

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 01:24:07 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

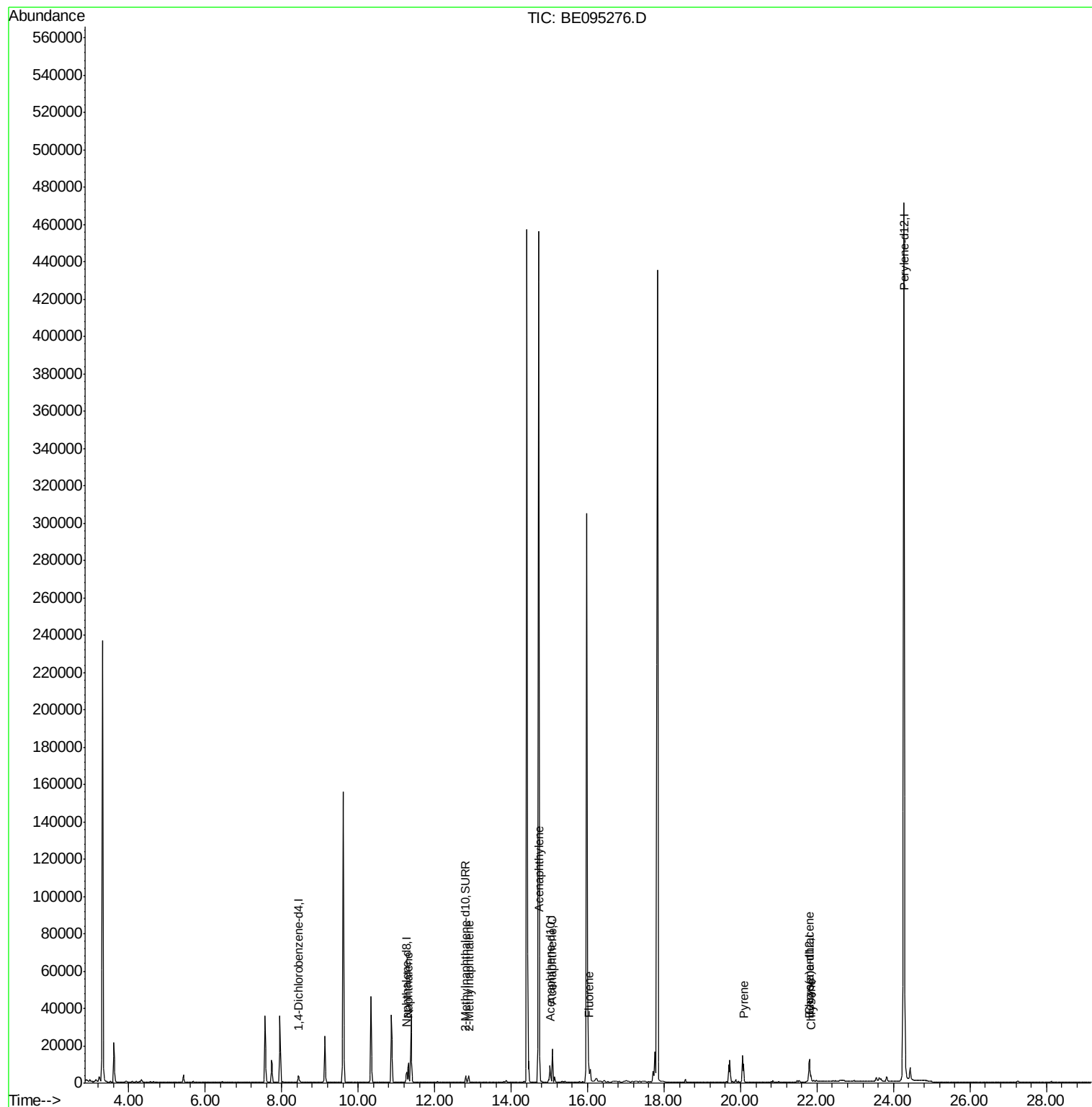
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2384	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7369	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4745	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	10057	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	535916	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4056	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10606	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	14048	0.681	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	2857	0.207	ng/ul	100
7) Acenaphthylene	14.75	152	4142	0.181	ng/ul	99
8) Acenaphthene	15.08	153	9917	0.560	ng/ul	94
9) Fluorene	16.02	166	9315	0.510	ng/ul#	75
17) Pyrene	20.08	202	11398	0.338	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	5003	0.159	ng/ul#	85
19) Chrysene	21.84	228	3492	0.107	ng/ul	94

