

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121817\
 Data File : BE095024.D
 Acq On : 18 Dec 2017 23:37
 Operator : SJ/JU
 Sample : I6900-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 19 04:22:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE121817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:08:16 2017
 Response via : Initial Calibration

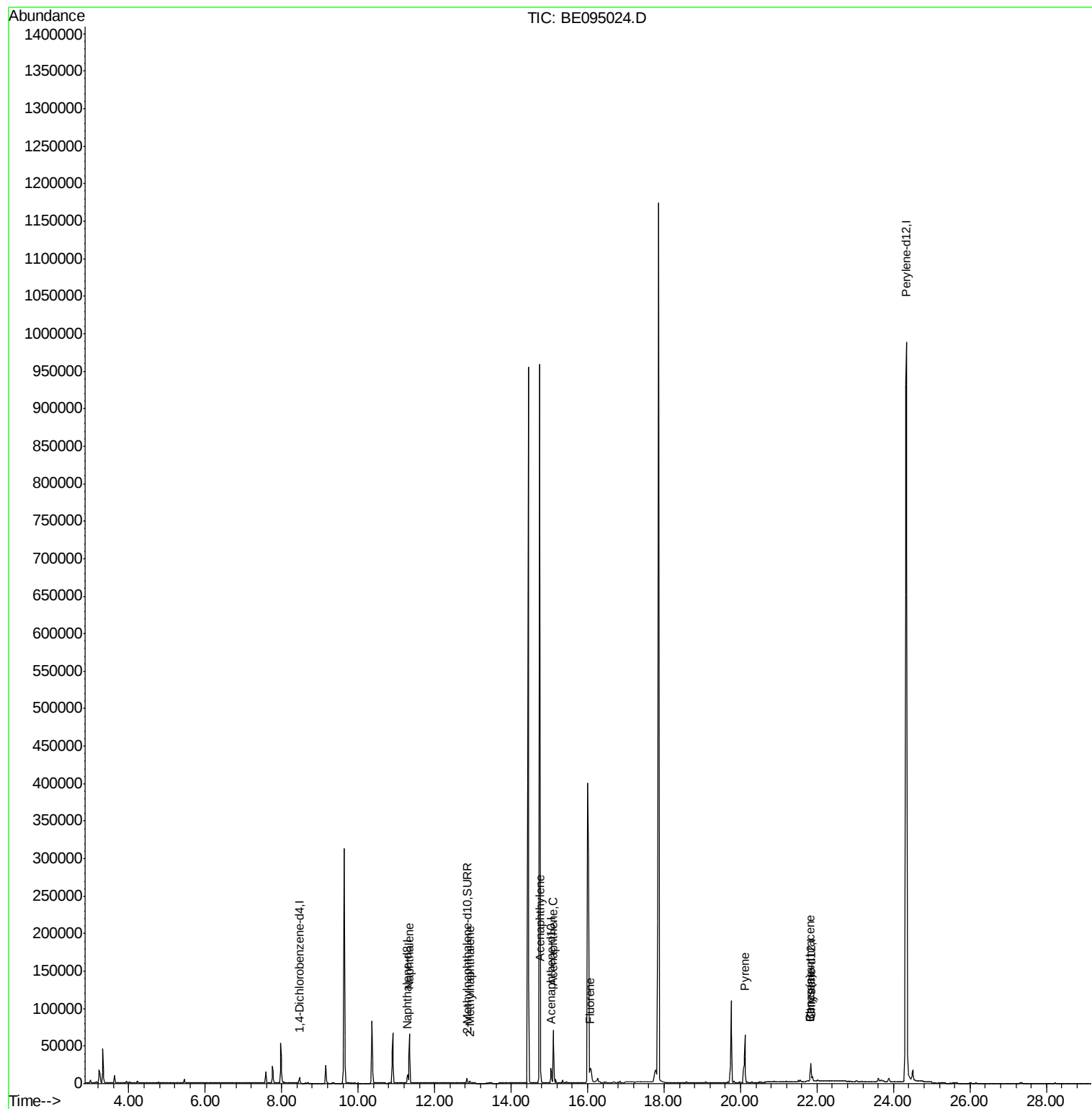
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4854	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	16466	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	11174	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.75
16) Chrysene-d12	21.84	240	22480	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	1139477	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	8140	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	23175	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.34	128	92830	2.123	ng/ul#	88
5) 2-Methylnaphthalene	12.91	142	2175	0.064	ng/ul	98
7) Acenaphthylene	14.78	152	1132	0.022	ng/ul#	71
8) Acenaphthene	15.11	153	41057	1.046	ng/ul	95
9) Fluorene	16.07	166	19788	0.454	ng/ul	90
17) Pyrene	20.11	202	74753	0.957	ng/ul#	79
18) Benzo(a)anthracene	21.82	228	11626	0.180	ng/ul#	88
19) Chrysene	21.82	228	11613	0.169	ng/ul	99

