

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095277.D
 Acq On : 30 Jan 2018 10:04
 Operator : SJ/JU
 Sample : J1244-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 01:24:19 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

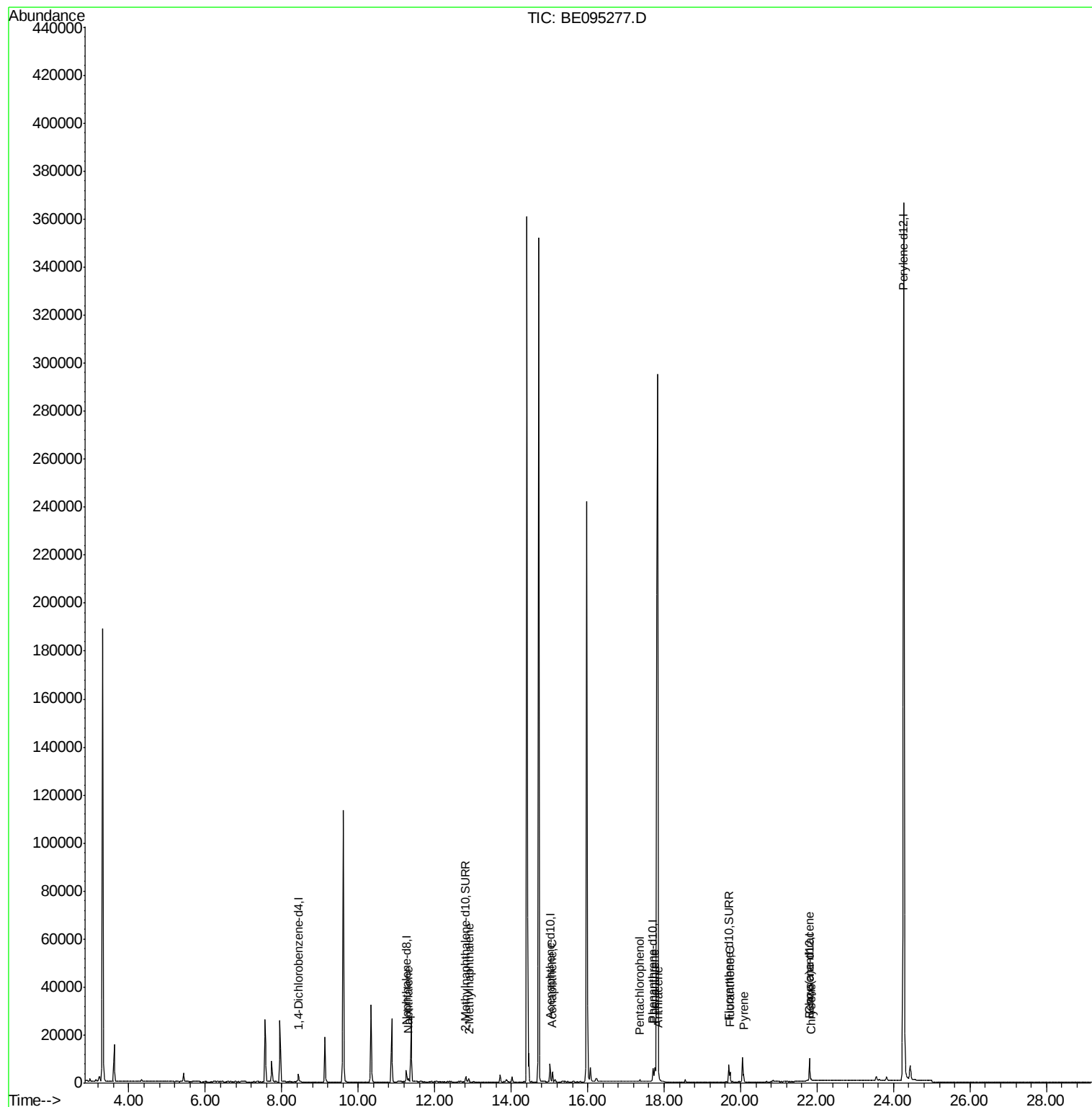
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2188	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6574	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	4207	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8774	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8963	0.40	ng/ul	0.00
20) Perylene-d12	24.26	264	360917	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2988	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8126	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	1984	0.108	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	1128	0.092	ng/ul	97
8) Acenaphthene	15.07	153	2491	0.159	ng/ul	92
11) Pentachlorophenol	17.36	266	408	0.240	ng/ul	92
12) Phenanthrene	17.75	178	6535	0.221	ng/ul#	88
13) Anthracene	17.85	178	1101	0.041	ng/ul#	91
15) Fluoranthene	19.72	202	4741	0.124	ng/ul	84
17) Pyrene	20.08	202	5140	0.171	ng/ul#	83
18) Benzo(a)anthracene	21.79	228	1129	0.040	ng/ul#	89
19) Chrysene	21.84	228	736	0.025	ng/ul#	80

