

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
 Data File : BE095748.D
 Acq On : 13 Mar 2018 13:57
 Operator : SJ/JU
 Sample : SSTD0.209
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 16:25:10 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 13 16:24:15 2018
 Response via : Initial Calibration

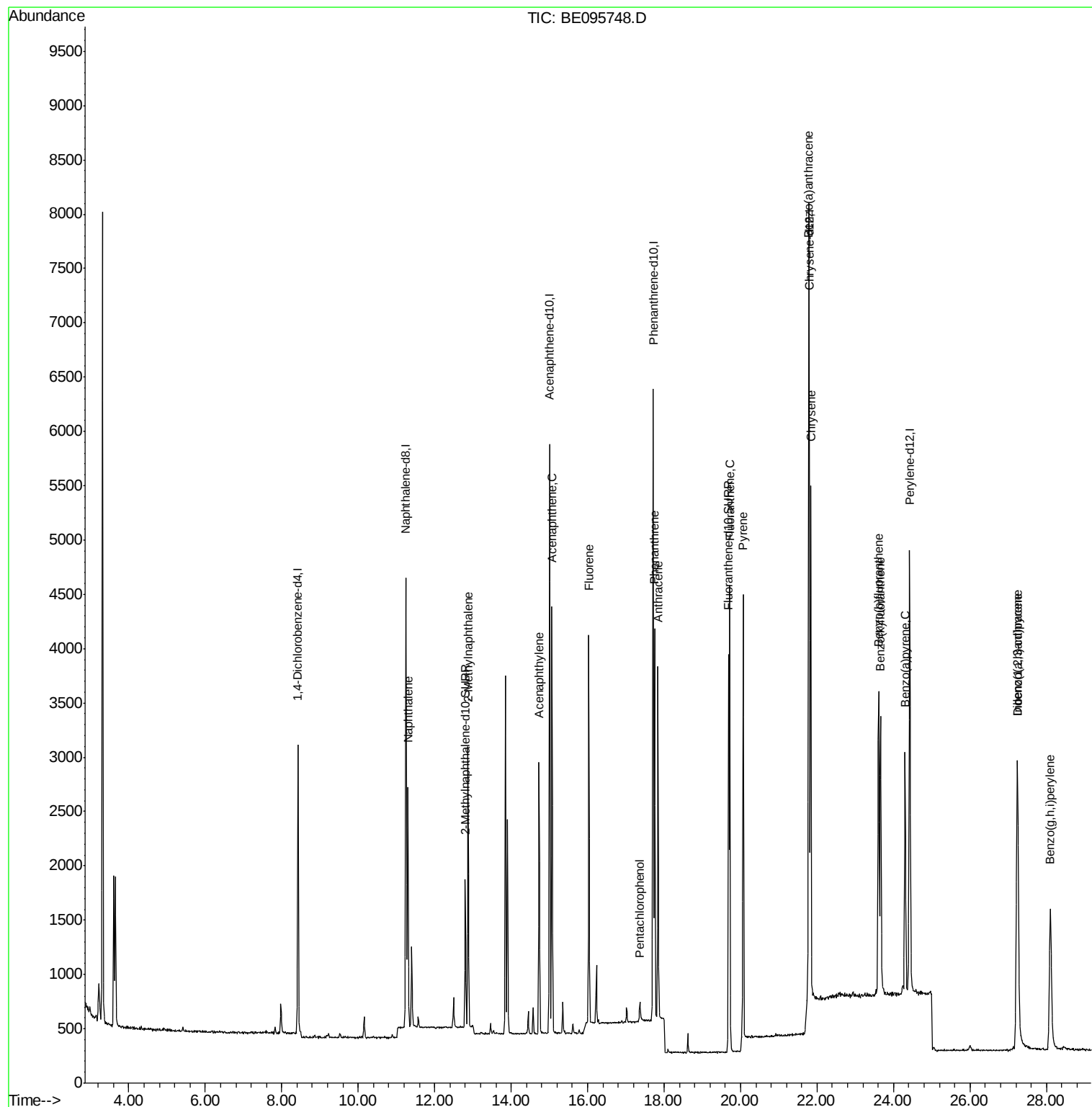
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1949	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5520	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3030	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6853	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6822	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6351	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	1786	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	4161	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	3017	0.195	ng/ul#	90
5) 2-Methylnaphthalene	12.87	142	2092	0.203	ng/ul	99
7) Acenaphthylene	14.73	152	2940	0.202	ng/ul	98
8) Acenaphthene	15.07	153	2245	0.199	ng/ul	93
9) Fluorene	16.03	166	2427	0.208	ng/ul	90
11) Pentachlorophenol	17.37	266	126	0.095	ng/ul	95
12) Phenanthrene	17.75	178	3964	0.172	ng/ul#	89
13) Anthracene	17.84	178	3616	0.171	ng/ul#	92
15) Fluoranthene	19.72	202	4713	0.158	ng/ul	83
17) Pyrene	20.07	202	4927	0.215	ng/ul#	80
18) Benzo(a)anthracene	21.78	228	4270	0.200	ng/ul#	86
19) Chrysene	21.84	228	4412	0.199	ng/ul	95
21) Benzo(b)fluoranthene	23.61	252	4185	0.187	ng/ul	86
22) Benzo(k)fluoranthene	23.66	252	3985	0.194	ng/ul#	90
23) Benzo(a)pyrene	24.30	252	3776	0.189	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.24	276	4188	0.191	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.25	278	3317	0.185	ng/ul	94
26) Benzo(g,h,i)perylene	28.10	276	3658	0.197	ng/ul	94

