

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095293.D
 Acq On : 31 Jan 2018 00:42
 Operator : SJ/JU
 Sample : J1221-05DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 03:43:49 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2425	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7265	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4537	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9985	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10097	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10219	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1132	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2993	0.08	ng/ul	0.00

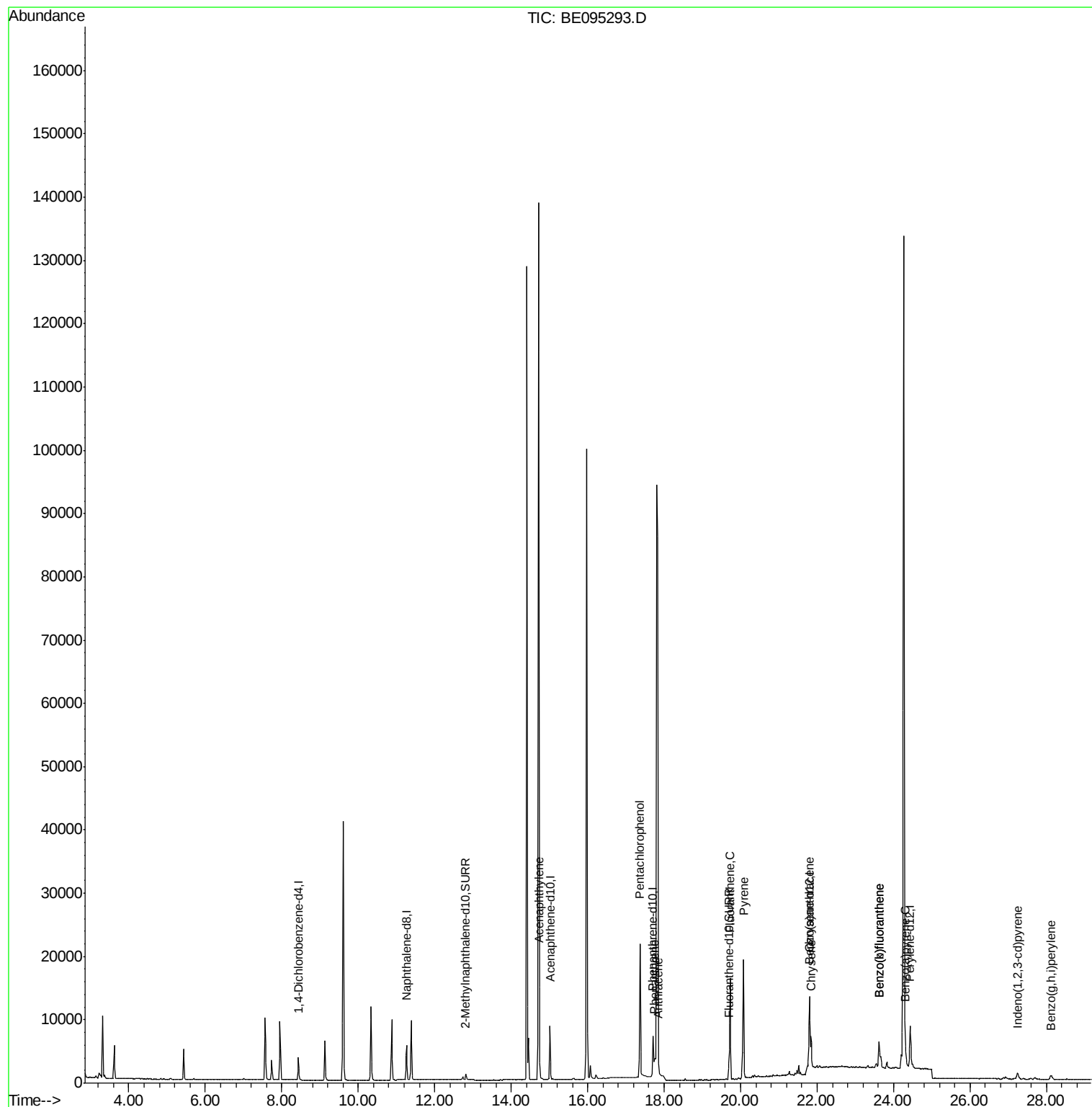
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	448	0.021	ng/ul#	65
11) Pentachlorophenol	17.36	266	12936	6.689	ng/ul	96
12) Phenanthrene	17.75	178	3292	0.098	ng/ul#	90
13) Anthracene	17.85	178	1319	0.043	ng/ul#	93
15) Fluoranthene	19.72	202	17807	0.410	ng/ul	84
17) Pyrene	20.08	202	20673	0.610	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	5755	0.182	ng/ul#	89
19) Chrysene	21.84	228	6019	0.184	ng/ul	90
21) Benzo(b)fluoranthene	23.62	252	10107	0.280	ng/ul	86
22) Benzo(k)fluoranthene	23.62	252	10107	0.306	ng/ul#	87
23) Benzo(a)pyrene	24.32	252	2147	0.067	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	27.25	276	1937	0.055	ng/ul#	80
26) Benzo(g,h,i)perylene	28.12	276	1632	0.055	ng/ul#	80

