

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
 Data File : BE095573.D
 Acq On : 8 Feb 2018 17:31
 Operator : SJ/JU
 Sample : J1315-20RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 09 01:47:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 01:31:22 2018
 Response via : Initial Calibration

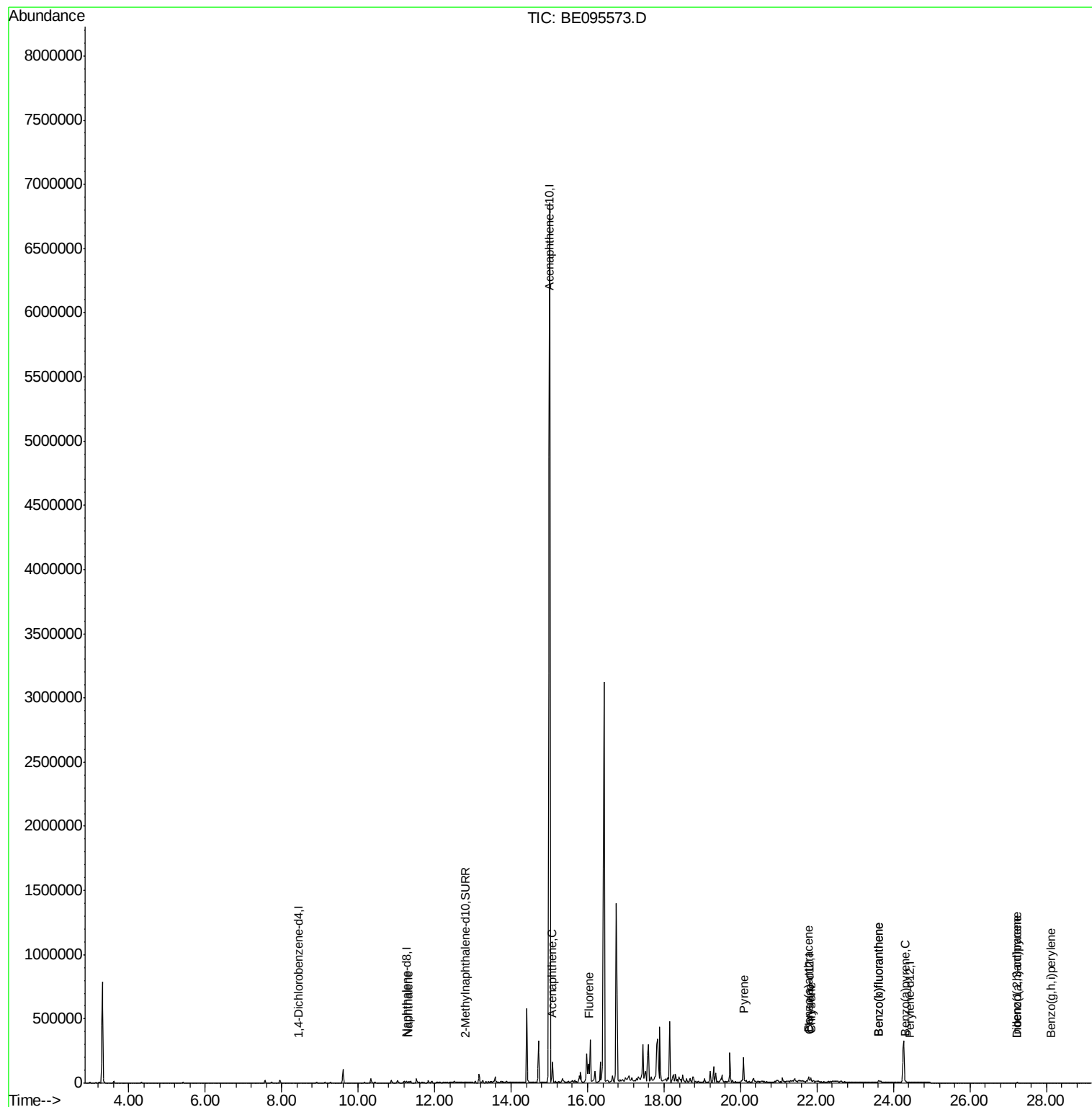
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1772	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5256	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	263780	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	6188	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7449	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3296	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9131	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	5825	0.396	ng/ul#	1
8) Acenaphthene	15.08	153	98585	0.100	ng/ul	93
9) Fluorene	16.03	166	159526	0.157	ng/ul#	80
17) Pyrene	20.08	202	219695	10.580	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	40726	2.105	ng/ul#	90
19) Chrysene	21.84	228	34507	1.718	ng/ul#	91
21) Benzo(b)fluoranthene	23.62	252	34041	1.295	ng/ul	91
22) Benzo(k)fluoranthene	23.62	252	34041	1.416	ng/ul	93
23) Benzo(a)pyrene	24.32	252	17369	0.740	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.23	276	5774	0.224	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.24	278	1462	0.069	ng/ul#	15
26) Benzo(g,h,i)perylene	28.11	276	3889	0.178	ng/ul#	78

