

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095279.D
 Acq On : 30 Jan 2018 11:16
 Operator : SJ/JU
 Sample : J1233-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 01:24:43 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 01:22:09 2018
 Response via : Initial Calibration

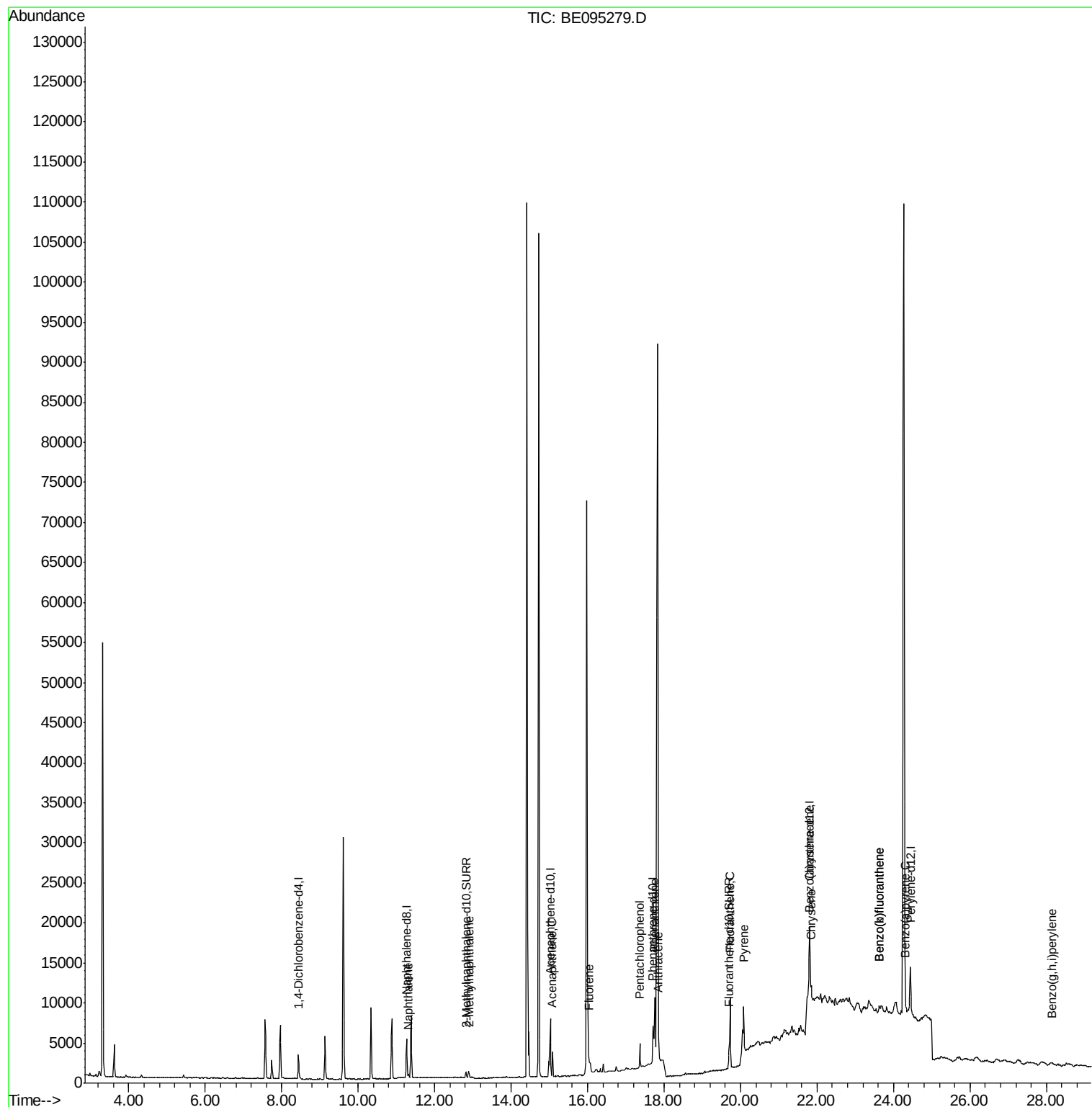
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2207	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	6720	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4237	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8602	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9492	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9253	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	916	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2313	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	753	0.040	ng/ul#	68
5) 2-Methylnaphthalene	12.89	142	673	0.054	ng/ul	99
8) Acenaphthene	15.08	153	1920	0.121	ng/ul	93
9) Fluorene	16.03	166	2211	0.136	ng/ul#	69
11) Pentachlorophenol	17.36	266	2043	1.226	ng/ul	96
12) Phenanthrene	17.75	178	9755	0.337	ng/ul#	89
13) Anthracene	17.85	178	2494	0.094	ng/ul#	84
15) Fluoranthene	19.73	202	10313	0.275	ng/ul	85
17) Pyrene	20.08	202	7024	0.221	ng/ul#	82
18) Benzo(a)anthracene	21.79	228	1536	0.052	ng/ul#	8
19) Chrysene	21.85	228	1332	0.043	ng/ul#	1
21) Benzo(b)fluoranthene	23.62	252	1927	0.059	ng/ul#	1
22) Benzo(k)fluoranthene	23.62	252	1770	0.059	ng/ul#	1
23) Benzo(a)pyrene	24.33	252	824	0.028	ng/ul#	1
26) Benzo(g,h,i)perylene	28.13	276	572	0.021	ng/ul#	1