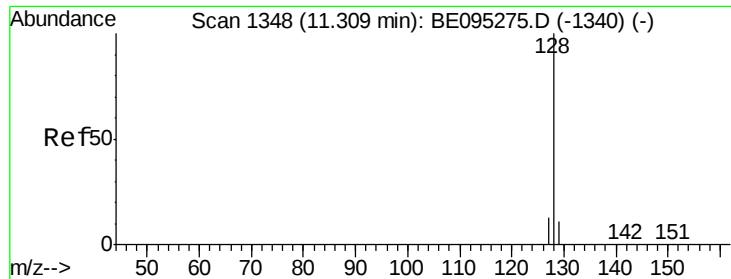
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.108 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

Instrument :

BNA_E

ClientSampleId :

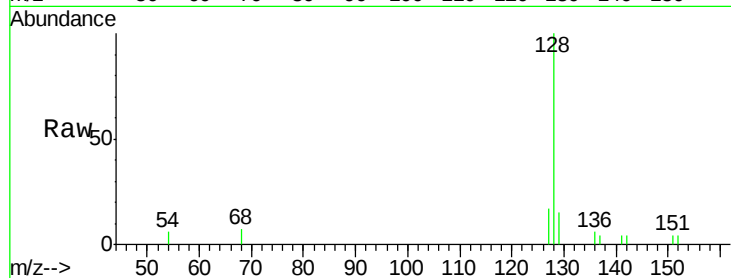
Tot Ion:128 Resp: 1984

Ion Ratio Lower Upper

128 100

129 15.2 11.3 16.9

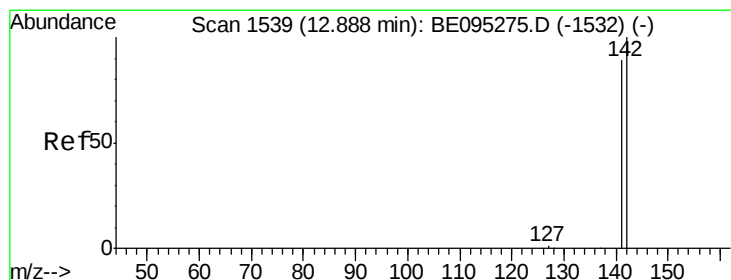
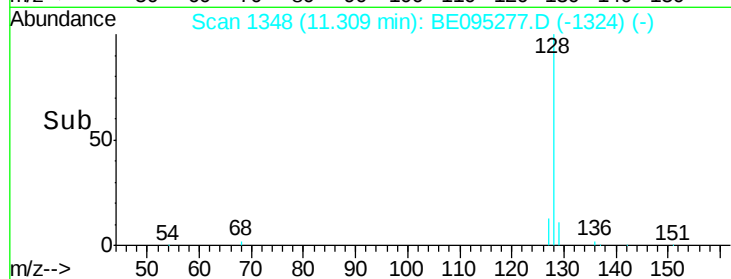
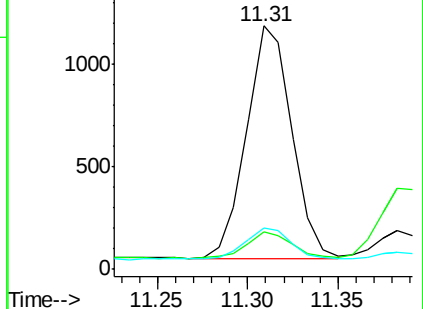
127 16.8 4.0 6.0#