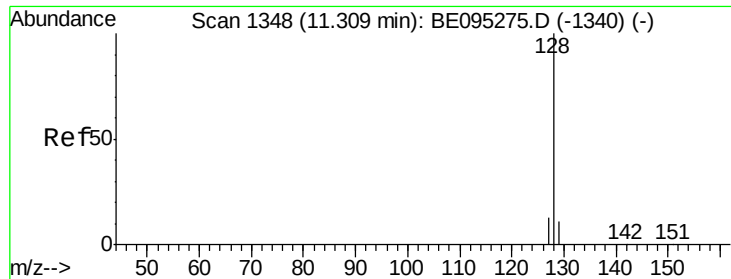
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.681 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

ClientSampleId :

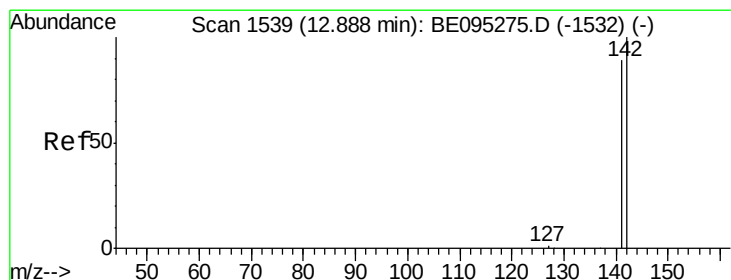
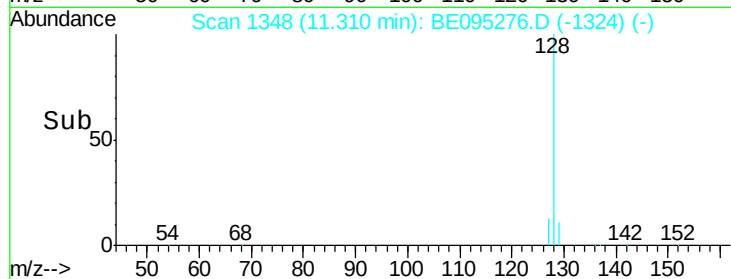
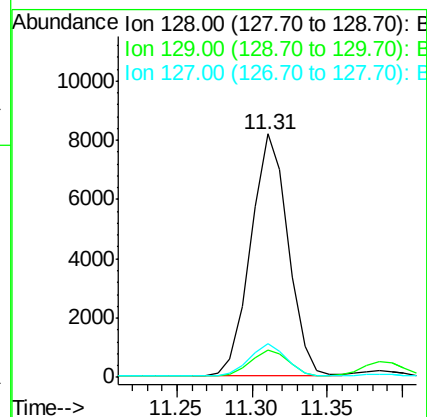
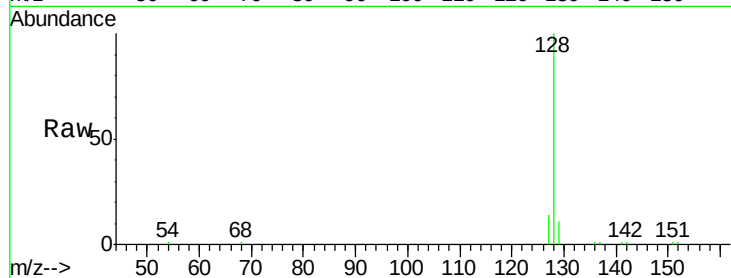
Tot Ion:128 Resp: 14048

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

127 13.9 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.207 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095276.D