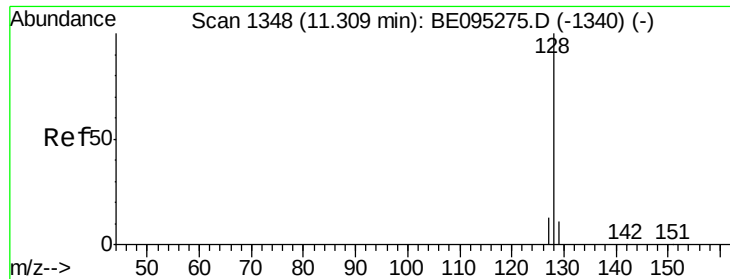
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 31 01:22:09 2018
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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

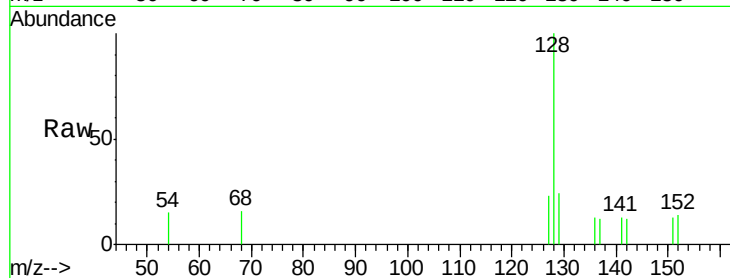
Tot Ion:128 Resp: 753

Ion Ratio Lower Upper

128 100

129 23.9 11.3 16.9#

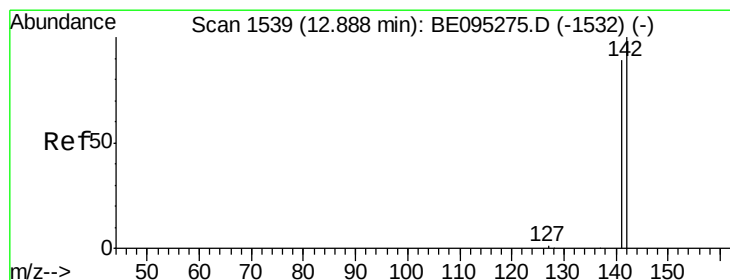
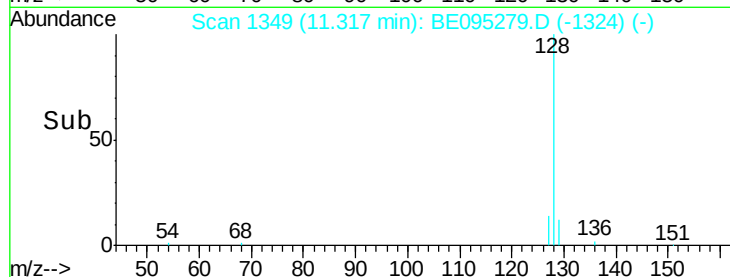
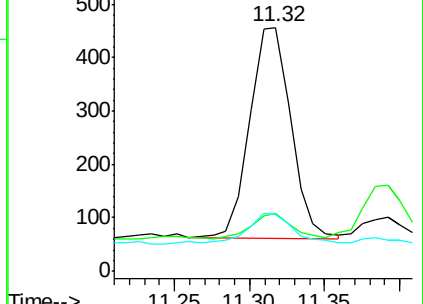
127 23.0 4.0 6.0#



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: 0.054 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095279.D

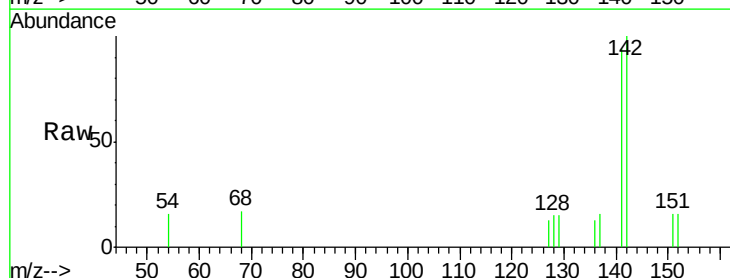
Acq: 30 Jan 2018 11:16

Tgt Ion:142 Resp: 673

Ion Ratio Lower Upper

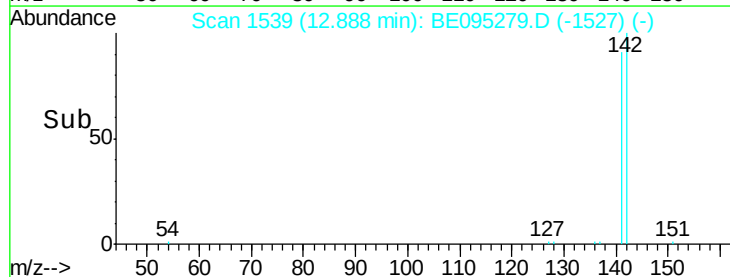
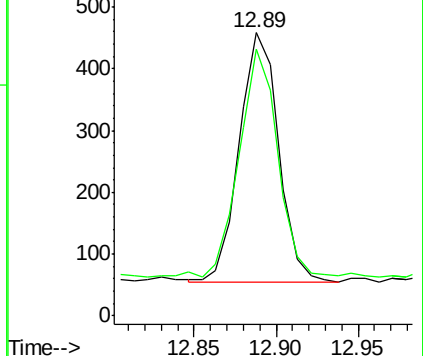
142 100

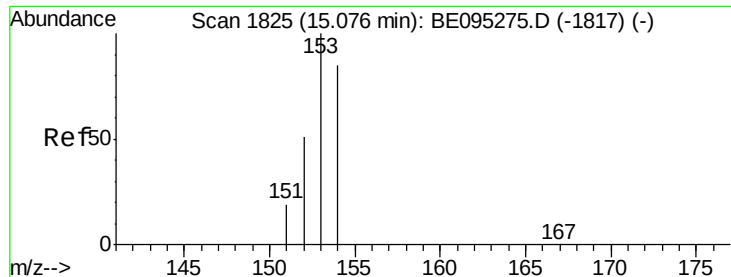
141 91.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.121 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

