

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040918\
 Data File : BE095964.D
 Acq On : 9 Apr 2018 13:14
 Operator : SJ/JU
 Sample : J2135-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 10 03:47:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration

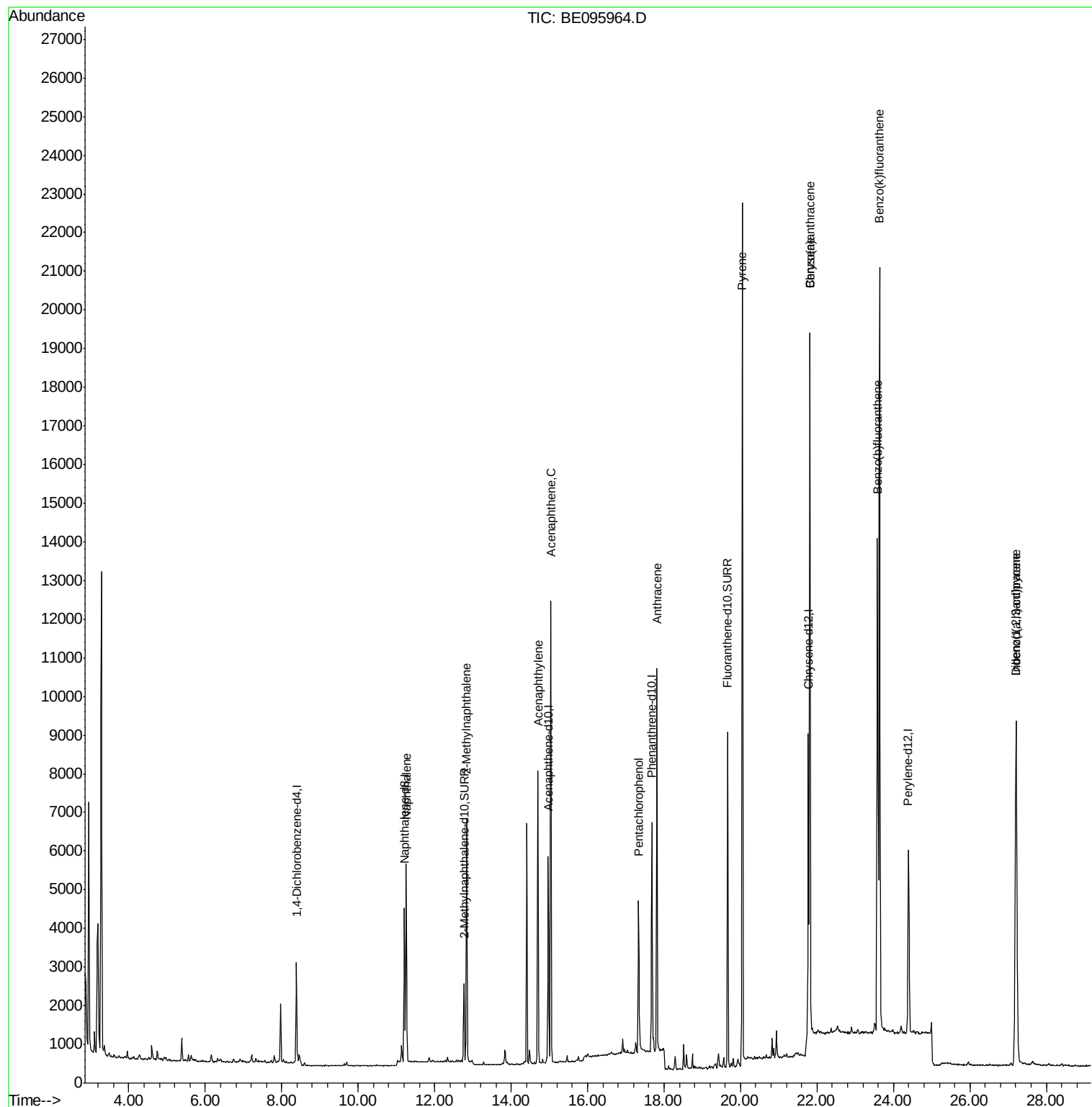
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1980	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5255	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2918	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7053	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8946	0.40	ng/ul	0.00
20) Perylene-d12	24.39	264	7188	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	2588	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	9493	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.26	128	6929	0.472	ng/ul#	88
5) 2-Methylnaphthalene	12.84	142	5200	0.523	ng/ul	99
7) Acenaphthylene	14.70	152	8521	0.563	ng/ul	97
8) Acenaphthene	15.04	153	6995	0.645	ng/ul	95
11) Pentachlorophenol	17.34	266	2171	1.454	ng/ul	96
13) Anthracene	17.81	178	10889	0.526	ng/ul#	91
17) Pyrene	20.05	202	26203	0.862	ng/ul#	79
18) Benzo(a)anthracene	21.82	228	16699	0.462	ng/ul#	83
19) Chrysene	21.82	228	16778	0.645	ng/ul	97
21) Benzo(b)fluoranthene	23.58	252	19283	0.829	ng/ul	85
22) Benzo(k)fluoranthene	23.64	252	28289	1.221	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.21	276	4027	0.161	ng/ul#	80
25) Dibenzo(a,h)anthracene	27.21	278	16965	0.845	ng/ul#	88

