

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095493.D
 Acq On : 5 Feb 2018 16:35
 Operator : SJ/JU
 Sample : J1315-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 06 01:32:26 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 01:31:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1839	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5206	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3201	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7334	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7508	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8495	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2290	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6643	0.24	ng/ul	0.00

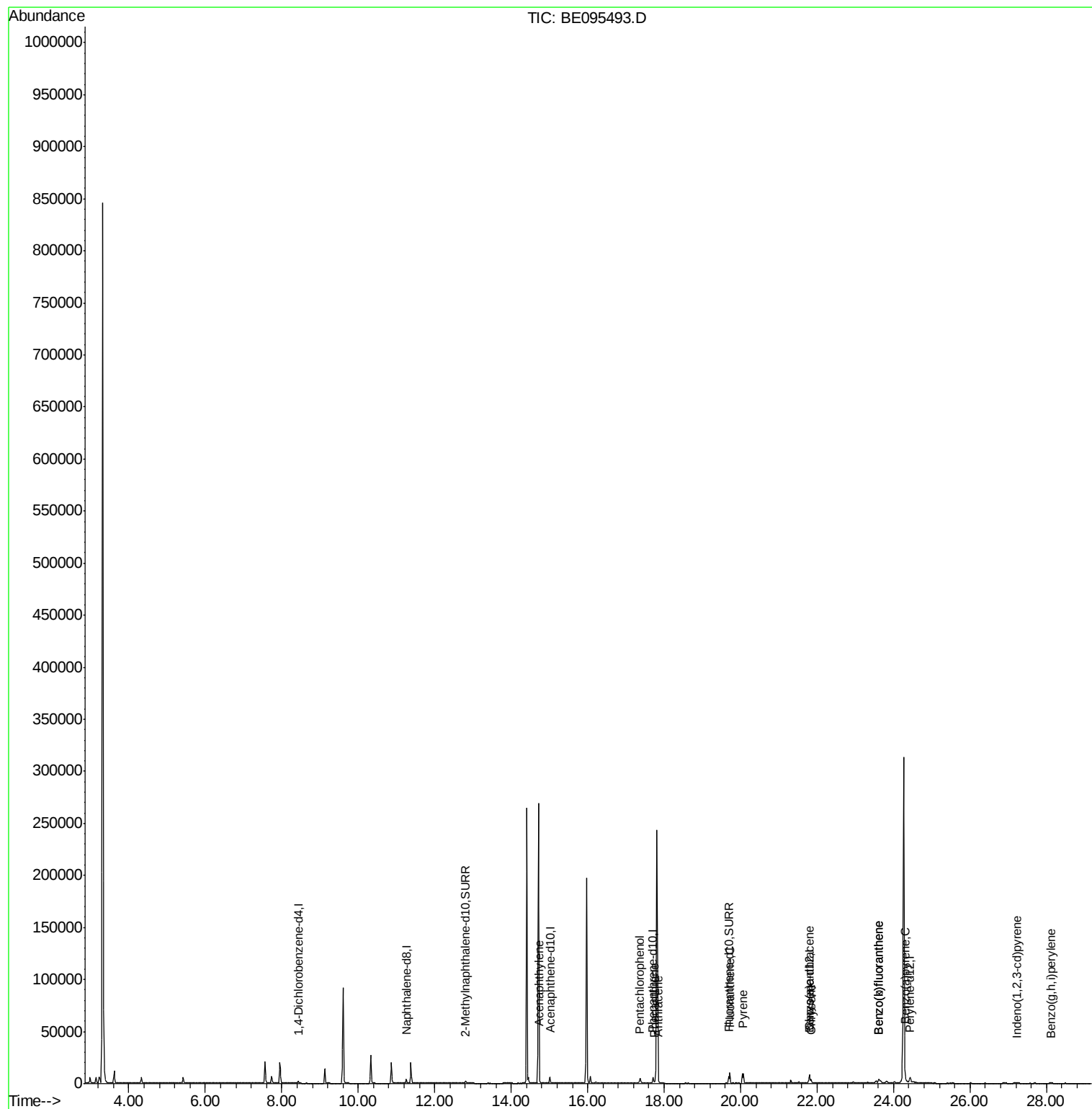
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	399	0.026	ng/ul#	57
11) Pentachlorophenol	17.36	266	3234	2.277	ng/ul	97
12) Phenanthrene	17.75	178	1320	0.054	ng/ul#	93
13) Anthracene	17.85	178	879	0.039	ng/ul#	89
15) Fluoranthene	19.72	202	12108	0.379	ng/ul	85
17) Pyrene	20.07	202	12241	0.486	ng/ul#	83
18) Benzo(a)anthracene	21.78	228	3176	0.135	ng/ul#	85
19) Chrysene	21.84	228	3686	0.151	ng/ul	93
21) Benzo(b)fluoranthene	23.62	252	7123	0.238	ng/ul	93
22) Benzo(k)fluoranthene	23.62	252	7123	0.260	ng/ul	95
23) Benzo(a)pyrene	24.31	252	1425	0.053	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	27.24	276	1468	0.050	ng/ul#	74
26) Benzo(g,h,i)perylene	28.11	276	1239	0.050	ng/ul#	80