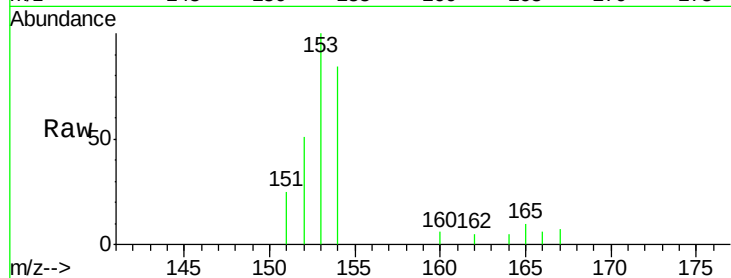
Tot Ion:153 Resp: 1920

Ion Ratio Lower Upper

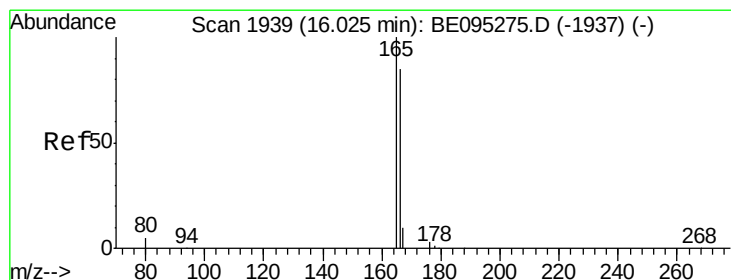
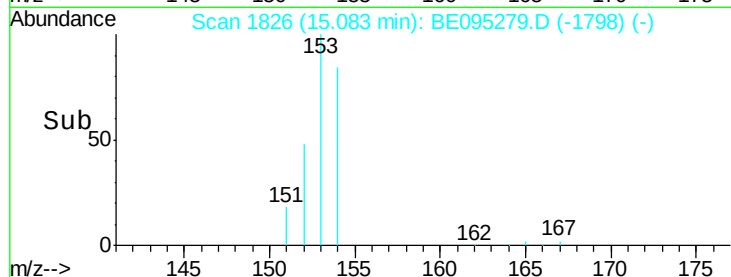
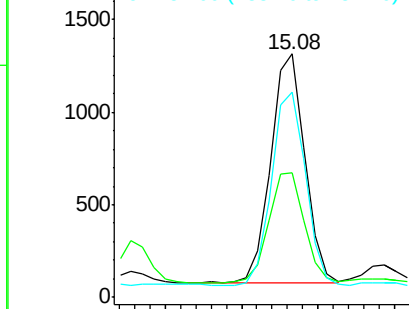
153 100

152 51.4 36.0 54.0

154 84.4 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: 0.136 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

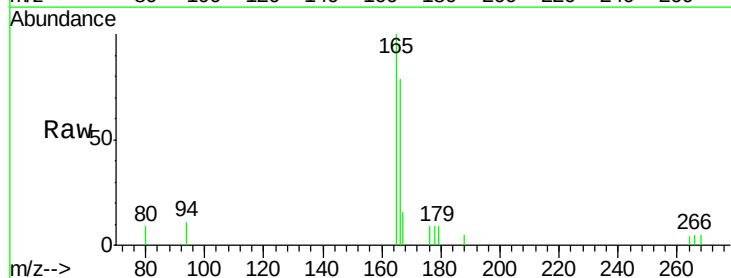
Tgt Ion:166 Resp: 2211

Ion Ratio Lower Upper

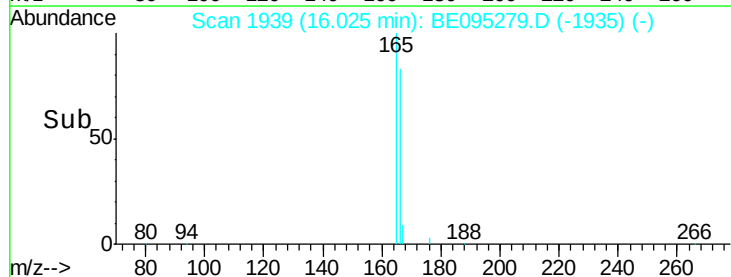
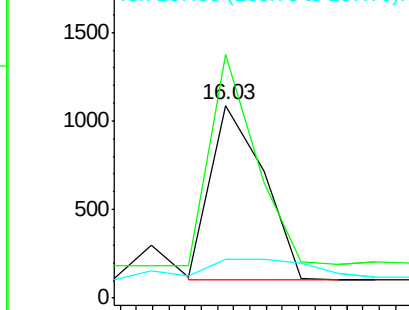
166 100