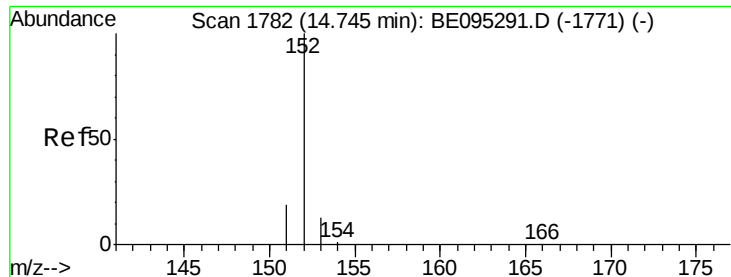
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

Instrument :

BNA_E

ClientSampleId :

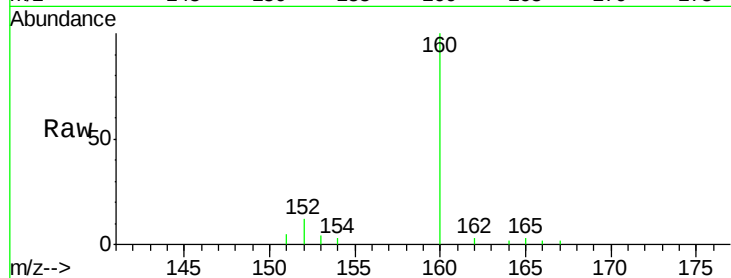
Tot Ion:152 Resp: 448

Ion Ratio Lower Upper

152 100

151 38.9 17.1 25.7#

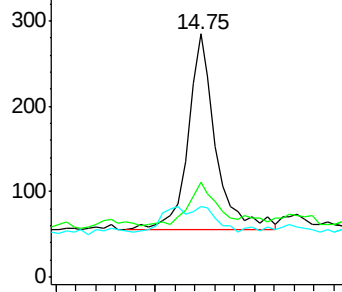
153 29.1 12.8 19.2#



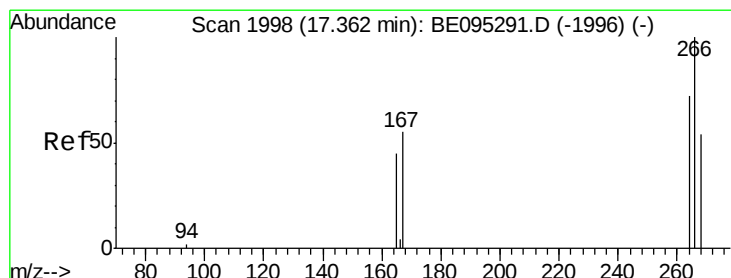
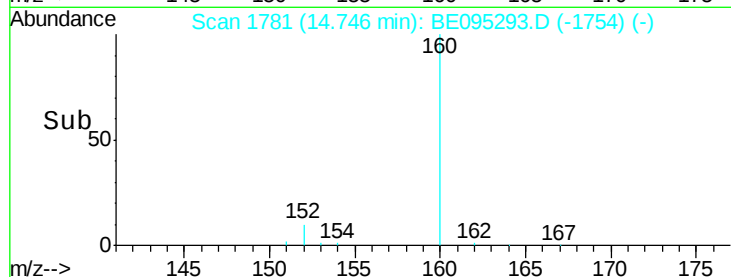
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.60 14.70 14.80



#11

Pentachlorophenol

Concen: 6.689 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

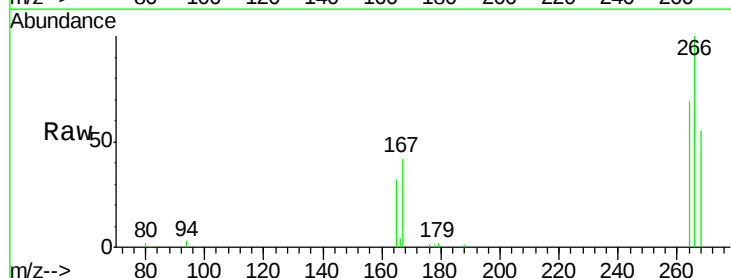
Tgt Ion:266 Resp: 12936

Ion Ratio Lower Upper

266 100

264 65.0 47.9 71.9

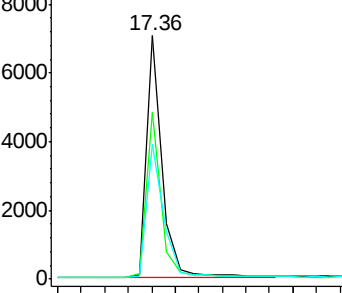
268 60.6 49.8 74.8



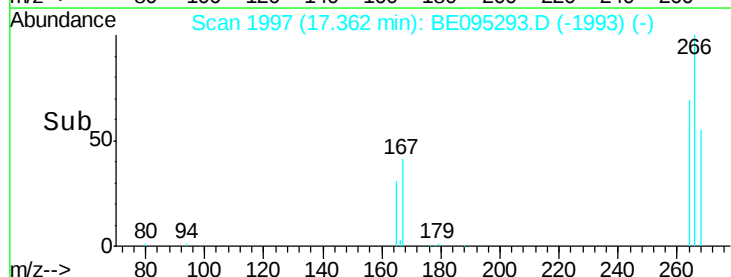
Abundance Ion 266.00 (265.70 to 266.70): E

