

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095894.D
 Acq On : 29 Mar 2018 1:29
 Operator : SJ/JU
 Sample : J2060-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:45:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 04:43:20 2018
 Response via : Initial Calibration

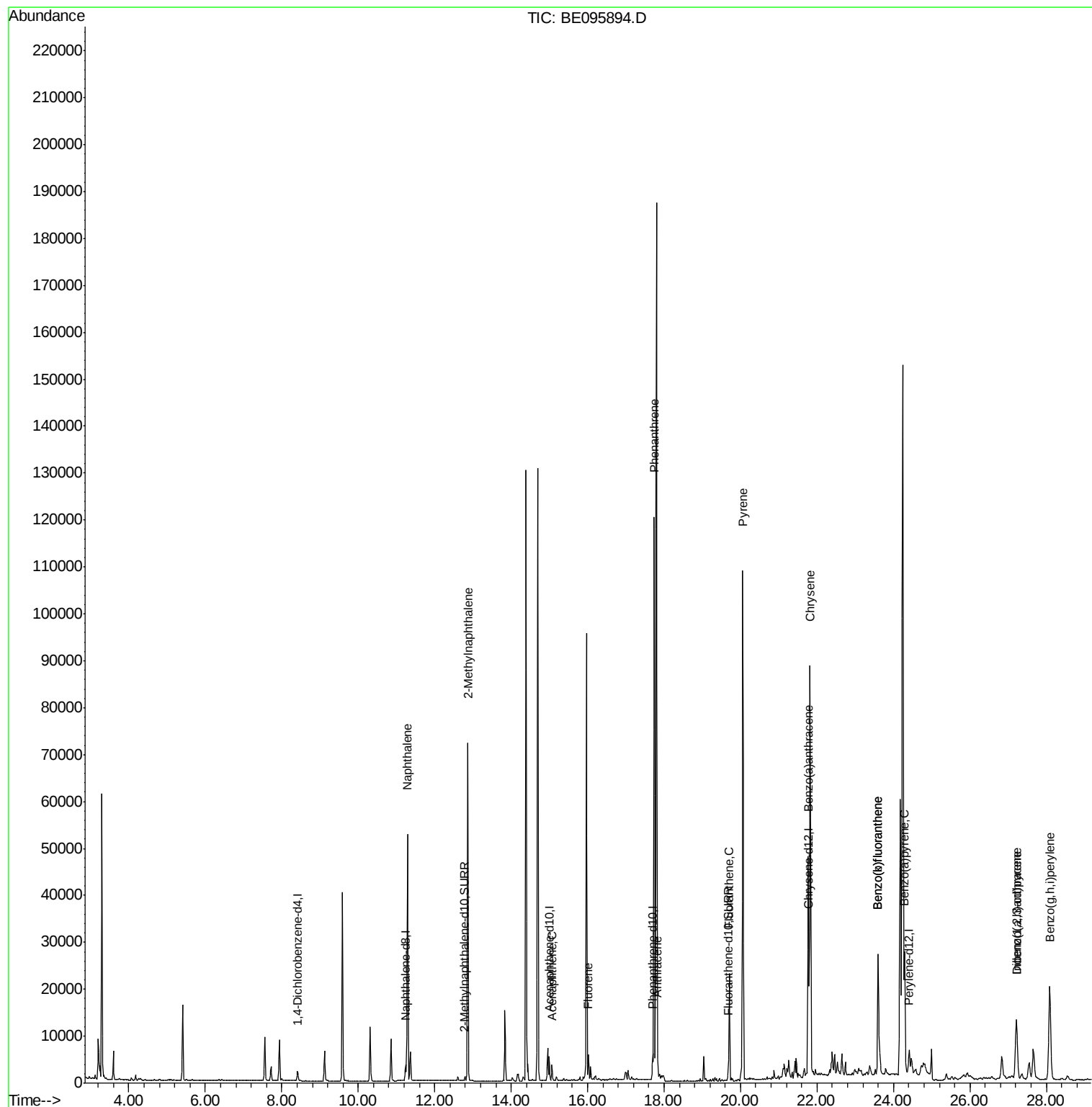
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1666	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4605	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	2853	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6927	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7306	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	8265	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	1078	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	3537	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	72249	5.620	ng/ul#	87
5) 2-Methylnaphthalene	12.87	142	59628	6.673	ng/ul	100
8) Acenaphthene	15.06	153	792	0.073	ng/ul#	35
9) Fluorene	16.02	166	3604	0.306	ng/ul	88
12) Phenanthrene	17.74	178	131476	6.338	ng/ul#	88
13) Anthracene	17.83	178	4329	0.223	ng/ul#	91
15) Fluoranthene	19.71	202	26240	1.044	ng/ul	83
17) Pyrene	20.06	202	139846	5.041	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	61288	2.600	ng/ul#	85
19) Chrysene	21.82	228	99699	4.154	ng/ul	96
21) Benzo(b)fluoranthene	23.60	252	49189	1.718	ng/ul	84
22) Benzo(k)fluoranthene	23.60	252	49197	1.808	ng/ul#	86
23) Benzo(a)pyrene	24.29	252	39344	1.505	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.22	276	18843	0.650	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.22	278	14484	0.625	ng/ul	96
26) Benzo(a,h,i)perylene	28.09	276	49690	1.996	ng/ul#	91

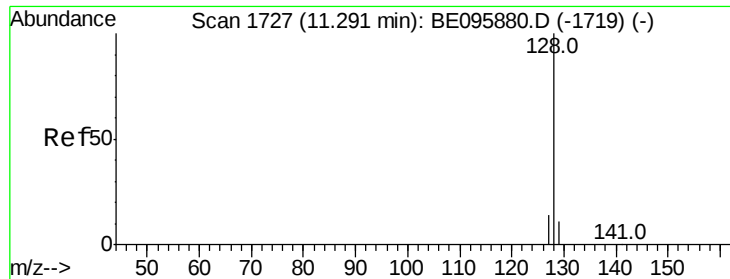
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095894.D
Acq On : 29 Mar 2018 1:29
Operator : SJ/JU
Sample : J2060-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 29 04:45:03 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 04:43:20 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 5.620 ng/ul