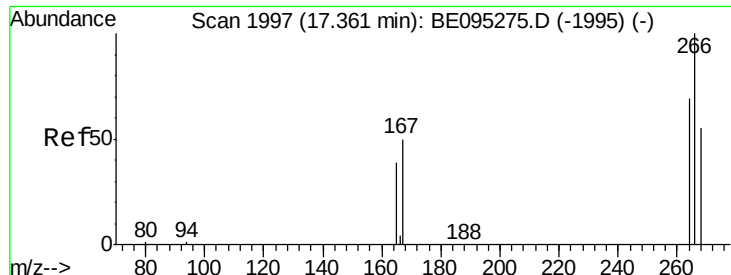
165 126.2 73.4 110.2#

167 20.4 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

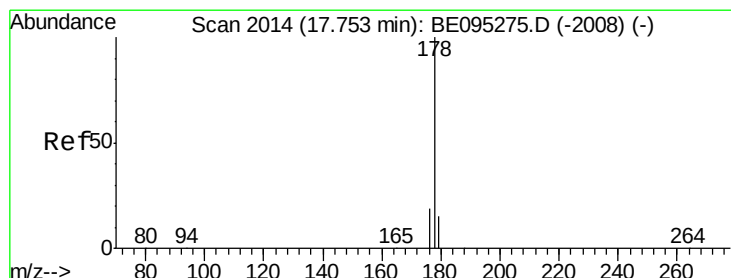
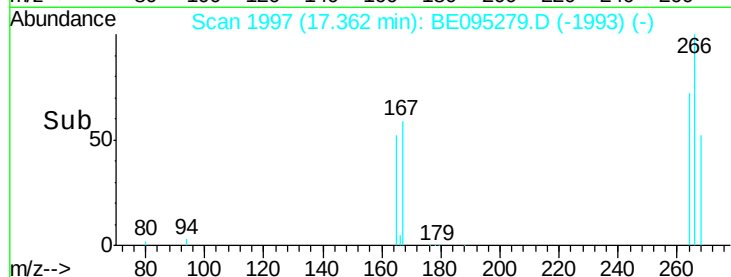
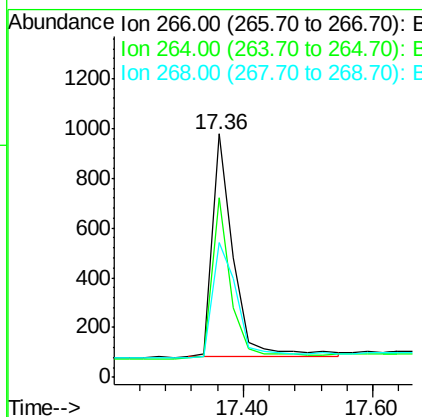
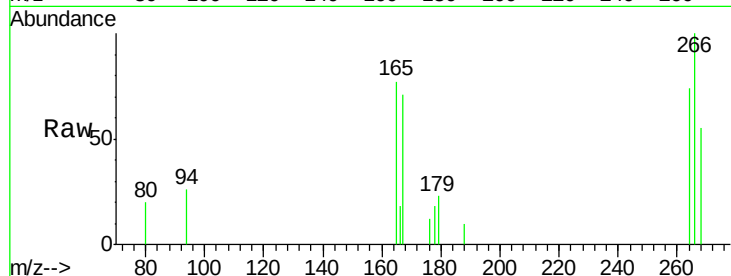




#11
 Pentachlorophenol
 Concen: 1.226 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095279.D
 Acq: 30 Jan 2018 11:16

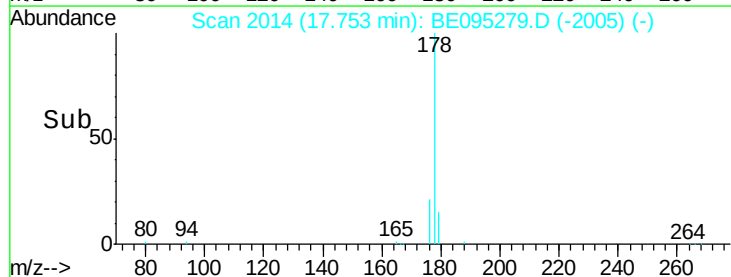
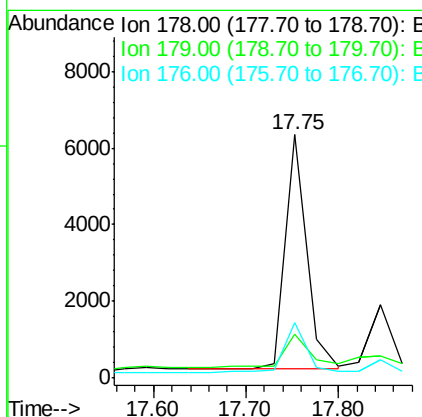
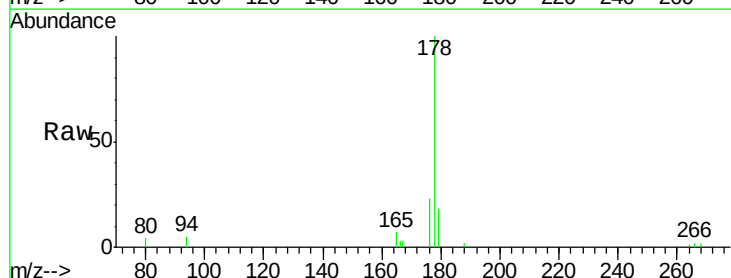
Instrument :
 BNA_E
 ClientSampleId :

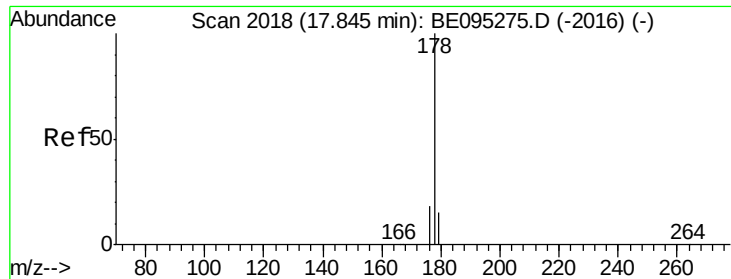
Tot Ion:266 Resp: 2043
 Ion Ratio Lower Upper
 266 100
 264 66.2 47.9 71.9
 268 62.9 49.8 74.8



#12
 Phenanthrene
 Concen: 0.337 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095279.D
 Acq: 30 Jan 2018 11:16

Tgt Ion:178 Resp: 9755
 Ion Ratio Lower Upper
 178 100
 179 18.2 18.4 27.6#
 176 22.7 13.6 20.4#