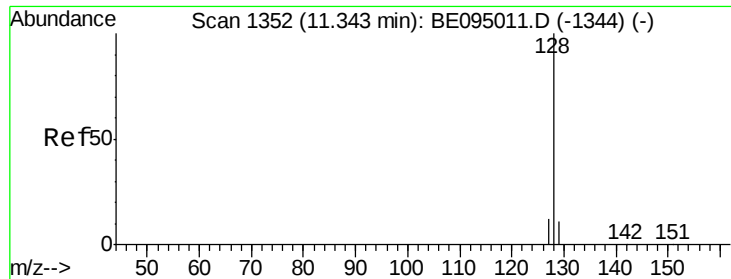
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.123 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

ClientSampleId :

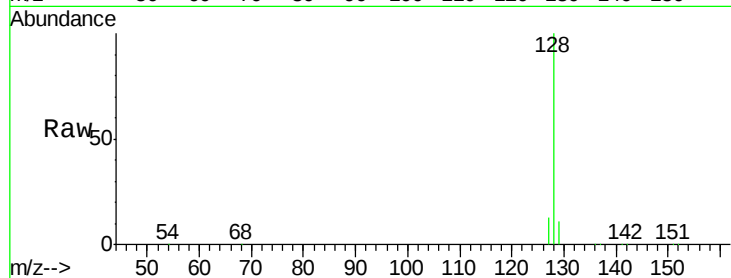
Tot Ion:128 Resp: 92830

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

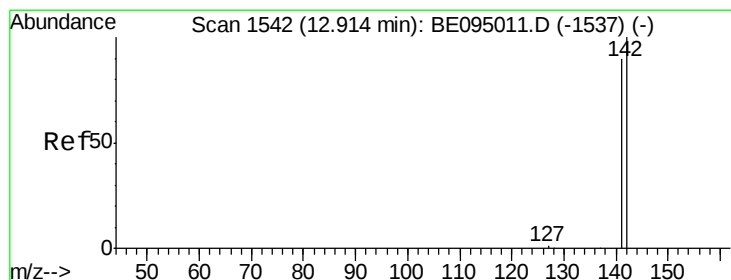
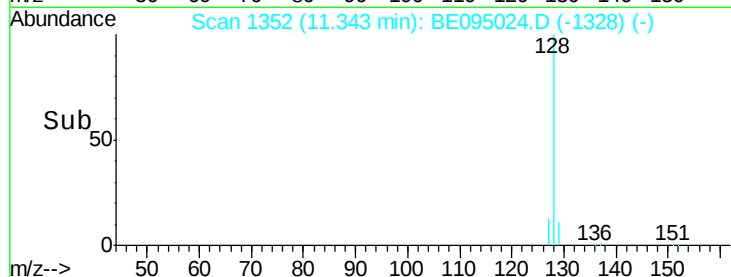
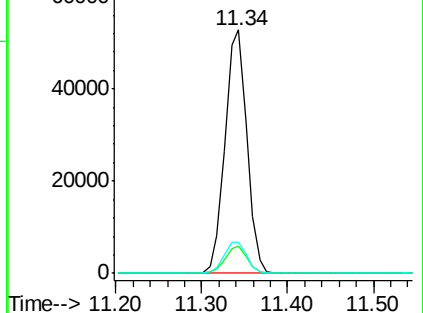
127 13.0 4.0 6.0#



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: 0.064 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095024.D