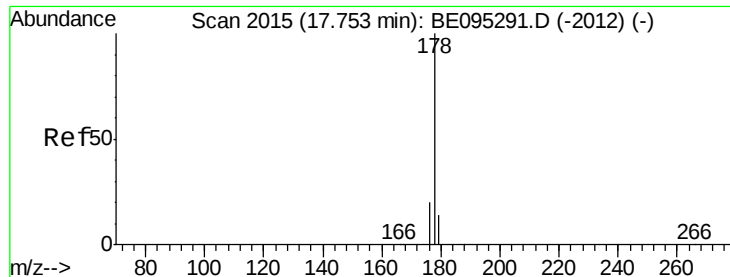
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 17.20 17.40 17.60





#12

Phenanthrene

Concen: 0.098 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

Instrument :

BNA_E

ClientSampleId :

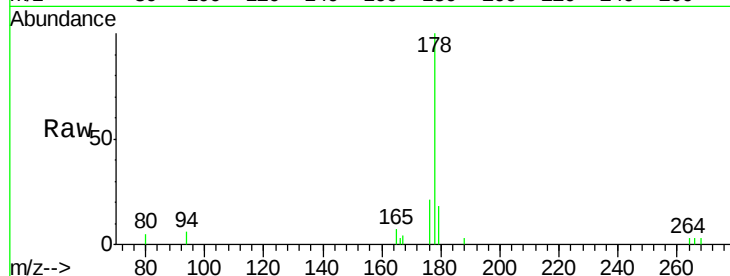
Tot Ion:178 Resp: 3292

Ion Ratio Lower Upper

178 100

179 18.3 18.4 27.6#

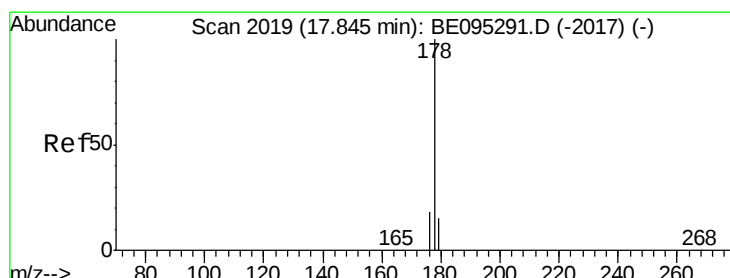
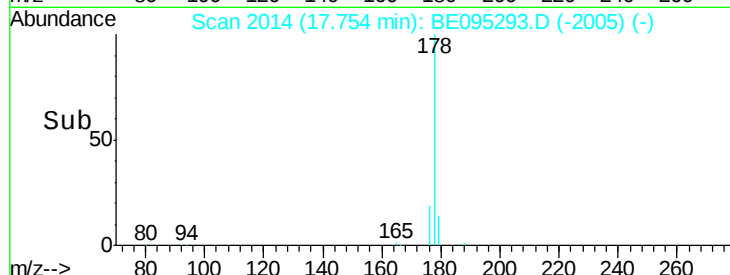
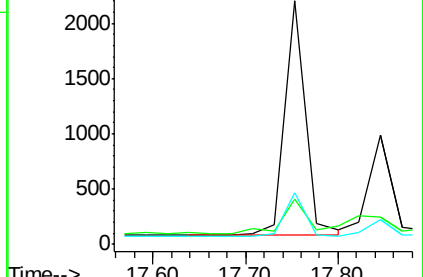
176 21.2 13.6 20.4#



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: 0.043 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

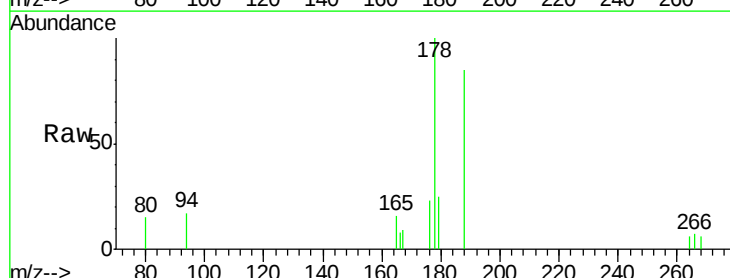
Tgt Ion:178 Resp: 1319

Ion Ratio Lower Upper

178 100

179 24.7 18.1 27.1

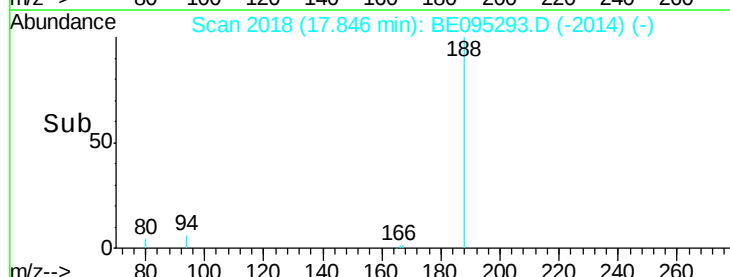
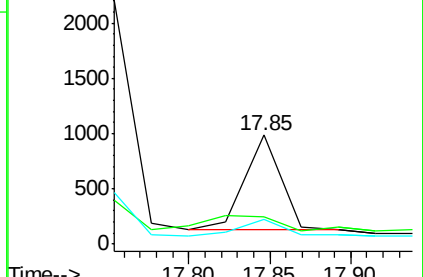
176 23.1 14.7 22.1#