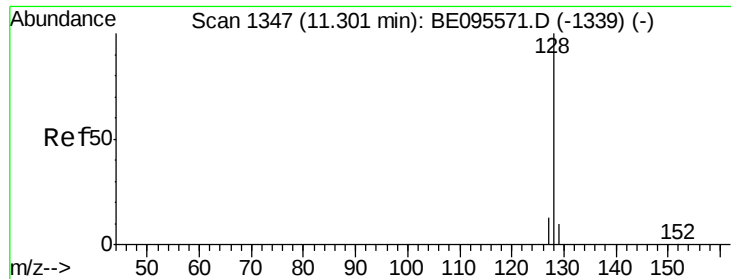
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
Data File : BE095573.D
Acq On : 8 Feb 2018 17:31
Operator : SJ/JU
Sample : J1315-20RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 01:47:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 01:31:22 2018
Response via : Initial Calibration

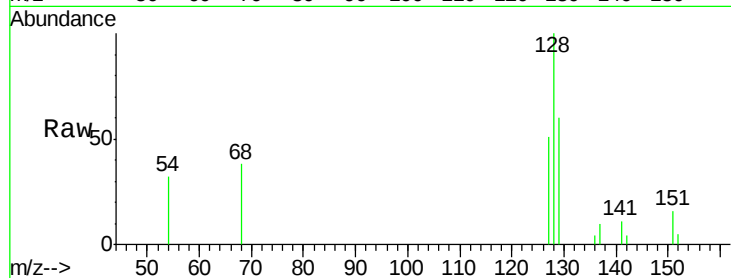




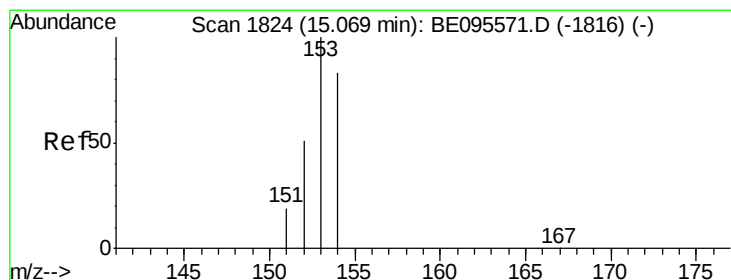
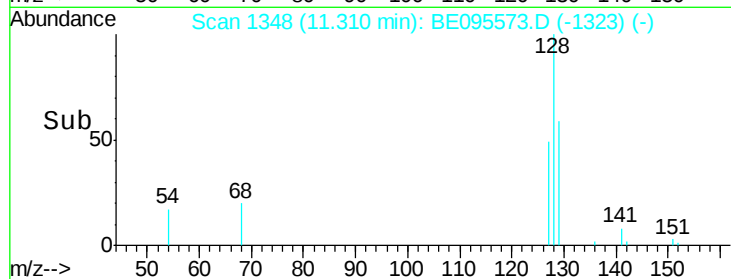
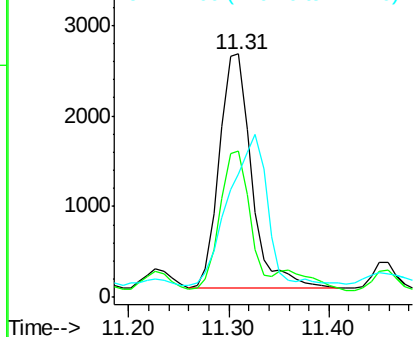
#3
Naphthalene
Concen: 0.396 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 5825
Ion Ratio Lower Upper
128 100
129 60.2 11.3 16.9#
127 50.8 4.0 6.0#

