

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095222.D
 Acq On : 29 Jan 2018 00:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 07:00:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration

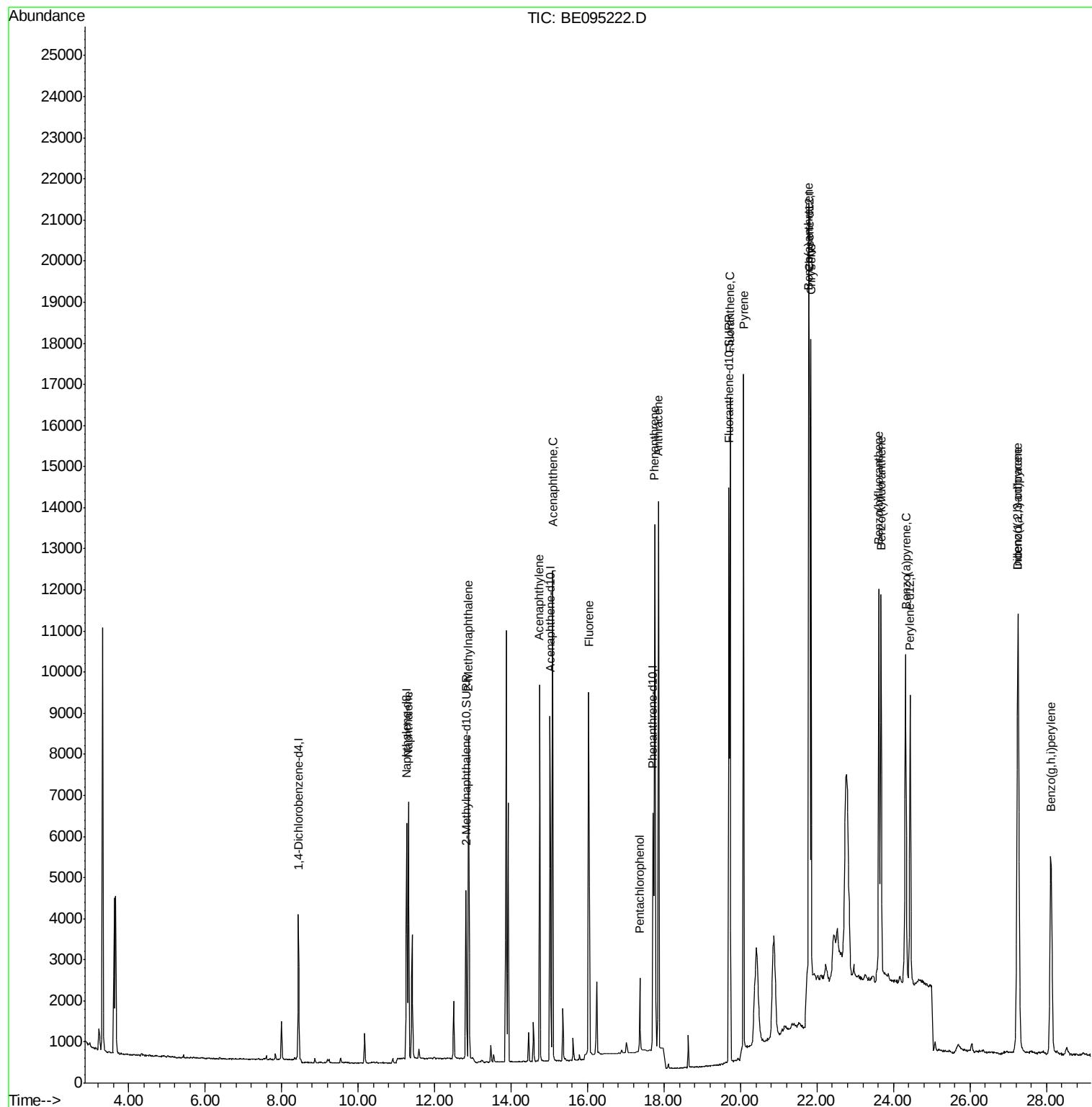
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2491	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	7823	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4906	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10264	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11324	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10962	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	5525	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	15581	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	8809	0.402	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6300	0.431	ng/ul	100
7) Acenaphthylene	14.75	152	10039	0.425	ng/ul	96
8) Acenaphthene	15.08	153	7285	0.398	ng/ul	98
9) Fluorene	16.03	166	7835	0.415	ng/ul#	72
11) Pentachlorophenol	17.36	266	1103	0.555	ng/ul	94
12) Phenanthrene	17.75	178	14648	0.424	ng/ul#	86
13) Anthracene	17.85	178	15165	0.480	ng/ul#	92
15) Fluoranthene	19.73	202	17266	0.386	ng/ul	83
17) Pyrene	20.08	202	19527	0.514	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	15688	0.443	ng/ul#	86
19) Chrysene	21.84	228	14836	0.404	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	14202	0.367	ng/ul	89
22) Benzo(k)fluoranthene	23.67	252	14233	0.402	ng/ul#	91
23) Benzo(a)pyrene	24.32	252	13880	0.402	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.25	276	15524	0.410	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.27	278	12707	0.410	ng/ul#	91
26) Benzo(g,h,i)perylene	28.11	276	12927	0.403	ng/ul	95

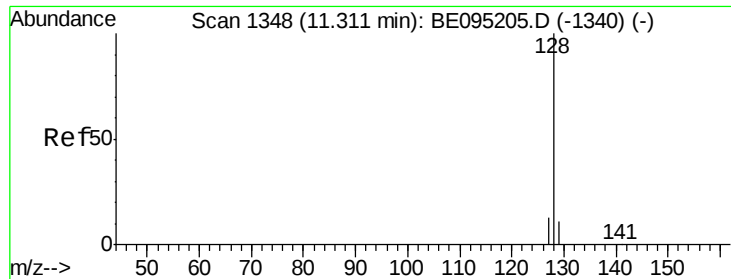
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 0.402 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