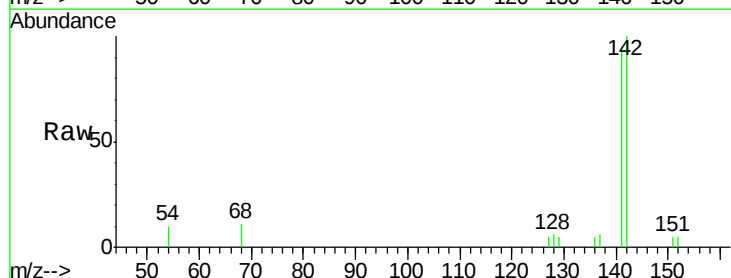
Acq: 18 Dec 2017 23:37

Tgt Ion:142 Resp: 2175

Ion Ratio Lower Upper

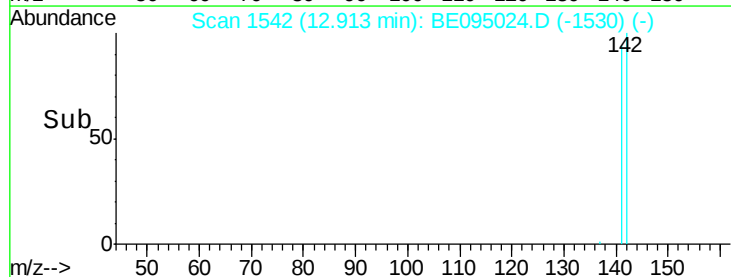
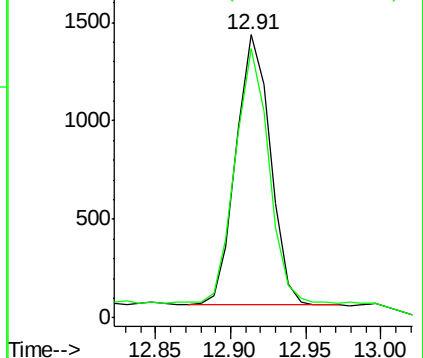
142 100

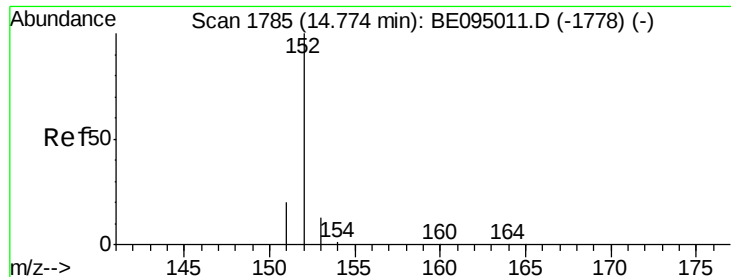
141 92.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.78 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

ClientSampleId :