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: 0.092 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095277.D

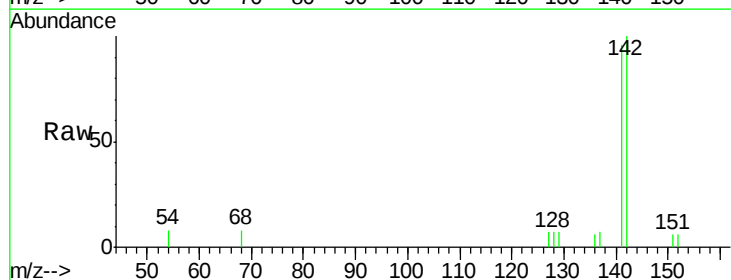
Acq: 30 Jan 2018 10:04

Tgt Ion:142 Resp: 1128

Ion Ratio Lower Upper

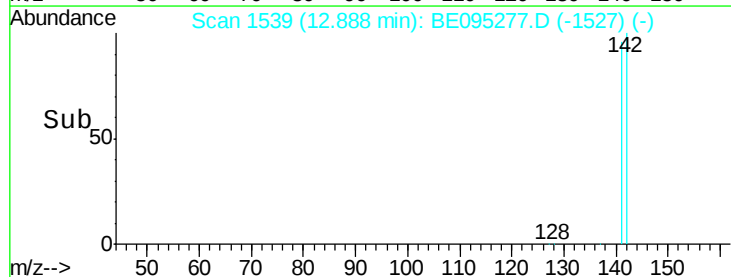
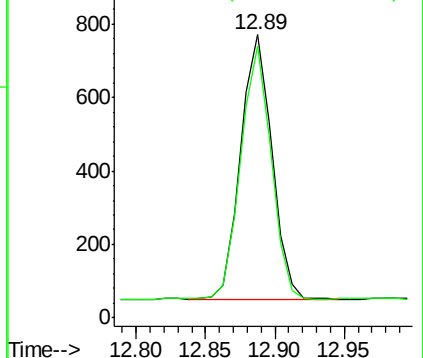
142 100

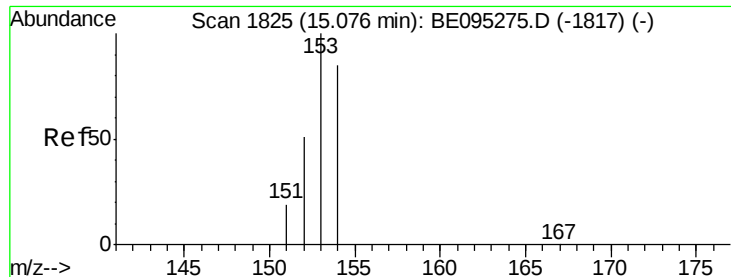
141 93.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.159 ng/ul

RT: 15.07 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

Instrument :

BNA_E

ClientSampleId :

