

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095295.D
 Acq On : 31 Jan 2018 1:54
 Operator : SJ/JU
 Sample : J1221-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 03:44:12 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

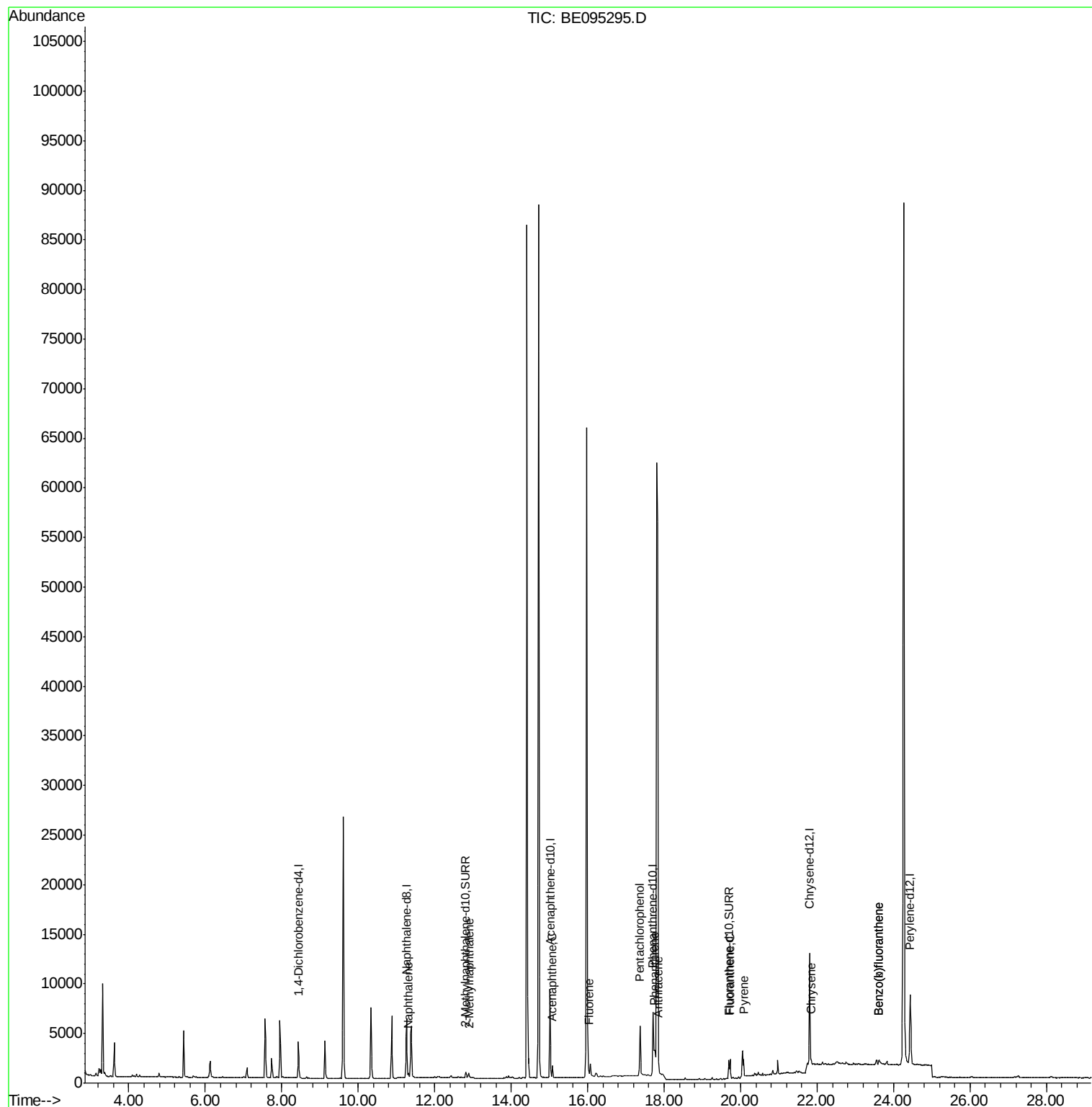
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2538	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7937	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4787	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10098	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10740	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10742	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	742	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2012	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	541	0.024	ng/ul#	71
5) 2-Methylnaphthalene	12.89	142	372	0.025	ng/ul	98
8) Acenaphthene	15.08	153	680	0.038	ng/ul	91
9) Fluorene	16.03	166	505	0.027	ng/ul#	76
11) Pentachlorophenol	17.36	266	3255	1.664	ng/ul	96
12) Phenanthrene	17.75	178	2931	0.086	ng/ul#	90
13) Anthracene	17.85	178	838	0.027	ng/ul#	90
15) Fluoranthene	19.72	202	2261	0.051	ng/ul	86
17) Pyrene	20.08	202	2129	0.059	ng/ul#	87
19) Chrysene	21.84	228	709	0.020	ng/ul#	55
21) Benzo(b)fluoranthene	23.62	252	1196	0.032	ng/ul#	30
22) Benzo(k)fluoranthene	23.62	252	1176	0.034	ng/ul#	27