#13

Anthracene

Concen: 0.094 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

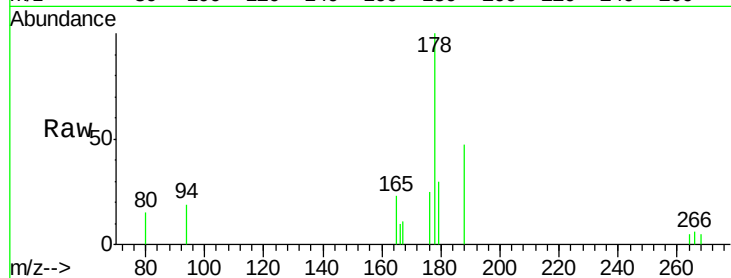
Tot Ion:178 Resp: 2494

Ion Ratio Lower Upper

178 100

179 30.2 18.1 27.1#

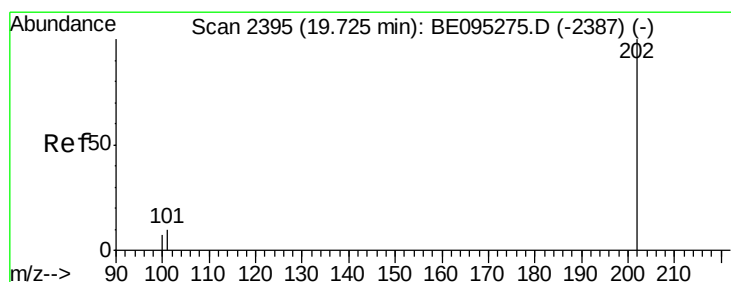
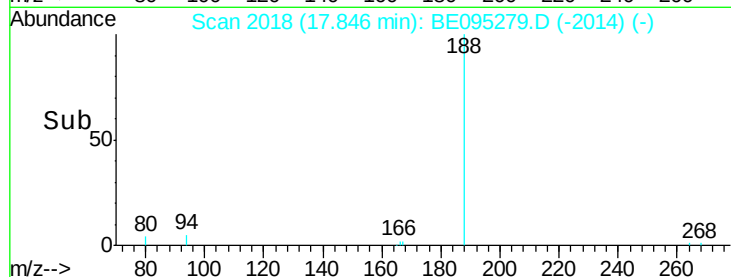
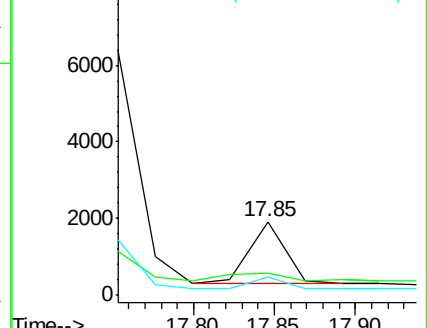
176 25.3 14.7 22.1#



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: 0.275 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

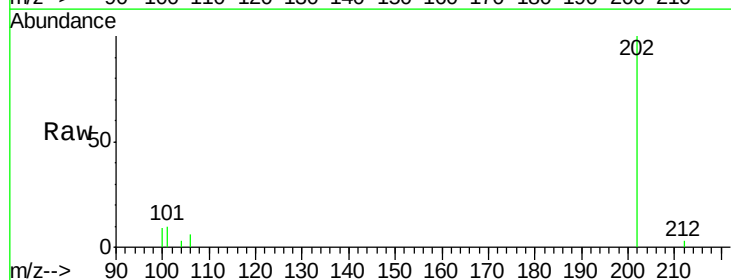
Tgt Ion:202 Resp: 10313

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.3

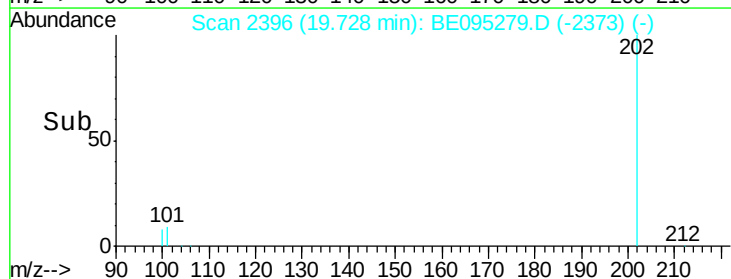
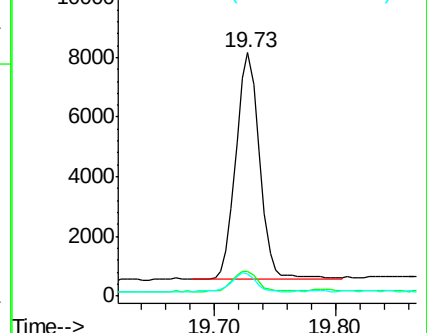
100 9.3 0.0 39.5

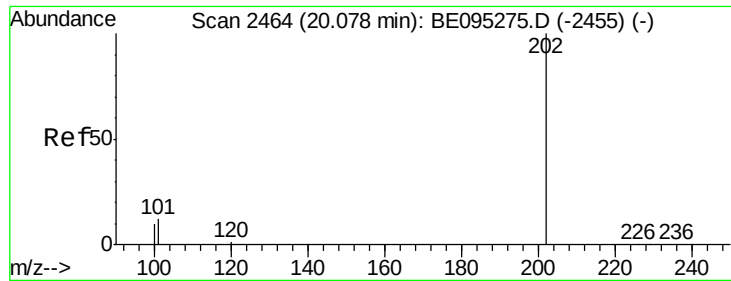


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.221 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