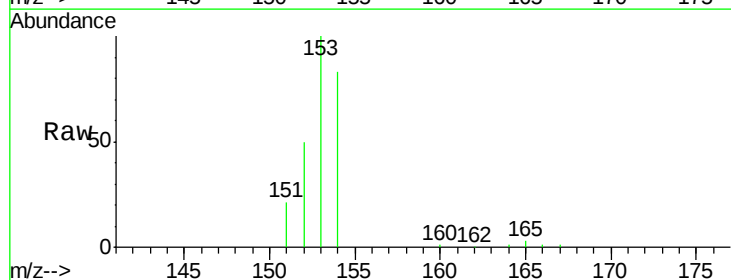


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

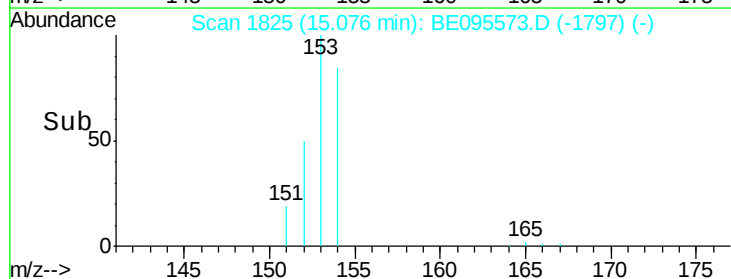
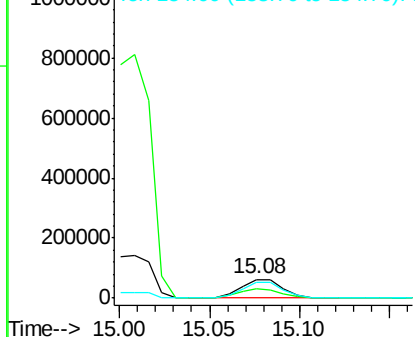


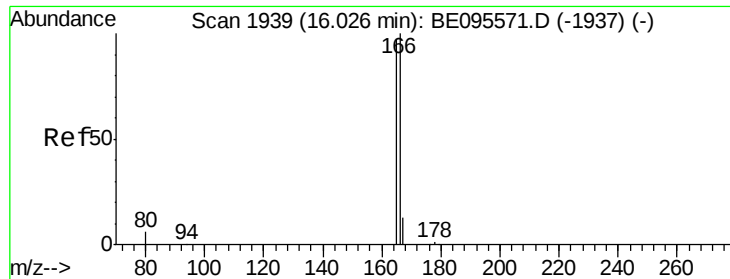
#8
Acenaphthene
Concen: 0.100 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Tgt Ion:153 Resp: 98585
Ion Ratio Lower Upper
153 100
152 50.1 36.0 54.0
154 83.4 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: 0.157 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

ClientSampleId :

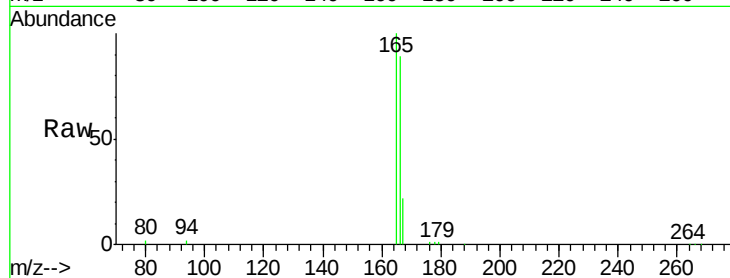
Tot Ion:166 Resp: 159526

Ion Ratio Lower Upper

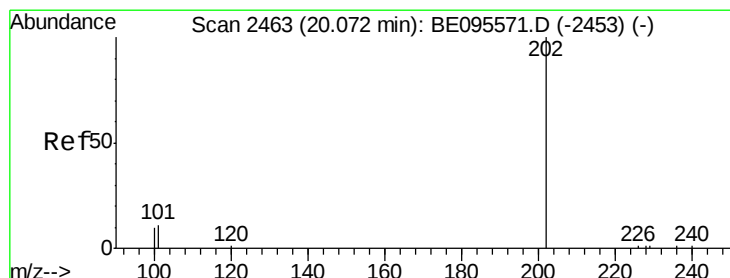
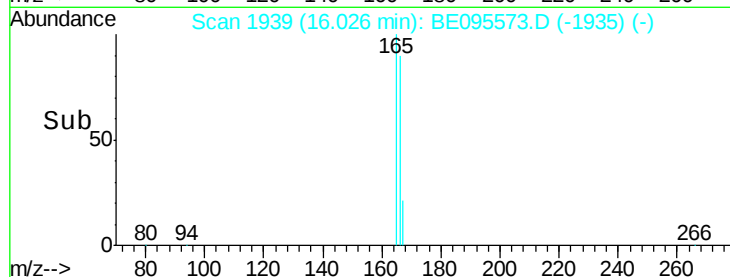
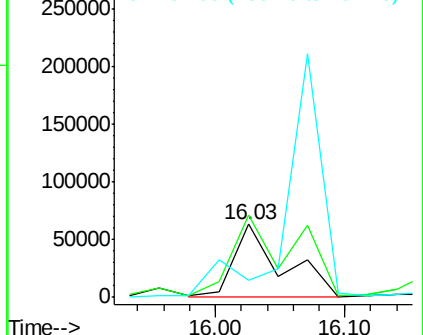
166 100