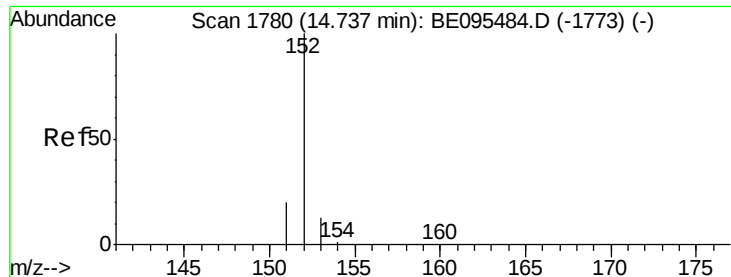
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

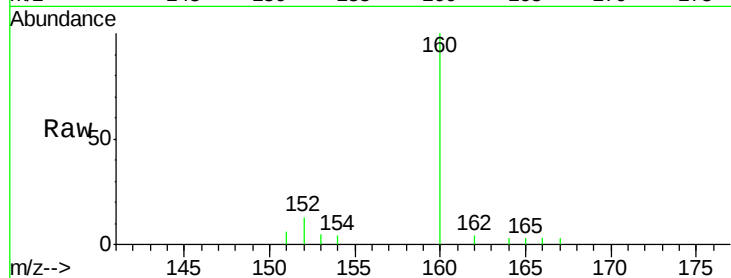
Tot Ion:152 Resp: 399

Ion Ratio Lower Upper

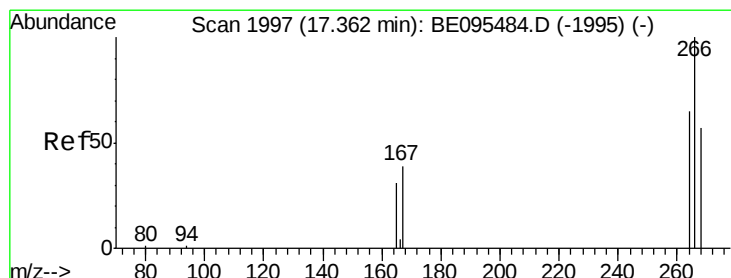
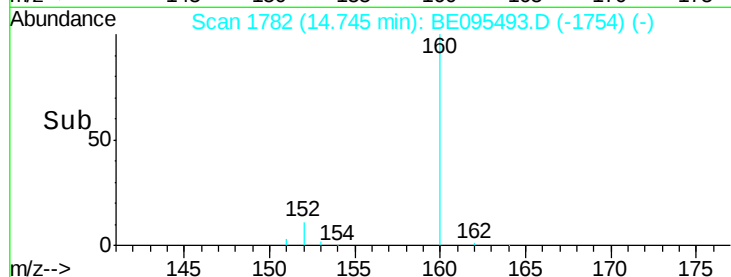
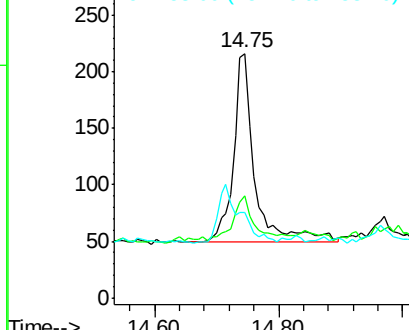
152 100

151 41.7 17.1 25.7#

153 34.7 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



#11

Pentachlorophenol

Concen: 2.277 ng/ul

RT: 17.36 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

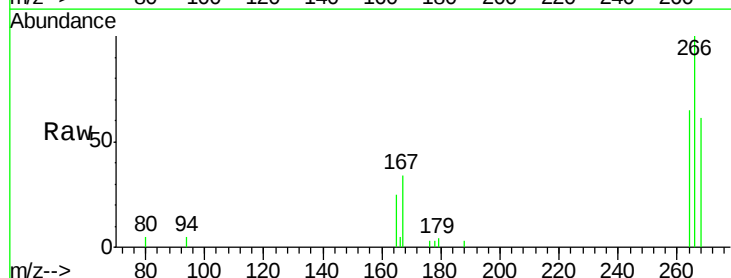
Tgt Ion:266 Resp: 3234

Ion Ratio Lower Upper

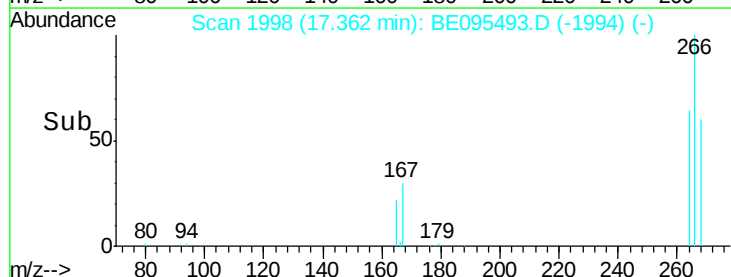
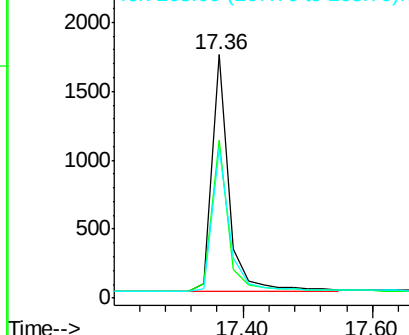
266 100