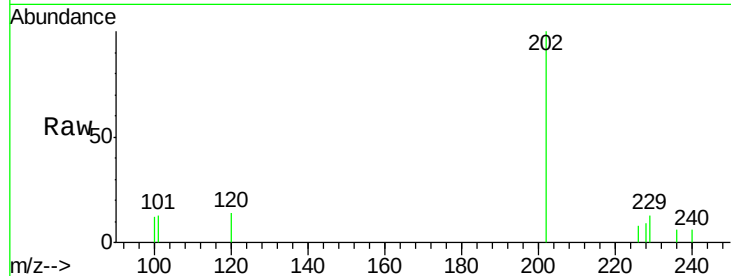
Tot Ion:202 Resp: 7024

Ion Ratio Lower Upper

202 100

101 13.3 18.2 27.4#

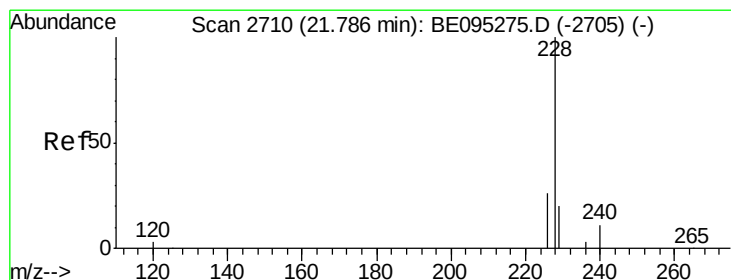
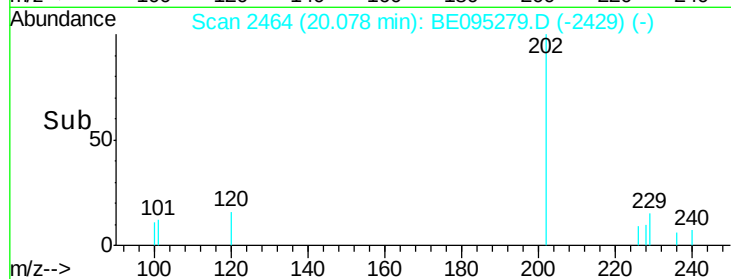
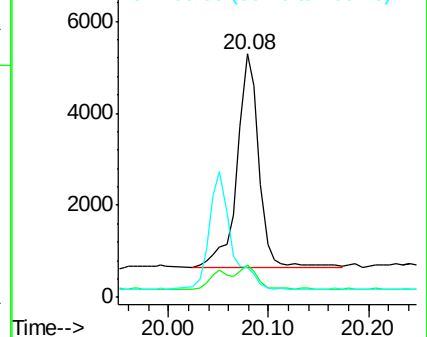
100 12.4 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.052 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

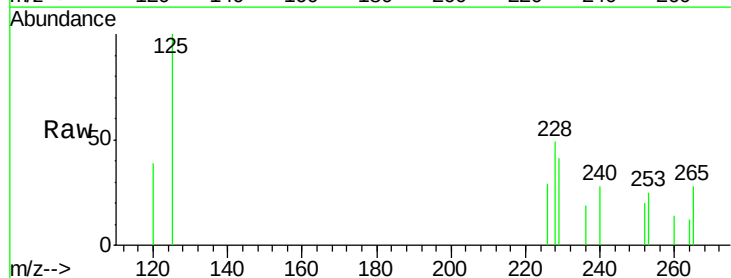
Tgt Ion:228 Resp: 1536

Ion Ratio Lower Upper

228 100

229 82.8 22.8 34.2#

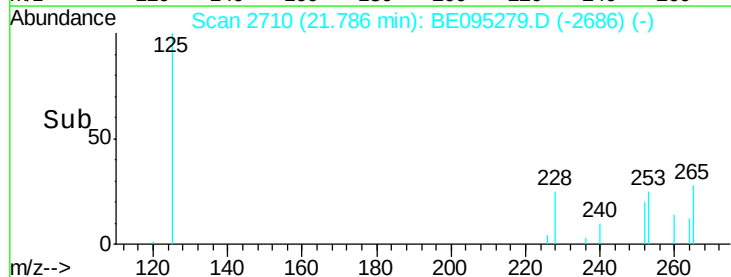
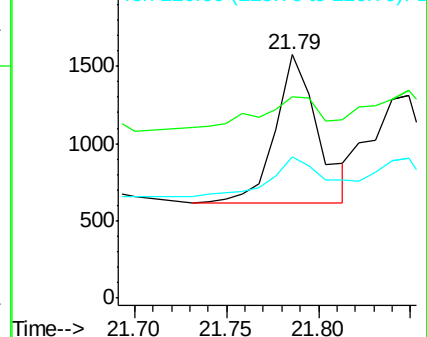
226 58.2 17.0 25.6#