165 112.5 73.4 110.2#

167 24.2 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: 10.580 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

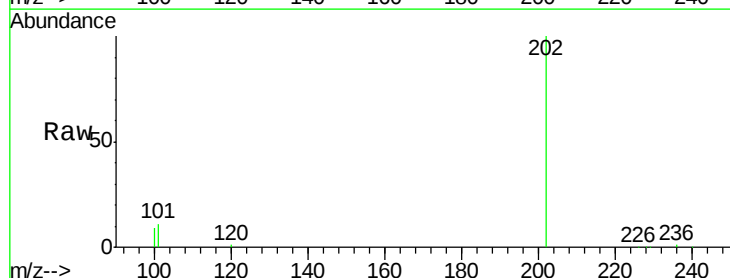
Tgt Ion:202 Resp: 219695

Ion Ratio Lower Upper

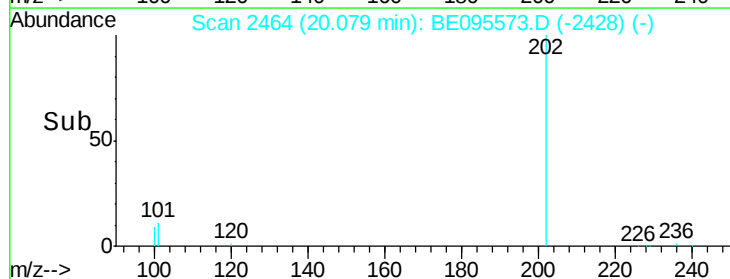
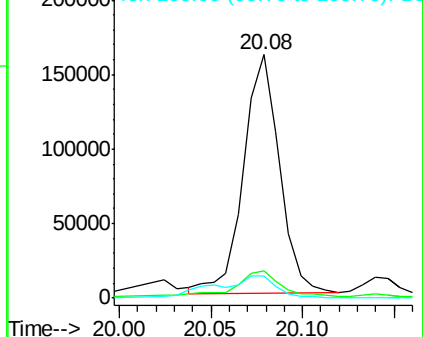
202 100

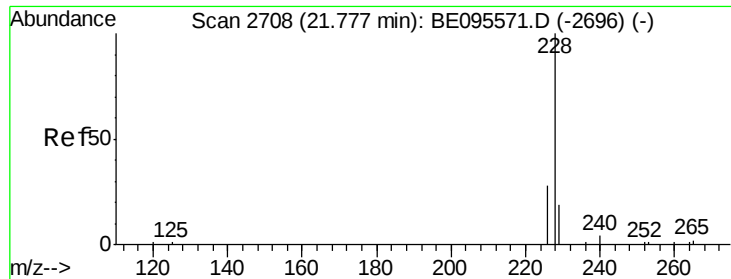
101 11.3 18.2 27.4#

100 9.3 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

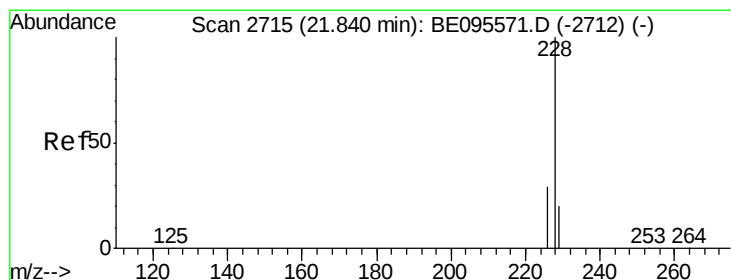
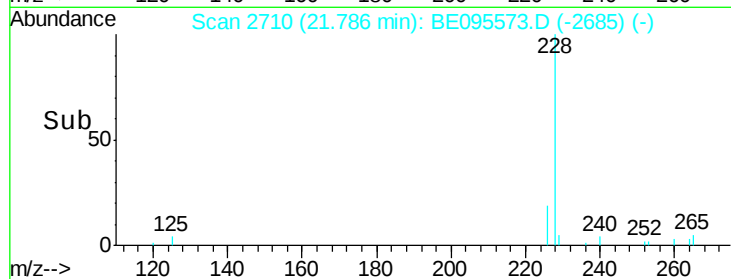
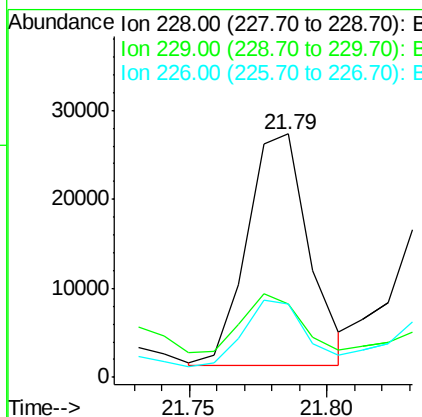
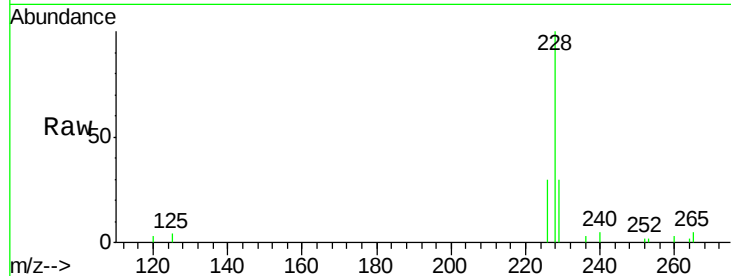