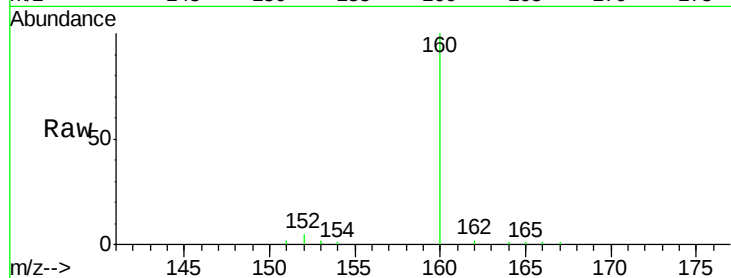
Tot Ion:152 Resp: 1132

Ion Ratio Lower Upper

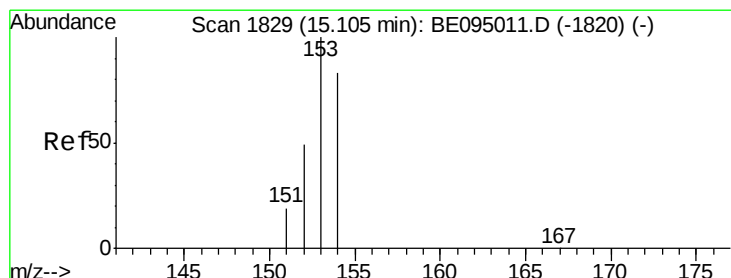
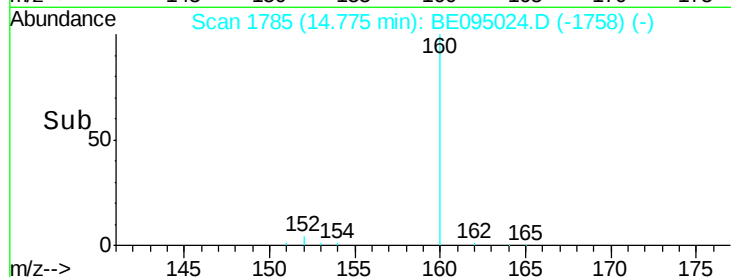
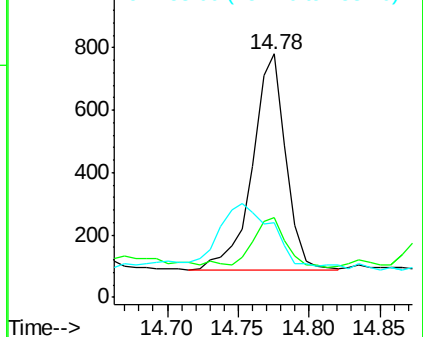
152 100

151 32.8 17.1 25.7#

153 30.9 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: 1.046 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

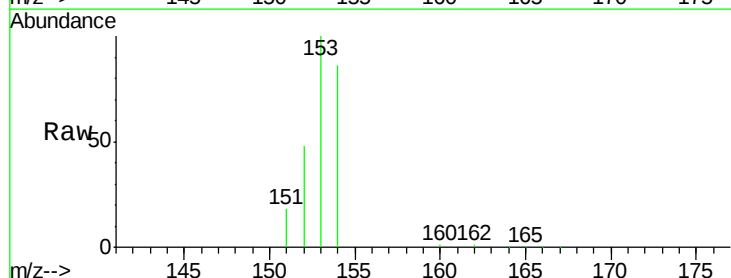
Tgt Ion:153 Resp: 41057

Ion Ratio Lower Upper

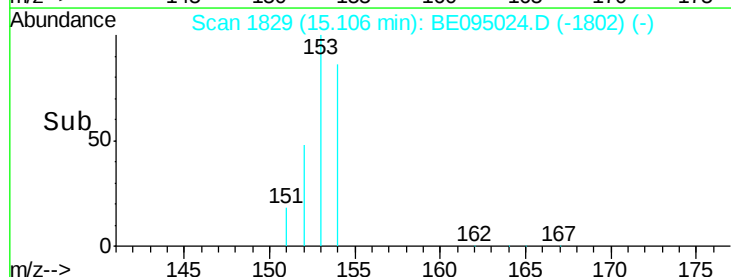
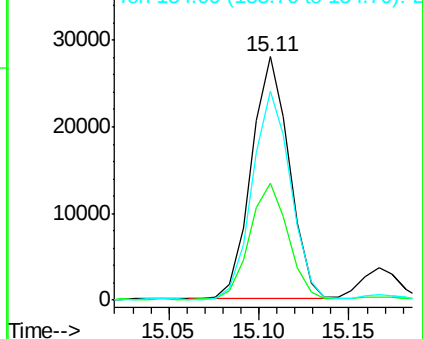
153 100

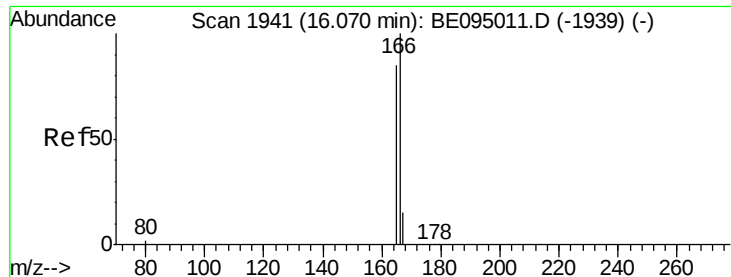
152 48.2 36.0 54.0

154 85.7 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: 0.454 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

ClientSampleId :