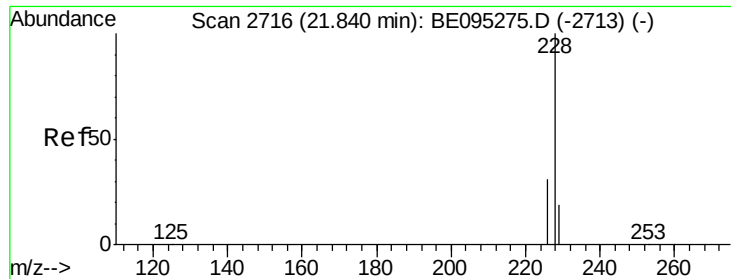


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.043 ng/ul

RT: 21.85 min Scan# 2717

Delta R.T. 0.01 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

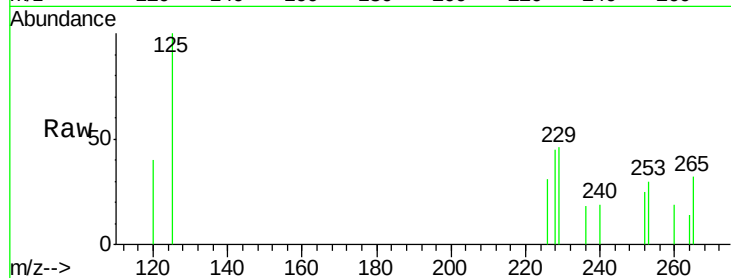
Tot Ion:228 Resp: 1332

Ion Ratio Lower Upper

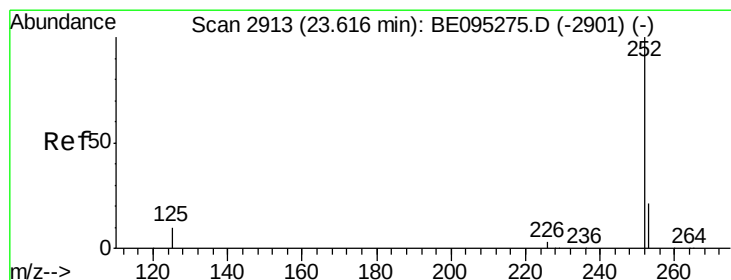
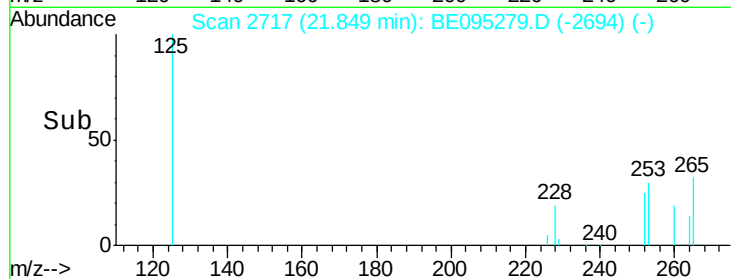
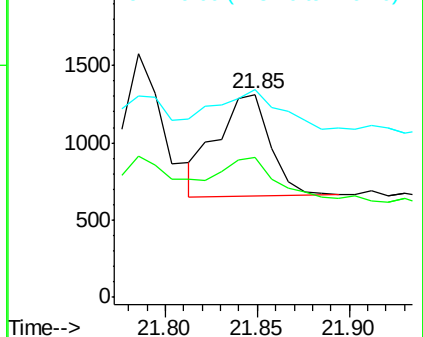
228 100

226 68.9 23.4 35.0#

229 102.3 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: 0.059 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

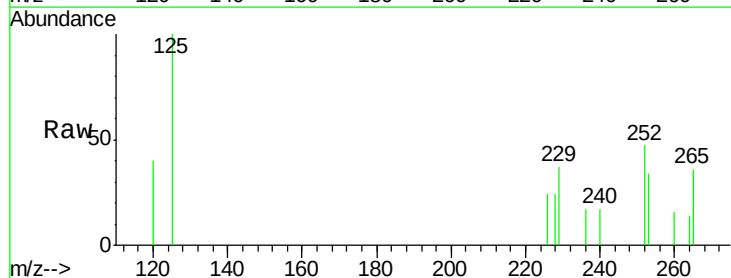
Tgt Ion:252 Resp: 1927

Ion Ratio Lower Upper

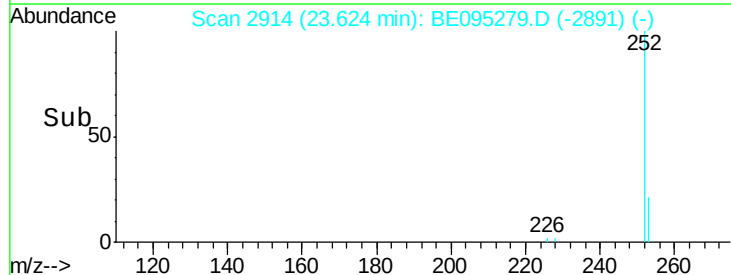
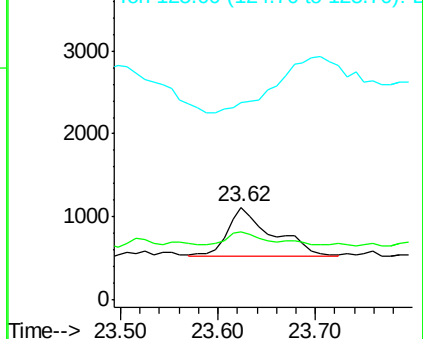
252 100

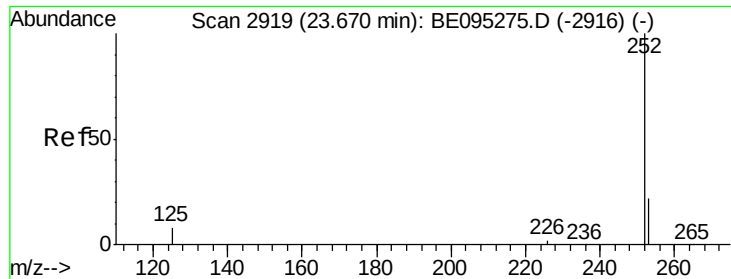
253 72.6 0.0 64.2#

125 211.7 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: 0.059 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