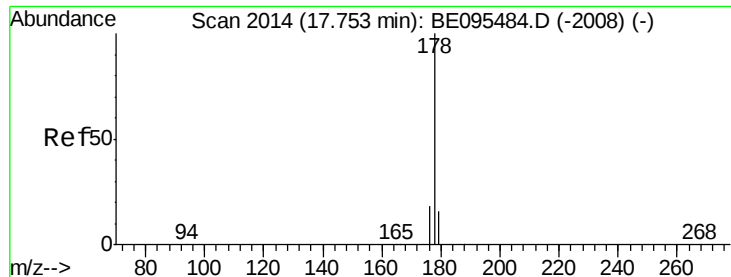
264 64.2 47.9 71.9

268 63.0 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





#12

Phenanthrene

Concen: 0.054 ng/ul

RT: 17.75 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

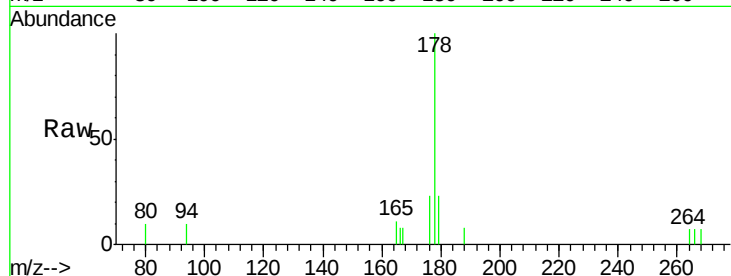
Tot Ion:178 Resp: 1320

Ion Ratio Lower Upper

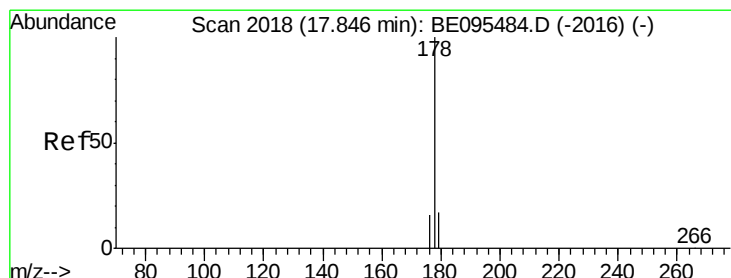
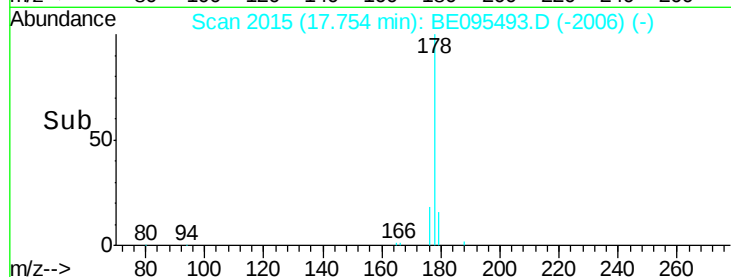
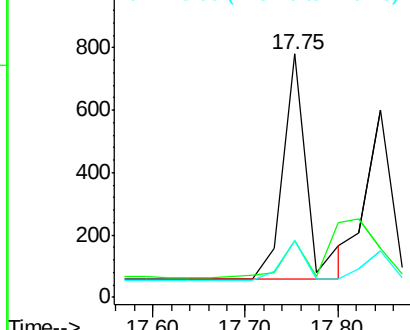
178 100