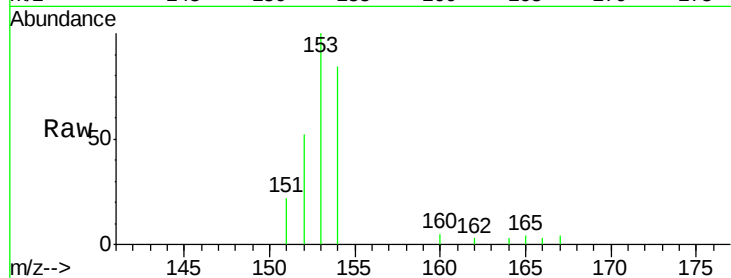
Tot Ion:153 Resp: 2491

Ion Ratio Lower Upper

153 100

152 52.1 36.0 54.0

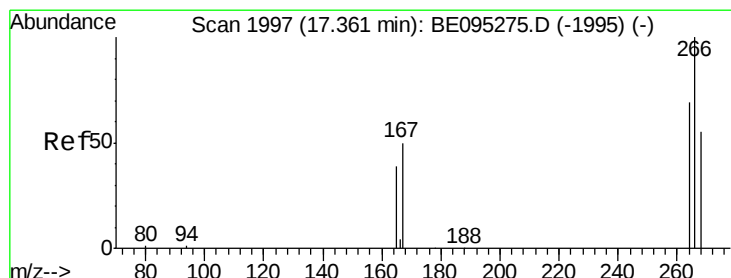
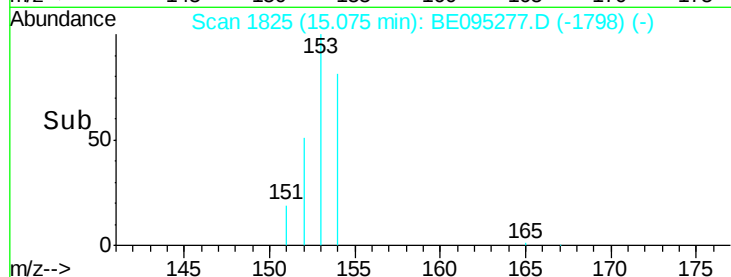
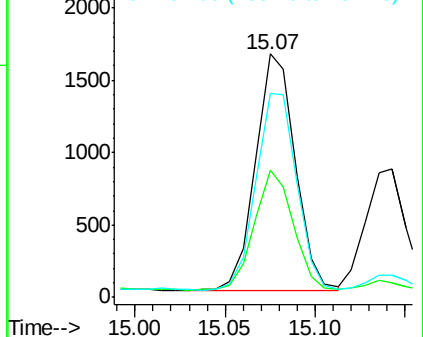
154 83.6 72.0 108.0



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



#11

Pentachlorophenol

Concen: 0.240 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

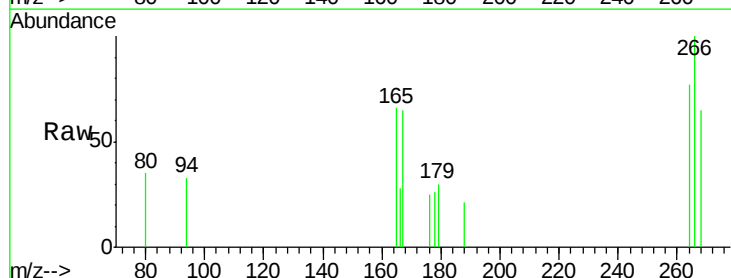
Tgt Ion:266 Resp: 408

Ion Ratio Lower Upper

266 100

264 68.1 47.9 71.9

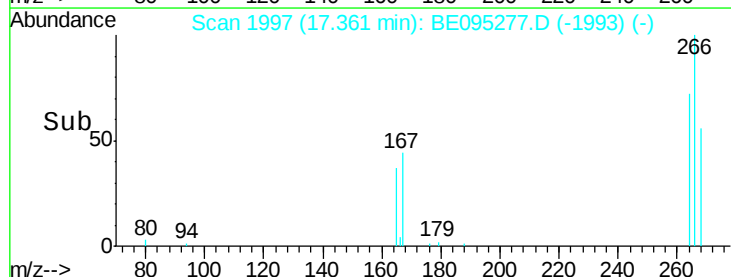
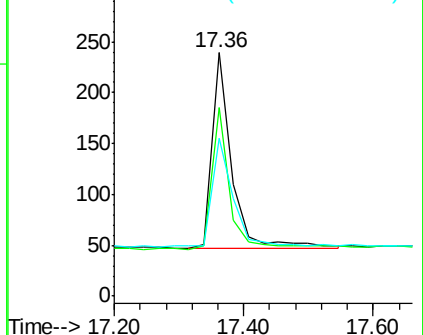
268 57.8 49.8 74.8