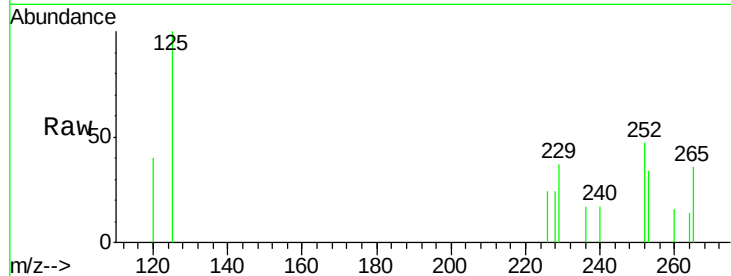
Tot Ion:252 Resp: 1770

Ion Ratio Lower Upper

252 100

253 72.6 24.5 36.7#

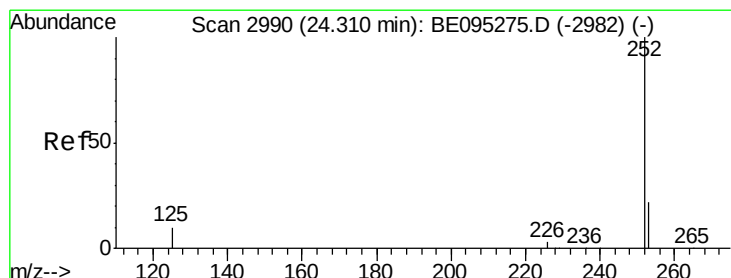
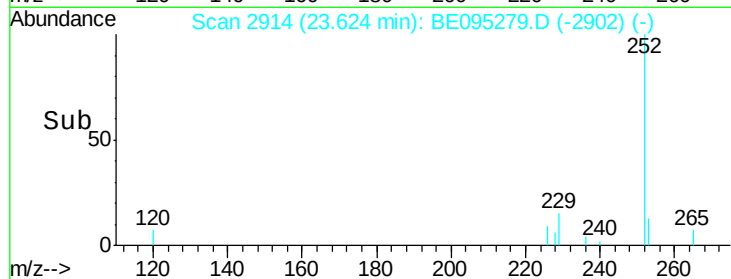
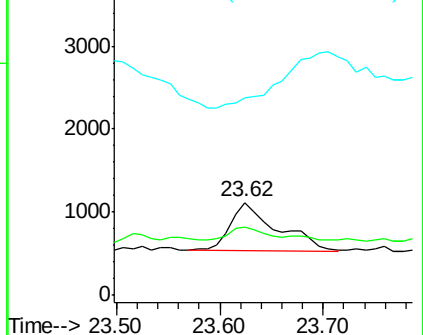
125 211.7 13.7 20.5#



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: 0.028 ng/ul

RT: 24.33 min Scan# 2992

Delta R.T. 0.02 min

Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

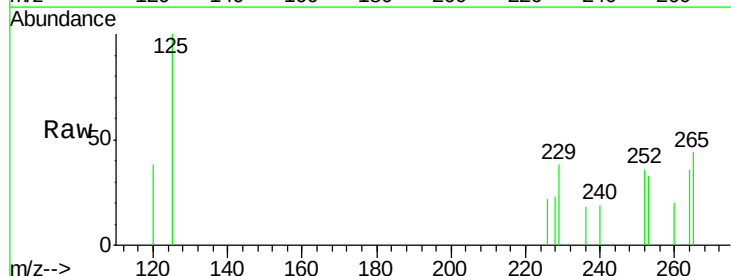
Tgt Ion:252 Resp: 824

Ion Ratio Lower Upper

252 100

253 92.7 28.5 42.7#

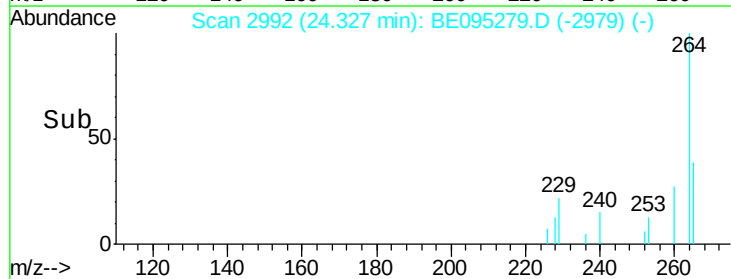
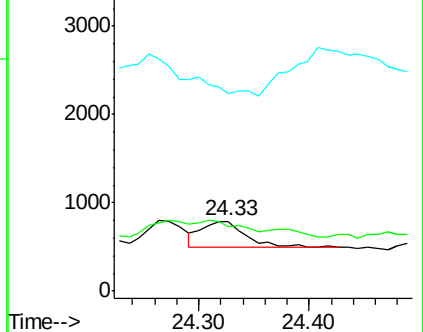
125 281.5 18.1 27.1#

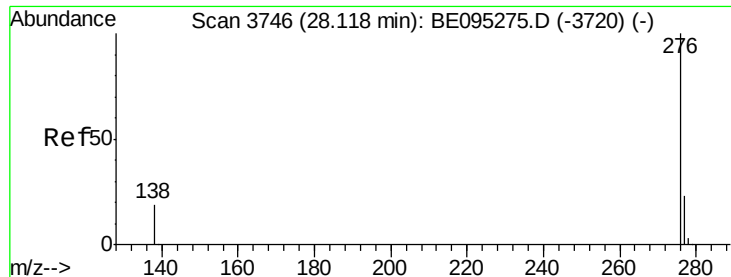


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.021 ng/ul

RT: 28.13 min Scan# 3749

Delta R.T. 0.01 min

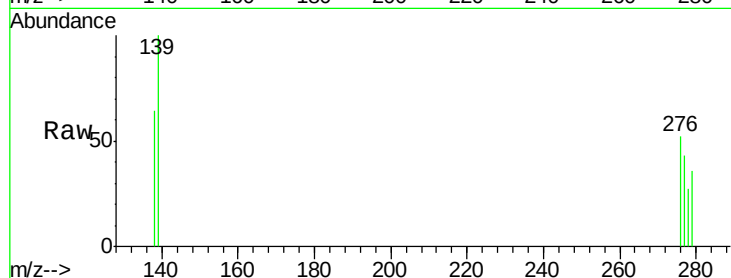
Lab File: BE095279.D

Acq: 30 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 572

Ion Ratio Lower Upper

276 100

138 124.7 21.8 32.8#

277 84.0 20.5 30.7#