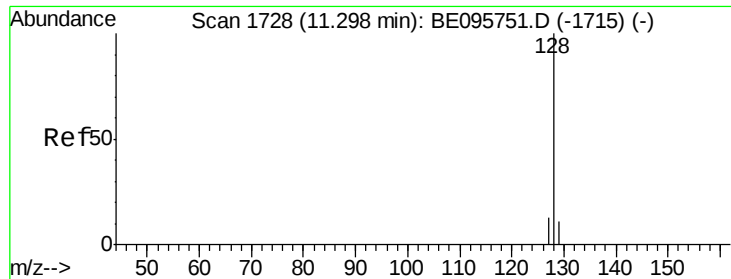
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.195 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampleId :

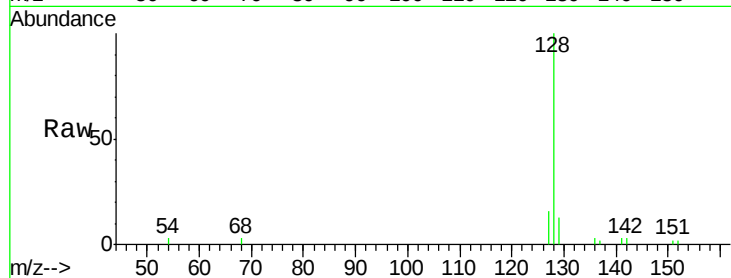
Tot Ion:128 Resp: 3017

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

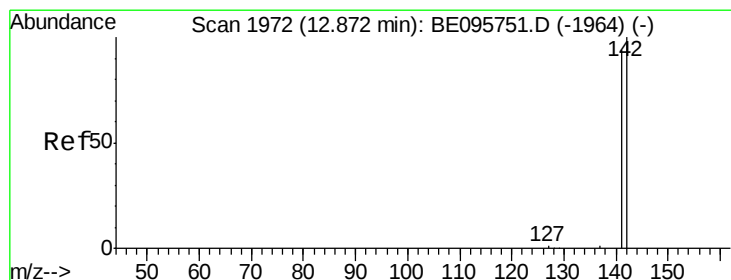
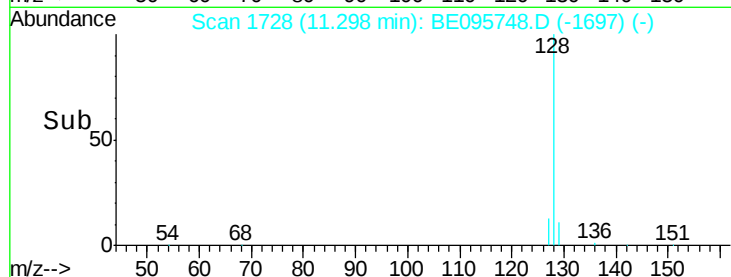
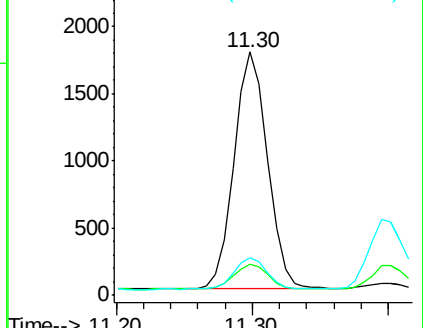
127 15.7 4.0 6.0#