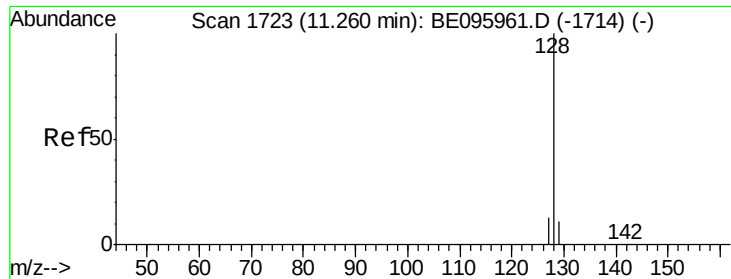
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.472 ng/ul

RT: 11.26 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE095964.D

Acq: 9 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

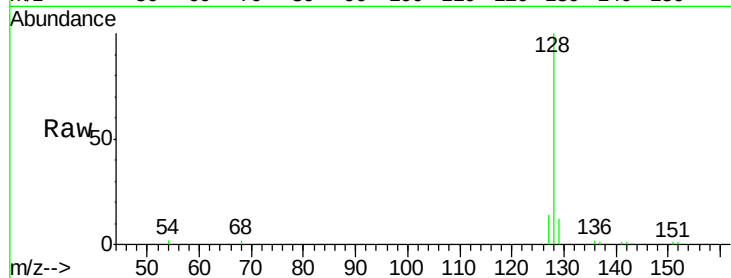
Tot Ion:128 Resp: 6929

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

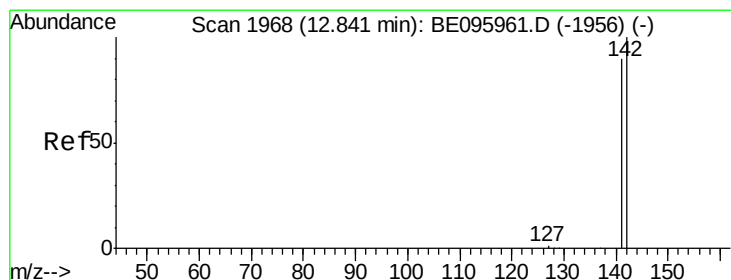
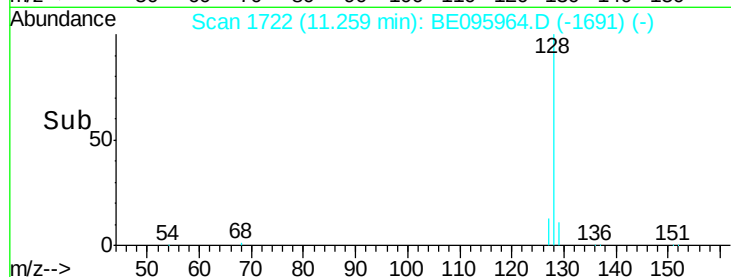
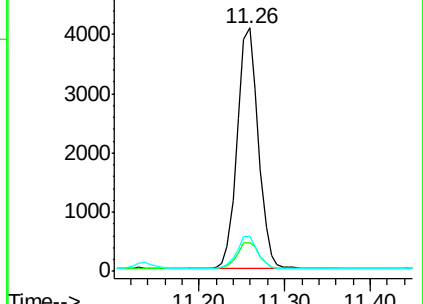
127 14.5 4.0 6.0#



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: 0.523 ng/ul

RT: 12.84 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BE095964.D

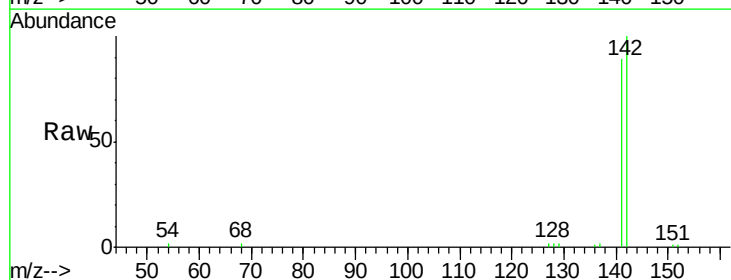
Acq: 9 Apr 2018 13:14

Tgt Ion:142 Resp: 5200

Ion Ratio Lower Upper

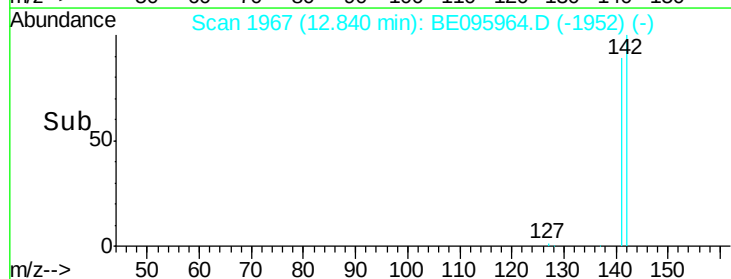
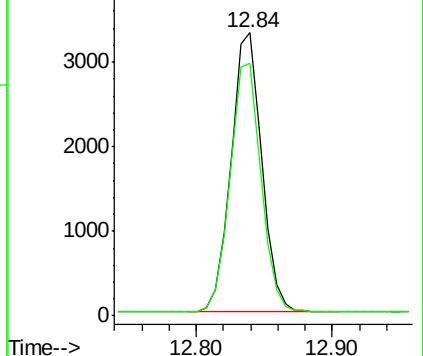
142 100