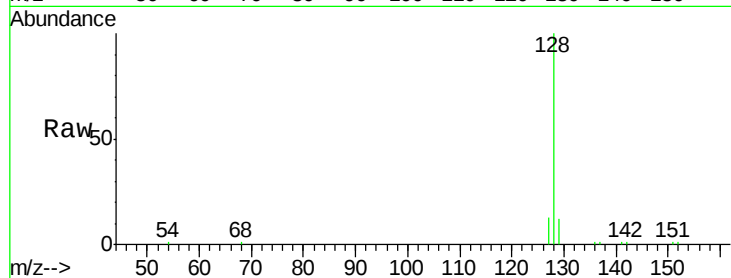
Tot Ion:128 Resp: 8809

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

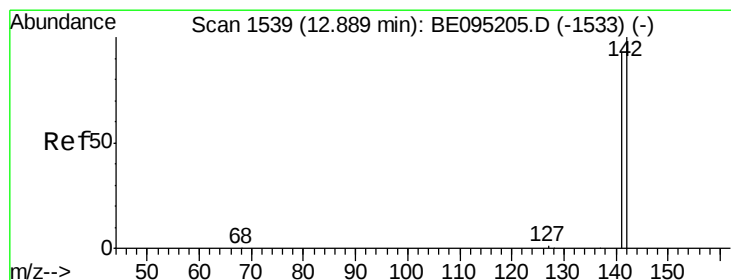
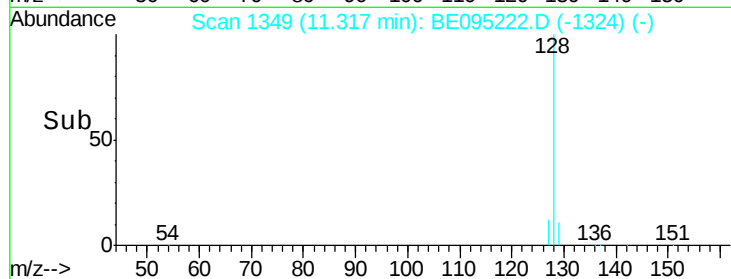
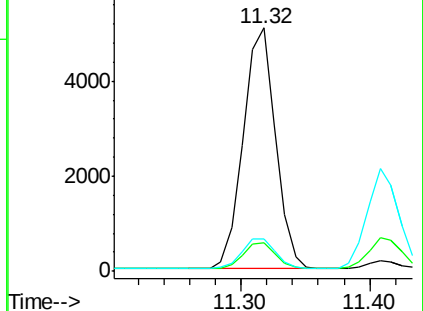
127 13.2 4.0 6.0#



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: 0.431 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095222.D

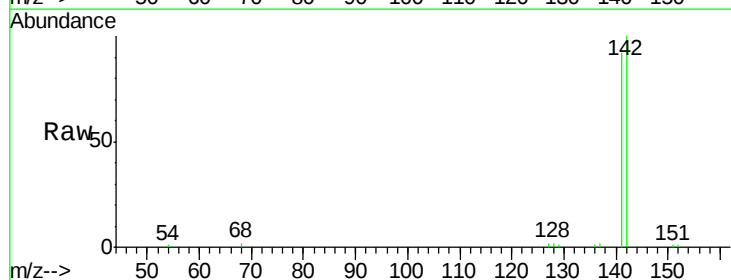
Acq: 29 Jan 2018 00:16

Tgt Ion:142 Resp: 6300

Ion Ratio Lower Upper

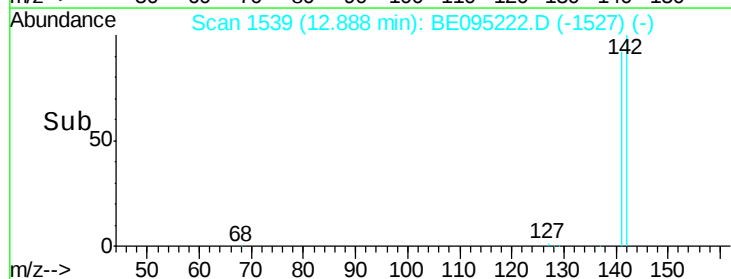
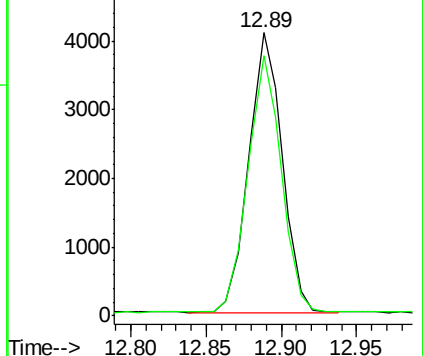
142 100

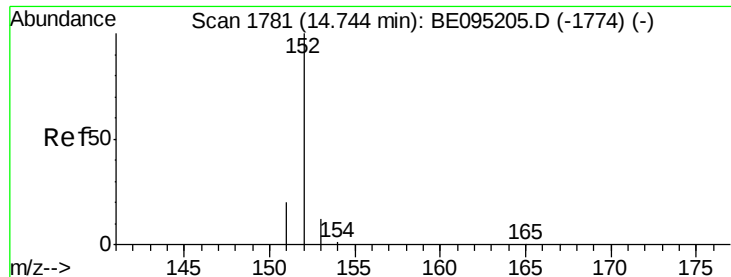
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.425 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

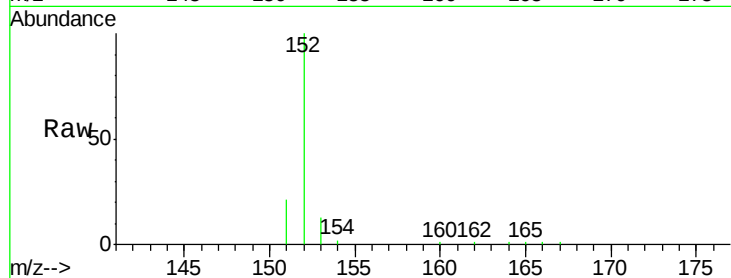
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 10039

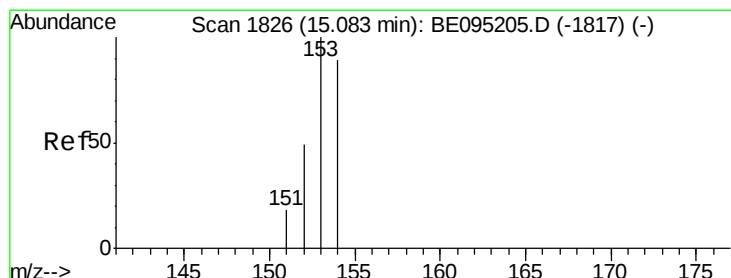
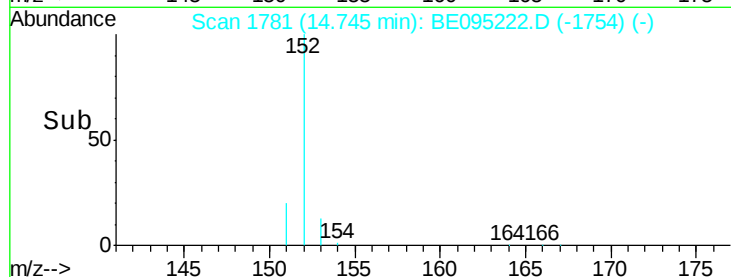
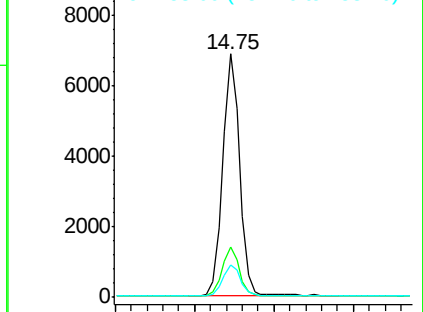
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	13.4	12.8	19.2