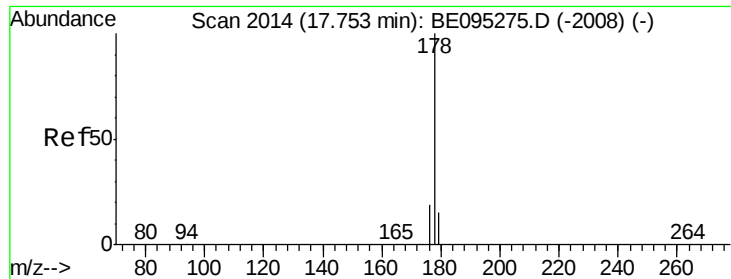


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

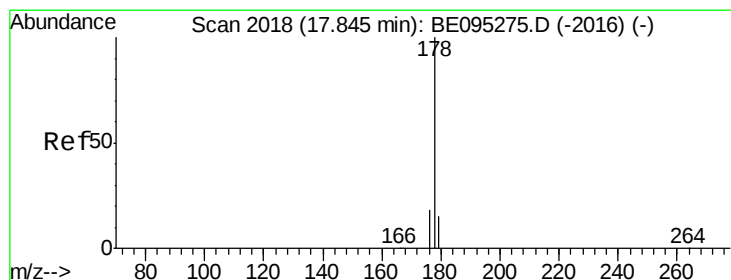
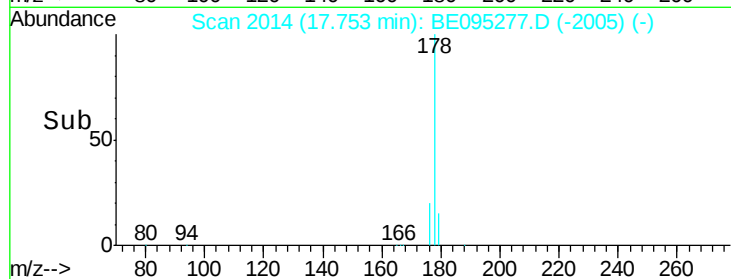
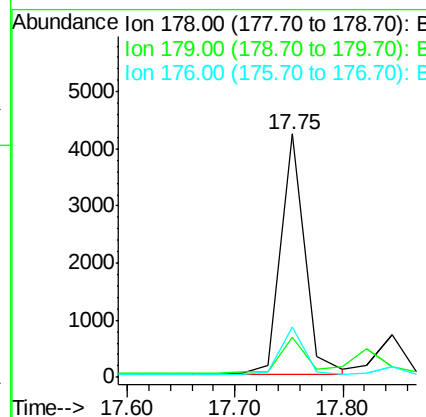
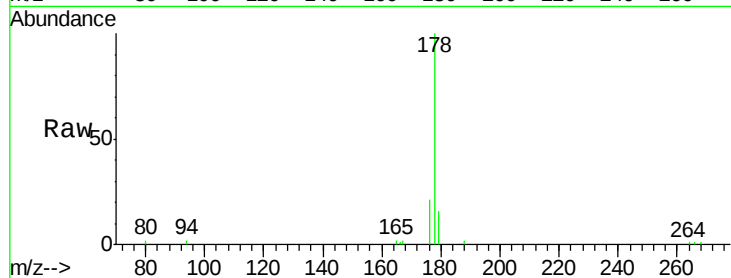




#12
Phenanthrene
Concen: 0.221 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095277.D
Acq: 30 Jan 2018 10:04