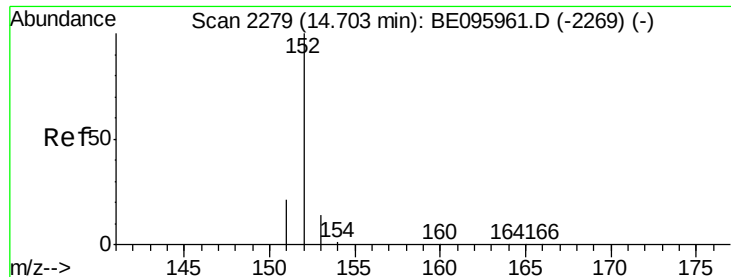
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.563 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE095964.D

Acq: 9 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

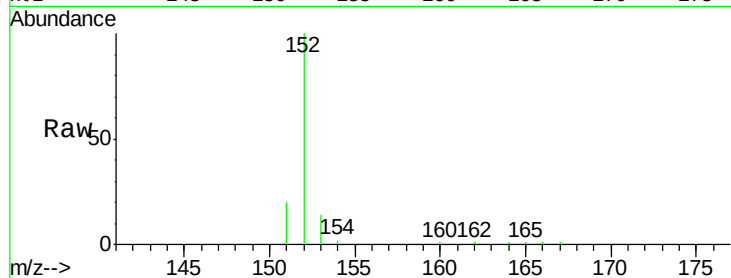
Tot Ion:152 Resp: 8521

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

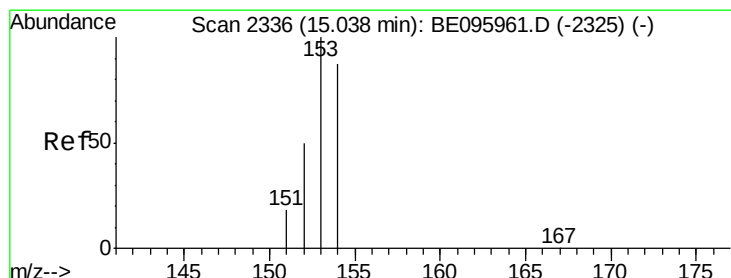
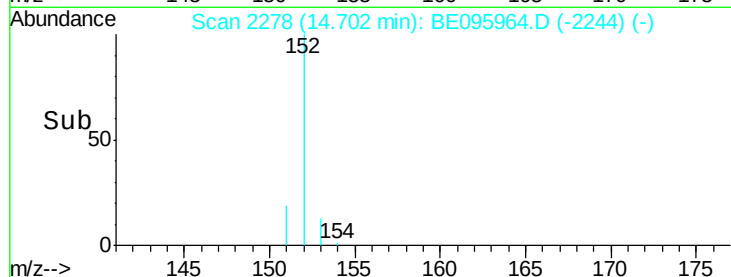
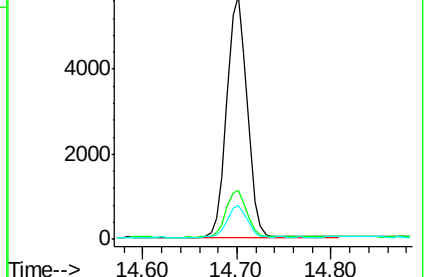
153 14.1 12.8 19.2



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: 0.645 ng/ul

RT: 15.04 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BE095964.D

Acq: 9 Apr 2018 13:14

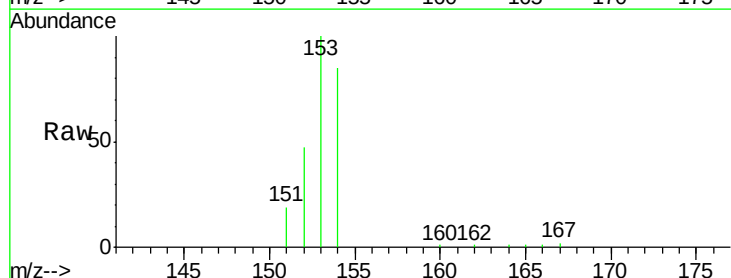
Tgt Ion:153 Resp: 6995

Ion Ratio Lower Upper

153 100

152 47.2 36.0 54.0

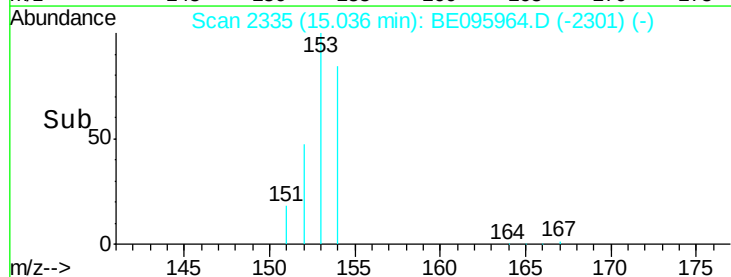
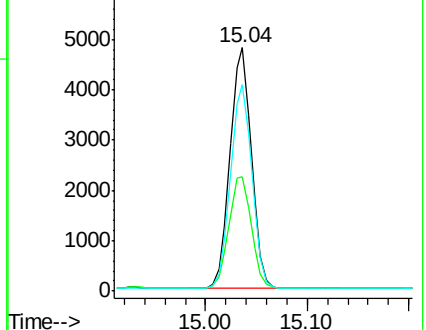
154 84.8 72.0 108.0