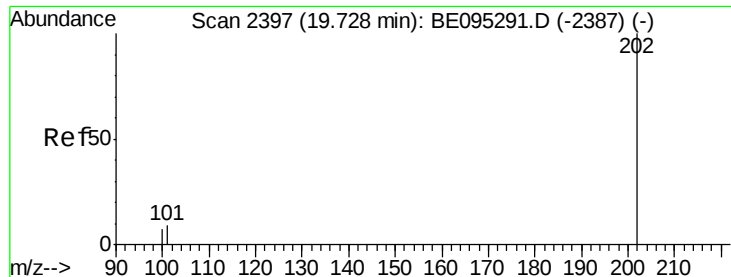


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.410 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

Instrument :

BNA_E

ClientSampleId :

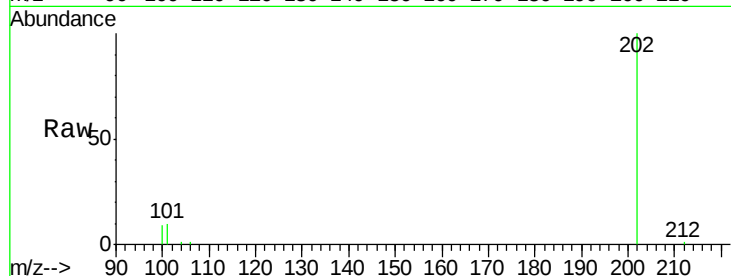
Tot Ion:202 Resp: 17807

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

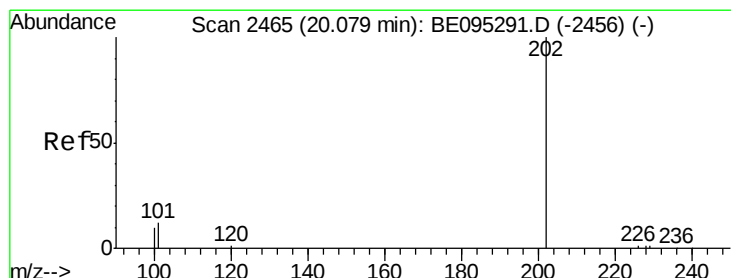
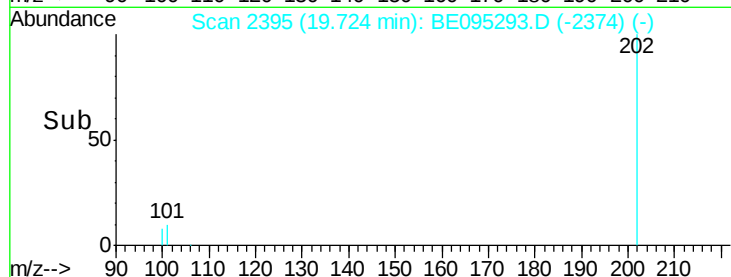
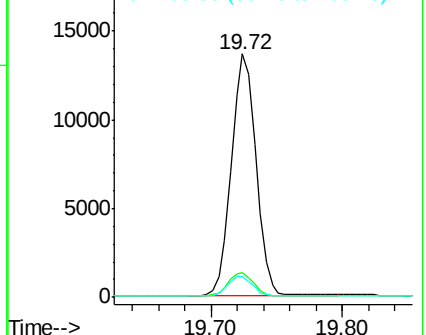
100 8.5 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.610 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