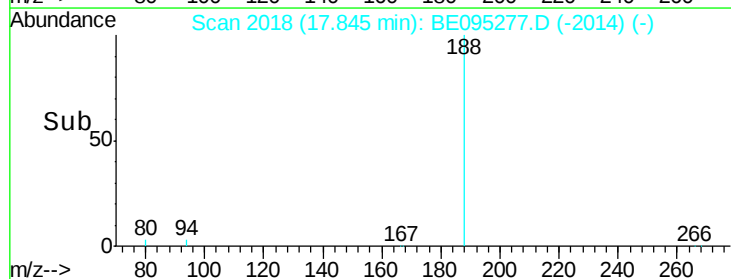
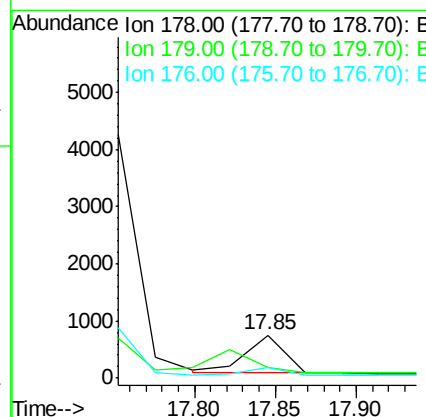
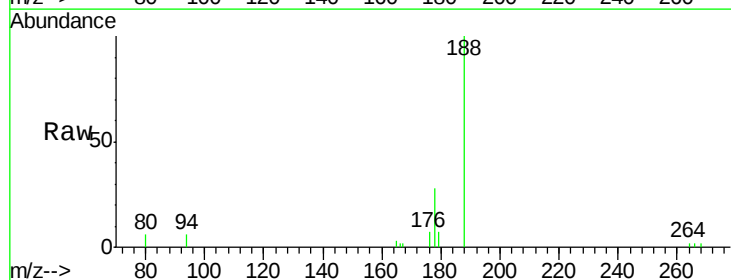
Instrument :
BNA_E
ClientSampleId :

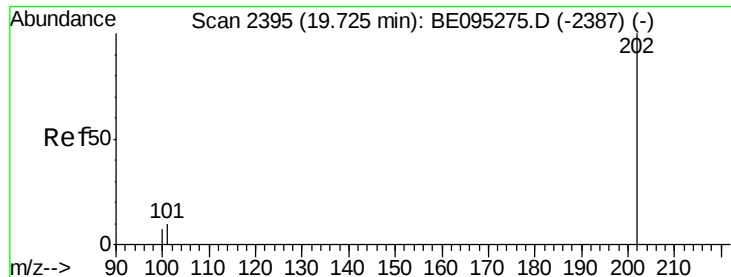
Tot Ion:178 Resp: 6535
Ion Ratio Lower Upper
178 100
179 16.3 18.4 27.6#
176 20.8 13.6 20.4#



#13
Anthracene
Concen: 0.041 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095277.D
Acq: 30 Jan 2018 10:04

Tgt Ion:178 Resp: 1101
Ion Ratio Lower Upper
178 100
179 25.0 18.1 27.1
176 24.6 14.7 22.1#





#15

Fluoranthene

Concen: 0.124 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

Instrument :

BNA_E

ClientSampleId :