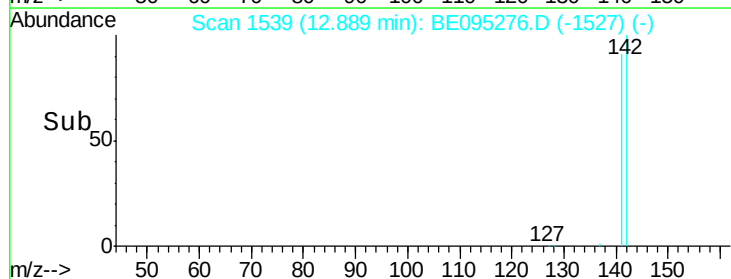
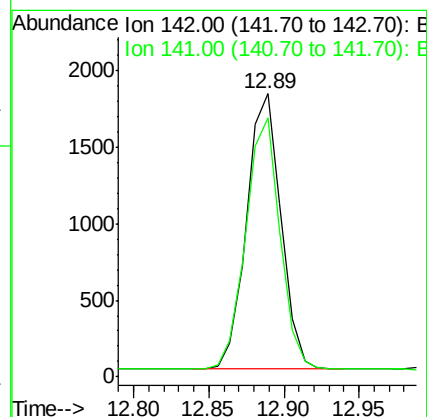
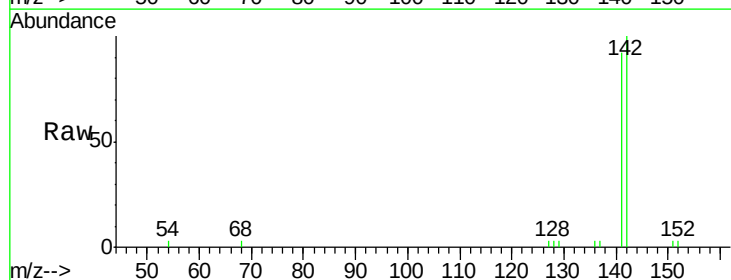
Acq: 30 Jan 2018 9:29

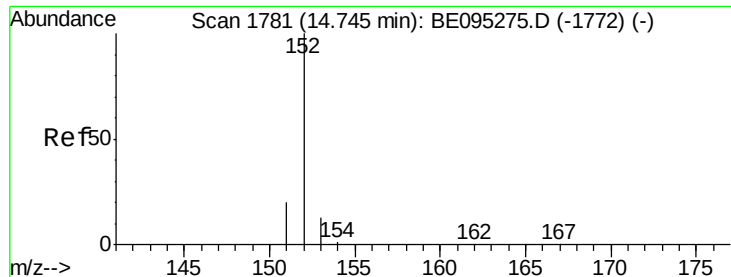
Tgt Ion:142 Resp: 2857

Ion Ratio Lower Upper

142 100

141 90.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.181 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

ClientSampleId :

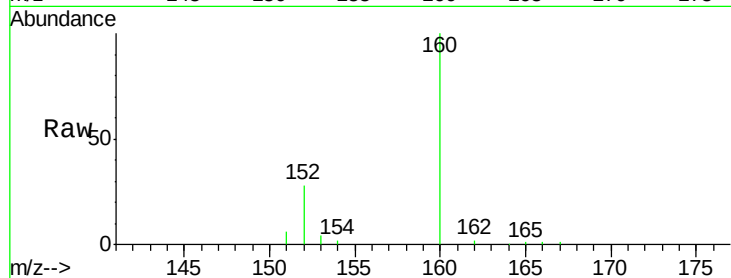
Tot Ion:152 Resp: 4142

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

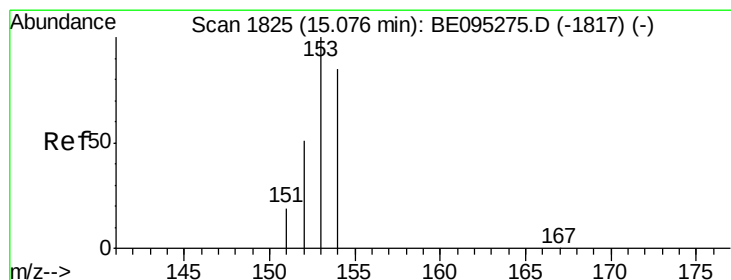
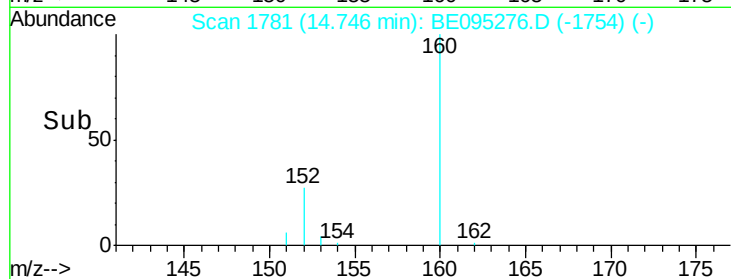
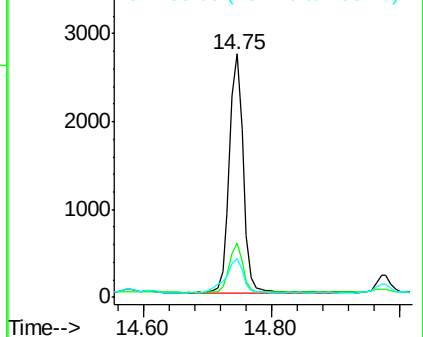
153 15.7 12.8 19.2