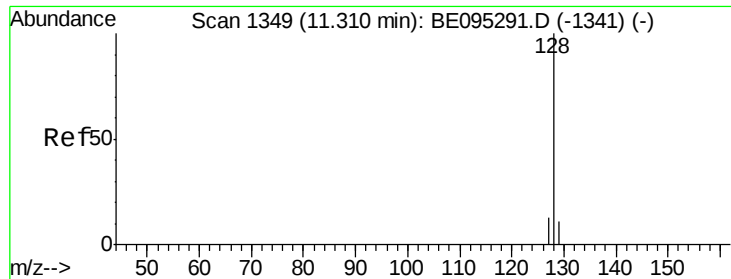
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

Instrument :

BNA_E

ClientSampleId :

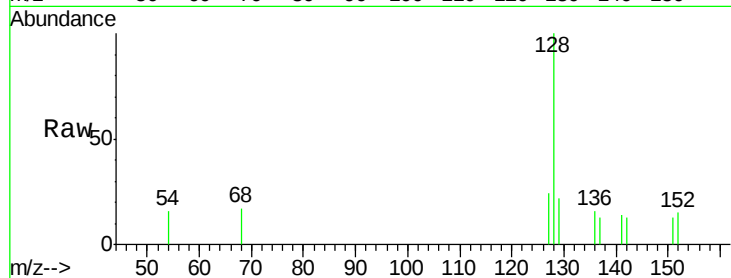
Tot Ion:128 Resp: 541

Ion Ratio Lower Upper

128 100

129 22.1 11.3 16.9#

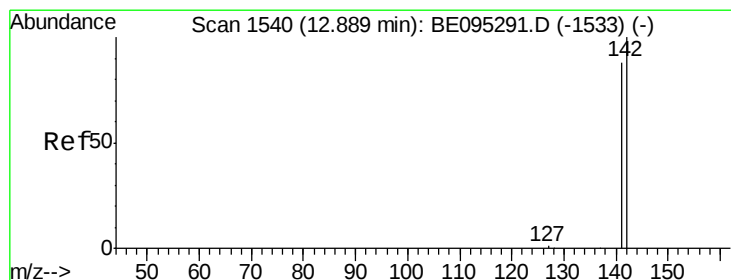
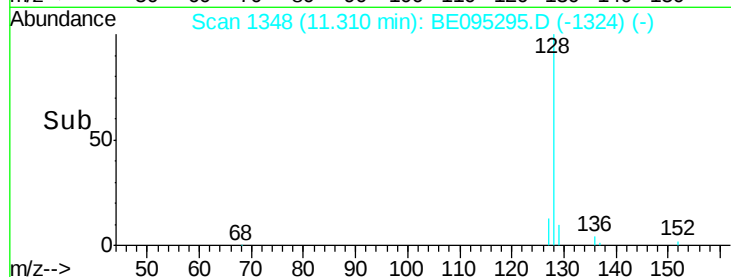
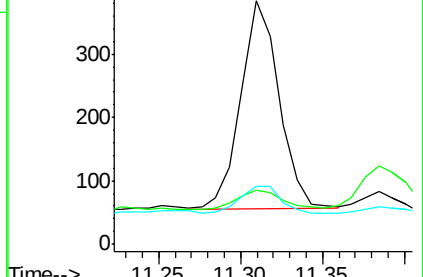
127 23.7 4.0 6.0#



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: 0.025 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095295.D