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: 0.203 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095748.D

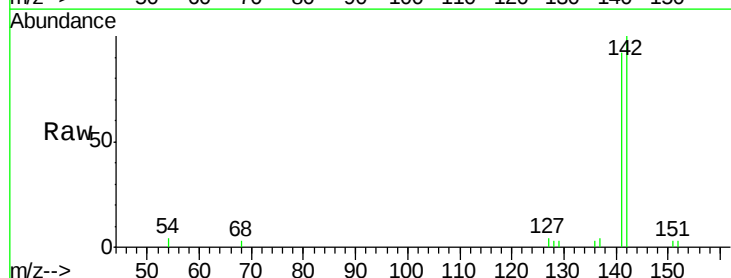
Acq: 13 Mar 2018 13:57

Tgt Ion:142 Resp: 2092

Ion Ratio Lower Upper

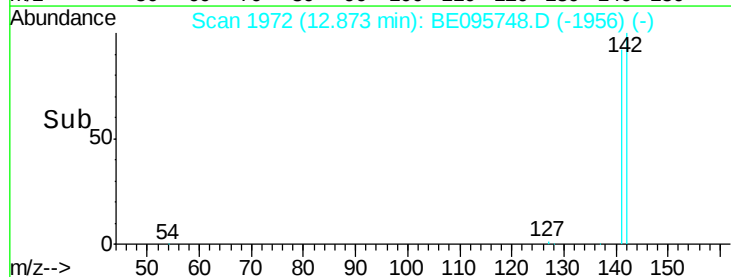
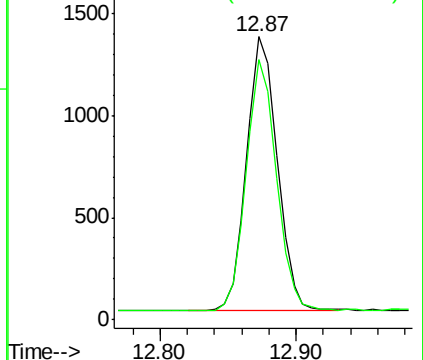
142 100

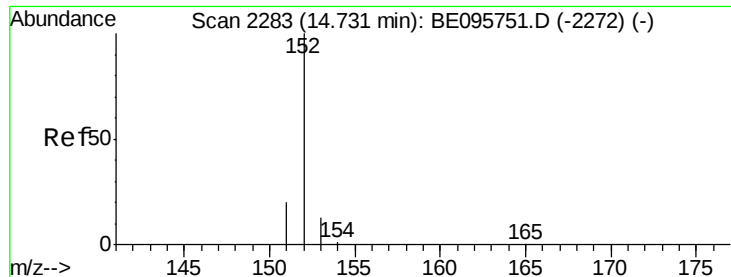
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.202 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampled :