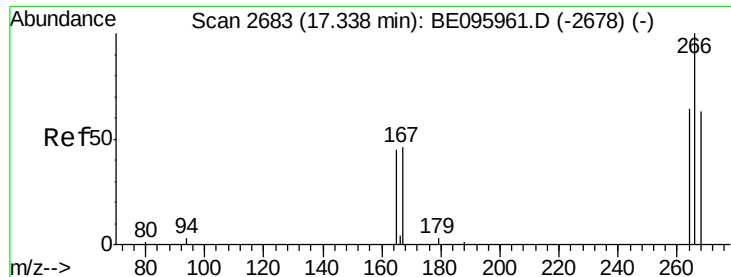


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

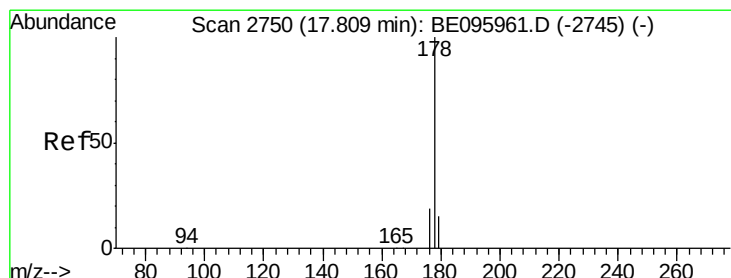
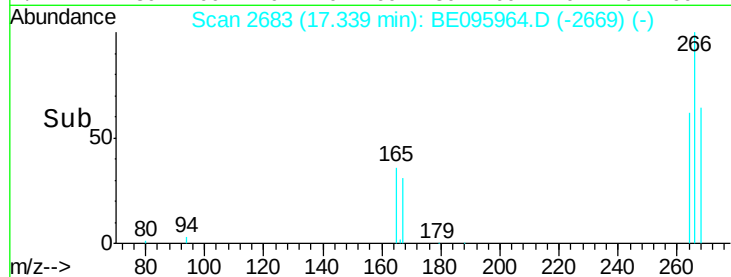
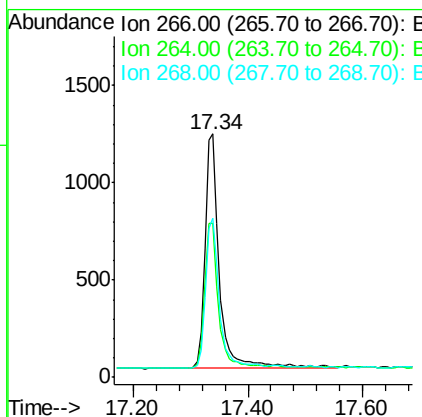
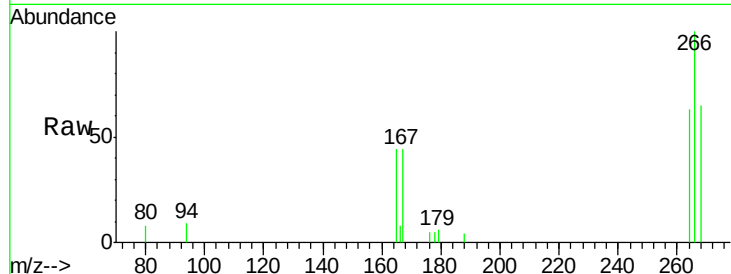




#11
 Pentachlorophenol
 Concen: 1.454 ng/ul
 RT: 17.34 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: BE095964.D
 Acq: 9 Apr 2018 13:14

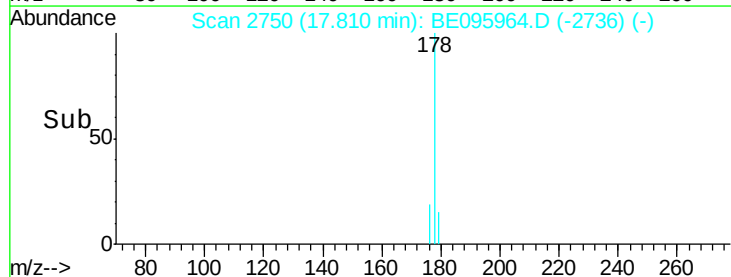
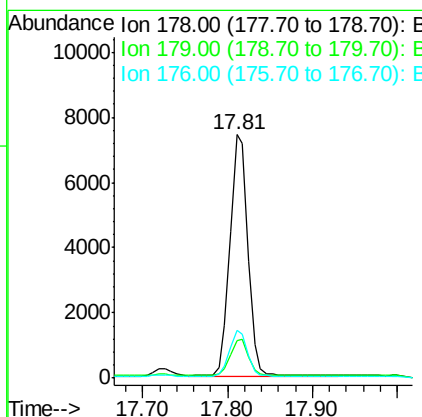
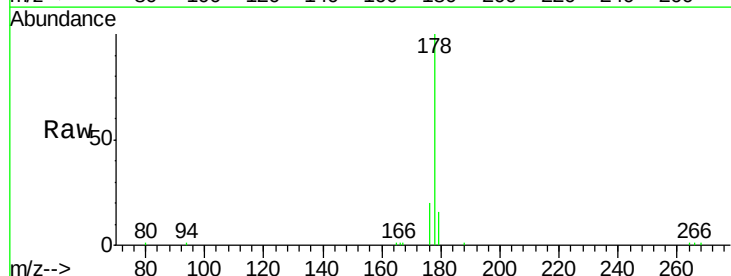
Instrument :
 BNA_E
 ClientSampleId :