179 23.3 18.4 27.6

176 23.4 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: 0.039 ng/ul

RT: 17.85 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

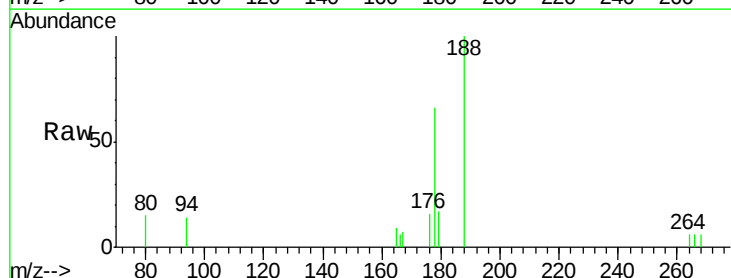
Tgt Ion:178 Resp: 879

Ion Ratio Lower Upper

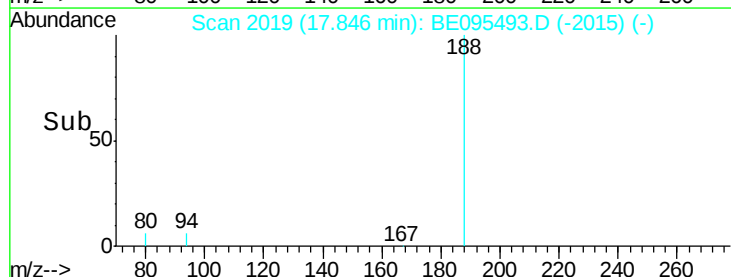
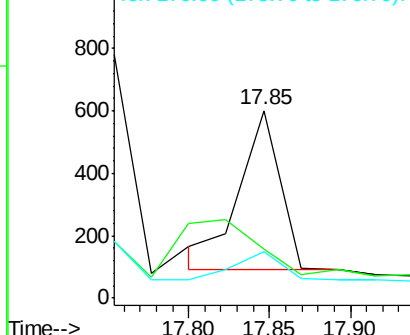
178 100

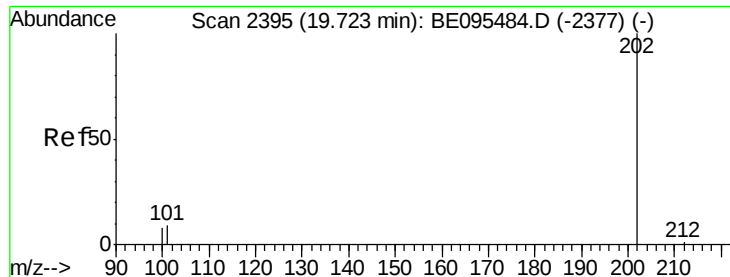
179 26.5 18.1 27.1

176 24.6 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: 0.379 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

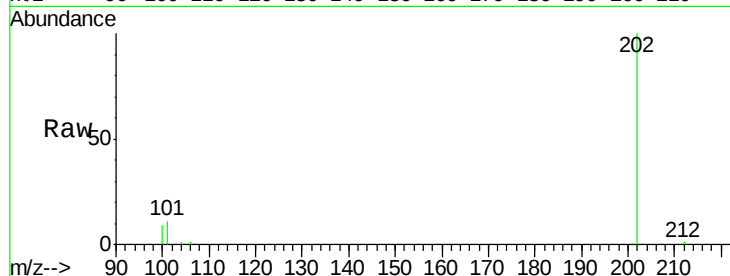
Tot Ion:202 Resp: 12108

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

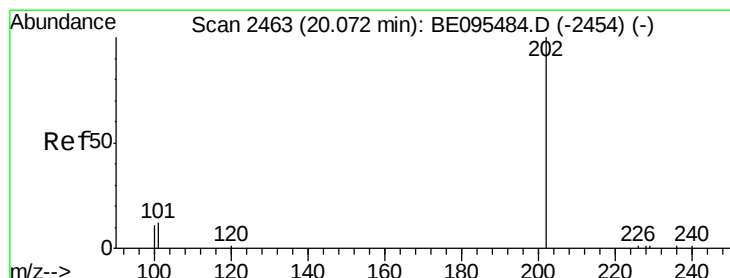
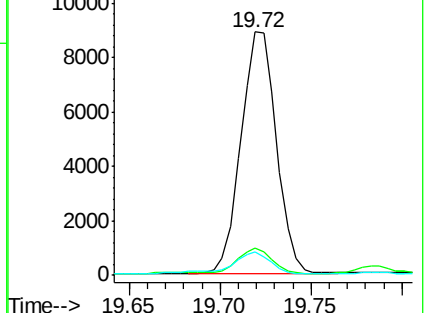
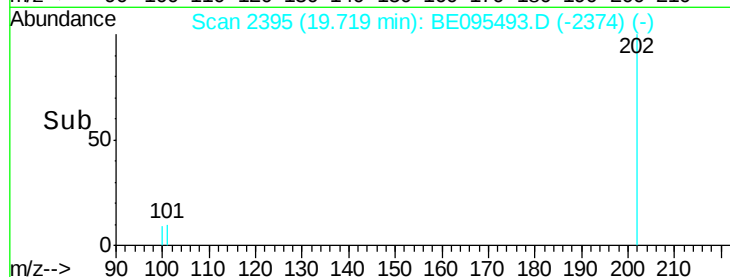
100 9.4 0.0 39.5