#18
Benzo(a)anthracene
Concen: 2.105 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.01 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

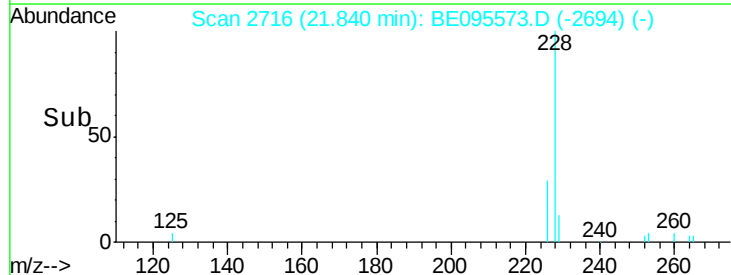
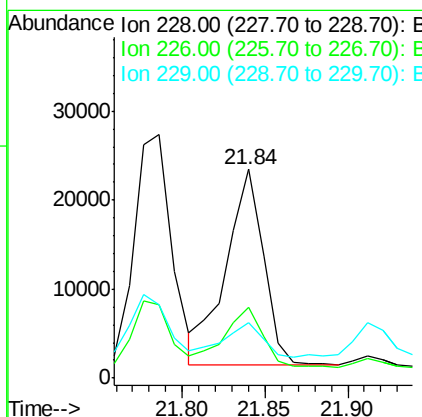
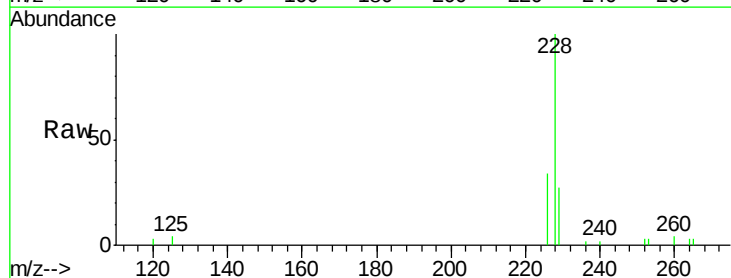
Instrument :
BNA_E
ClientSampleId :

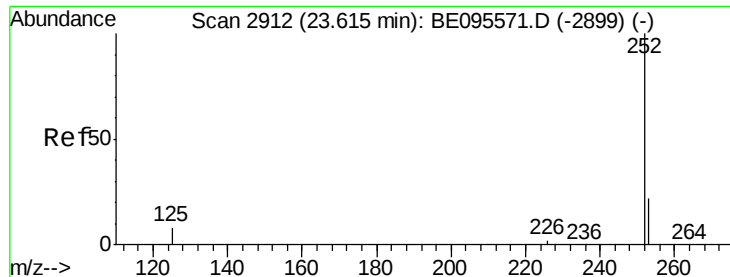
Tot Ion:228 Resp: 40726
Ion Ratio Lower Upper
228 100
229 30.2 22.8 34.2
226 30.2 17.0 25.6#



#19
Chrysene
Concen: 1.718 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Tgt Ion:228 Resp: 34507
Ion Ratio Lower Upper
228 100
226 33.9 23.4 35.0
229 26.5 17.7 26.5#