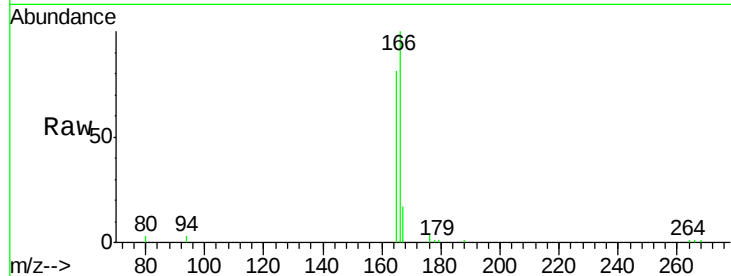
Tot Ion:166 Resp: 19788

Ion Ratio Lower Upper

166 100

165 81.1 73.4 110.2

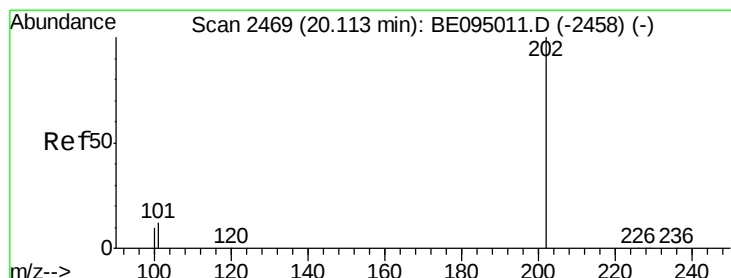
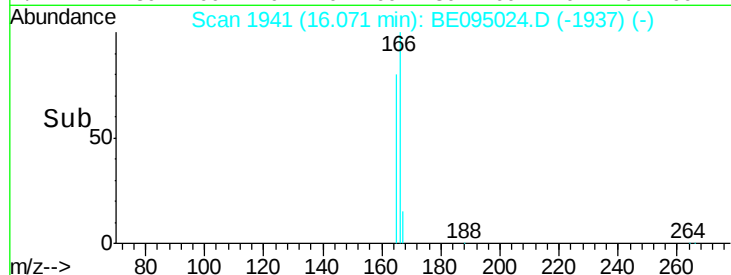
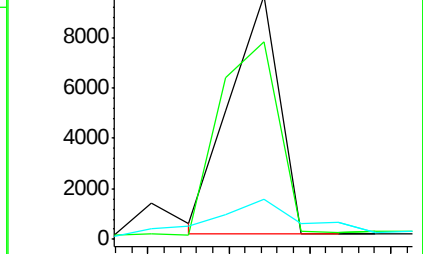
167 16.6 14.6 22.0



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



#17

Pyrene

Concen: 0.957 ng/ul

RT: 20.11 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

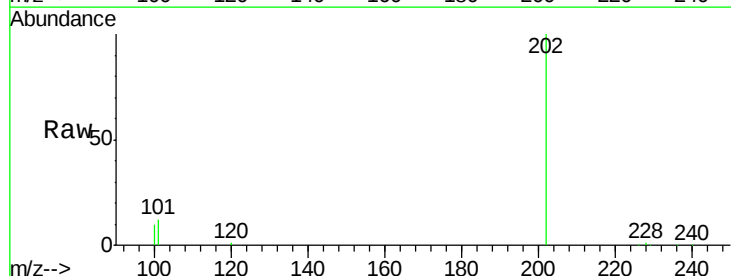
Tgt Ion:202 Resp: 74753

Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

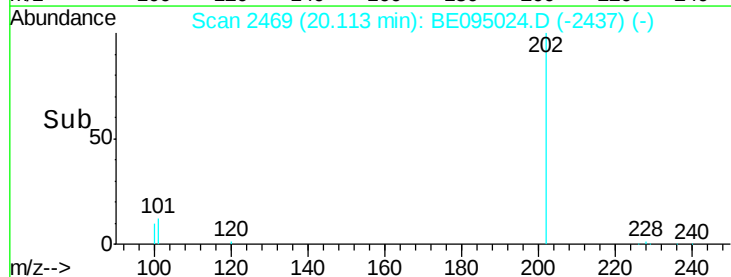
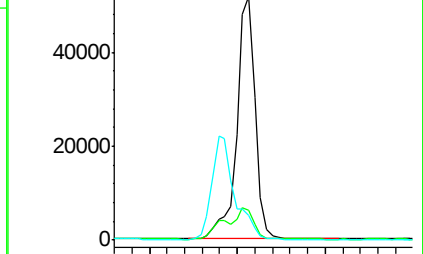
100 10.2 15.6 23.4#