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



#8

Acenaphthene

Concen: 0.398 ng/ul

RT: 15.08 min Scan# 1826

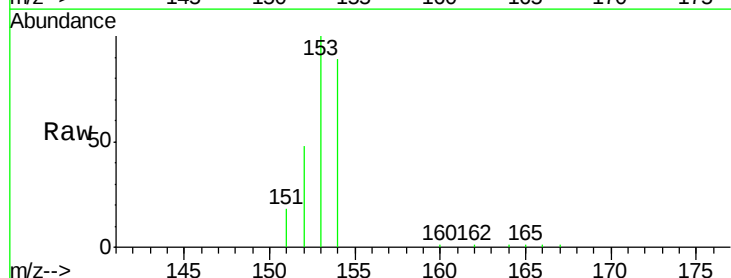
Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Tgt Ion:153 Resp: 7285

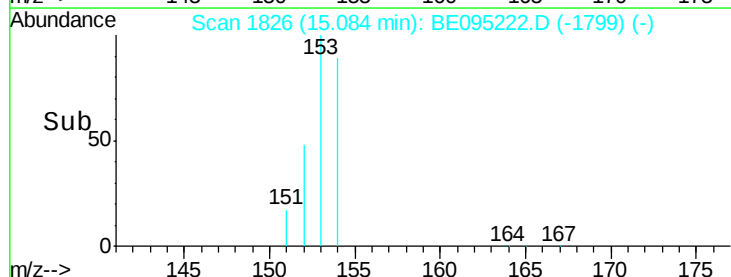
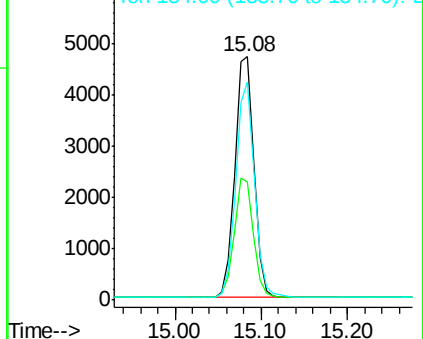
Ion	Ratio	Lower	Upper
153	100		
152	48.3	36.0	54.0
154	89.3	72.0	108.0

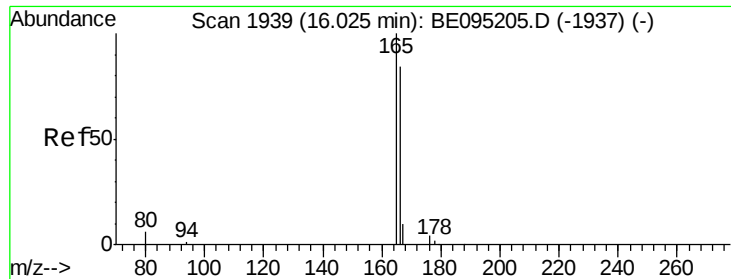


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.415 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

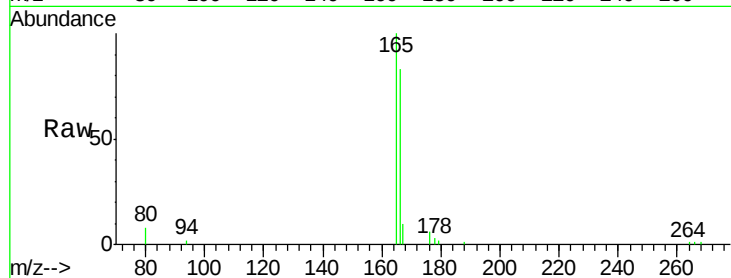
Tot Ion:166 Resp: 7835

Ion Ratio Lower Upper

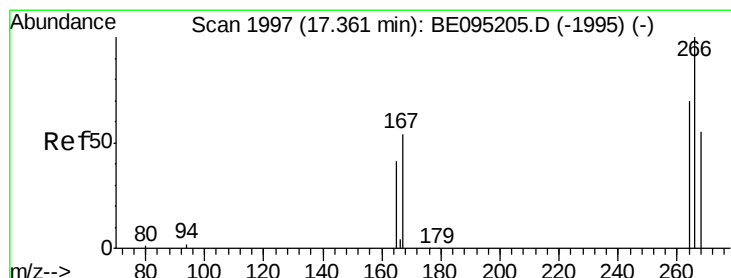
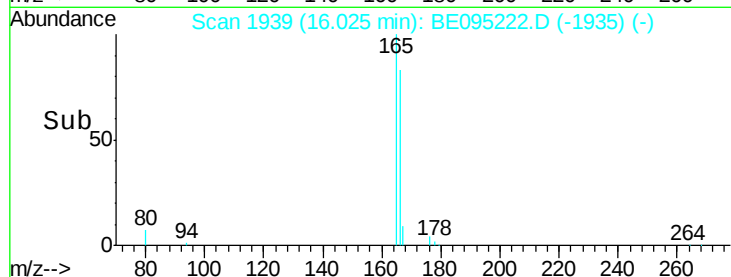
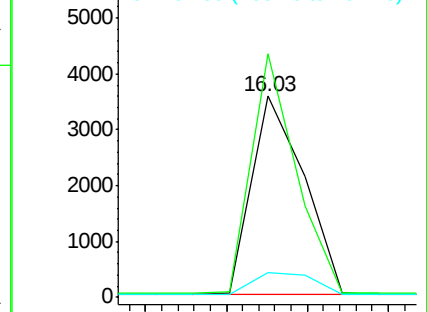
166 100

165 121.2 73.4 110.2#

167 12.3 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.555 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