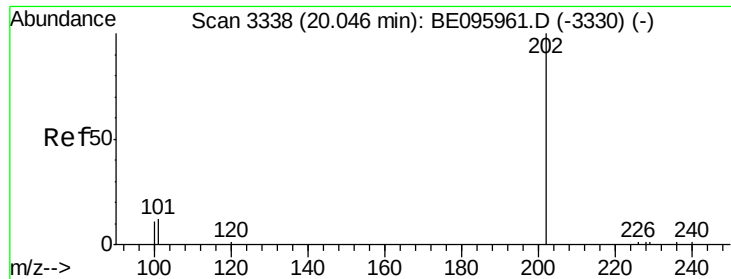
Tot Ion:266 Resp: 2171
 Ion Ratio Lower Upper
 266 100
 264 63.8 47.9 71.9
 268 64.1 49.8 74.8



#13
 Anthracene
 Concen: 0.526 ng/ul
 RT: 17.81 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BE095964.D
 Acq: 9 Apr 2018 13:14

Tgt Ion:178 Resp: 10889
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.1 27.1#
 176 19.8 14.7 22.1

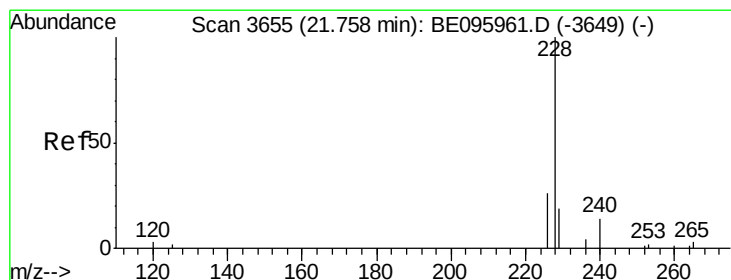
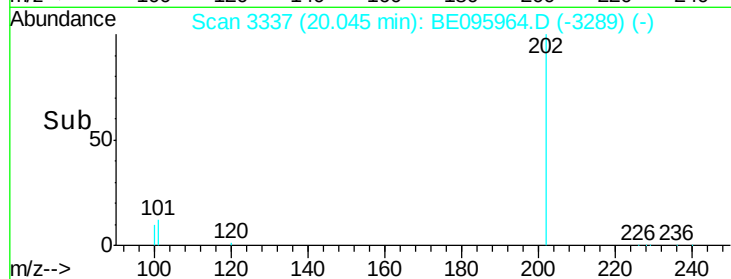
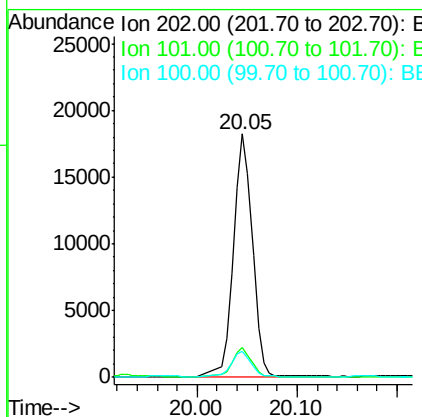
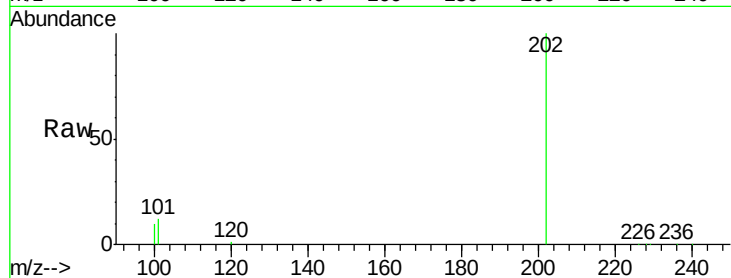




#17
 Pvrene
 Concen: 0.862 ng/ul
 RT: 20.05 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: BE095964.D
 Acq: 9 Apr 2018 13:14