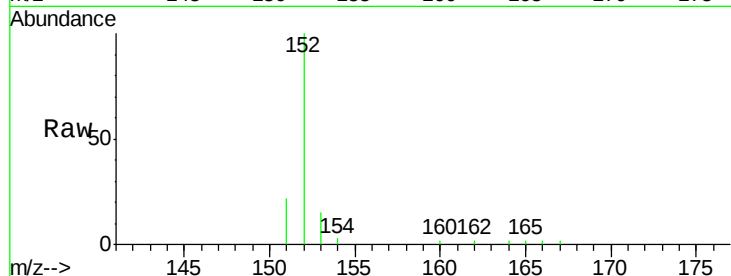
Tot Ion:152 Resp: 2940

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

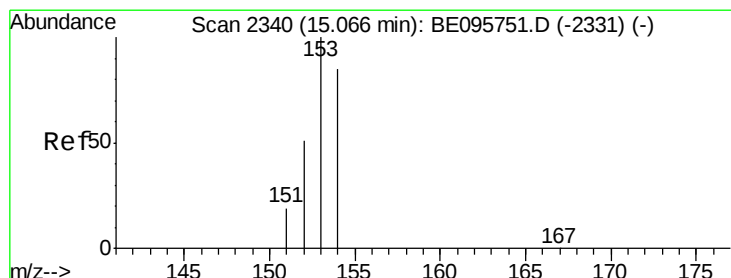
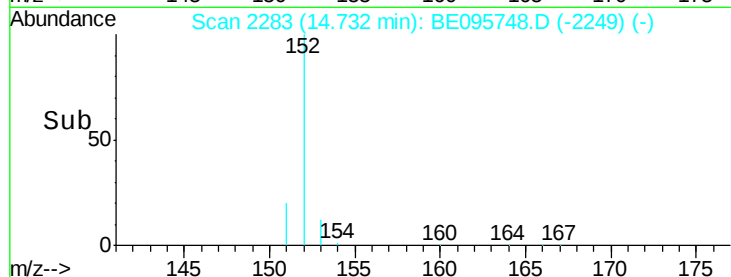
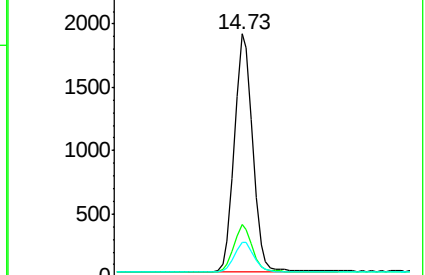
153 14.6 12.8 19.2



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: 0.199 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

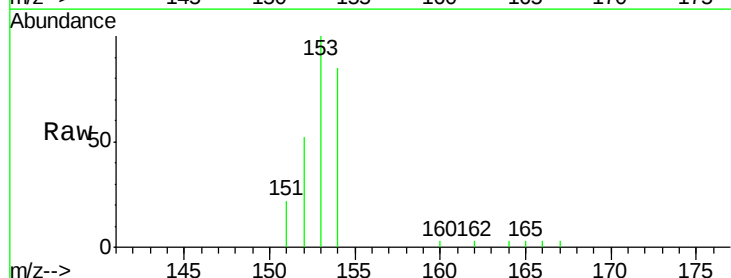
Tgt Ion:153 Resp: 2245

Ion Ratio Lower Upper

153 100

152 52.1 36.0 54.0

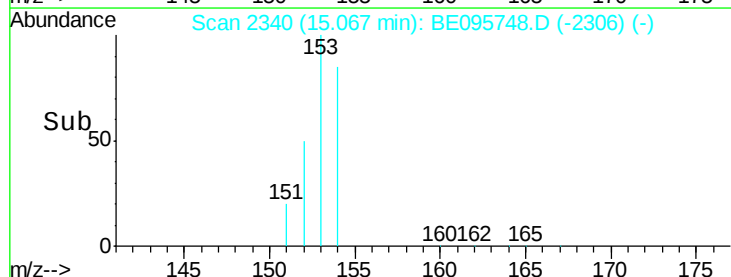
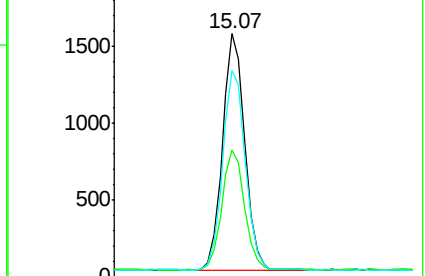
154 84.9 72.0 108.0