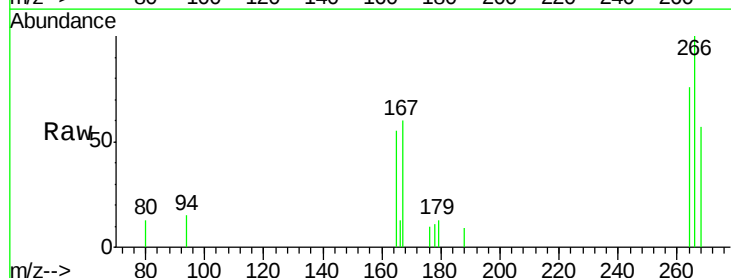
Tgt Ion:266 Resp: 1103

Ion Ratio Lower Upper

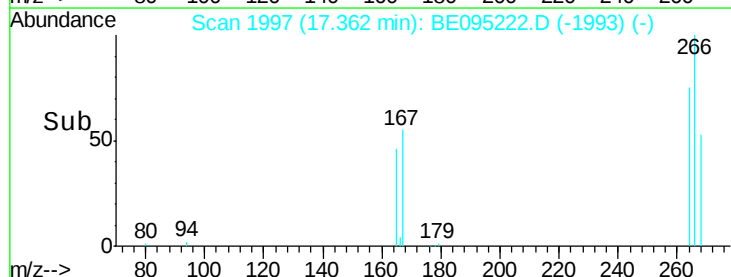
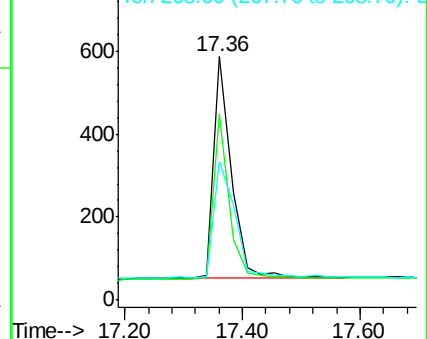
266 100

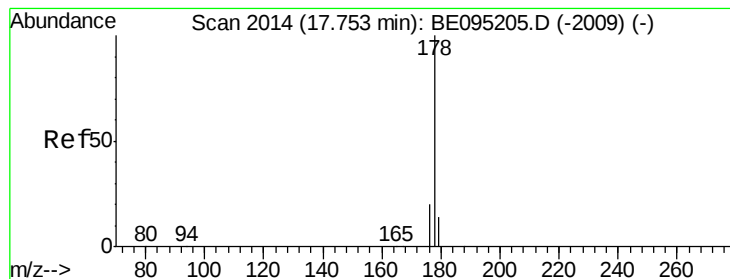
264 67.3 47.9 71.9

268 63.5 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: 0.424 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

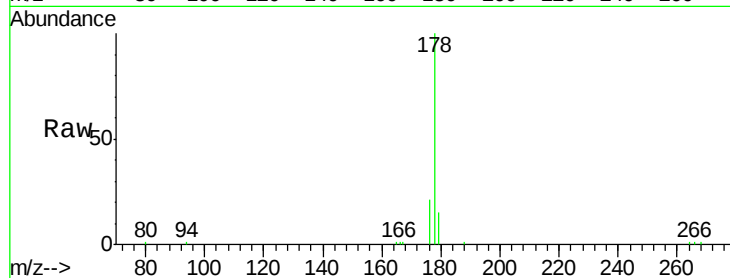
Tot Ion:178 Resp: 14648

Ion Ratio Lower Upper

178 100

179 14.6 18.4 27.6#

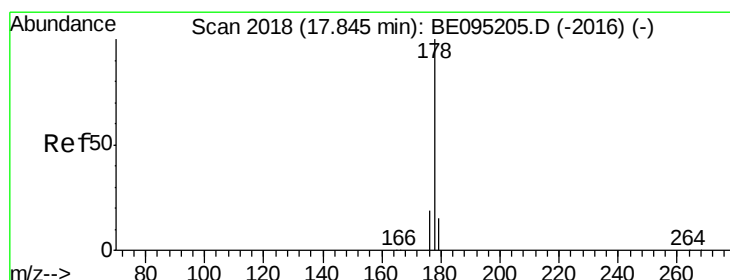
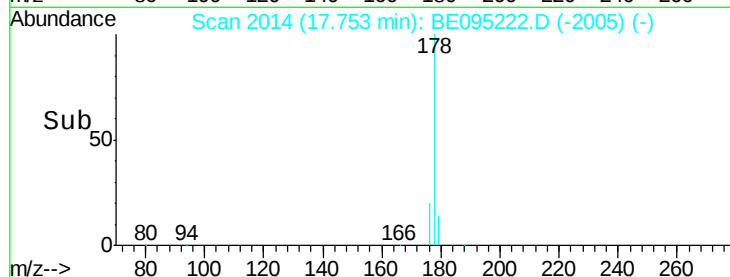
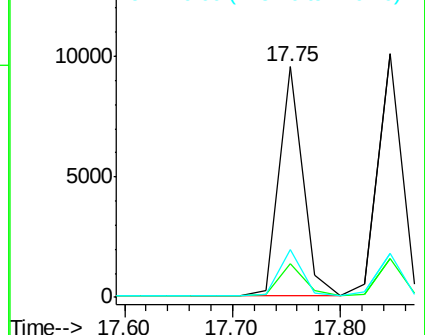
176 20.9 13.6 20.4#



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: 0.480 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

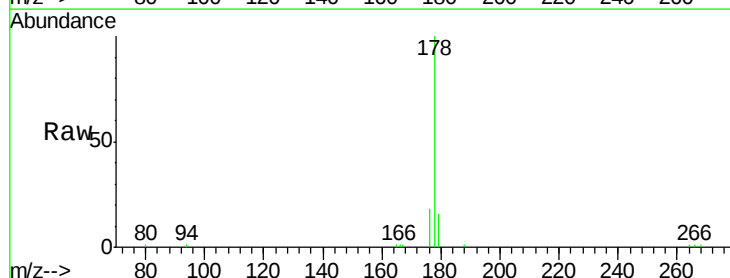
Tgt Ion:178 Resp: 15165

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

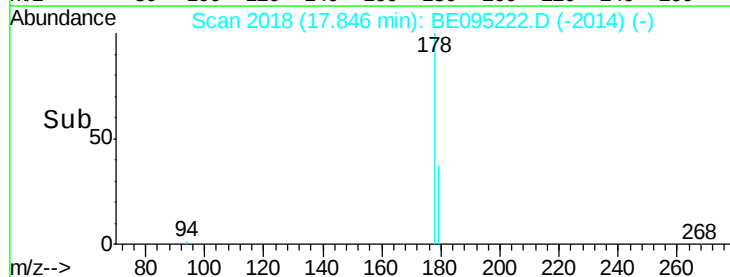
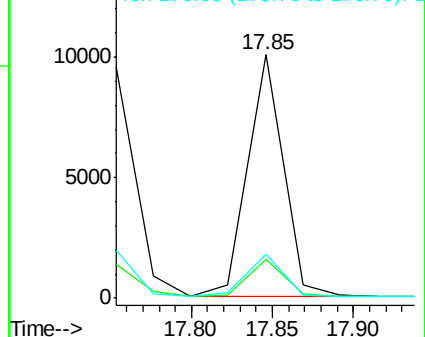
176 18.3 14.7 22.1