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: 0.486 ng/ul

RT: 20.07 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

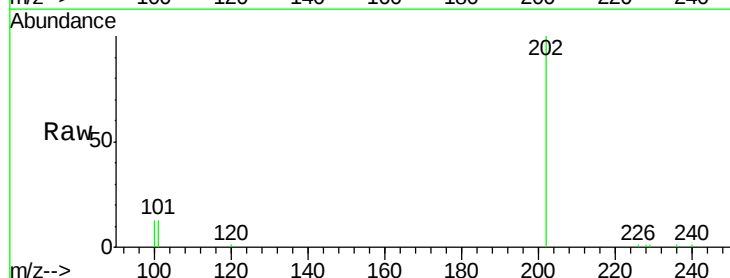
Tgt Ion:202 Resp: 12241

Ion Ratio Lower Upper

202 100

101 13.2 18.2 27.4#

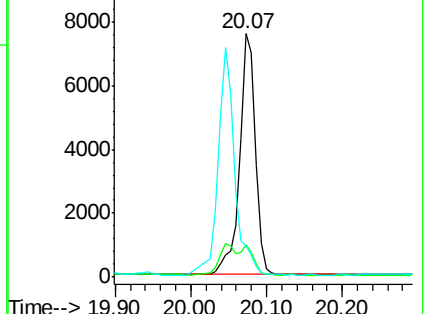
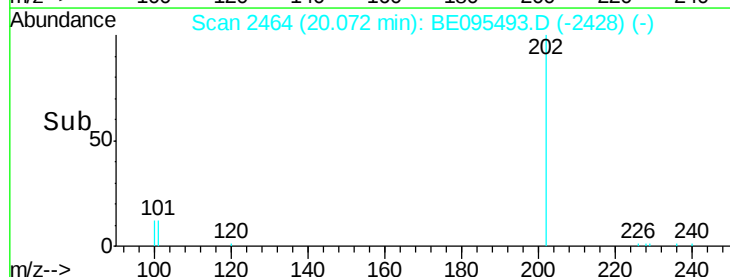
100 13.0 15.6 23.4#

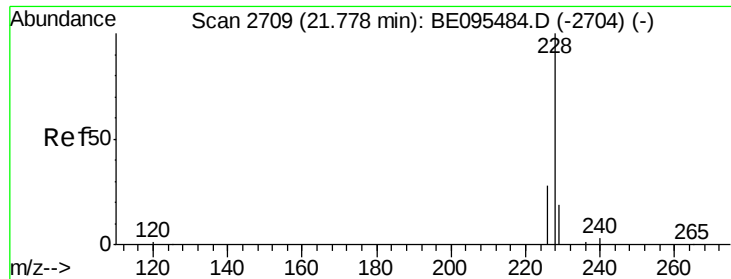


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

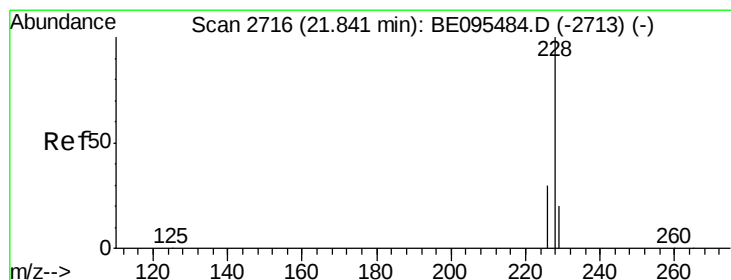
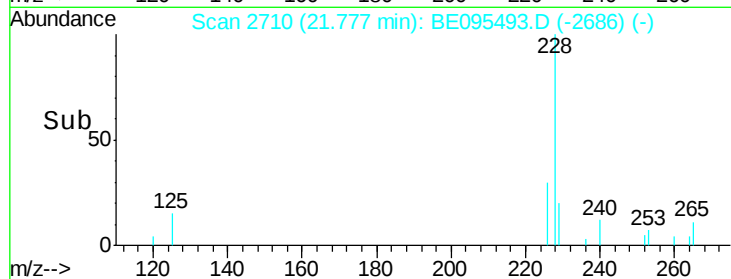
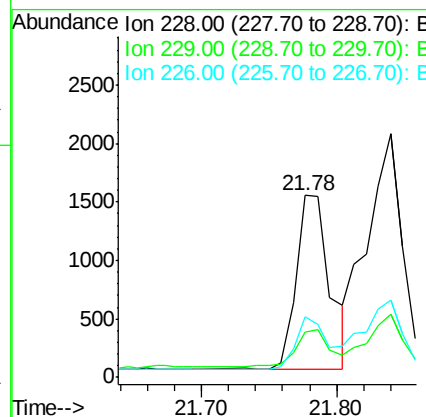
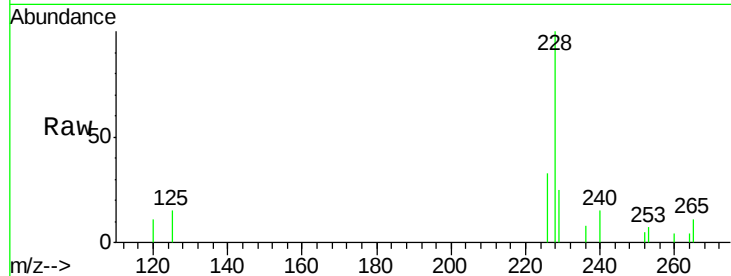




#18
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.78 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095493.D
Acq: 5 Feb 2018 16:35