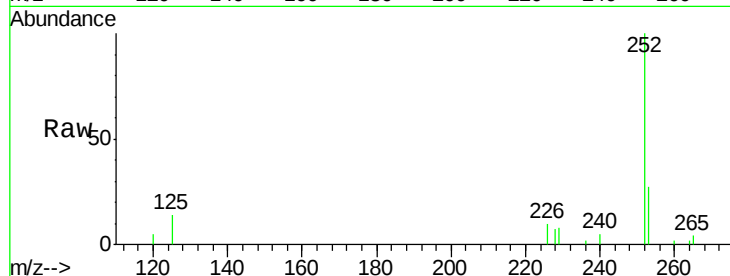




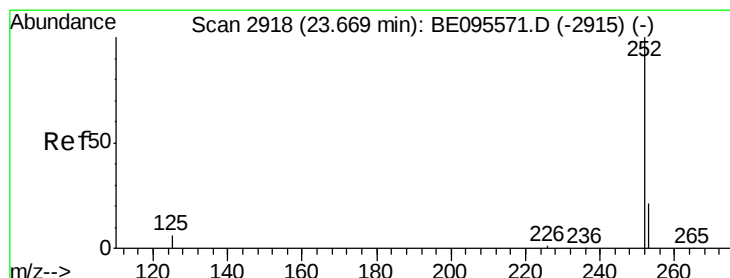
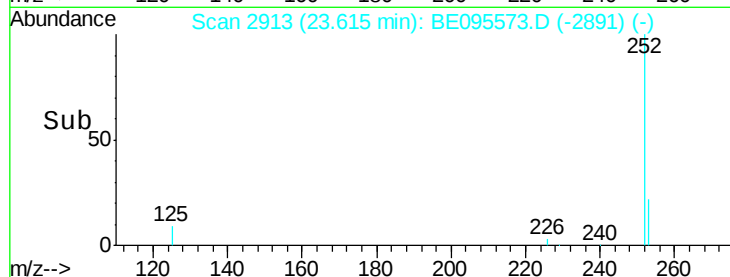
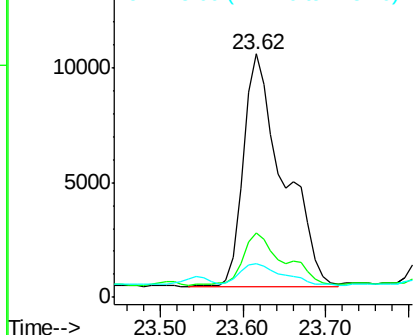
#21
Benzo(b)fluoranthene
Concen: 1.295 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 34041
Ion Ratio Lower Upper
252 100
253 26.6 0.0 64.2
125 14.0 0.0 35.0

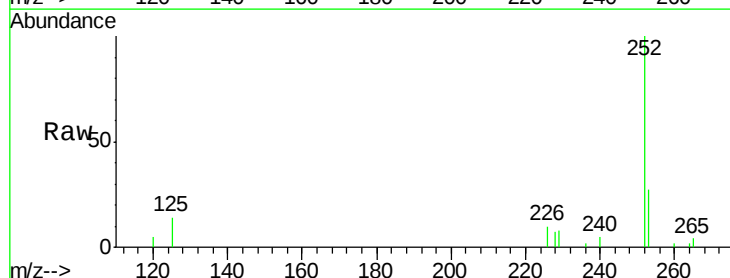


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

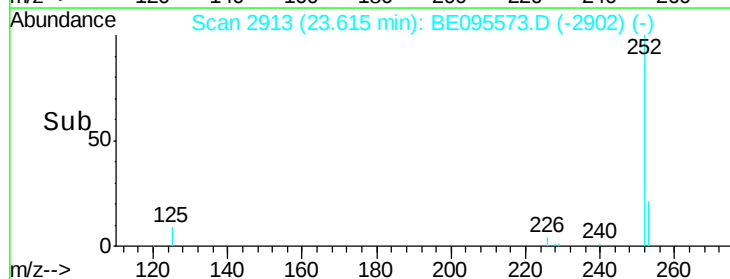
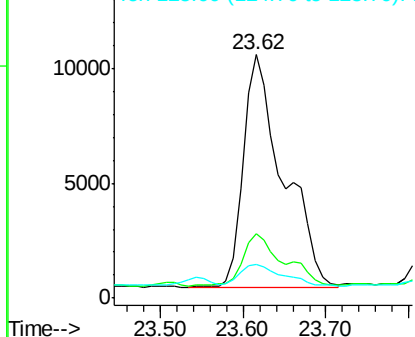


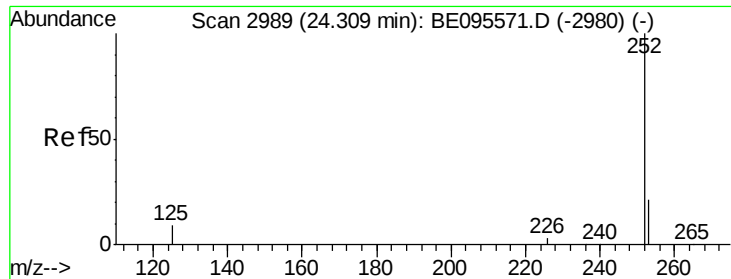
#22
Benzo(k)fluoranthene
Concen: 1.416 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. -0.05 min
Lab File: BE095573.D
Acq: 8 Feb 2018 17:31