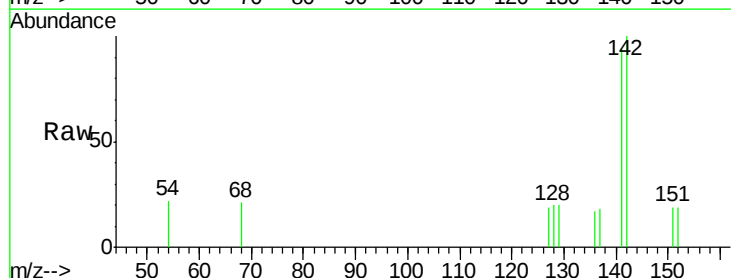
Acq: 31 Jan 2018 1:54

Tgt Ion:142 Resp: 372

Ion Ratio Lower Upper

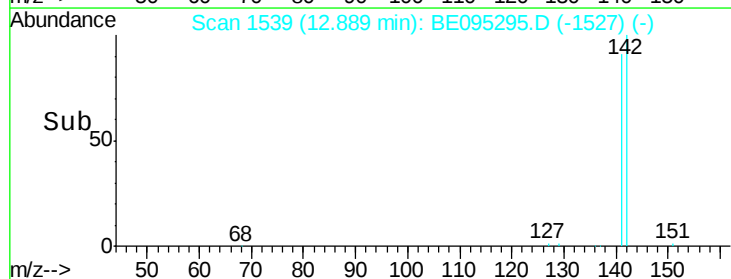
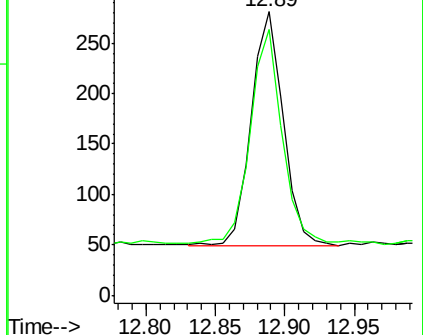
142 100

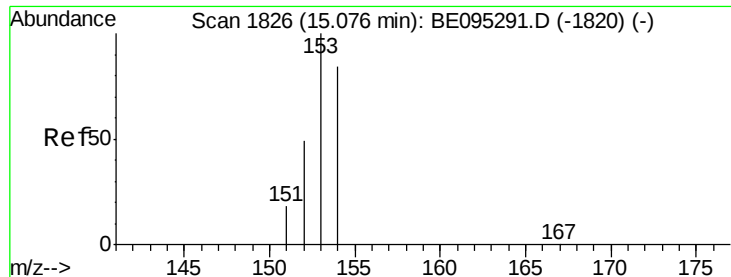
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.038 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

Instrument :

BNA_E

ClientSampleId :

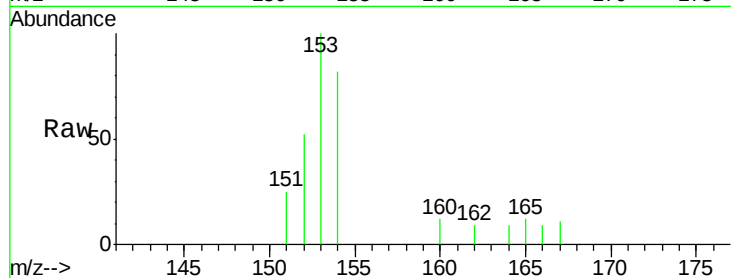
Tot Ion:153 Resp: 680

Ion Ratio Lower Upper

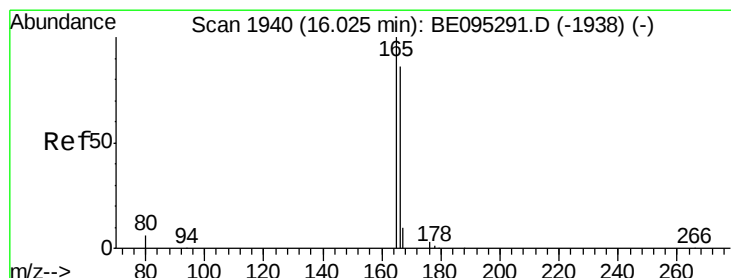
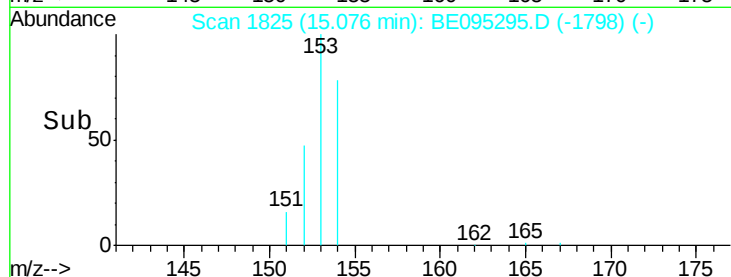
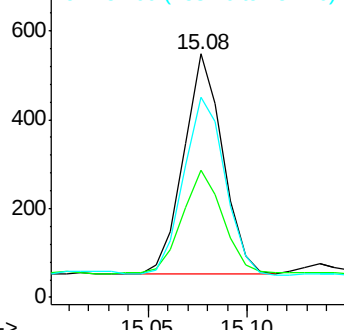
153 100

152 52.4 36.0 54.0

154 82.1 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: 0.027 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