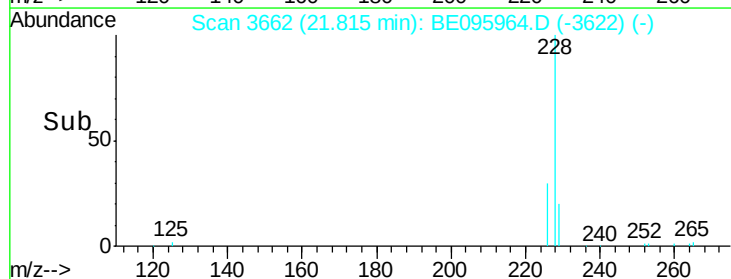
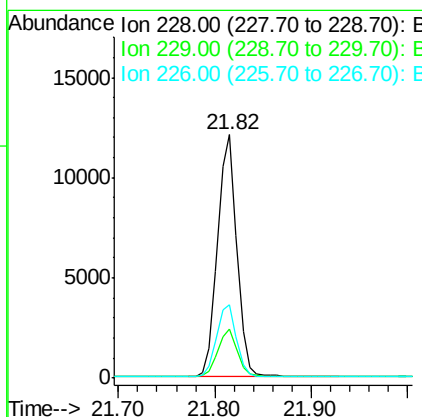
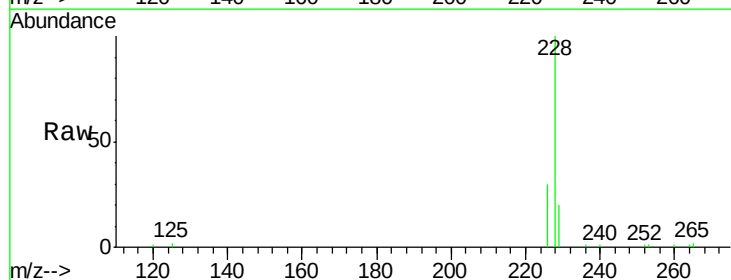
Instrument :
 BNA_E
 ClientSampleId :

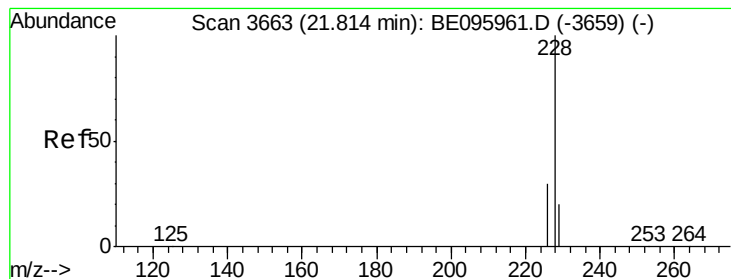
Tot Ion:202 Resp: 26203
 Ion Ratio Lower Upper
 202 100
 101 12.0 18.2 27.4#
 100 10.5 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.462 ng/ul
 RT: 21.82 min Scan# 3662
 Delta R.T. 0.06 min
 Lab File: BE095964.D
 Acq: 9 Apr 2018 13:14

Tgt Ion:228 Resp: 16699
 Ion Ratio Lower Upper
 228 100
 229 20.3 22.8 34.2#
 226 30.3 17.0 25.6#





#19

Chrysene

Concen: 0.645 ng/ul

RT: 21.82 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE095964.D

Acq: 9 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

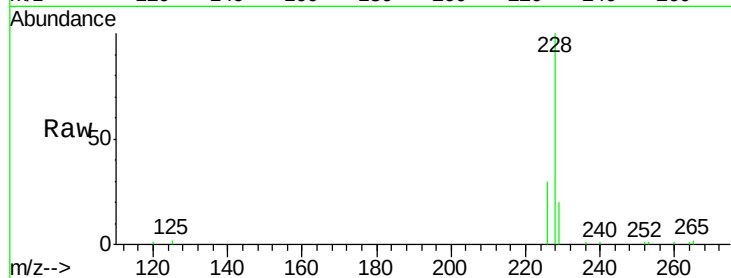
Tot Ion:228 Resp: 16778

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

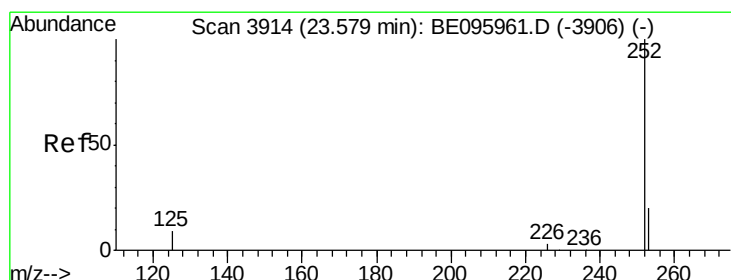
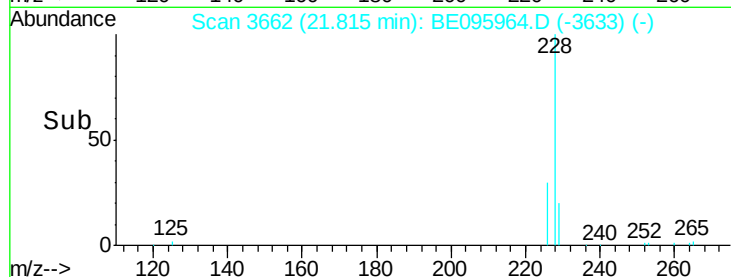
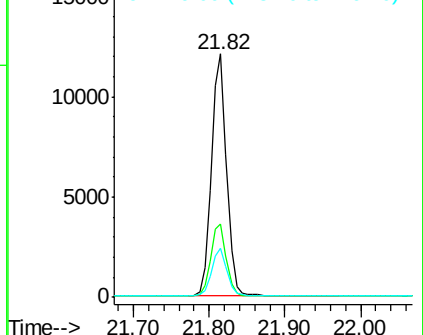
229 20.3 17.7 26.5