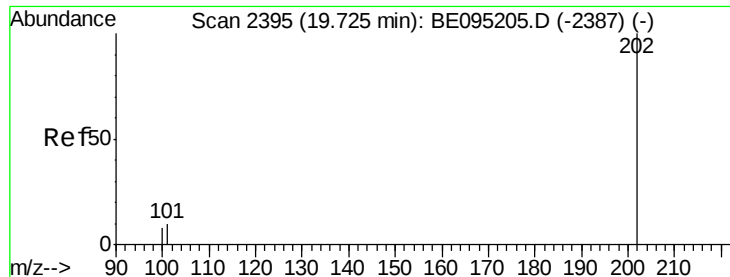


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.386 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

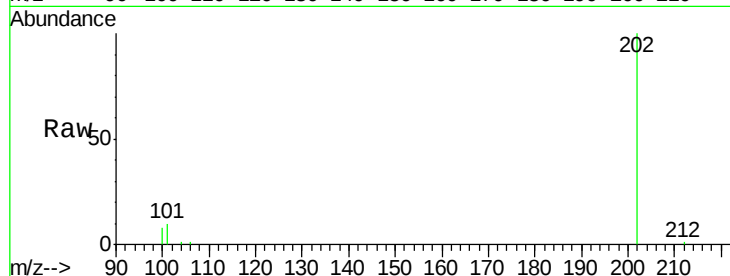
Tot Ion:202 Resp: 17266

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

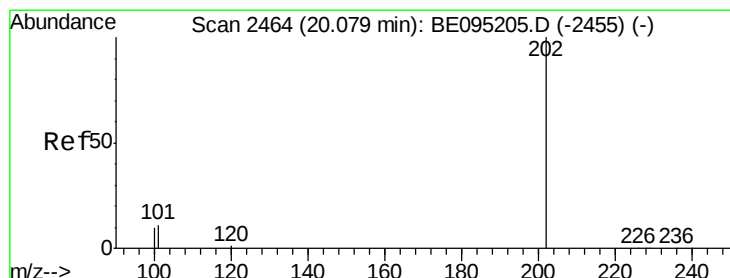
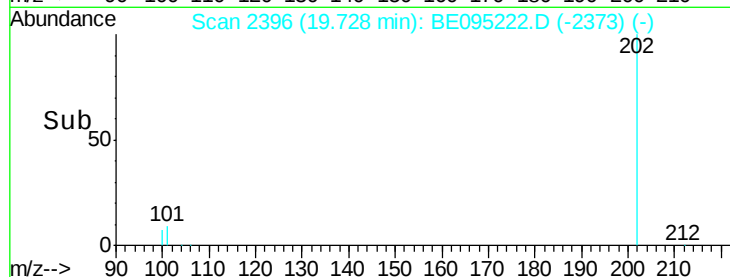
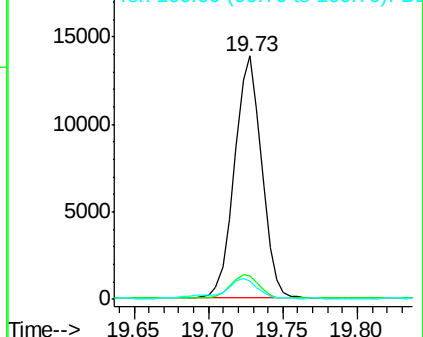
100 7.6 0.0 39.5



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: 0.514 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

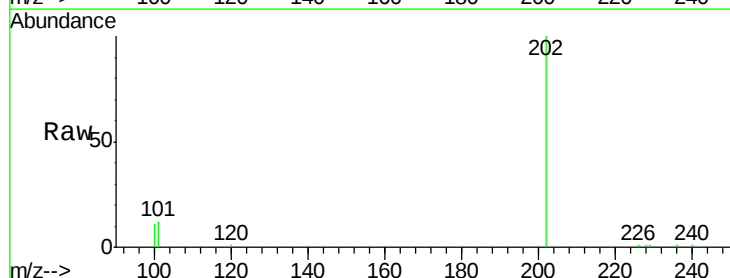
Tgt Ion:202 Resp: 19527

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

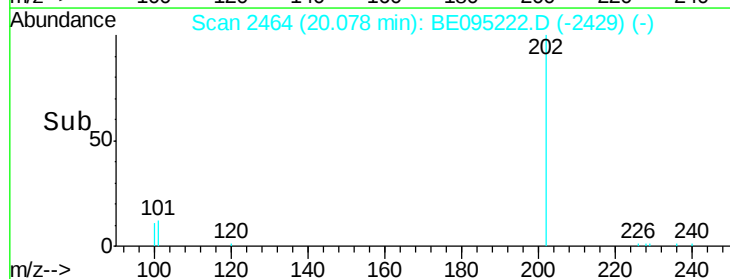
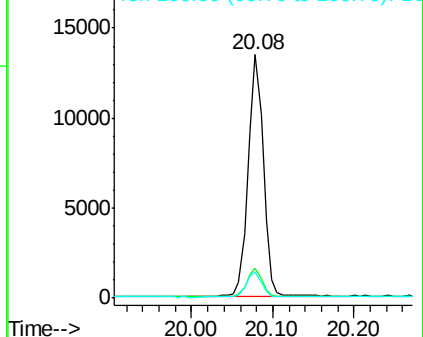
100 10.9 15.6 23.4#

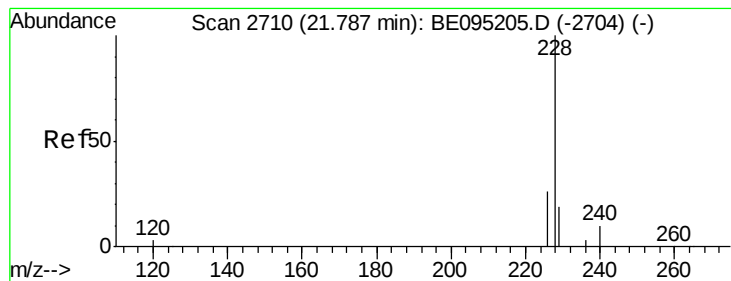


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.443 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