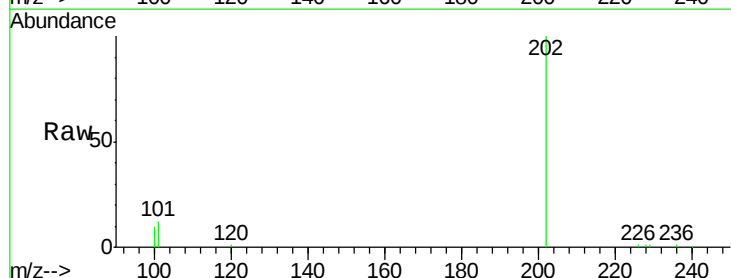
Tgt Ion:202 Resp: 20673

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

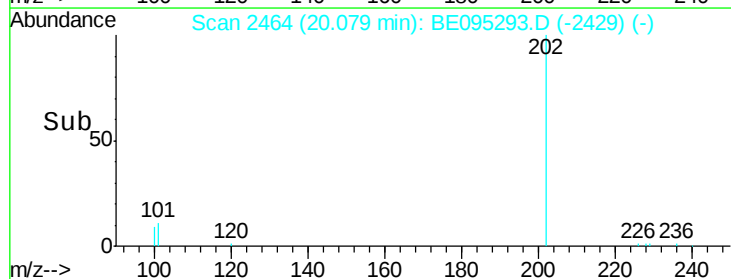
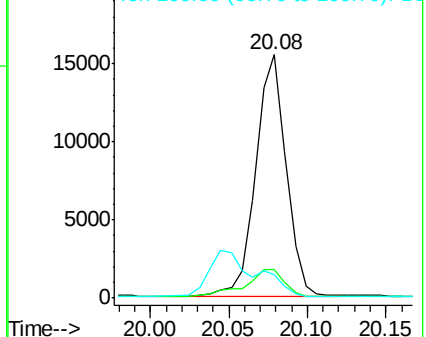
100 9.8 15.6 23.4#

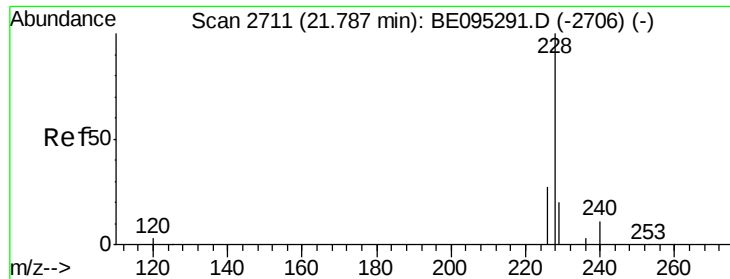


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

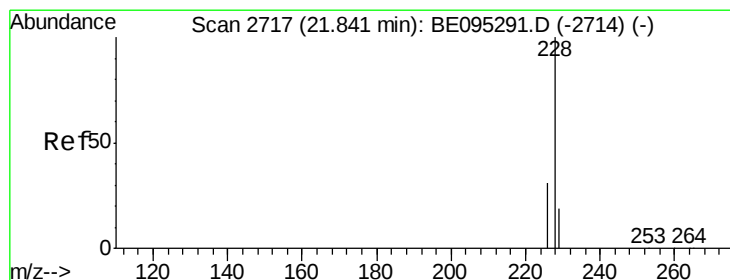
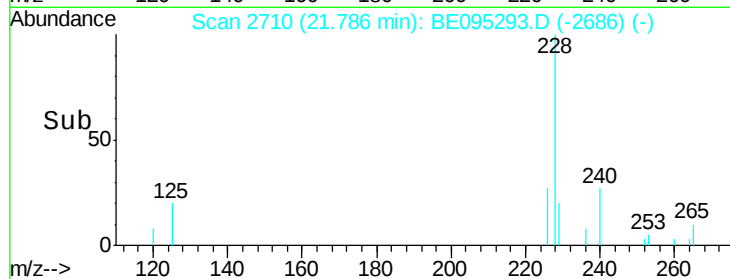
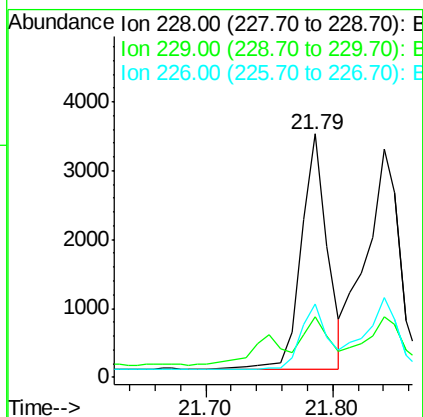
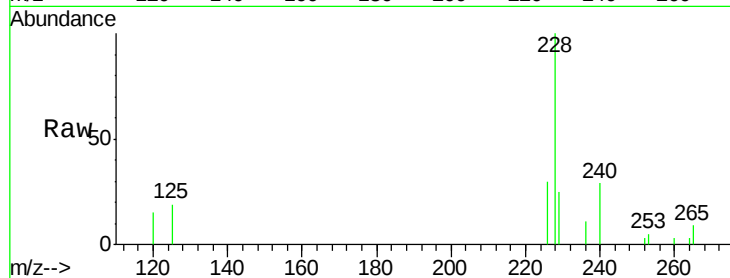




#18
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095293.D
Acq: 31 Jan 2018 00:42