RT: 11.29 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

Instrument :

BNA_E

ClientSampleId :

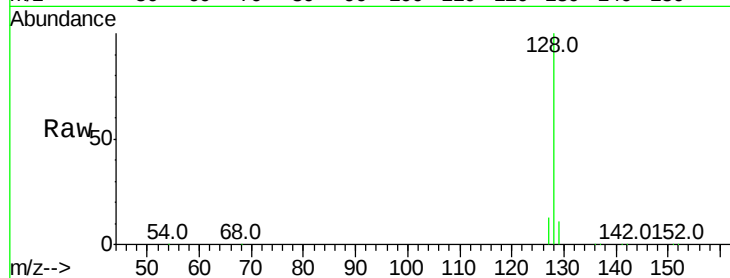
Tot Ion:128 Resp: 72249

Ion Ratio Lower Upper

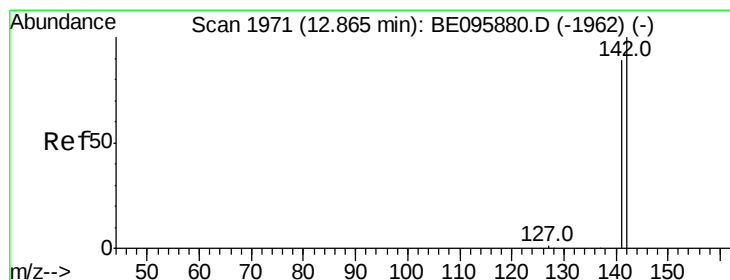
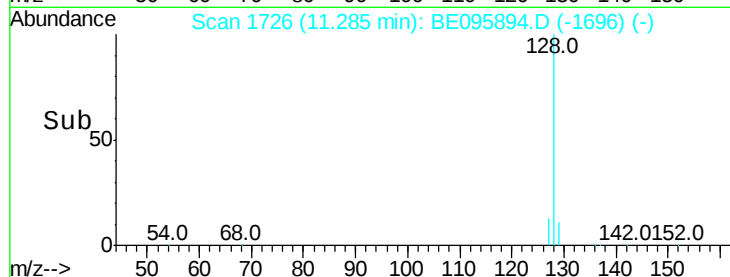
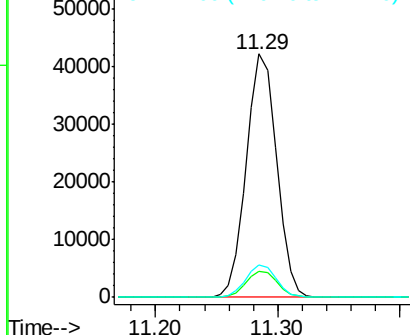
128 100

129 10.9 11.3 16.9#

127 13.5 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: 6.673 ng/ul

RT: 12.87 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BE095894.D

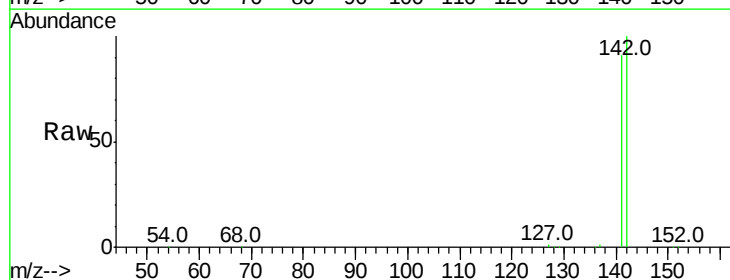
Acq: 29 Mar 2018 1:29

Tgt Ion:142 Resp: 59628

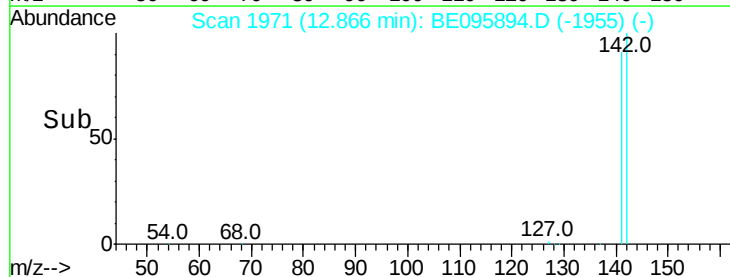
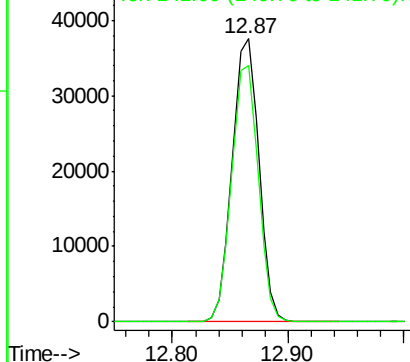
Ion Ratio Lower Upper

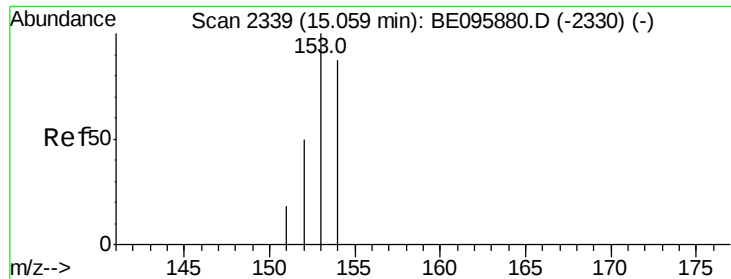
142 100

141 90.8 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: 0.073 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

Instrument :

BNA_E

ClientSampleId :