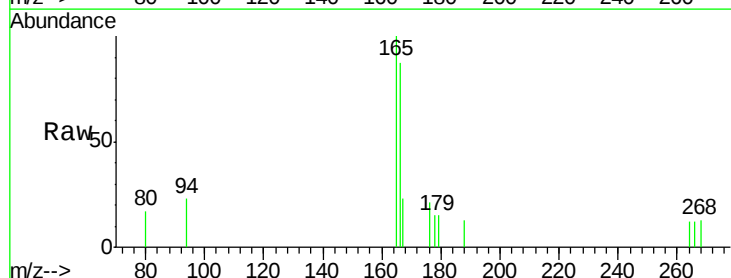
Tgt Ion:166 Resp: 505

Ion Ratio Lower Upper

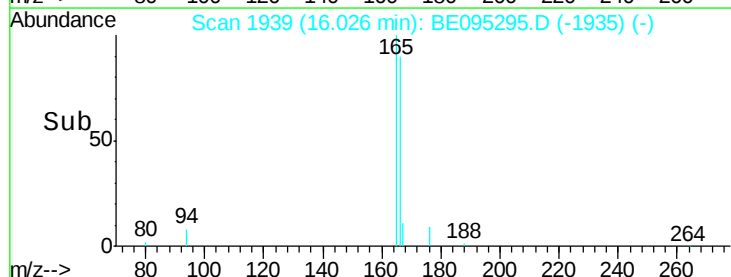
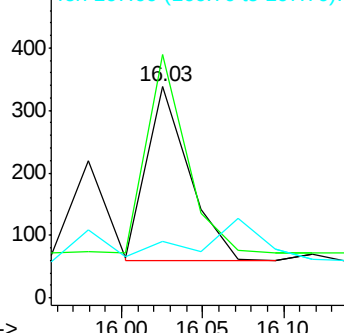
166 100

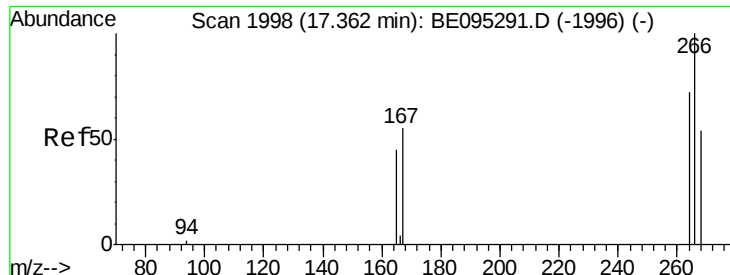
165 115.1 73.4 110.2#

167 26.9 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

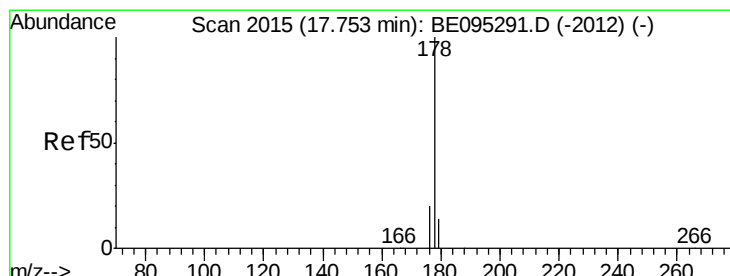
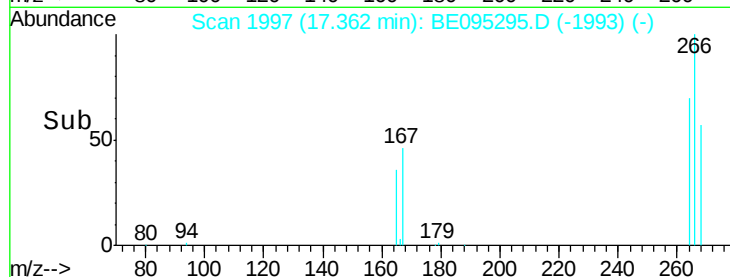
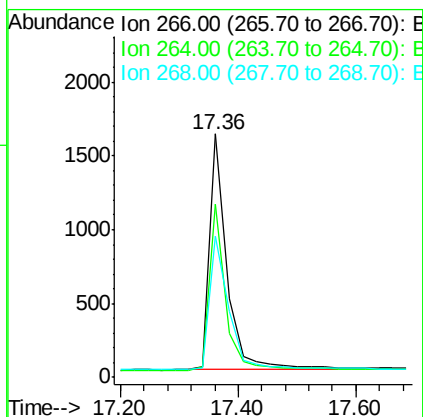
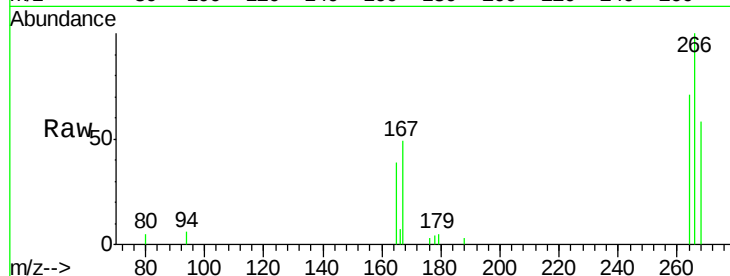