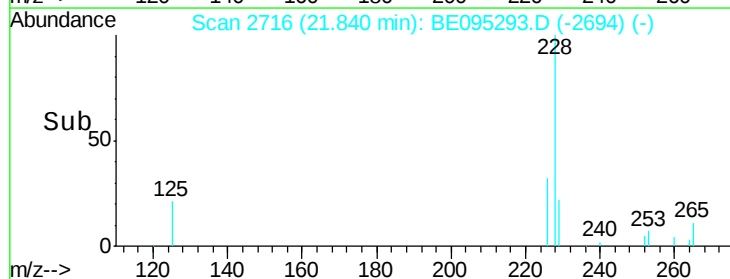
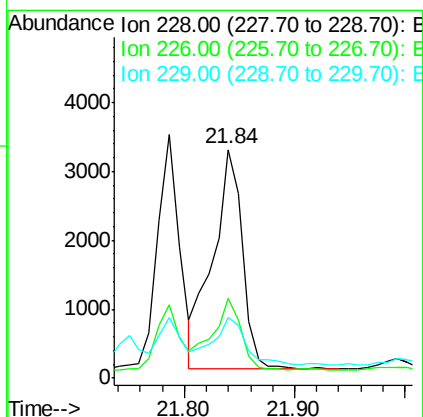
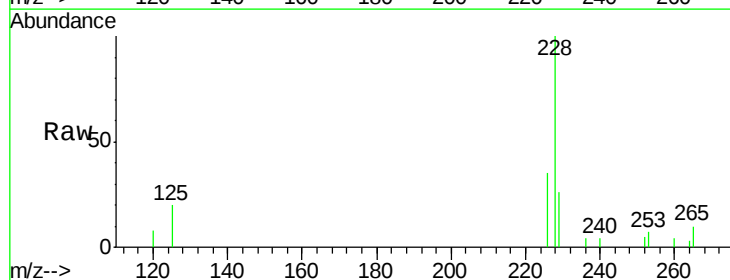
Instrument :
BNA_E
ClientSampleId :

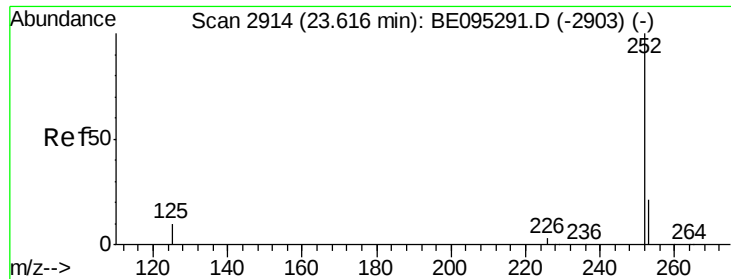
Tot Ion:228 Resp: 5755
Ion Ratio Lower Upper
228 100
229 25.1 22.8 34.2
226 29.9 17.0 25.6#



#19
Chrysene
Concen: 0.184 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095293.D
Acq: 31 Jan 2018 00:42

Tgt Ion:228 Resp: 6019
Ion Ratio Lower Upper
228 100
226 34.7 23.4 35.0
229 26.3 17.7 26.5

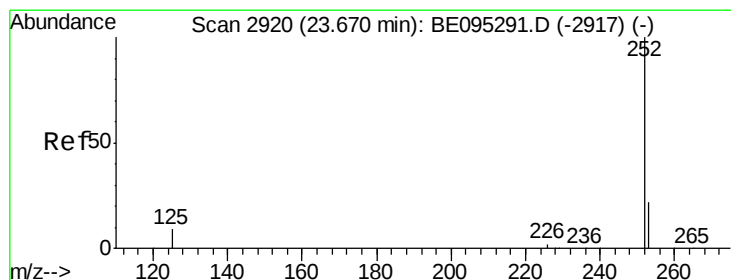
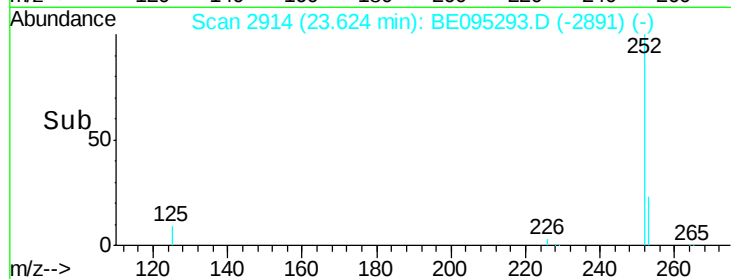
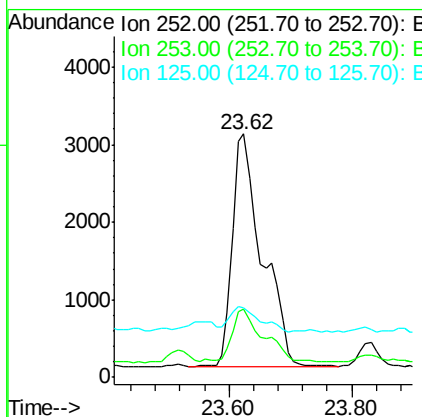
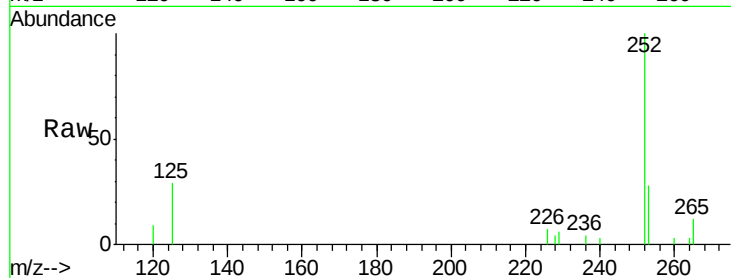




#21
Benzo(b)fluoranthene
Concen: 0.280 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095293.D
Acq: 31 Jan 2018 00:42