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



#8

Acenaphthene

Concen: 0.560 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

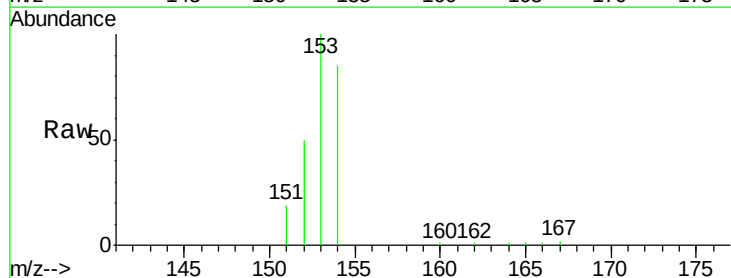
Tgt Ion:153 Resp: 9917

Ion Ratio Lower Upper

153 100

152 49.5 36.0 54.0

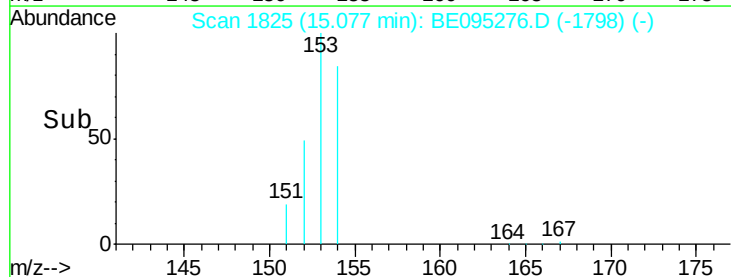
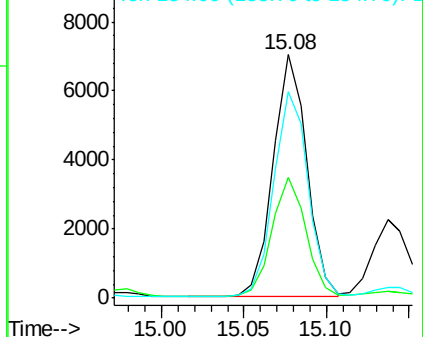
154 85.0 72.0 108.0

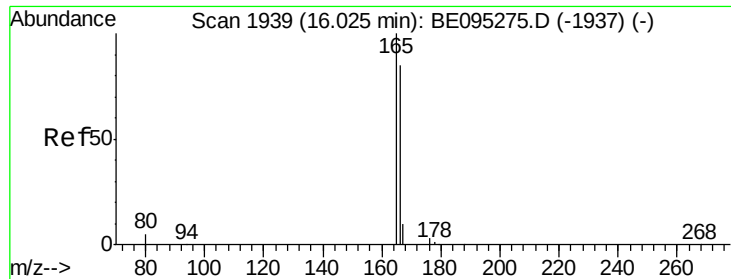


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.510 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

ClientSampleId :