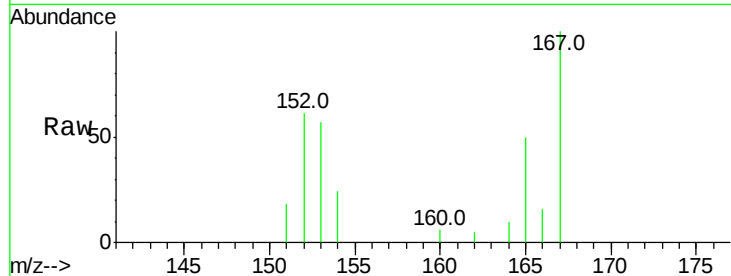
Tot Ion:153 Resp: 792

Ion Ratio Lower Upper

153 100

152 105.8 36.0 54.0#

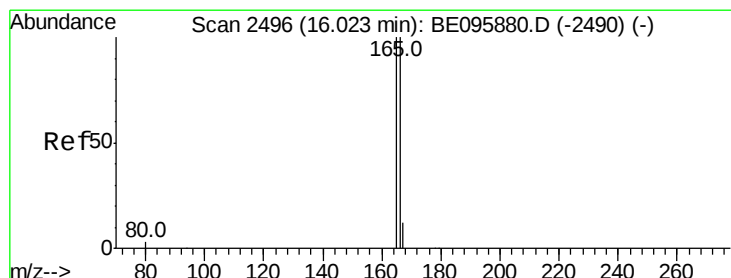
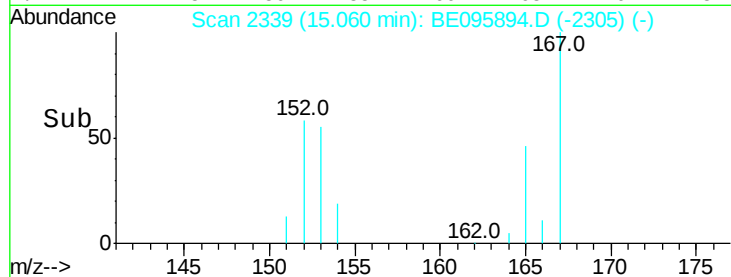
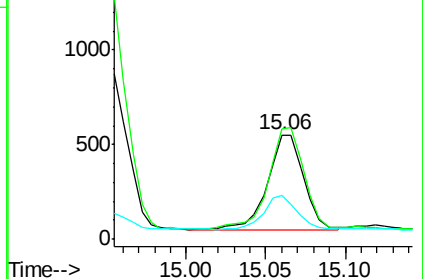
154 41.7 72.0 108.0#



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: 0.306 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

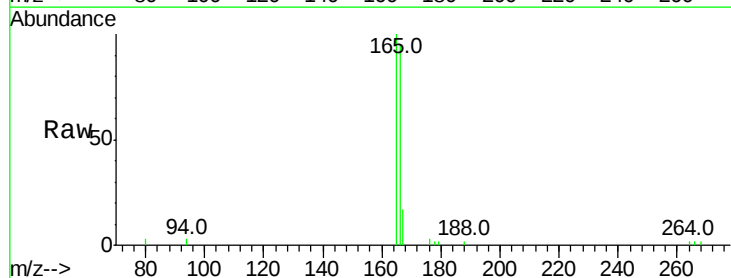
Tgt Ion:166 Resp: 3604

Ion Ratio Lower Upper

166 100

165 105.5 73.4 110.2

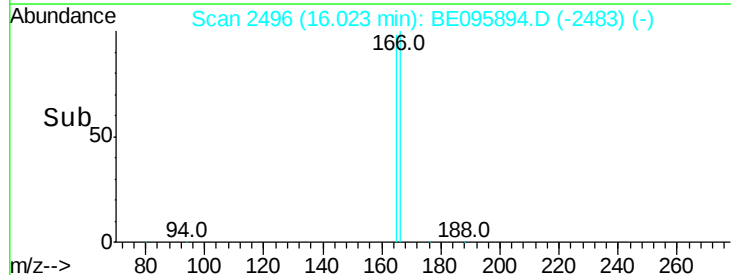
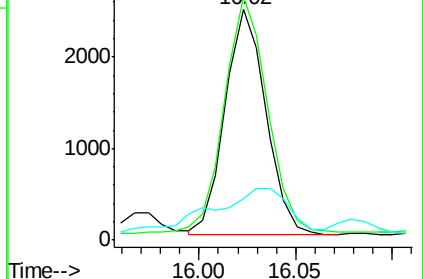
167 17.9 14.6 22.0