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: 0.829 ng/ul

RT: 23.58 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BE095964.D

Acq: 9 Apr 2018 13:14

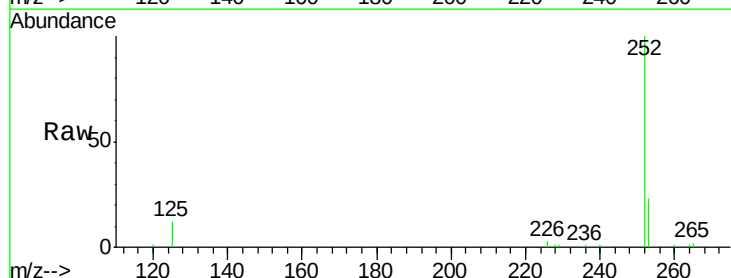
Tgt Ion:252 Resp: 19283

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

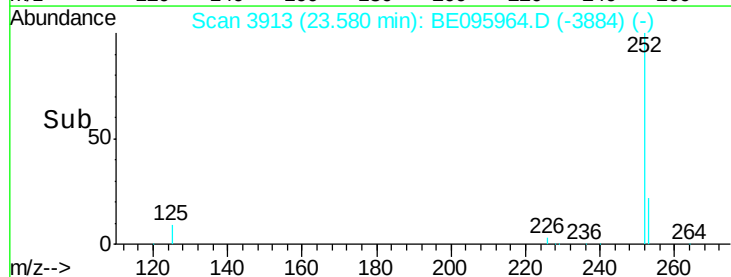
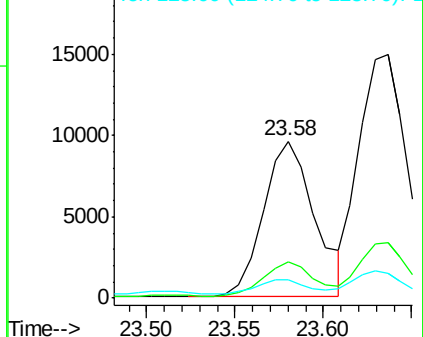
125 11.7 0.0 35.0

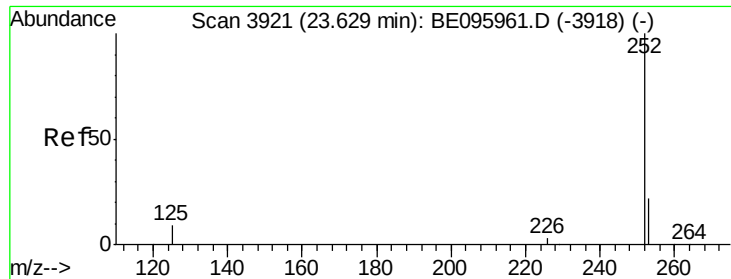


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

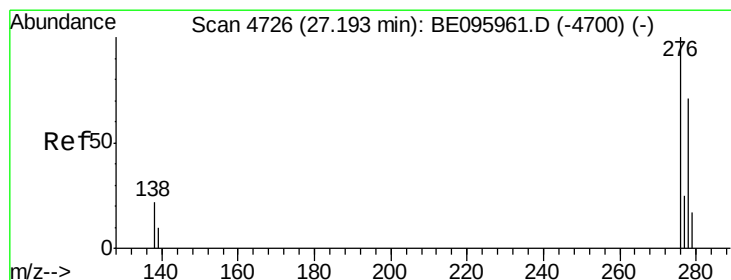
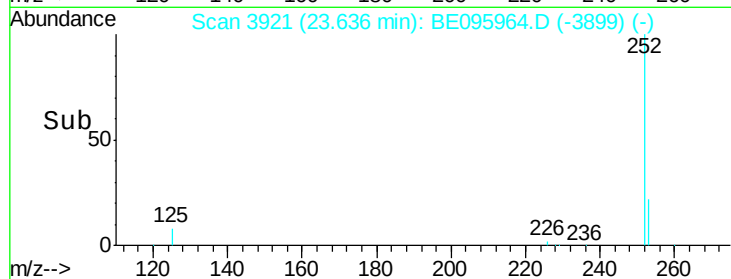
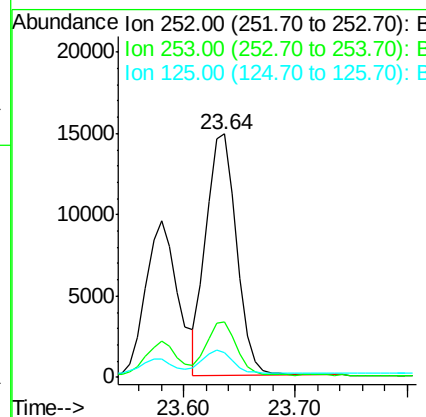
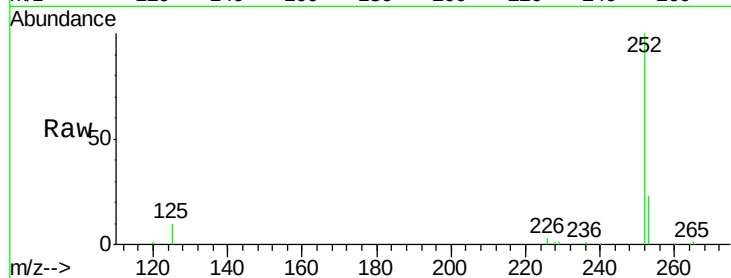