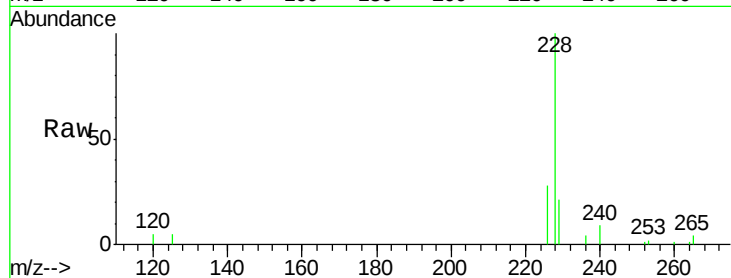
Tot Ion:228 Resp: 15688

Ion Ratio Lower Upper

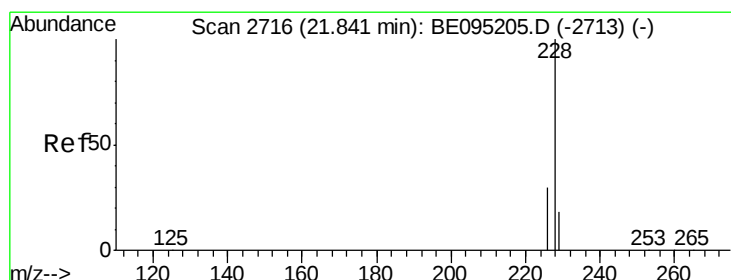
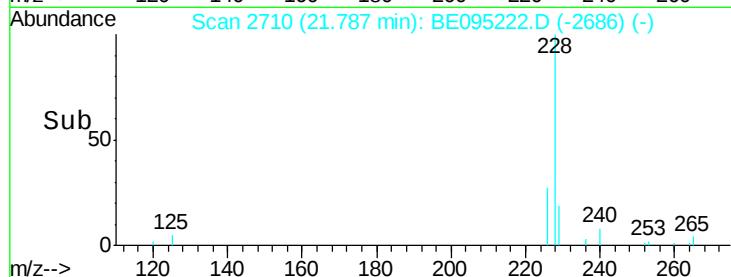
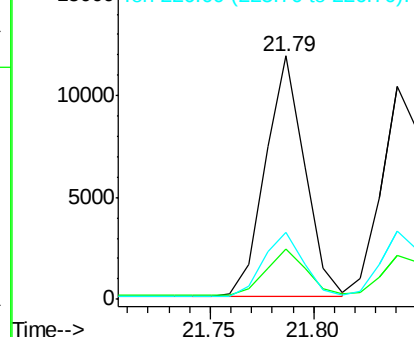
228 100

229 20.8 22.8 34.2#

226 27.5 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: 0.404 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

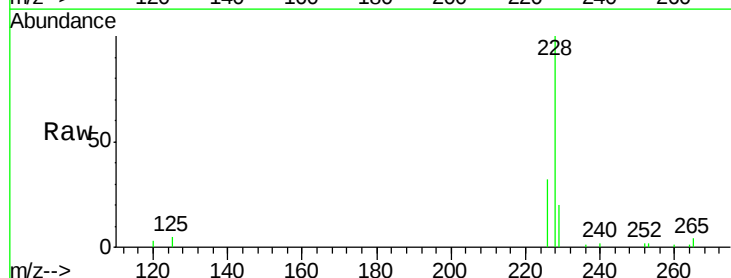
Tgt Ion:228 Resp: 14836

Ion Ratio Lower Upper

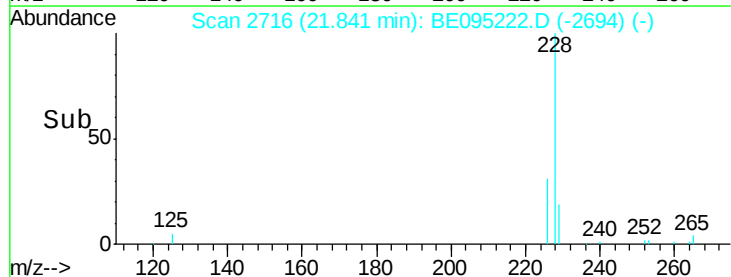
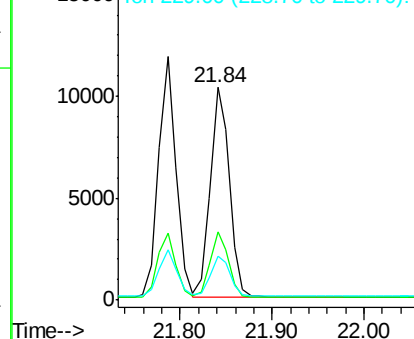
228 100

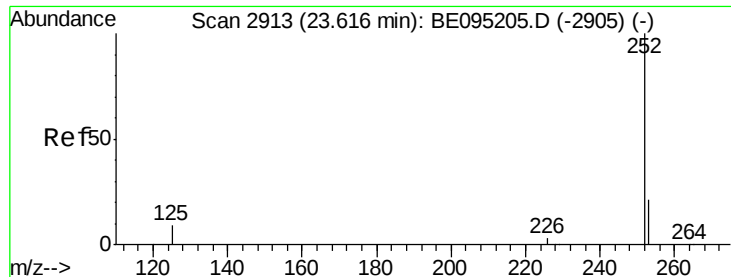
226 31.9 23.4 35.0

229 20.4 17.7 26.5



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: 0.367 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