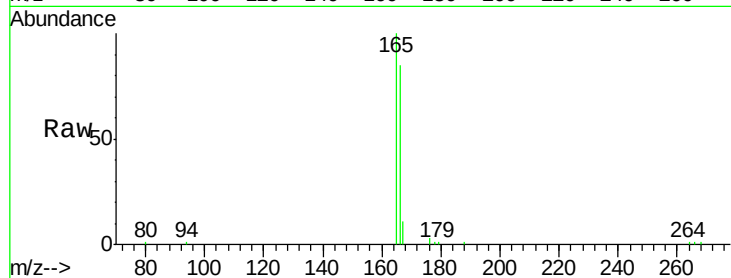
Tot Ion:166 Resp: 9315

Ion Ratio Lower Upper

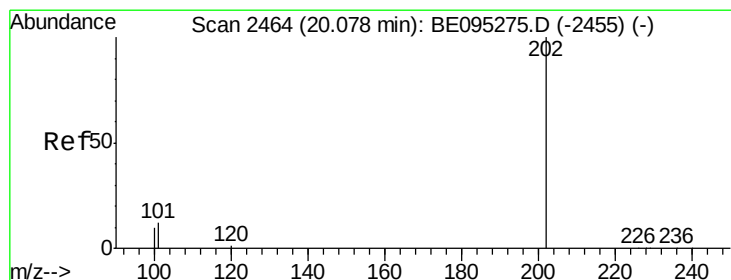
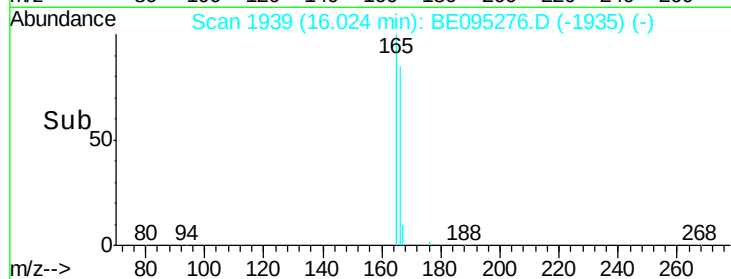
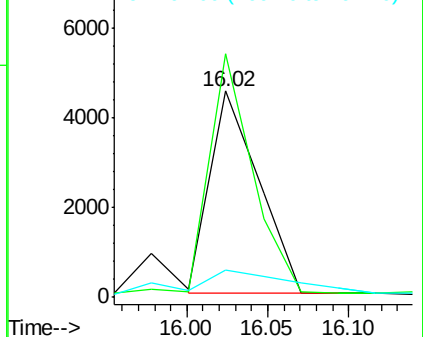
166 100

165 118.1 73.4 110.2#

167 13.4 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



#17

Pyrene

Concen: 0.338 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

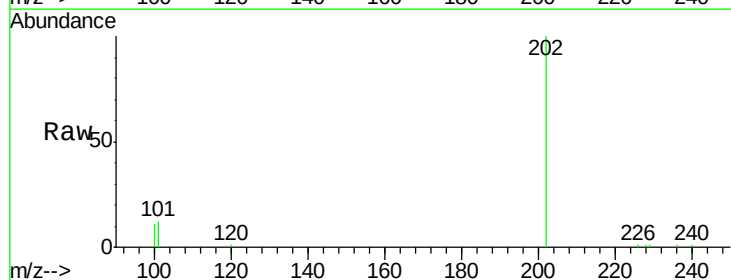
Tgt Ion:202 Resp: 11398

Ion Ratio Lower Upper

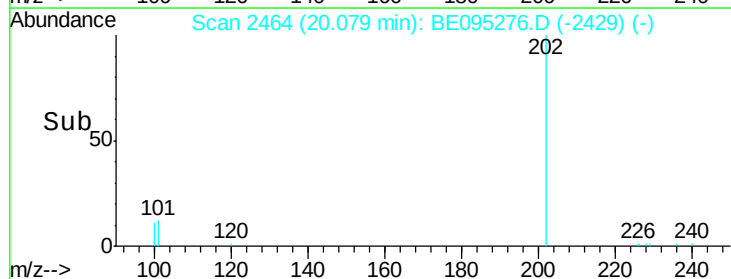
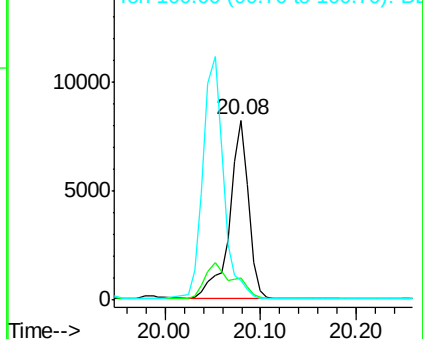
202 100