Tgt Ion:252 Resp: 34041
Ion Ratio Lower Upper
252 100
253 26.6 24.5 36.7
125 14.0 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





#23

Benzo(a)pyrene

Concen: 0.740 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

ClientSampleId :

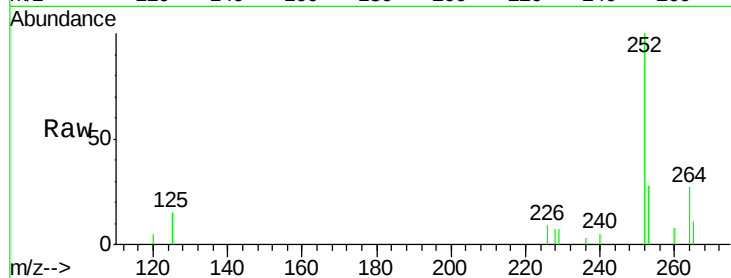
Tot Ion:252 Resp: 17369

Ion Ratio Lower Upper

252 100

253 27.8 28.5 42.7#

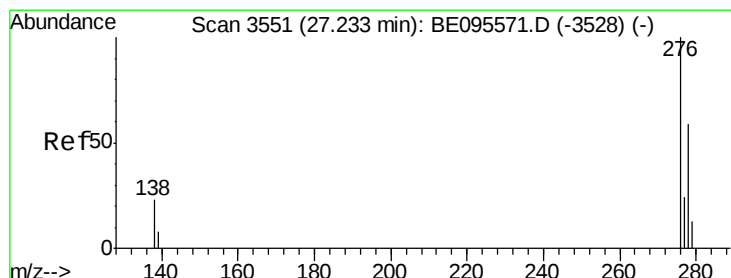
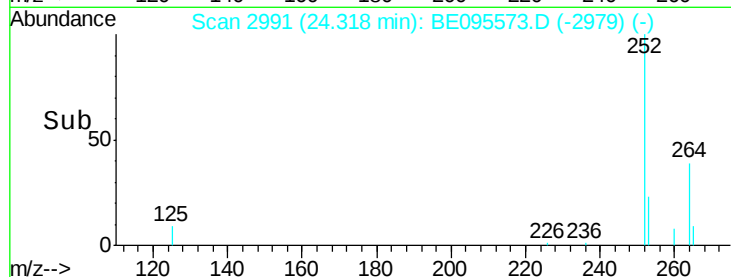
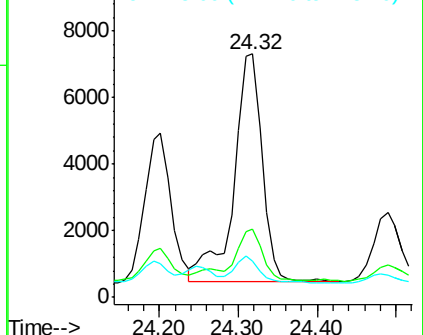
125 15.2 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.224 ng/ul

RT: 27.23 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

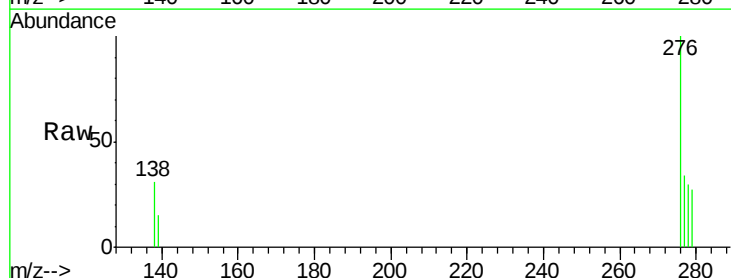
Tgt Ion:276 Resp: 5774

Ion Ratio Lower Upper

276 100

138 20.5 28.0 42.0#

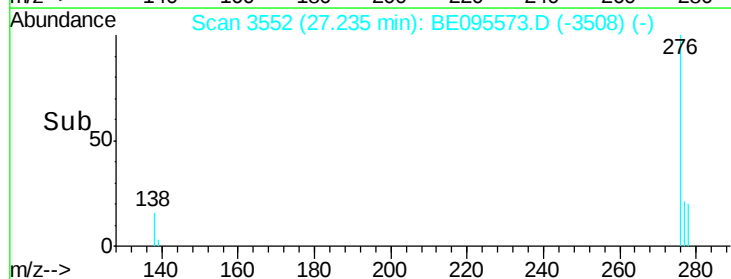
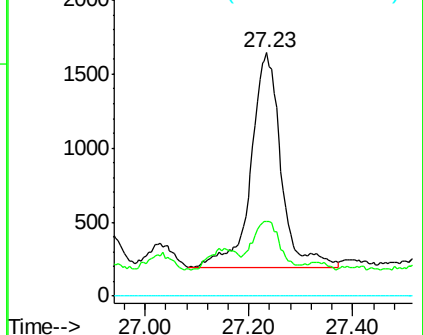
227 0.0 8.0 12.0#