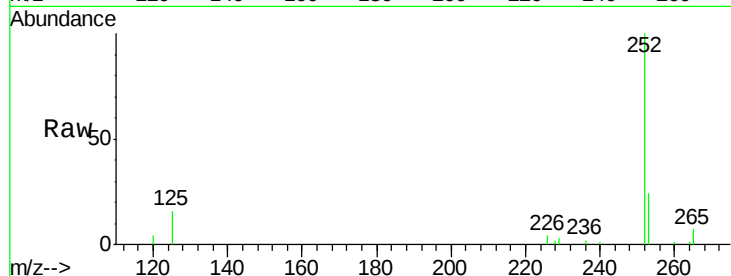
Tot Ion:252 Resp: 14202

Ion Ratio Lower Upper

252 100

253 23.7 0.0 64.2

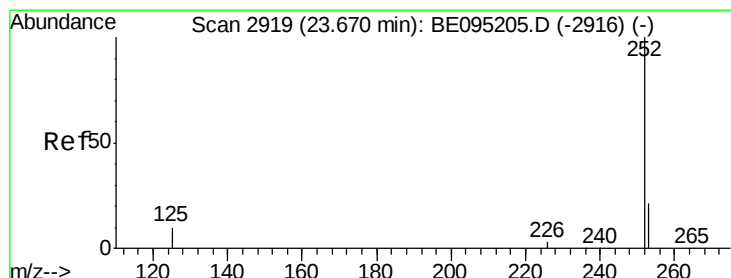
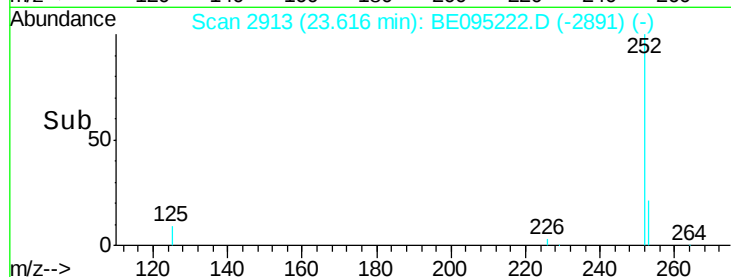
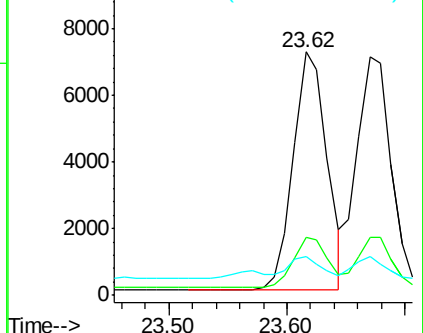
125 15.7 0.0 35.0



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: 0.402 ng/ul

RT: 23.67 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

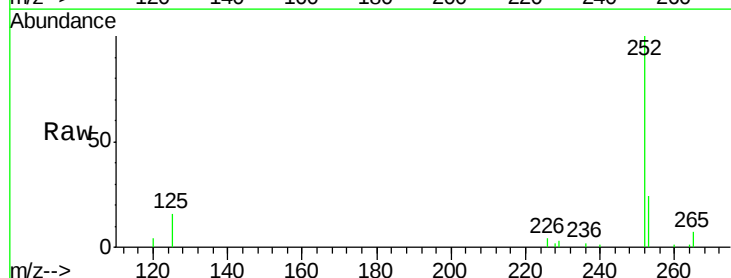
Tgt Ion:252 Resp: 14233

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

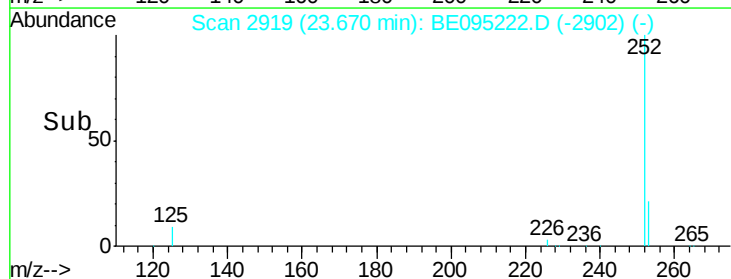
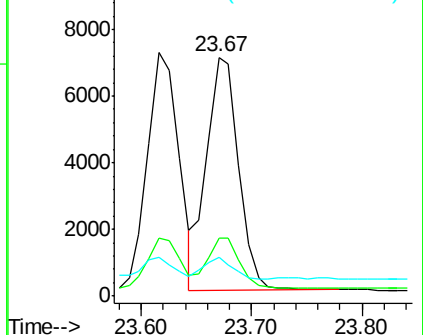
125 16.1 13.7 20.5

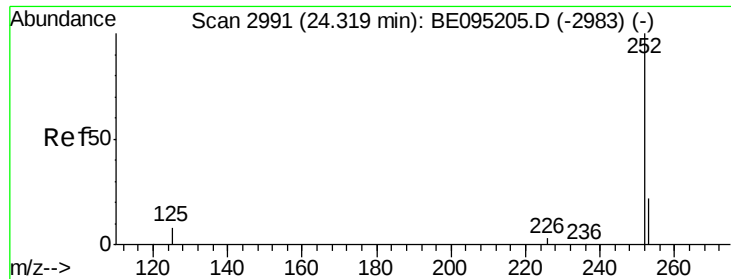


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

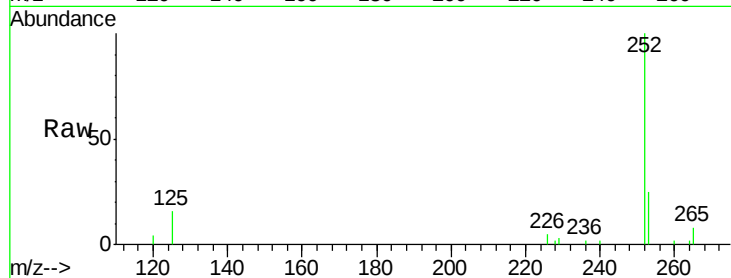
Tot Ion:252 Resp: 13880

Ion Ratio Lower Upper

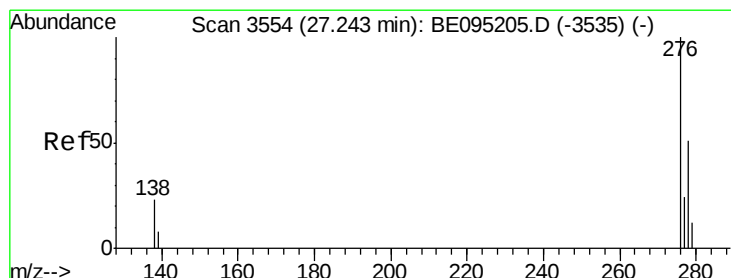
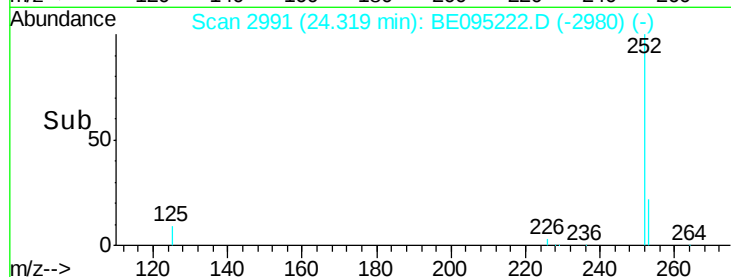
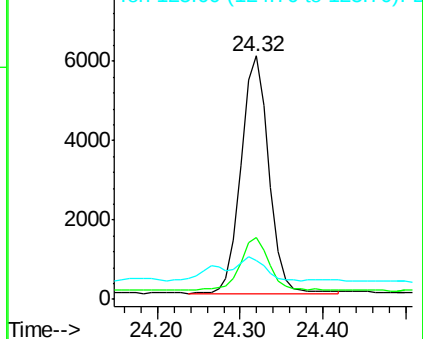
252 100