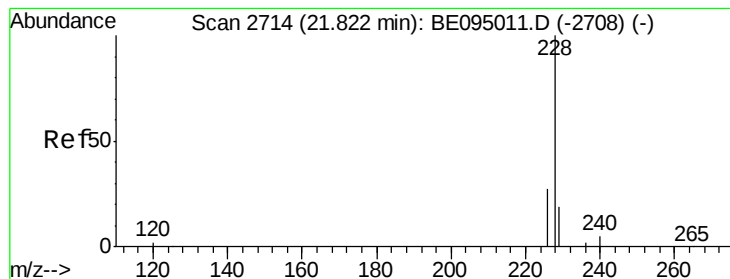


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.180 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

ClientSampled :

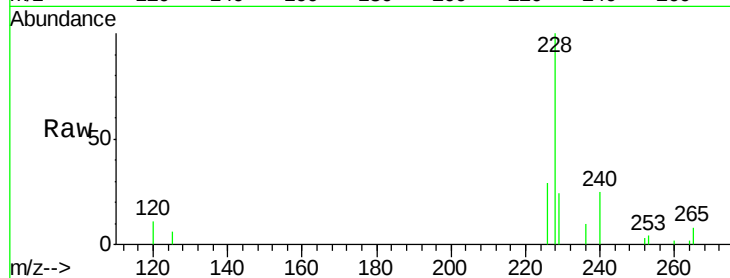
Tot Ion:228 Resp: 11626

Ion Ratio Lower Upper

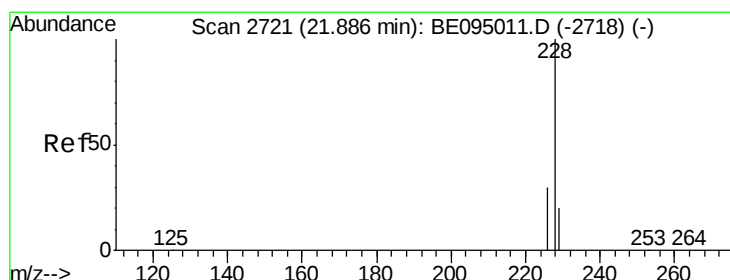
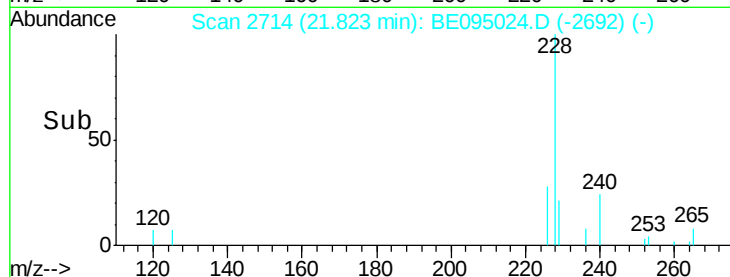
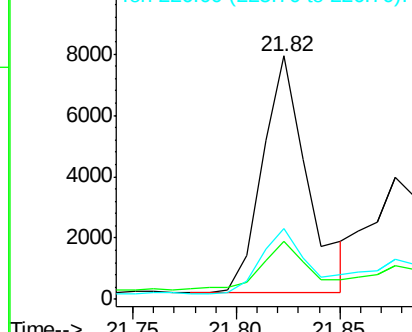
228 100

229 23.6 22.8 34.2

226 29.1 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: 0.169 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. -0.06 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

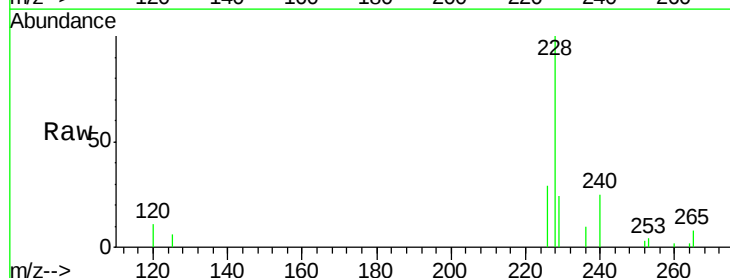
Tgt Ion:228 Resp: 11613

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

229 23.6 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