#11
 Pentachlorophenol
 Concen: 1.664 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095295.D
 Acq: 31 Jan 2018 1:54

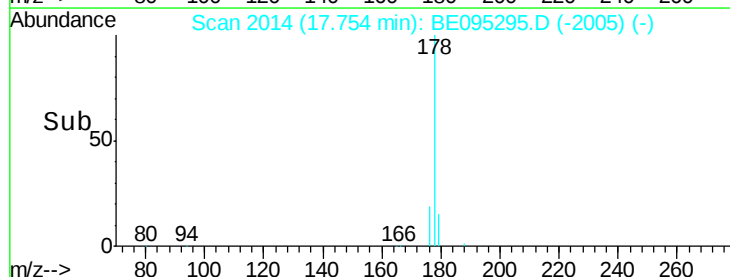
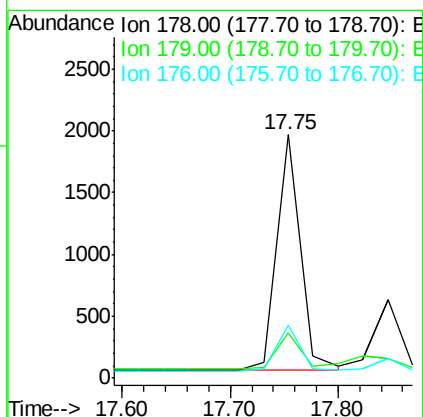
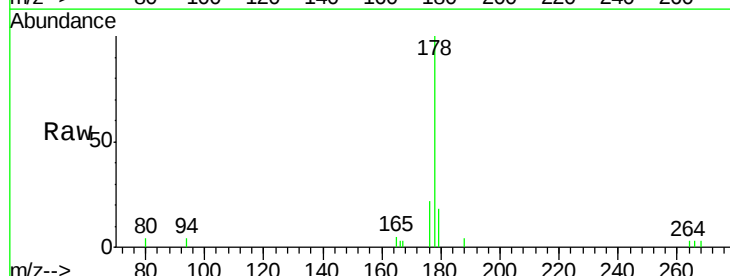
Instrument :
 BNA_E
 ClientSampleId :

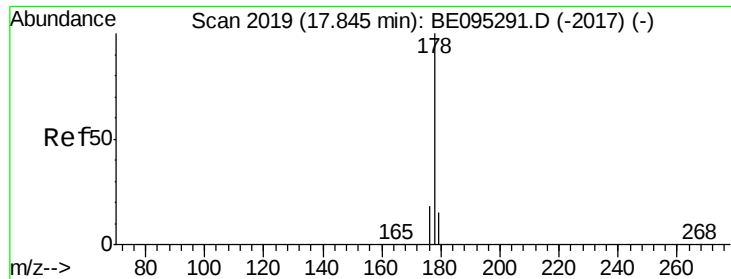
Tot Ion:266 Resp: 3255
 Ion Ratio Lower Upper
 266 100
 264 65.8 47.9 71.9
 268 62.3 49.8 74.8



#12
 Phenanthrene
 Concen: 0.086 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095295.D
 Acq: 31 Jan 2018 1:54

Tgt Ion:178 Resp: 2931
 Ion Ratio Lower Upper
 178 100
 179 18.3 18.4 27.6#
 176 21.6 13.6 20.4#





#13

Anthracene

Concen: 0.027 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

Instrument :

BNA_E

ClientSampleId :