253 25.3 28.5 42.7#

125 16.2 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: 0.410 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. 0.01 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

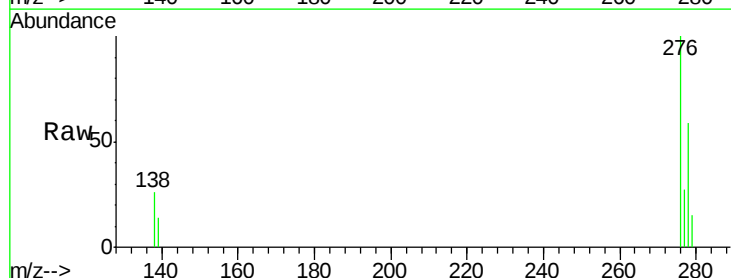
Tgt Ion:276 Resp: 15524

Ion Ratio Lower Upper

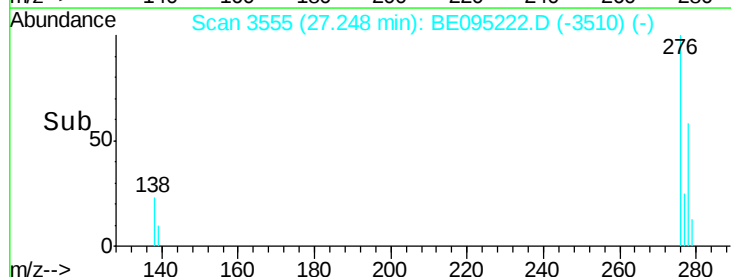
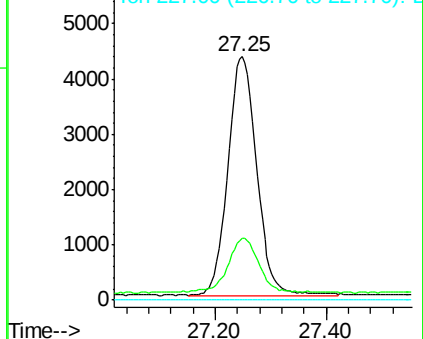
276 100

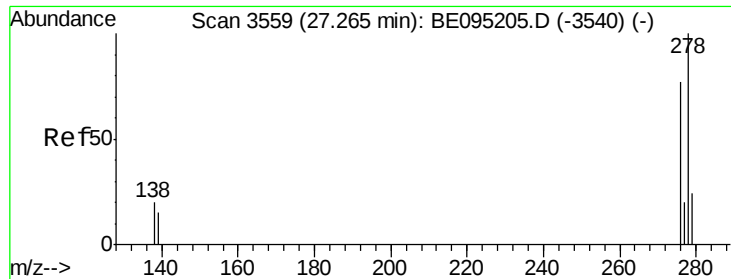
138 23.4 28.0 42.0#

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





#25

Dibenzo(a,h)anthracene

Concen: 0.410 ng/ul

RT: 27.27 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

Instrument :

BNA_E

ClientSampleId :

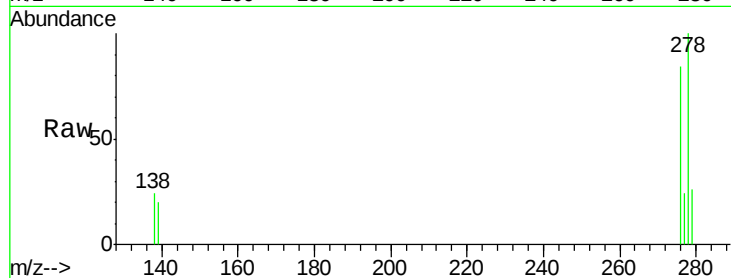
Tot Ion:278 Resp: 12707

Ion Ratio Lower Upper

278 100

139 19.8 17.4 26.0

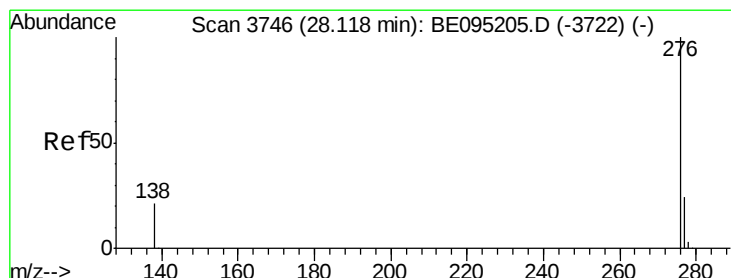
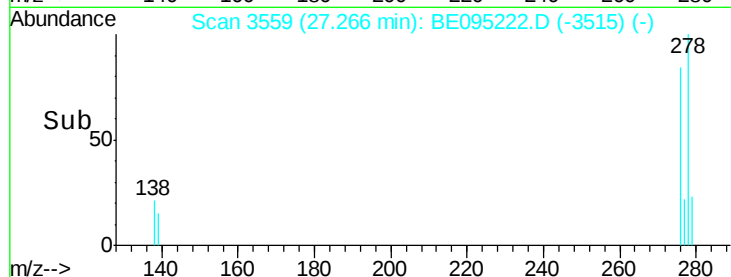
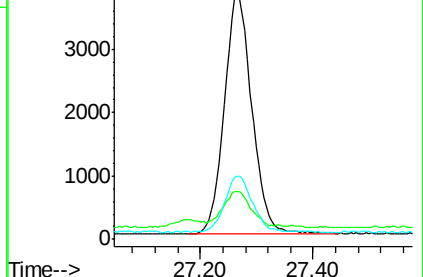
279 25.7 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.403 ng/ul

RT: 28.11 min Scan# 3745

Delta R.T. -0.00 min

Lab File: BE095222.D

Acq: 29 Jan 2018 00:16

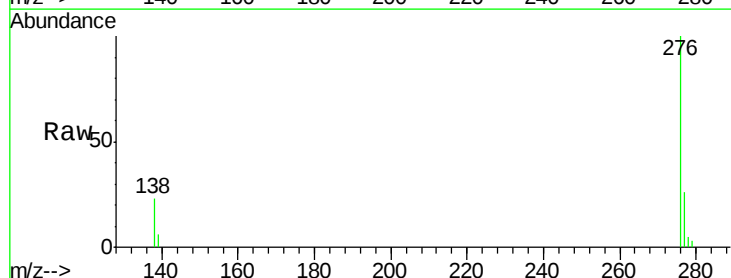
Tgt Ion:276 Resp: 12927

Ion Ratio Lower Upper

276 100

138 22.8 21.8 32.8

277 25.5 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