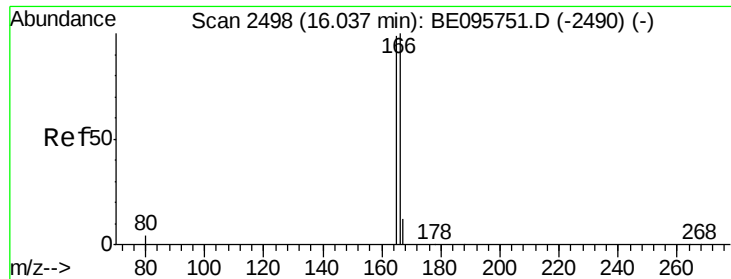


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.208 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

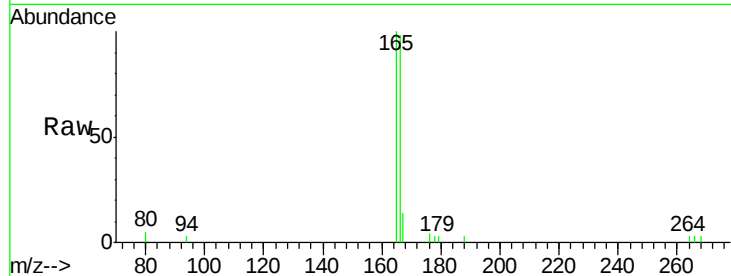
Instrument :

BNA_E

ClientSampleId :

Tot Ion:166 Resp: 2427

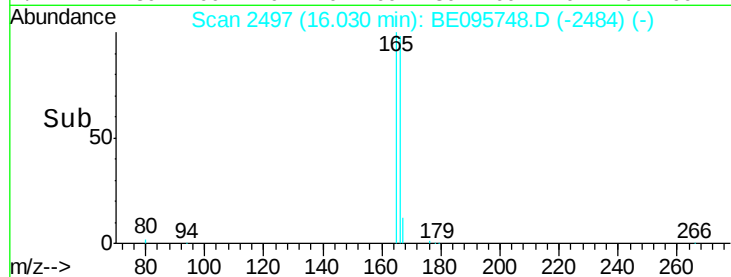
Ion	Ratio	Lower	Upper
166	100		
165	102.1	73.4	110.2
167	14.8	14.6	22.0



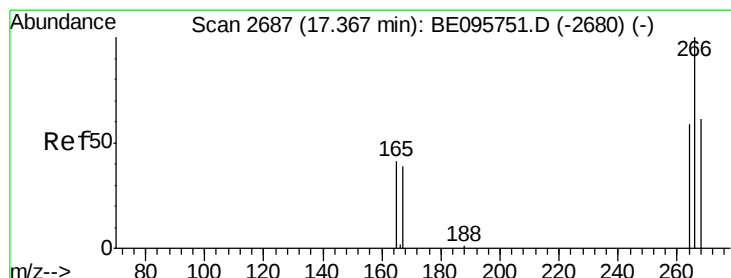
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.095 ng/ul

RT: 17.37 min Scan# 2687

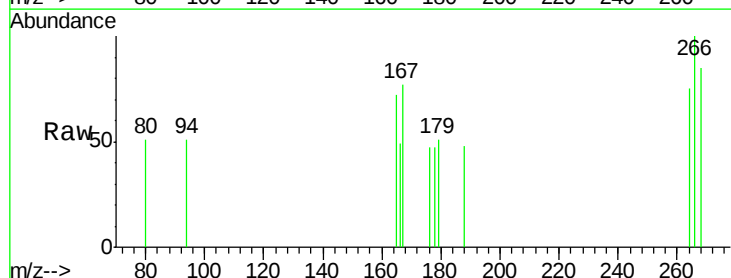
Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Tgt Ion:266 Resp: 126

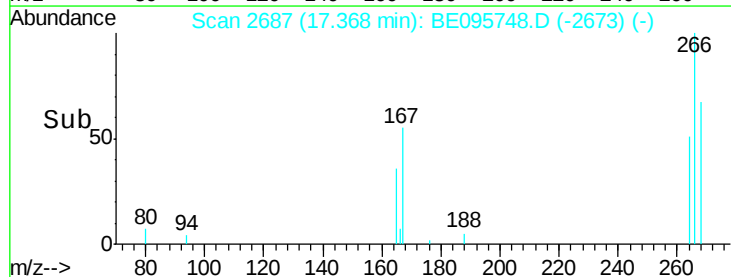
Ion	Ratio	Lower	Upper
266	100		
264	64.3	47.9	71.9
268	65.9	49.8	74.8