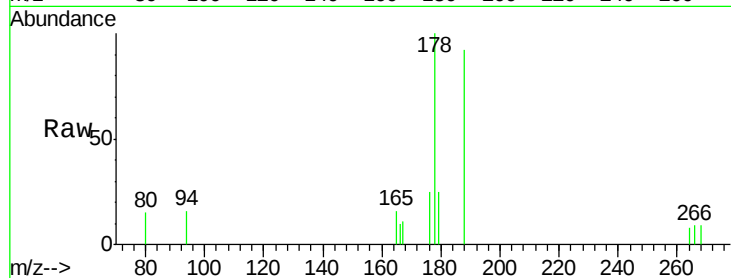
Tot Ion:178 Resp: 838

Ion Ratio Lower Upper

178 100

179 25.4 18.1 27.1

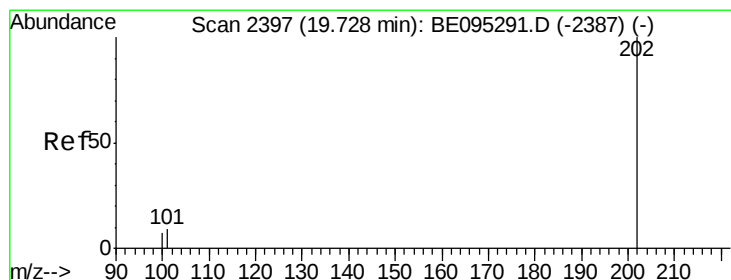
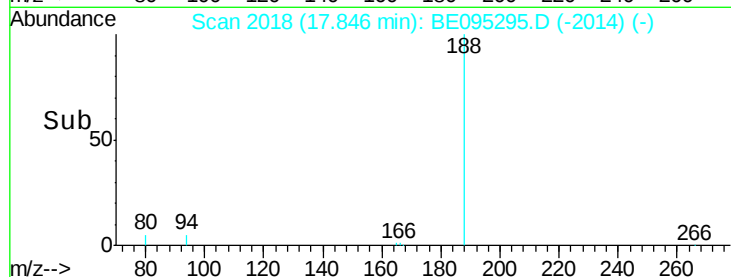
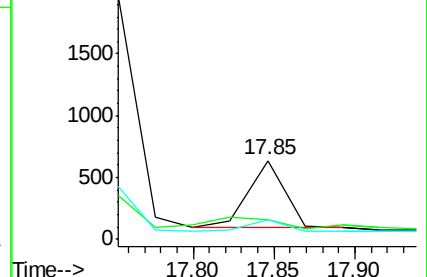
176 25.4 14.7 22.1#



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: 0.051 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

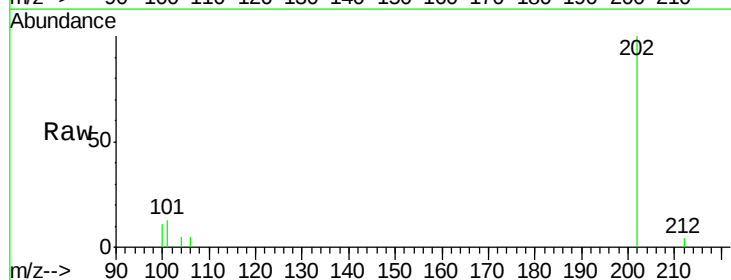
Tgt Ion:202 Resp: 2261

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.3

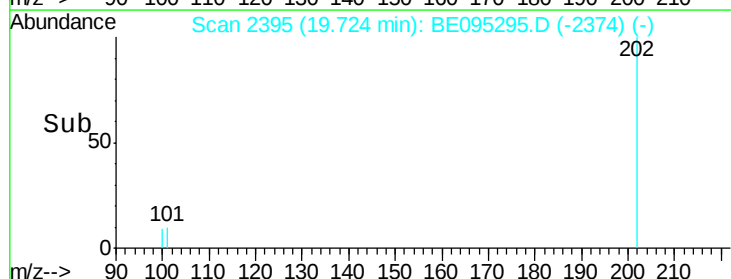
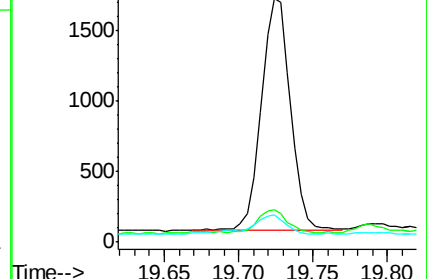
100 11.4 0.0 39.5

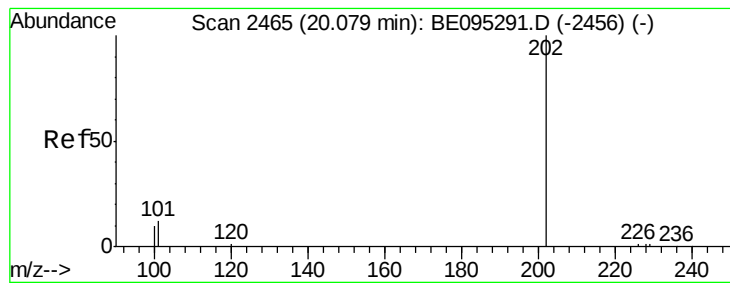


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.059 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