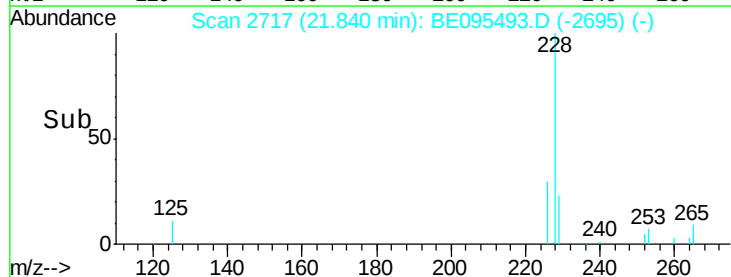
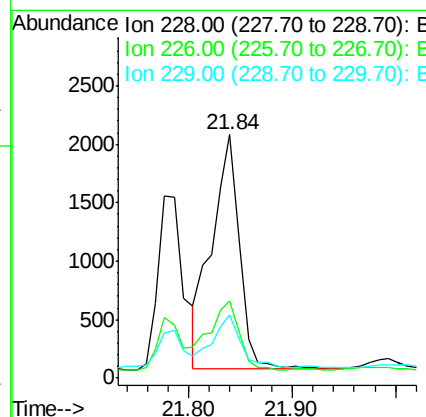
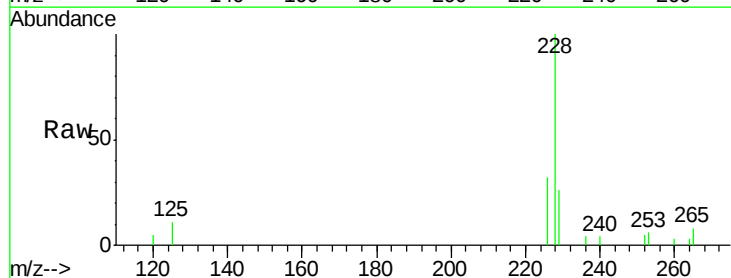
Instrument :
BNA_E
ClientSampleId :

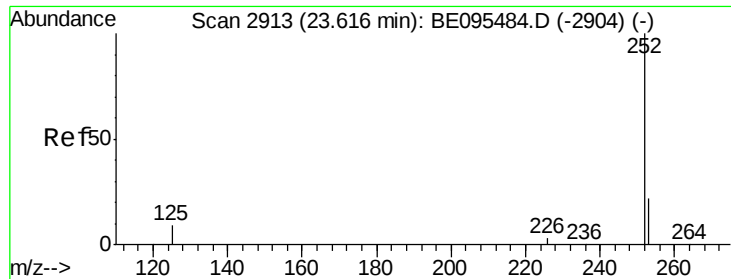
Tot Ion:228 Resp: 3176
Ion Ratio Lower Upper
228 100
229 24.8 22.8 34.2
226 33.1 17.0 25.6#



#19
Chrysene
Concen: 0.151 ng/ul
RT: 21.84 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BE095493.D
Acq: 5 Feb 2018 16:35

Tgt Ion:228 Resp: 3686
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.0
229 26.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.238 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

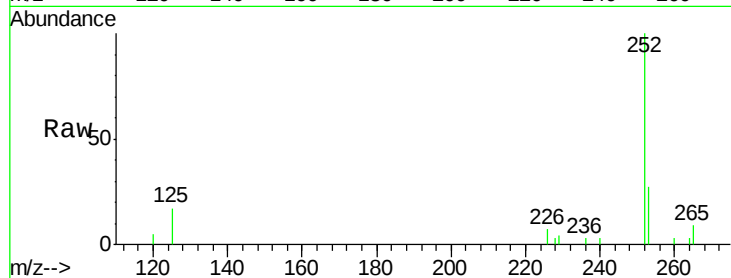
Tot Ion:252 Resp: 7123

Ion Ratio Lower Upper

252 100

253 26.5 0.0 64.2

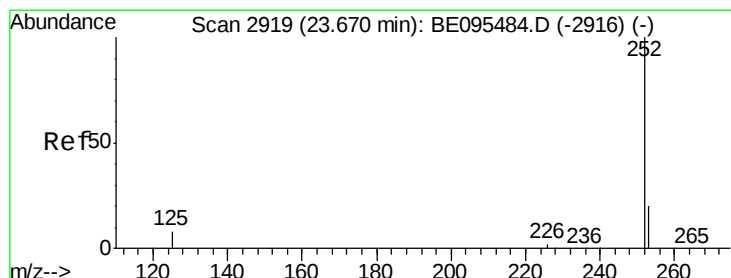
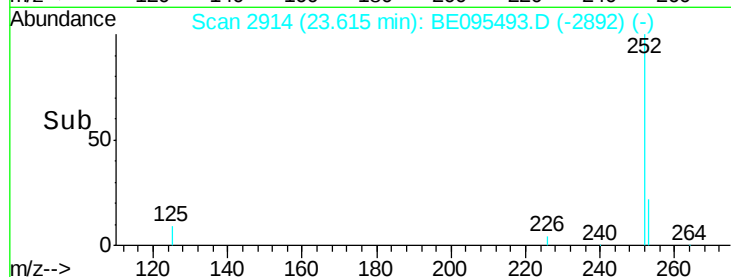
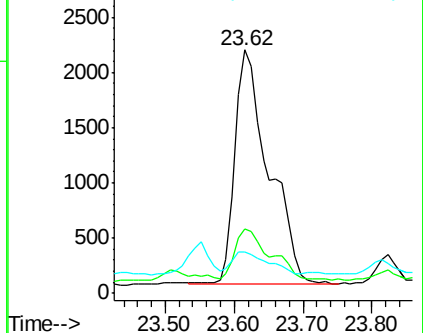
125 17.1 0.0 35.0