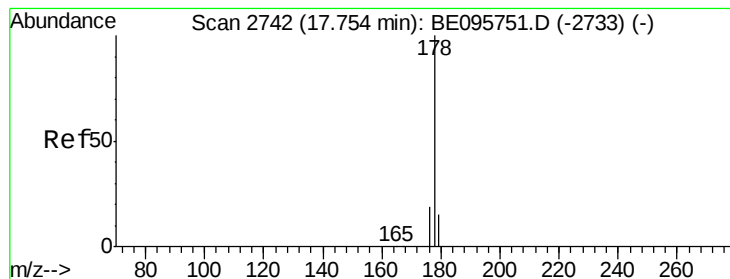
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#12

Phenanthrene

Concen: 0.172 ng/ul

RT: 17.75 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampleId :

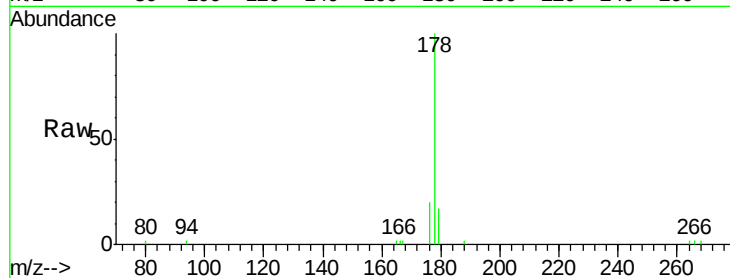
Tot Ion:178 Resp: 3964

Ion Ratio Lower Upper

178 100

179 16.6 18.4 27.6#

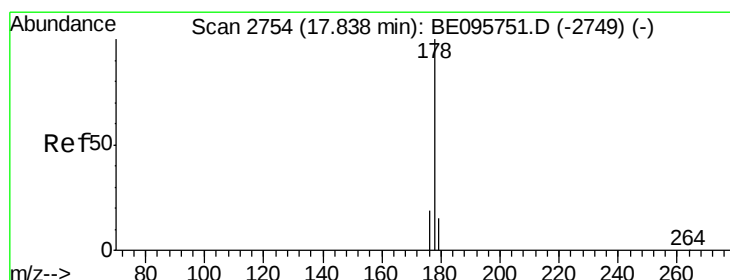
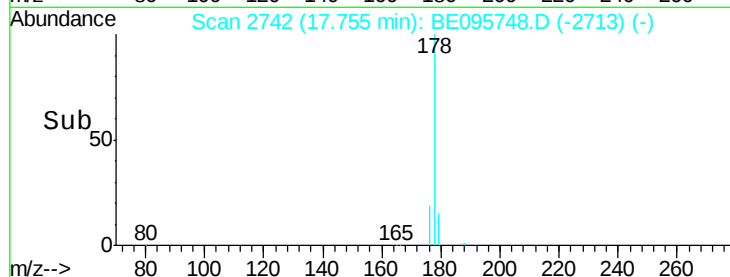
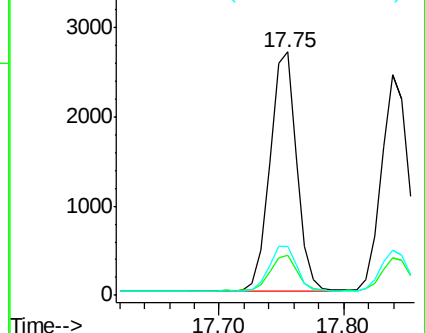
176 20.1 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.171 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