Instrument :

BNA_E

ClientSampleId :

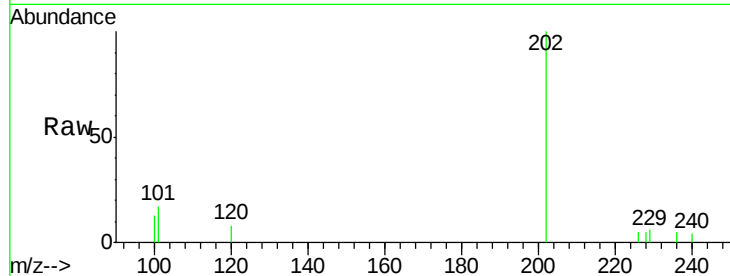
Tot Ion:202 Resp: 2129

Ion Ratio Lower Upper

202 100

101 16.7 18.2 27.4#

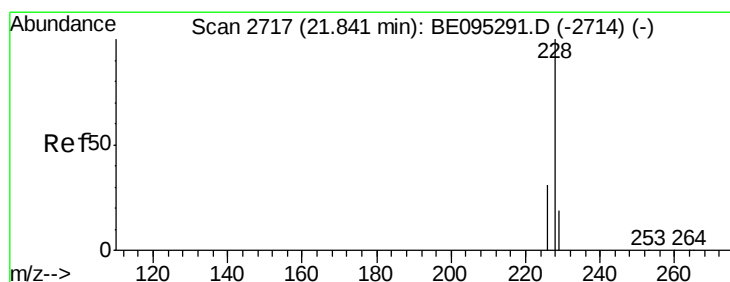
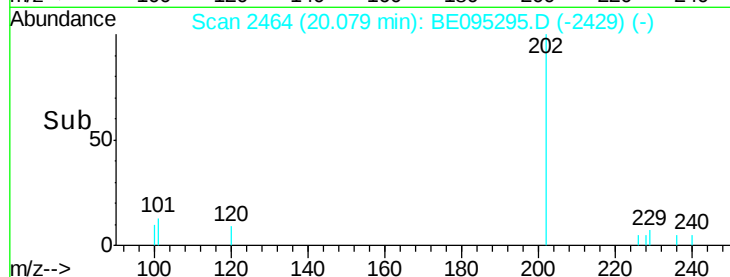
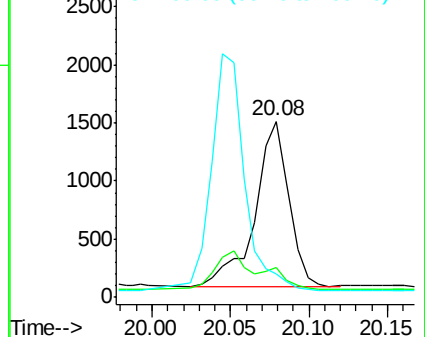
100 13.1 15.6 23.4#



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



#19

Chrysene

Concen: 0.020 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

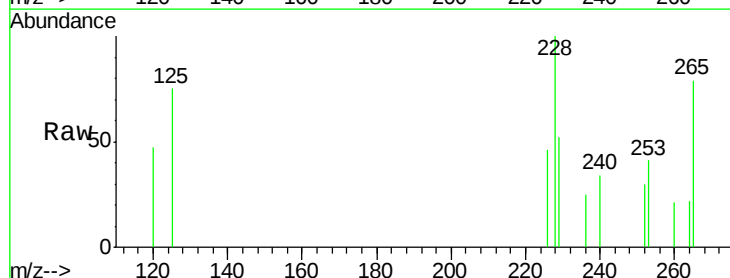
Tgt Ion:228 Resp: 709

Ion Ratio Lower Upper

228 100

226 45.6 23.4 35.0#

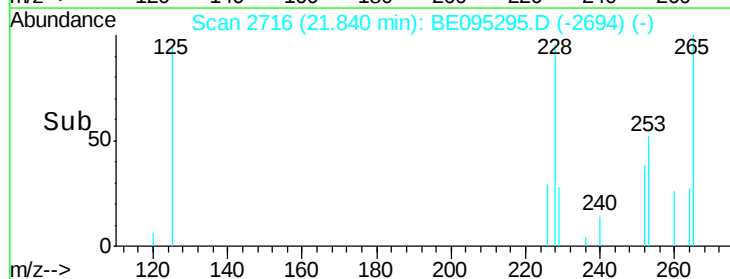
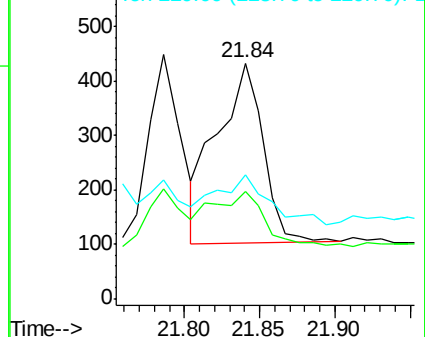
229 52.3 17.7 26.5#