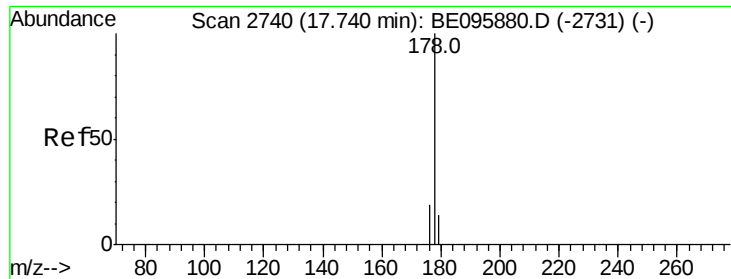


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

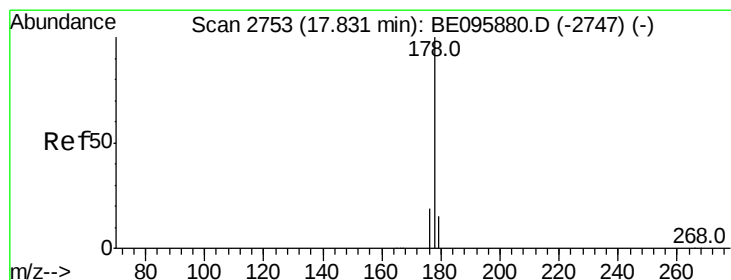
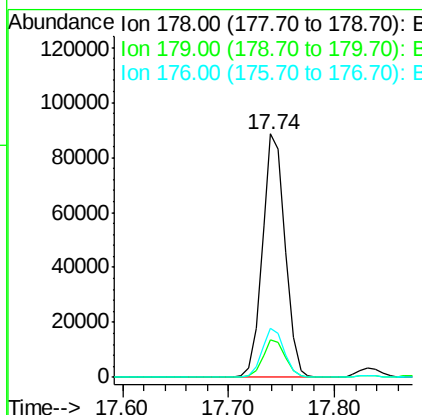
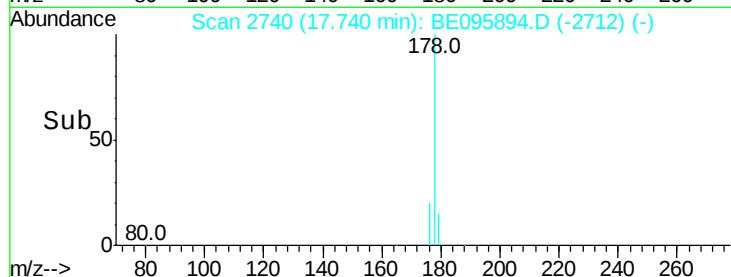
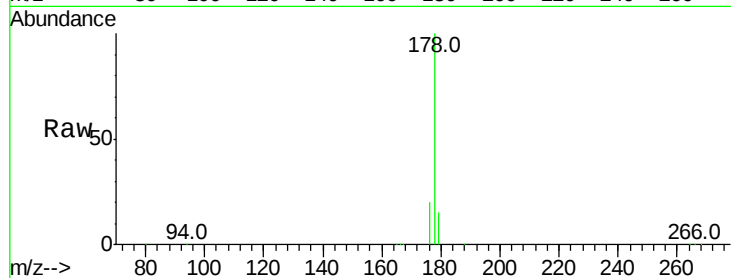




#12
Phenanthrene
Concen: 6.338 ng/ul
RT: 17.74 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BE095894.D
Acq: 29 Mar 2018 1:29

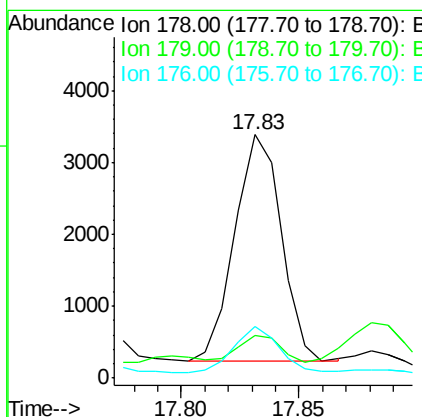
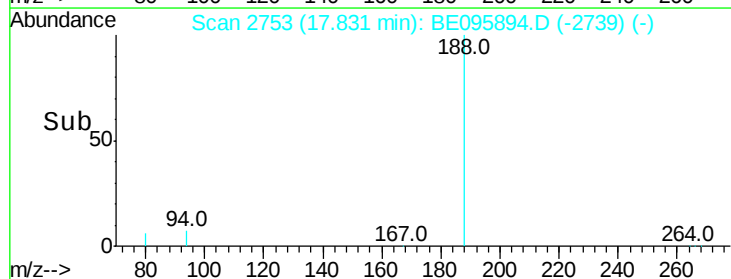
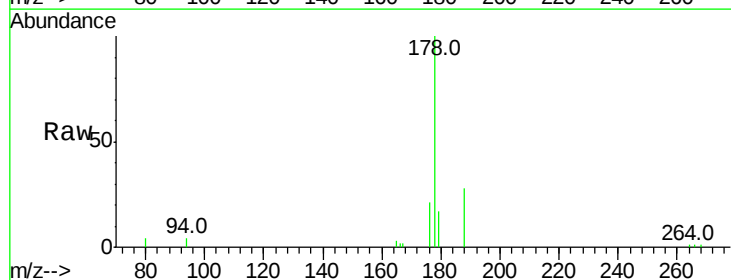
Instrument :
BNA_E
ClientSampleId :

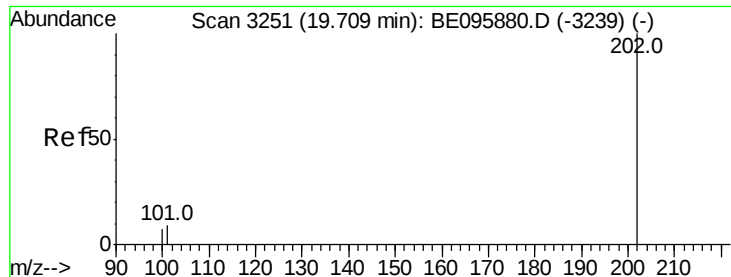
Tot Ion:178 Resp: 131476
Ion Ratio Lower Upper
178 100
179 15.2 18.4 27.6#
176 20.2 13.6 20.4



#13
Anthracene
Concen: 0.223 ng/ul
RT: 17.83 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BE095894.D
Acq: 29 Mar 2018 1:29

Tgt Ion:178 Resp: 4329
Ion Ratio Lower Upper
178 100
179 17.4 18.1 27.1#
176 21.2 14.7 22.1





#15

Fluoranthene

Concen: 1.044 ng/ul

RT: 19.71 min Scan# 3251

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

Instrument :

BNA_E

ClientSampleId :