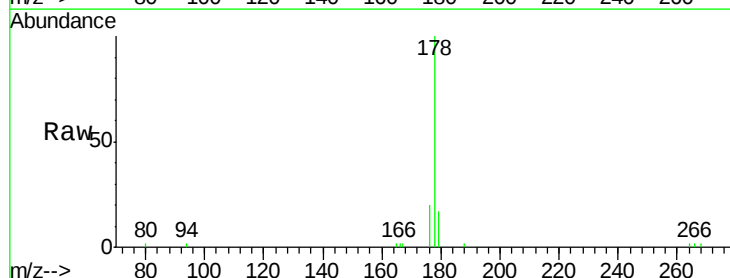
Tgt Ion:178 Resp: 3616

Ion Ratio Lower Upper

178 100

179 17.1 18.1 27.1#

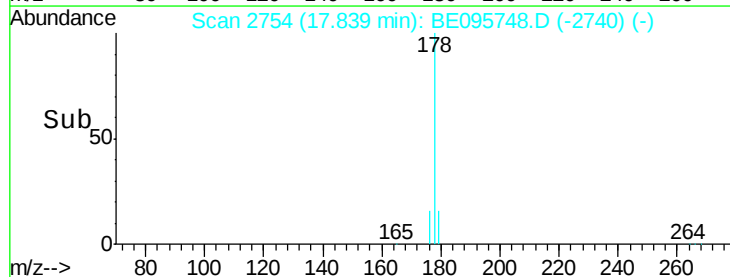
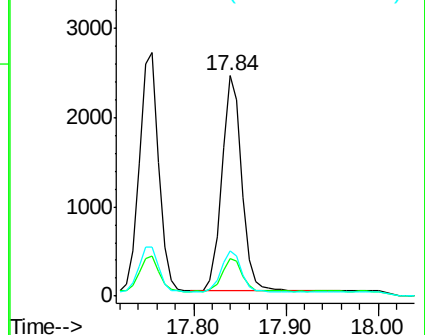
176 20.2 14.7 22.1

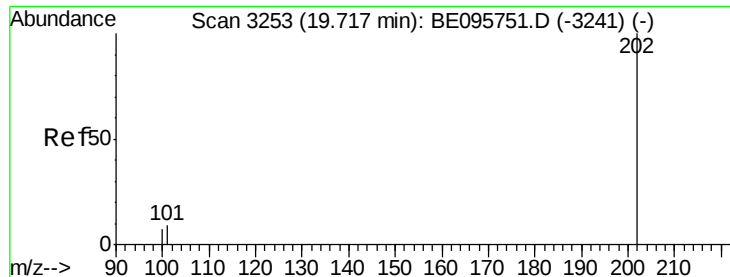


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.158 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampled :

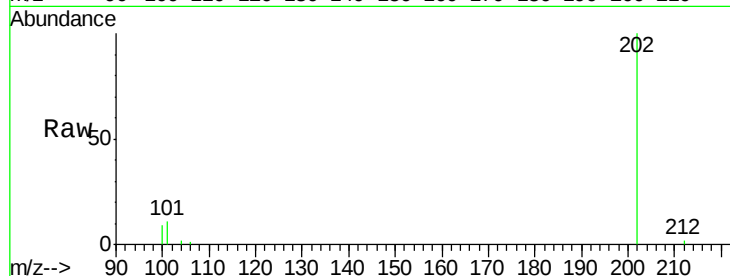
Tot Ion:202 Resp: 4713

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.3

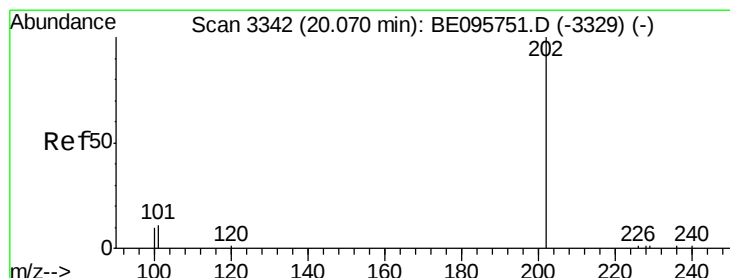
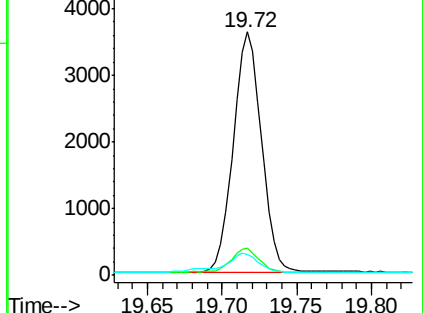
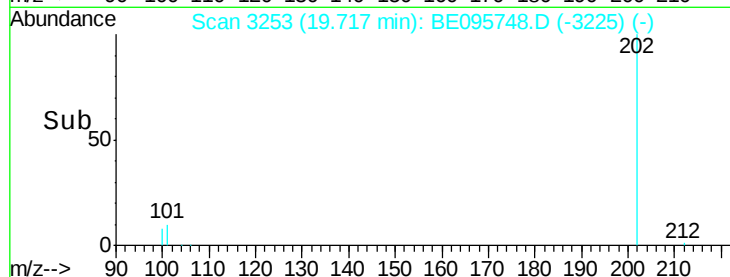
100 8.7 0.0 39.5