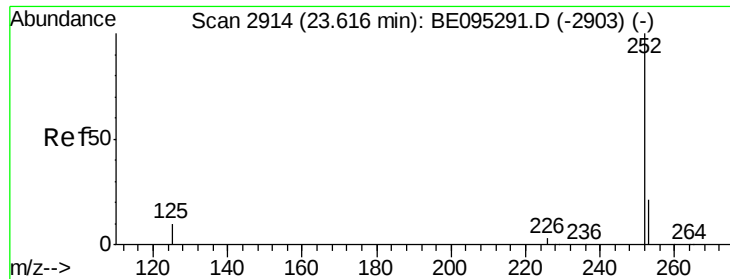


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.032 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

Instrument :

BNA_E

ClientSampleId :

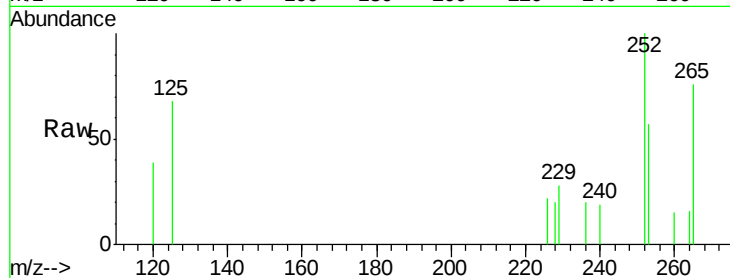
Tot Ion:252 Resp: 1196

Ion Ratio Lower Upper

252 100

253 57.5 0.0 64.2

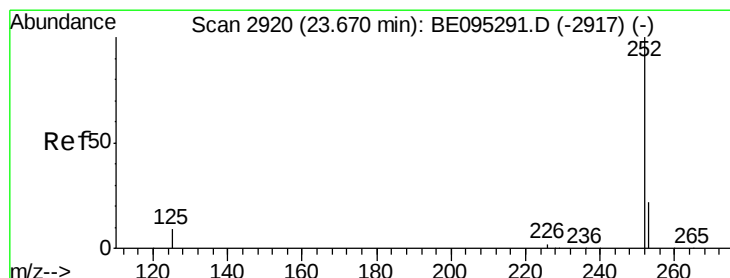
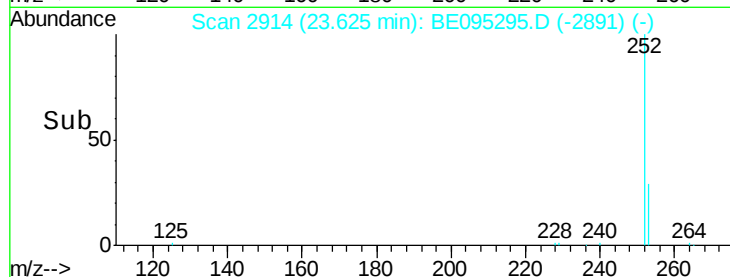
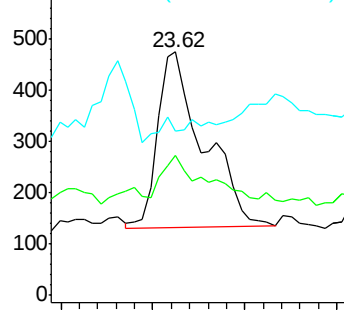
125 67.6 0.0 35.0#



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: 0.034 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095295.D

Acq: 31 Jan 2018 1:54

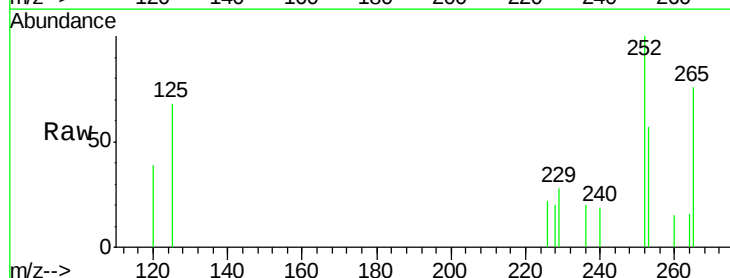
Tgt Ion:252 Resp: 1176

Ion Ratio Lower Upper

252 100

253 57.5 24.5 36.7#

125 67.6 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