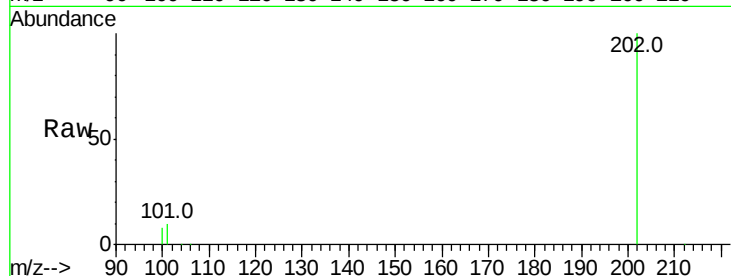
Tot Ion:202 Resp: 26240

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

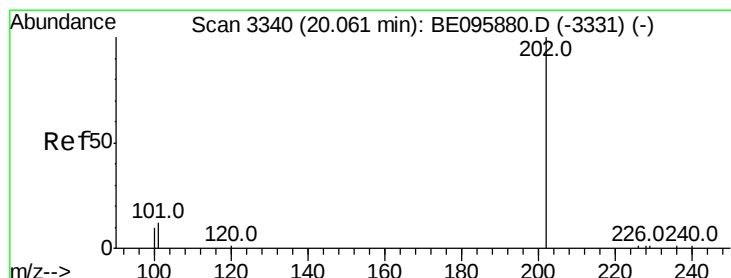
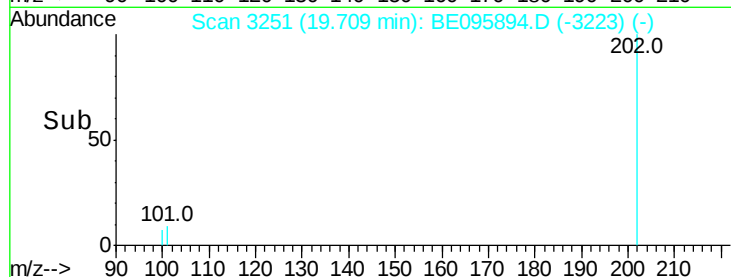
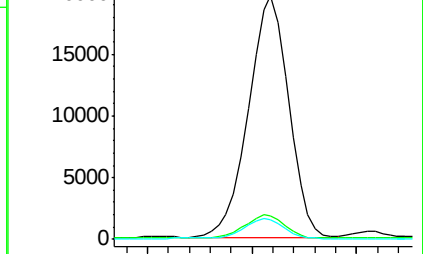
100 7.8 0.0 39.5



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: 5.041 ng/ul

RT: 20.06 min Scan# 3340

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

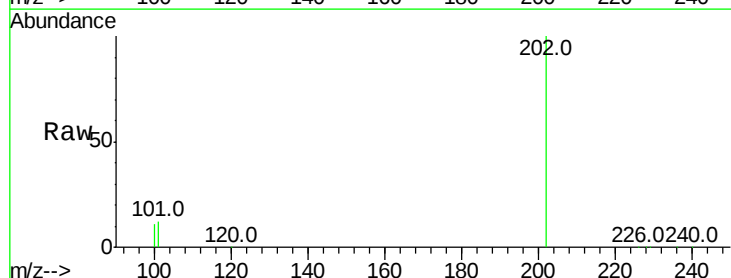
Tgt Ion:202 Resp: 139846

Ion Ratio Lower Upper

202 100

101 11.7 18.2 27.4#

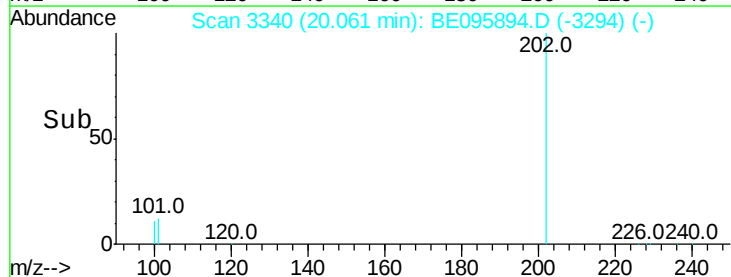
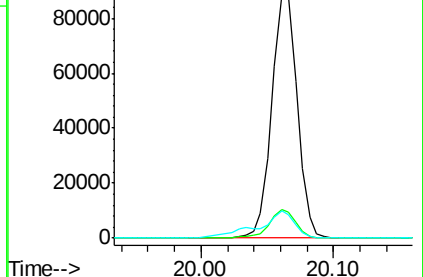
100 11.0 15.6 23.4#

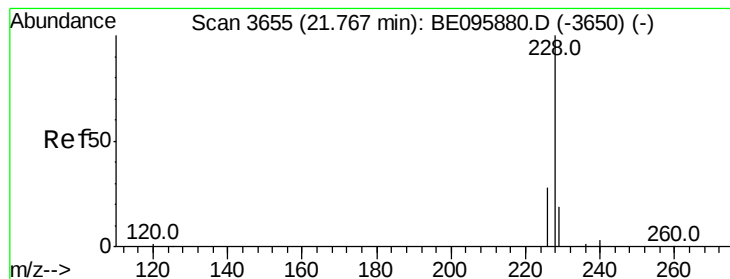


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 2.600 ng/ul

RT: 21.77 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

Instrument :

BNA_E

ClientSampleId :

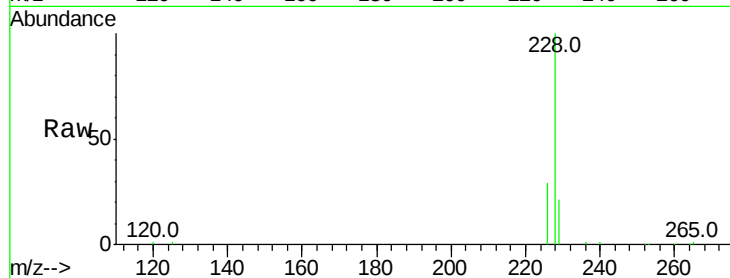
Tot Ion:228 Resp: 61288

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

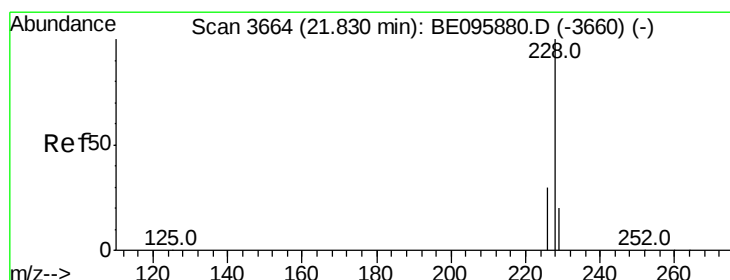
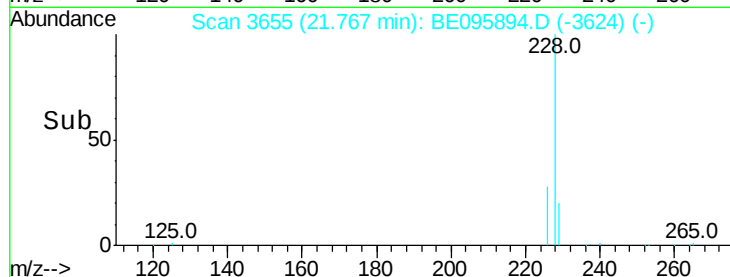
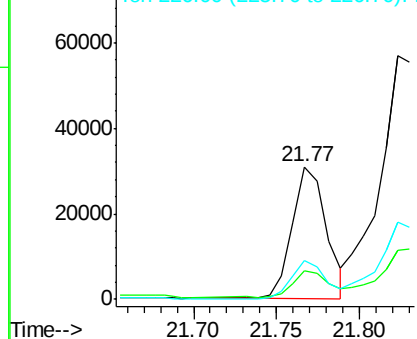
226 28.9 17.0 25.6#



