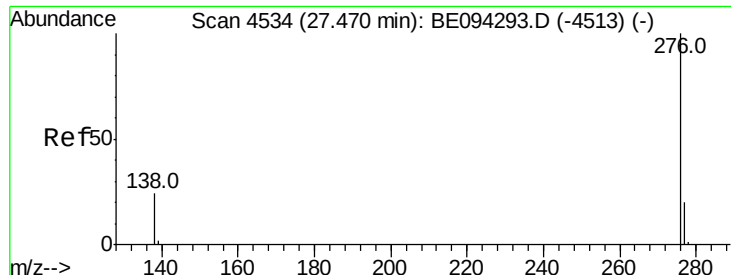


#25

Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:278 Resp: 1567
Ion Ratio Lower Upper
278 100
139 202.3 17.4 26.0#
279 111.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.159 ng/ul

RT: 27.50 min Scan# 4540

Delta R.T. 0.03 min

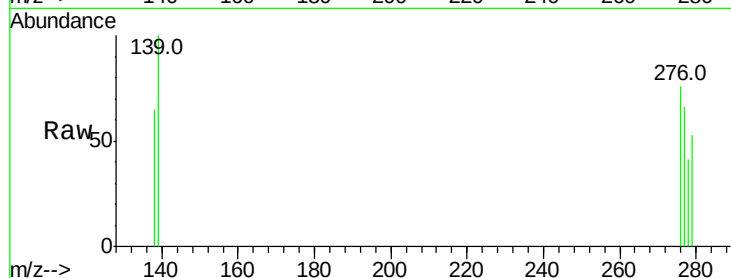
Lab File: BE094297.D

Acq: 12 Oct 2017 2:01

Instrument :

BNA_E

ClientSampleId :



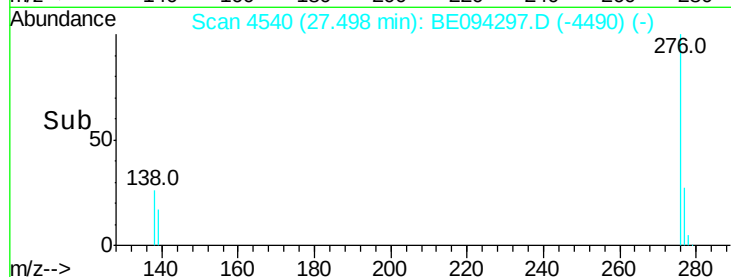
Tot Ion:276 Resp: 3923

Ion Ratio Lower Upper

276 100

138 84.8 21.8 32.8#

277 86.2 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