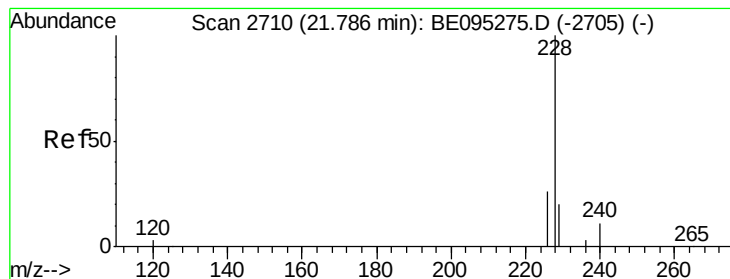
101 12.2 18.2 27.4#

100 10.8 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: 0.159 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

ClientSampleId :

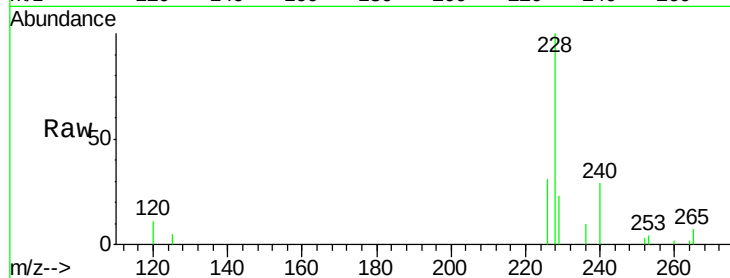
Tot Ion:228 Resp: 5003

Ion Ratio Lower Upper

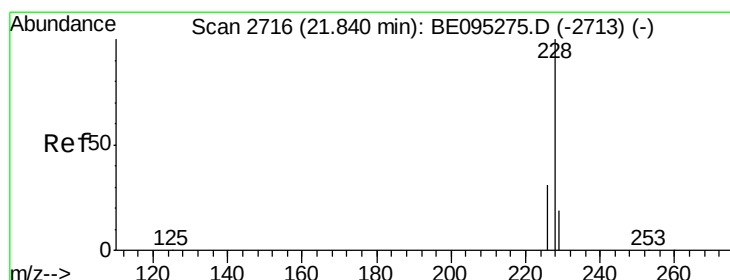
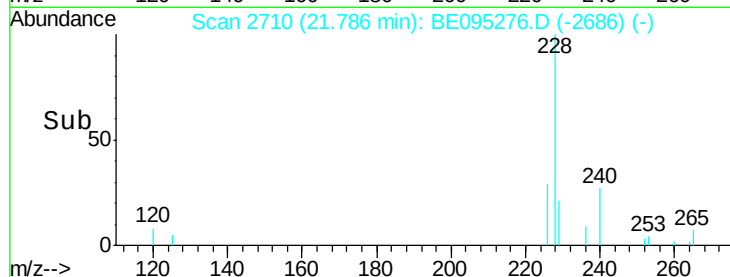
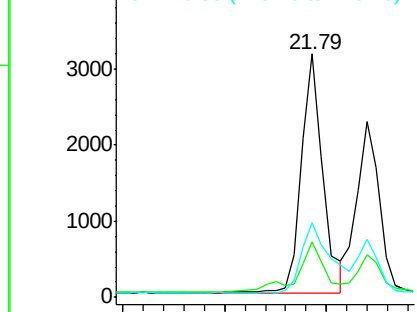
228 100

229 22.7 22.8 34.2#

226 30.5 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: 0.107 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

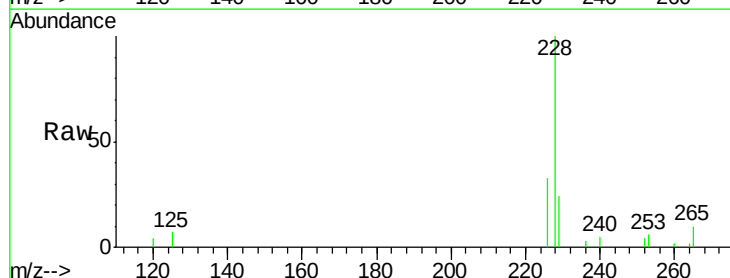
Tgt Ion:228 Resp: 3492

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

229 24.1 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