#22
Benzo(k)fluoranthene
Concen: 1.221 ng/ul
RT: 23.64 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BE095964.D
Acq: 9 Apr 2018 13:14

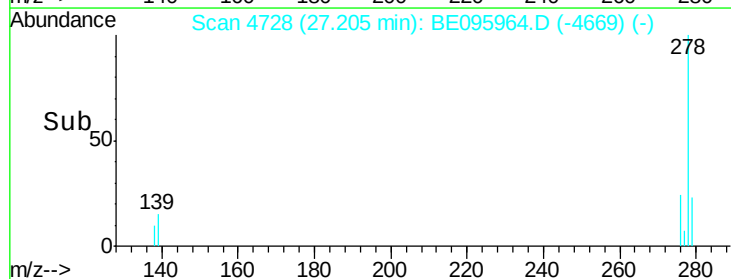
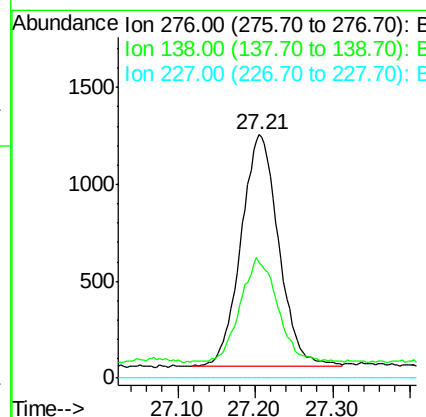
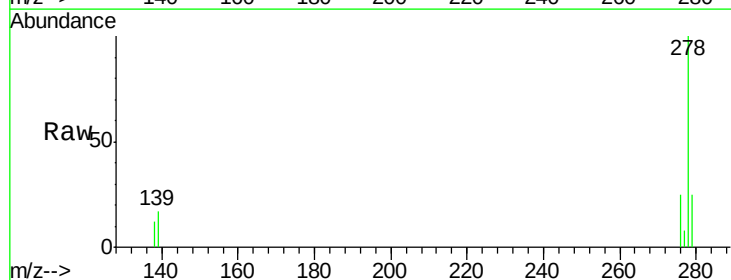
Instrument :
BNA_E
ClientSampleId :

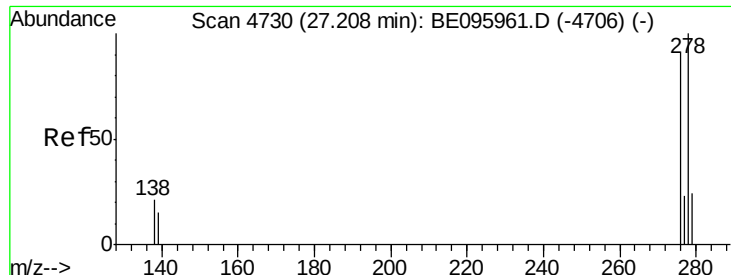
Tot Ion:252 Resp: 28289
Ion Ratio Lower Upper
252 100
253 22.6 24.5 36.7#
125 10.1 13.7 20.5#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 27.21 min Scan# 4728
Delta R.T. 0.01 min
Lab File: BE095964.D
Acq: 9 Apr 2018 13:14

Tgt Ion:276 Resp: 4027
Ion Ratio Lower Upper
276 100
138 45.6 28.0 42.0#
227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.845 ng/ul

RT: 27.21 min Scan# 4728

Delta R.T. -0.00 min

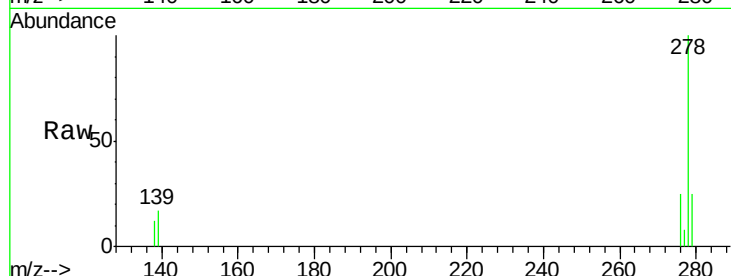
Lab File: BE095964.D

Acq: 9 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :



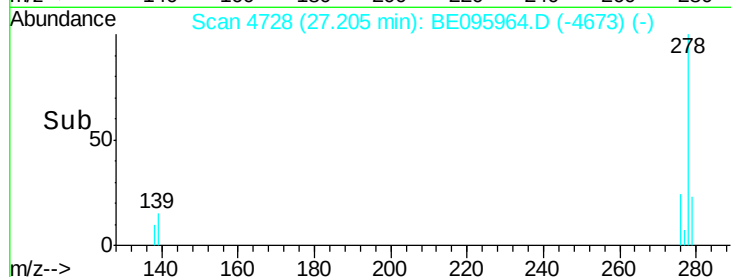
Tot Ion: 278 Resp: 16965

Ion Ratio Lower Upper

278 100

139 17.1 17.4 26.0#

279 24.7 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