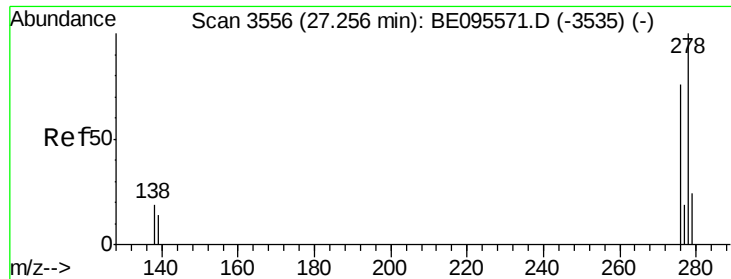


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.069 ng/u1

RT: 27.24 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

Instrument :

BNA_E

ClientSampleId :

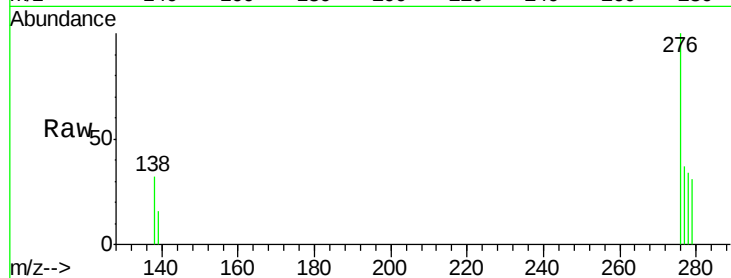
Tot Ion:278 Resp: 1462

Ion Ratio Lower Upper

278 100

139 48.4 17.4 26.0#

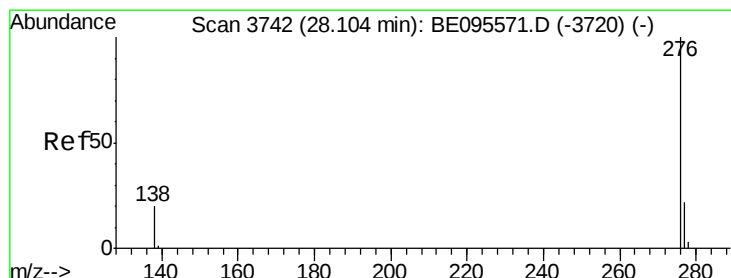
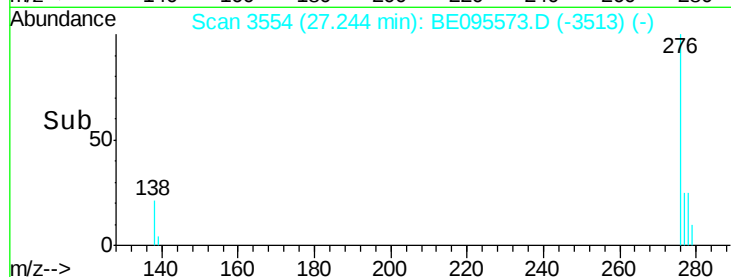
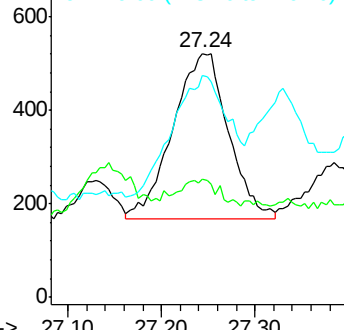
279 91.0 25.9 38.9#



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



#26

Benzo(g,h,i)perylene

Concen: 0.178 ng/u1

RT: 28.11 min Scan# 3744

Delta R.T. 0.01 min

Lab File: BE095573.D

Acq: 8 Feb 2018 17:31

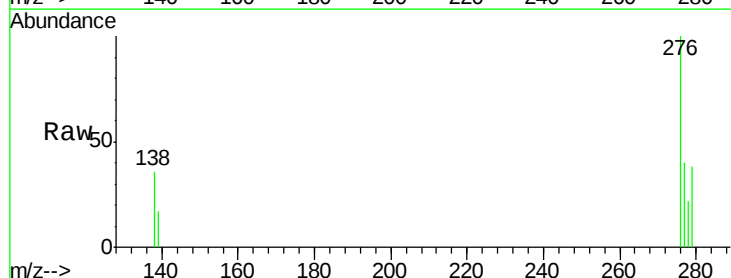
Tgt Ion:276 Resp: 3889

Ion Ratio Lower Upper

276 100

138 35.6 21.8 32.8#

277 40.2 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