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: 4.154 ng/ul

RT: 21.82 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

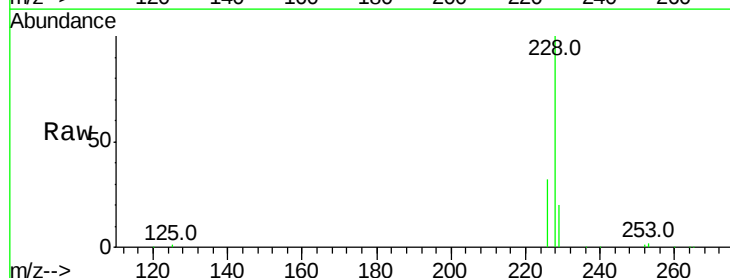
Tgt Ion:228 Resp: 99699

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

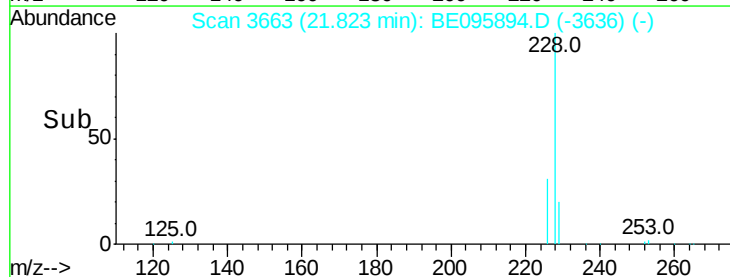
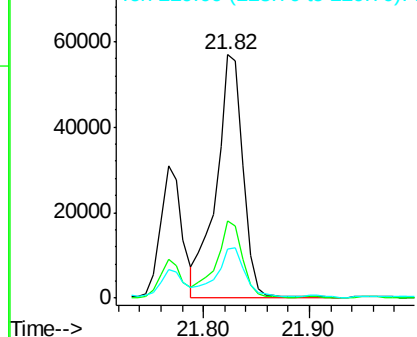
229 20.0 17.7 26.5

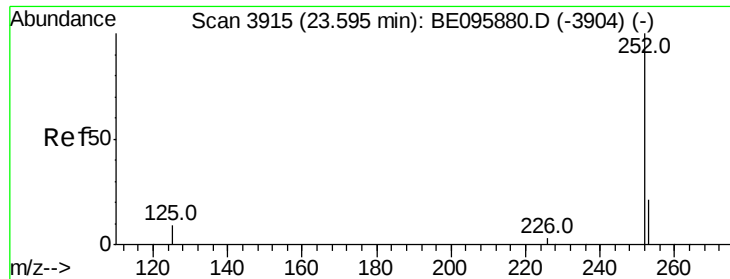


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.718 ng/ul

RT: 23.60 min Scan# 3915

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

Instrument :

BNA_E

ClientSampleId :

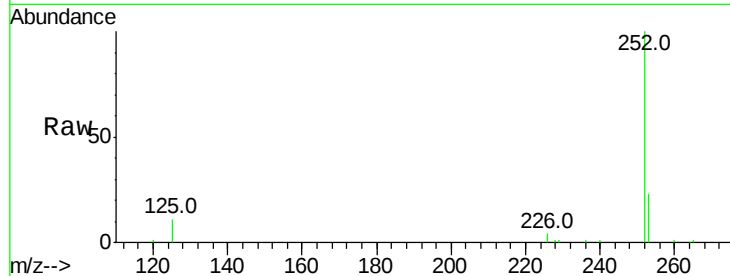
Tot Ion:252 Resp: 49189

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

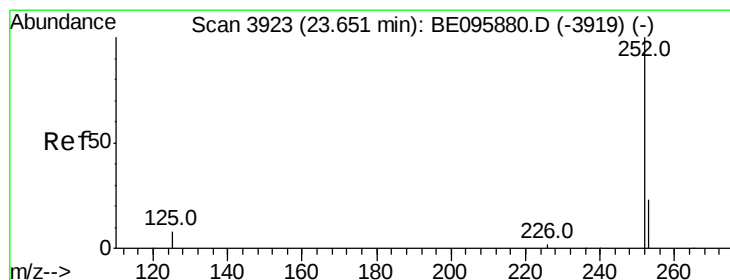
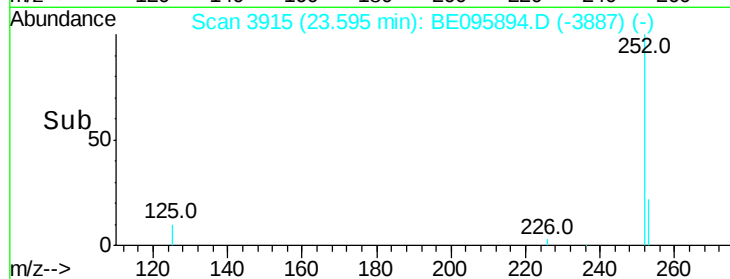
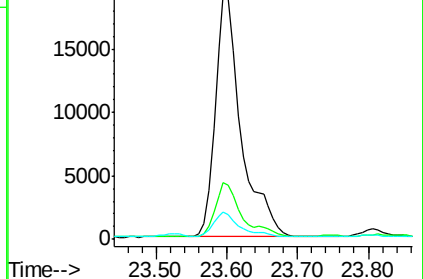
125 11.0 0.0 35.0