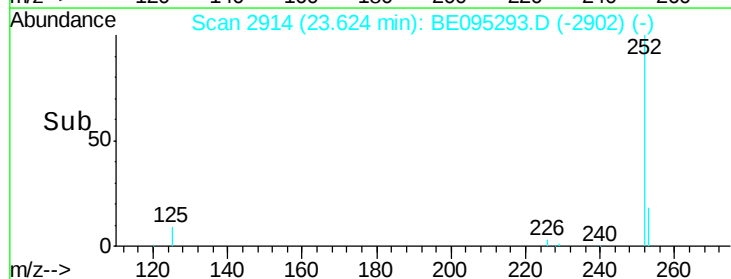
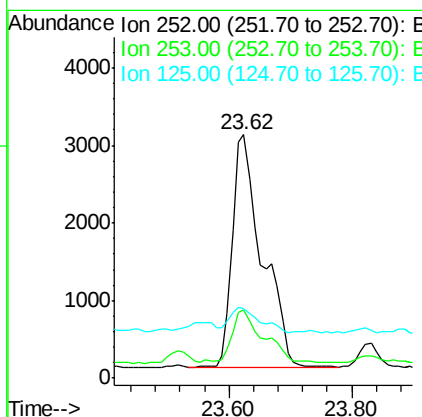
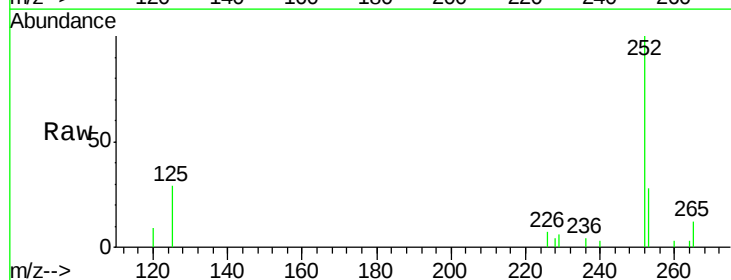
Instrument :
BNA_E
ClientSampleId :

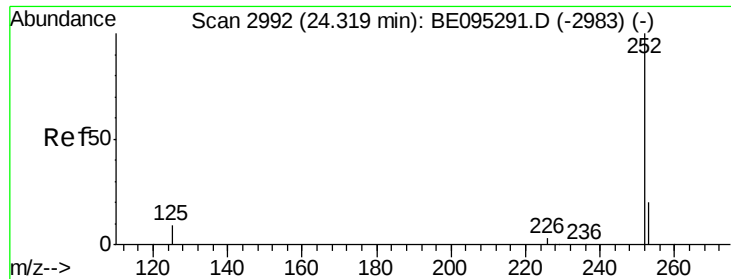
Tot Ion:252 Resp: 10107
Ion Ratio Lower Upper
252 100
253 28.0 0.0 64.2
125 28.7 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. -0.05 min
Lab File: BE095293.D
Acq: 31 Jan 2018 00:42

Tgt Ion:252 Resp: 10107
Ion Ratio Lower Upper
252 100
253 28.0 24.5 36.7
125 28.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.067 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

Instrument :

BNA_E

ClientSampleId :

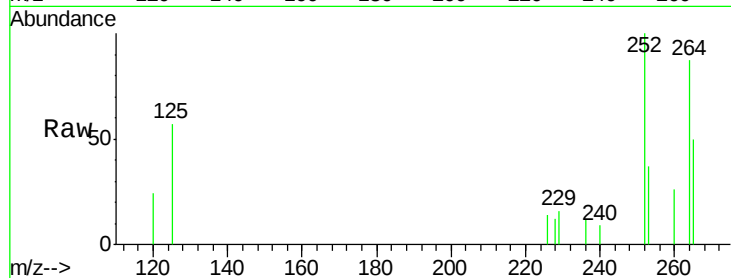
Tot Ion:252 Resp: 2147

Ion Ratio Lower Upper

252 100

253 37.4 28.5 42.7

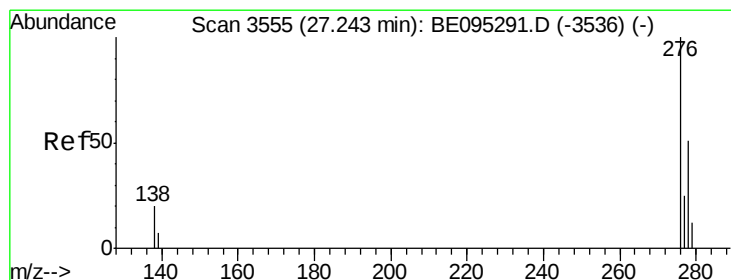
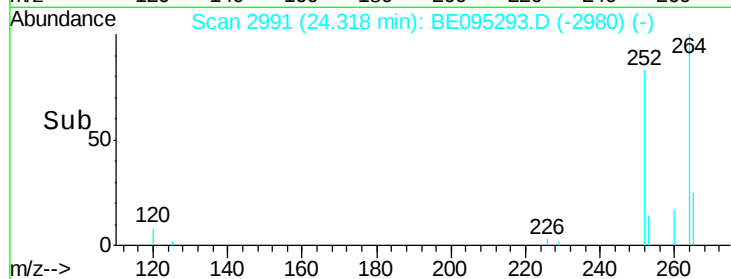
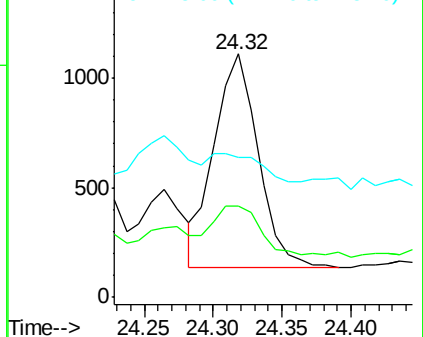
125 57.2 18.1 27.1#