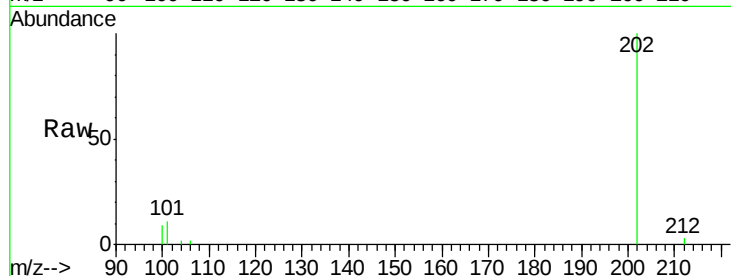
Tot Ion:202 Resp: 4741

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

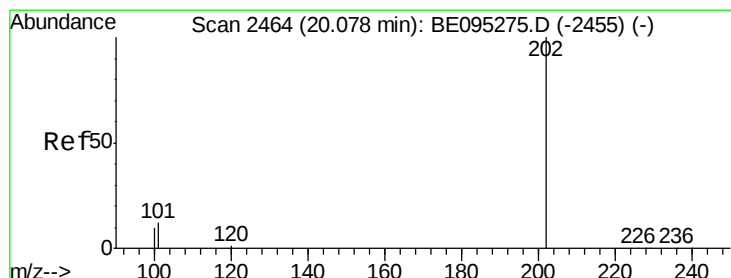
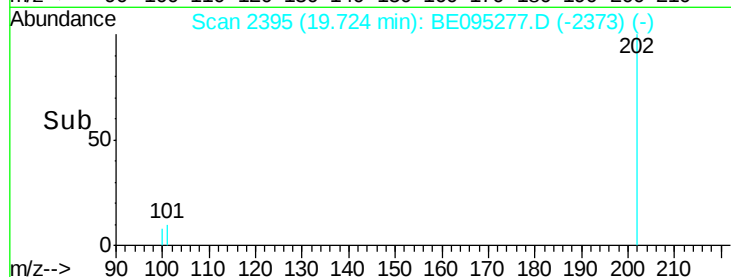
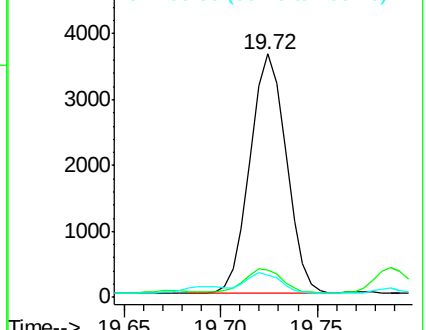
100 9.3 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.171 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

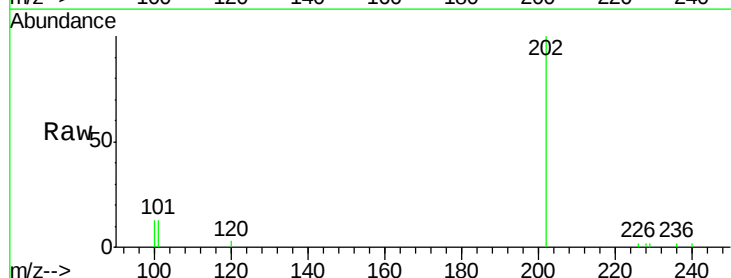
Tgt Ion:202 Resp: 5140

Ion Ratio Lower Upper

202 100

101 13.4 18.2 27.4#

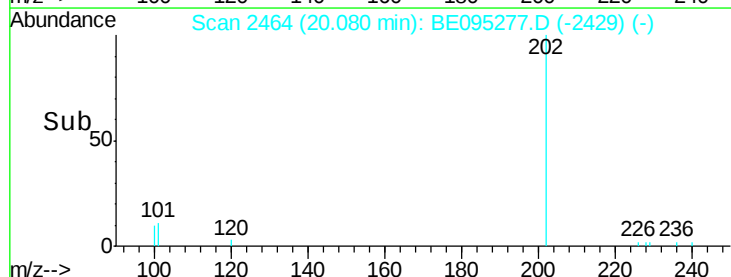
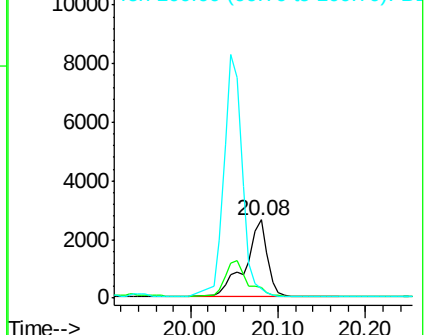
100 12.6 15.6 23.4#