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: 0.260 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

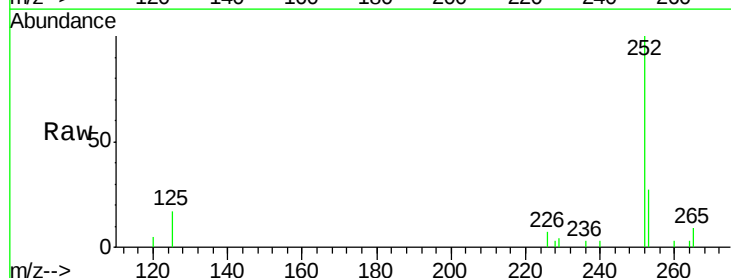
Tgt Ion:252 Resp: 7123

Ion Ratio Lower Upper

252 100

253 26.5 24.5 36.7

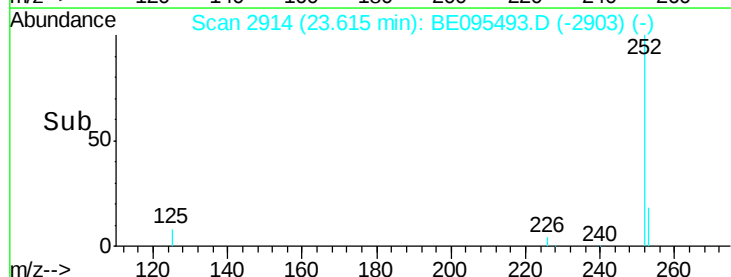
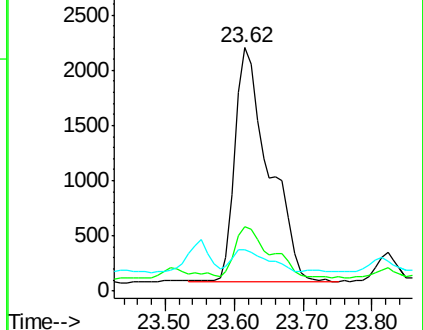
125 17.1 13.7 20.5

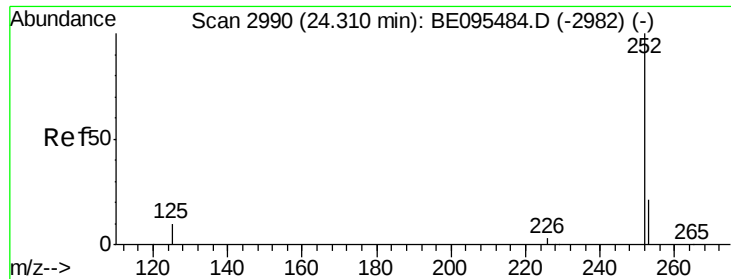


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.053 ng/u1

RT: 24.31 min Scan# 2991

Delta R.T. -0.00 min

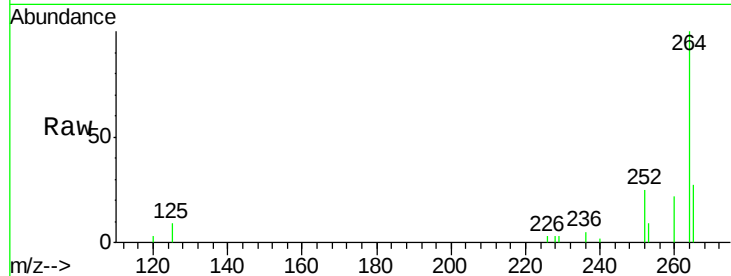
Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :