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: 0.055 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

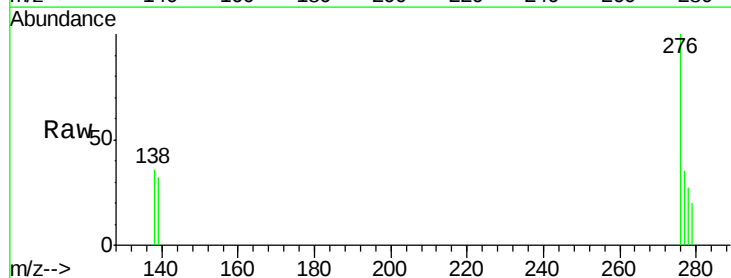
Tgt Ion:276 Resp: 1937

Ion Ratio Lower Upper

276 100

138 24.7 28.0 42.0#

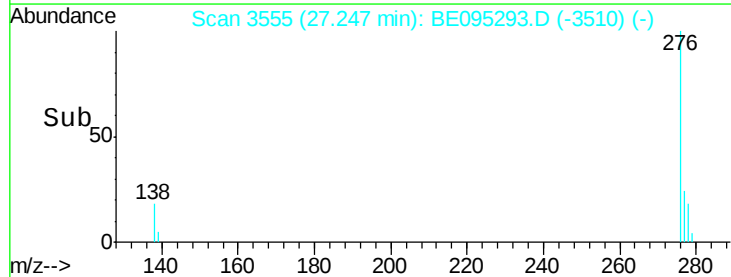
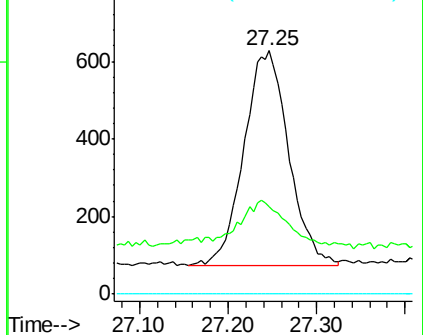
227 0.0 8.0 12.0#

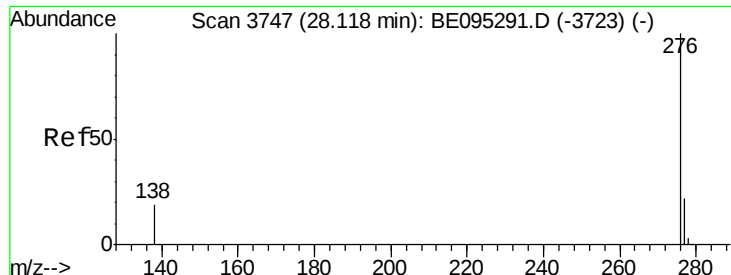


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.055 ng/ul

RT: 28.12 min Scan# 3747

Delta R.T. 0.00 min

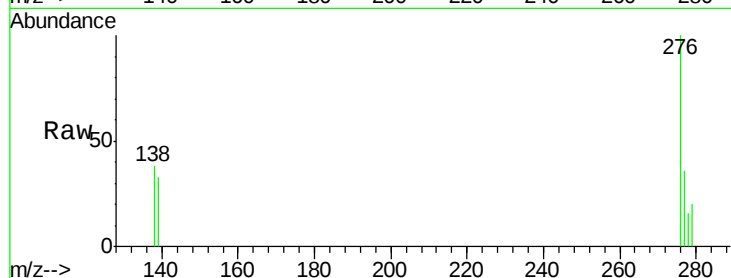
Lab File: BE095293.D

Acq: 31 Jan 2018 00:42

Instrument :

BNA_E

ClientSampleId :



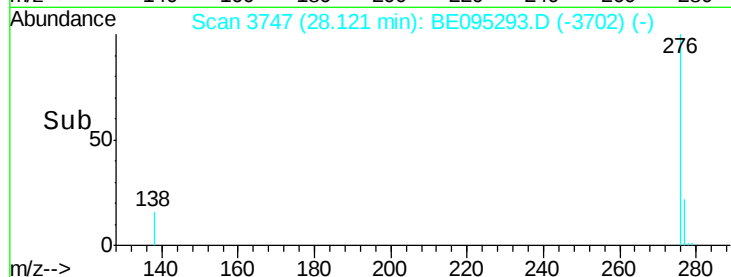
Tot Ion: 276 Resp: 1632

Ion Ratio Lower Upper

276 100

138 37.5 21.8 32.8#

277 35.6 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