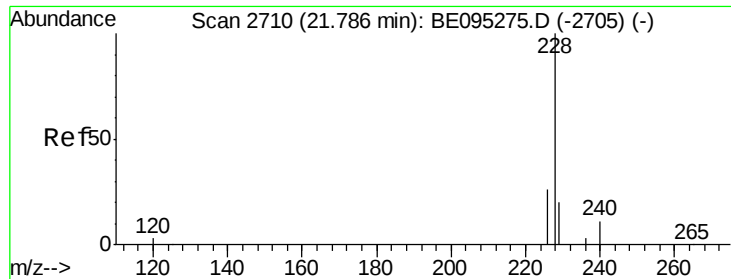


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.040 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

Instrument :

BNA_E

ClientSampleId :

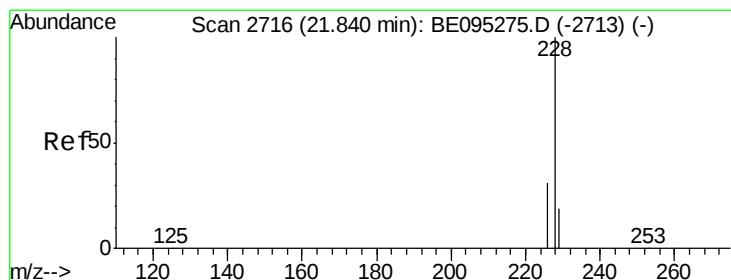
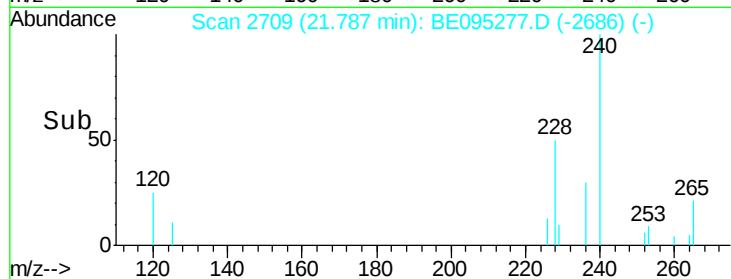
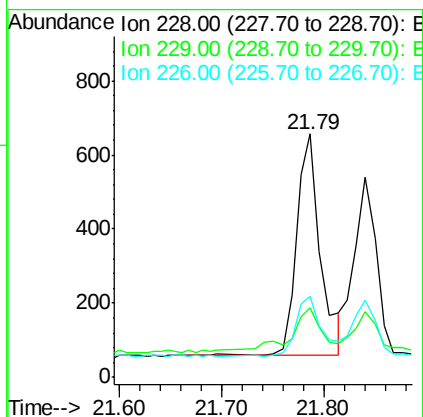
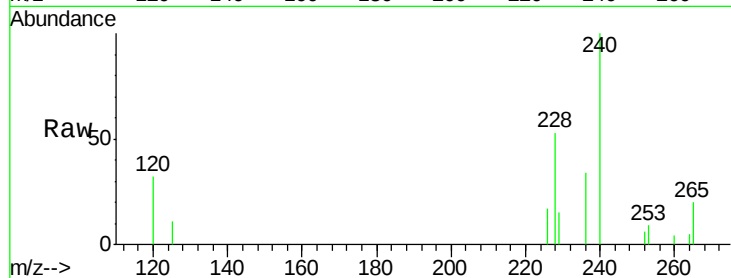
Tot Ion:228 Resp: 1129

Ion Ratio Lower Upper

228 100

229 28.6 22.8 34.2

226 33.0 17.0 25.6#



#19

Chrysene

Concen: 0.025 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE095277.D

Acq: 30 Jan 2018 10:04

Tgt Ion:228 Resp: 736

Ion Ratio Lower Upper

228 100

226 38.5 23.4 35.0#

229 32.8 17.7 26.5#