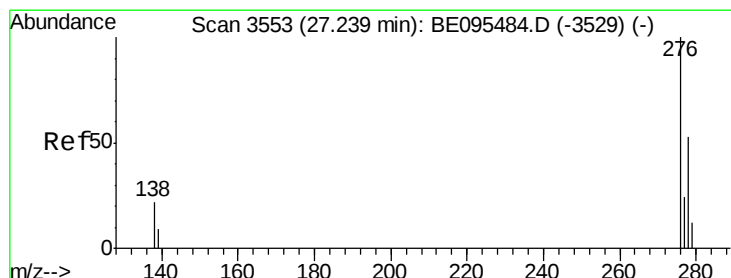
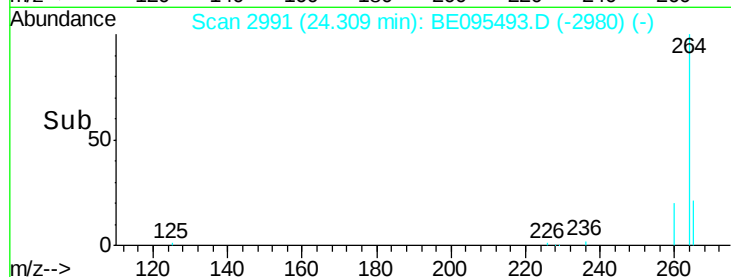
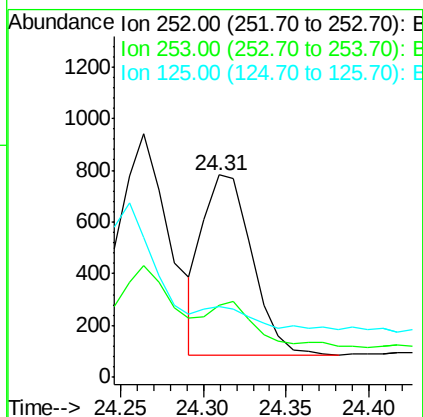
Tot Ion:252 Resp: 1425

Ion Ratio Lower Upper

252 100

253 35.5 28.5 42.7

125 35.3 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.050 ng/u1

RT: 27.24 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

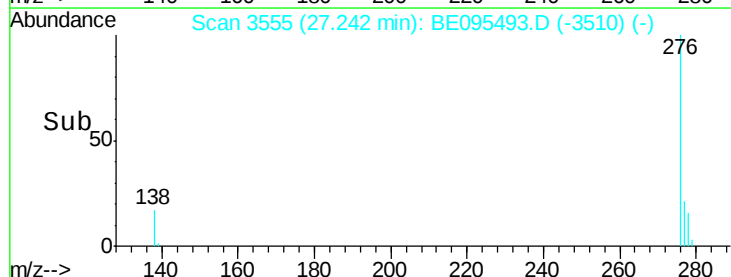
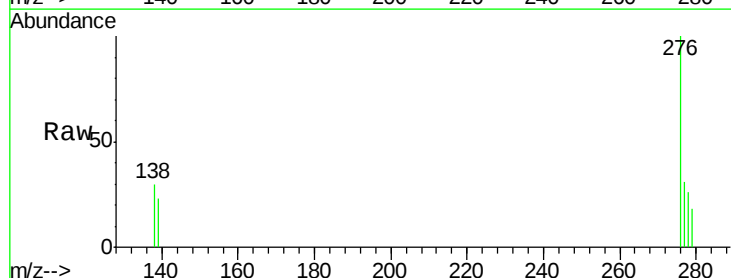
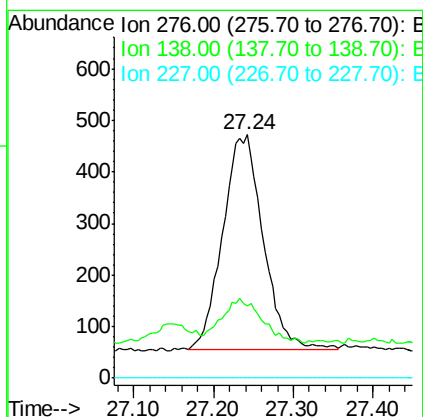
Tgt Ion:276 Resp: 1468

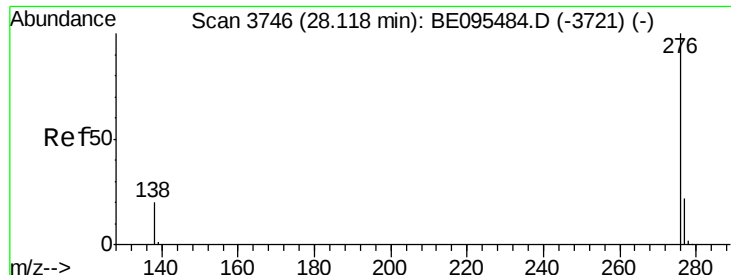
Ion Ratio Lower Upper

276 100

138 20.2 28.0 42.0#

227 0.0 8.0 12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.050 ng/ul

RT: 28.11 min Scan# 3746

Delta R.T. -0.01 min

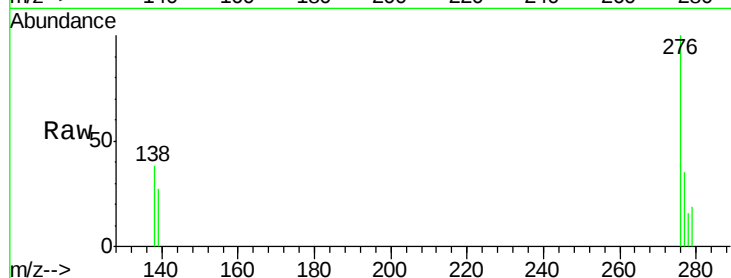
Lab File: BE095493.D

Acq: 5 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 1239

Ion Ratio Lower Upper

276 100

138 38.3 21.8 32.8#

277 35.2 20.5 30.7#