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: 1.808 ng/ul

RT: 23.60 min Scan# 3915

Delta R.T. -0.06 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

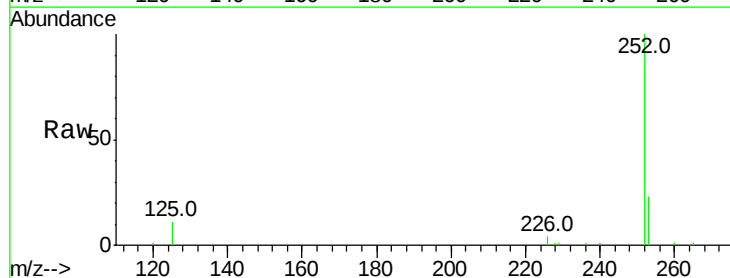
Tgt Ion:252 Resp: 49197

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

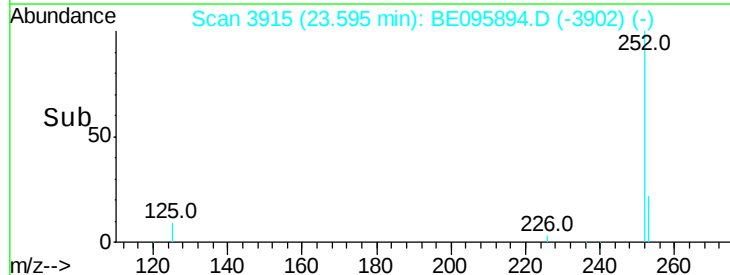
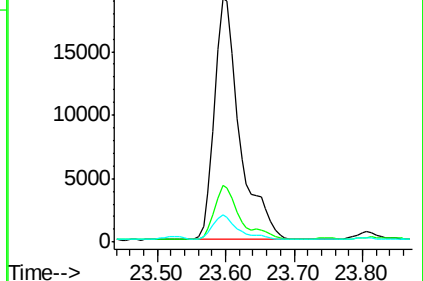
125 11.0 13.7 20.5#

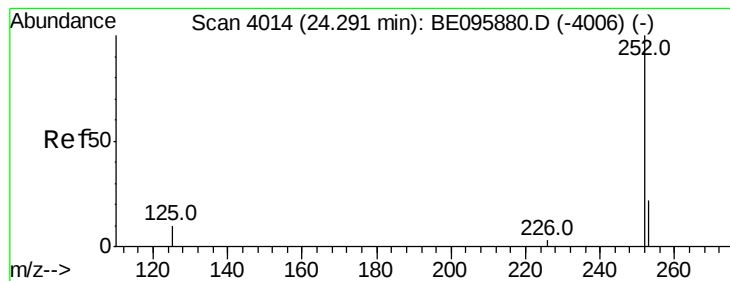


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.505 ng/ul

RT: 24.29 min Scan# 4014

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

Instrument :

BNA_E

ClientSampleId :

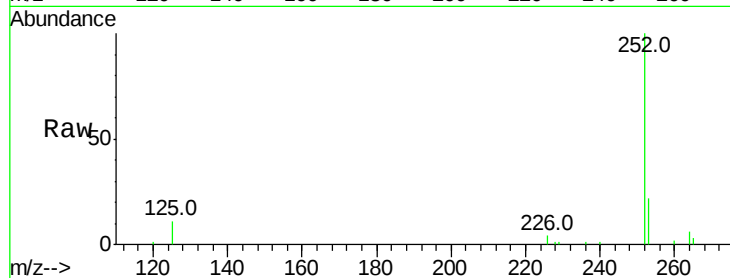
Tot Ion:252 Resp: 39344

Ion Ratio Lower Upper

252 100

253 22.3 28.5 42.7#

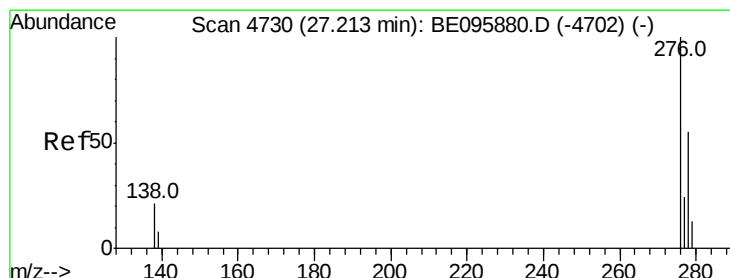
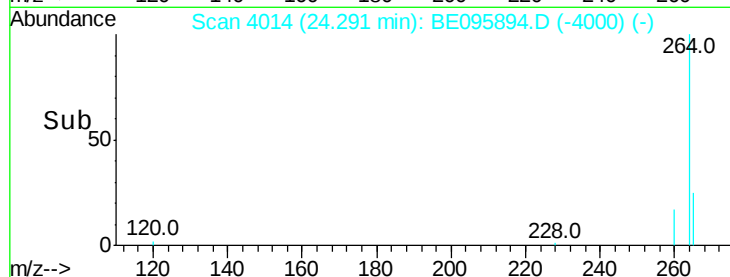
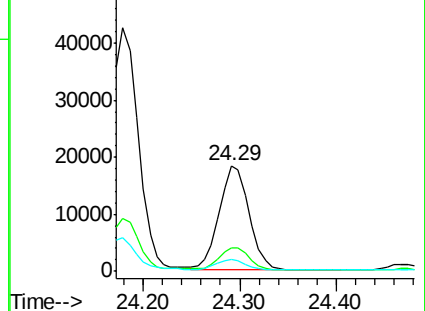
125 11.5 18.1 27.1#



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: 0.650 ng/ul

RT: 27.22 min Scan# 4731

Delta R.T. 0.00 min

Lab File: BE095894.D

Acq: 29 Mar 2018 1:29

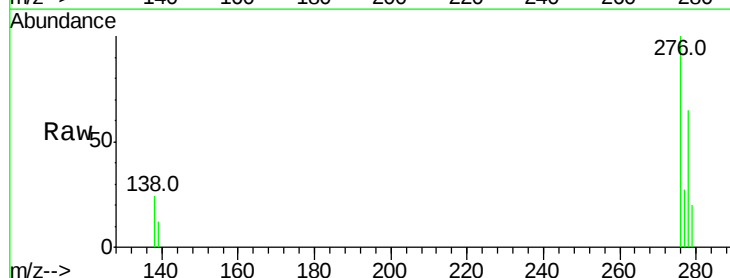
Tgt Ion:276 Resp: 18843

Ion Ratio Lower Upper

276 100

138 23.2 28.0 42.0#

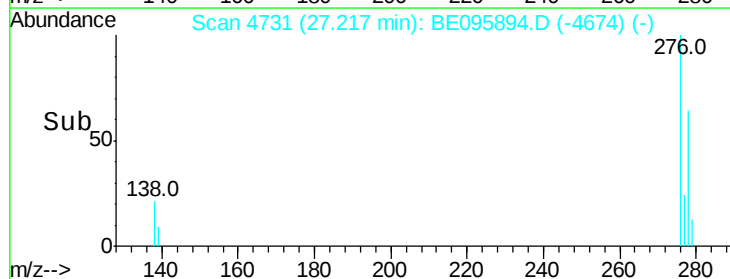
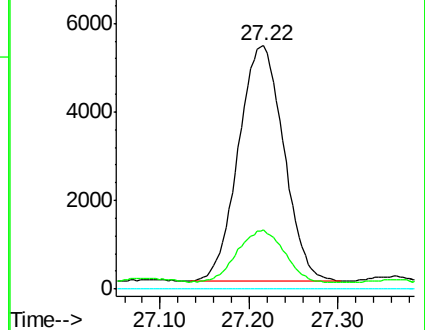
227 0.0 8.0 12.0#

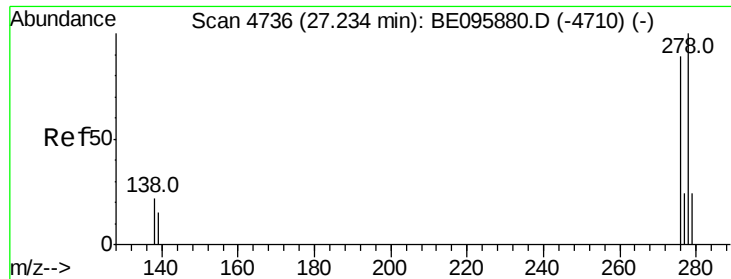


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

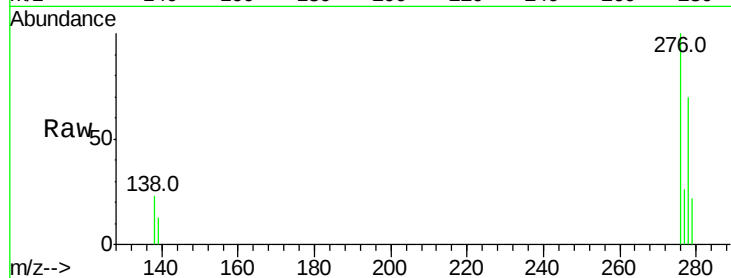




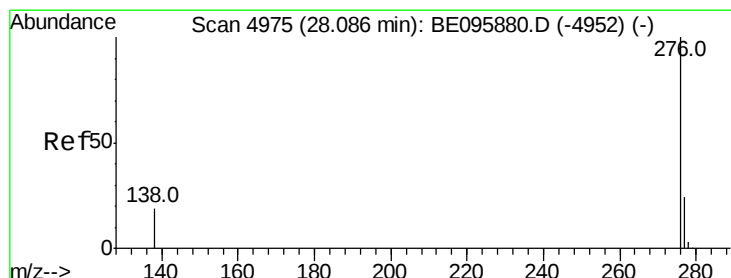
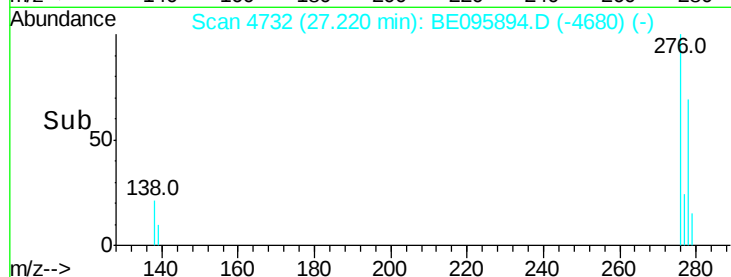
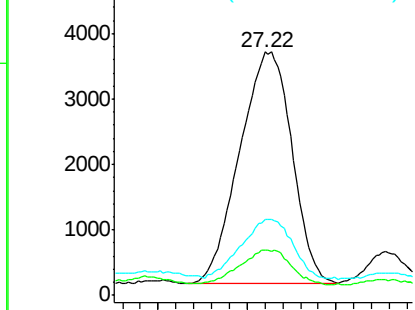
#25
Dibenzo(a,h)anthracene
Concen: 0.625 ng/ul
RT: 27.22 min Scan# 4732
Delta R.T. -0.01 min
Lab File: BE095894.D
Acq: 29 Mar 2018 1:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 14484
Ion Ratio Lower Upper
278 100
139 18.6 17.4 26.0
279 31.3 25.9 38.9

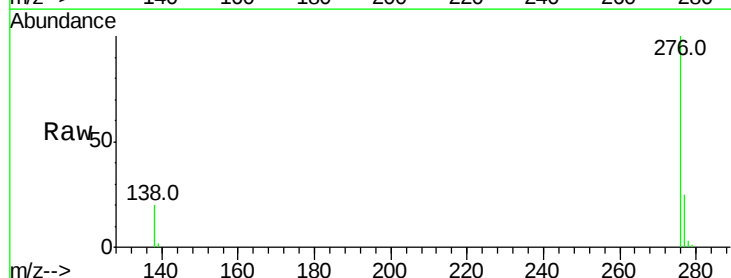


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.996 ng/ul
RT: 28.09 min Scan# 4975
Delta R.T. 0.00 min
Lab File: BE095894.D
Acq: 29 Mar 2018 1:29

Tgt Ion:276 Resp: 49690
Ion Ratio Lower Upper
276 100
138 19.6 21.8 32.8#
277 24.6 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