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: 0.215 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

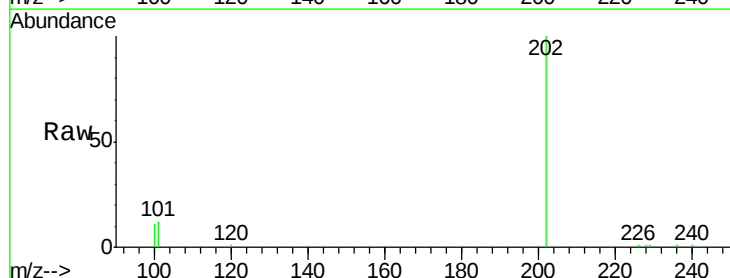
Tgt Ion:202 Resp: 4927

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

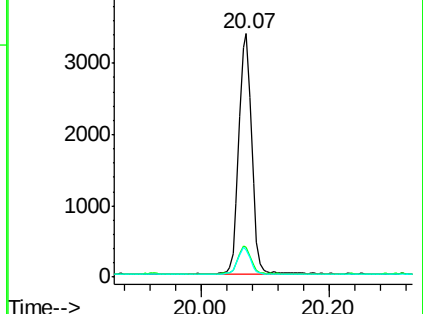
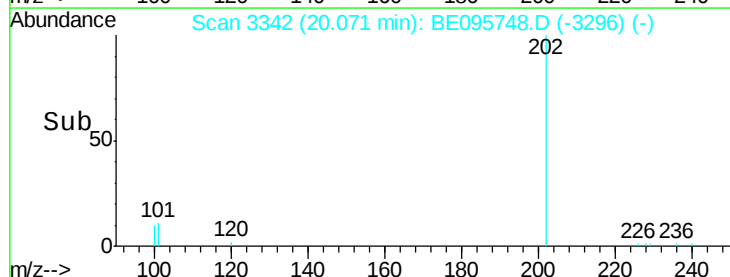
100 11.0 15.6 23.4#

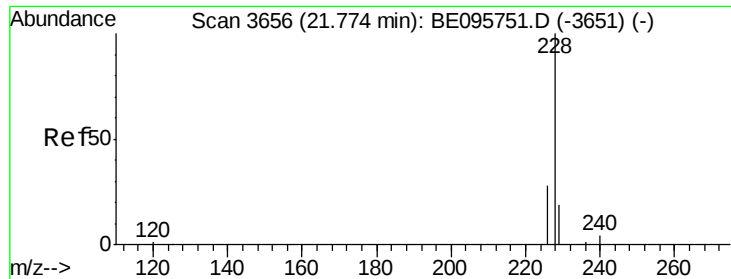


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.200 ng/ul

RT: 21.78 min Scan# 3657

Delta R.T. 0.01 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampleId :

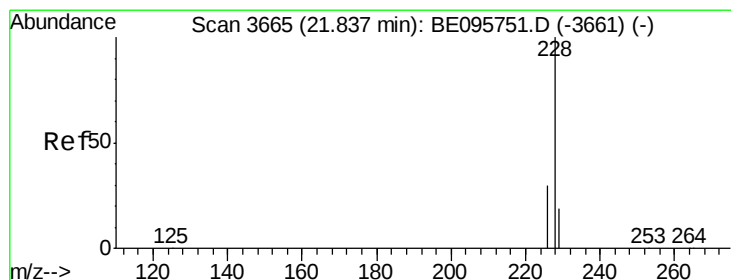
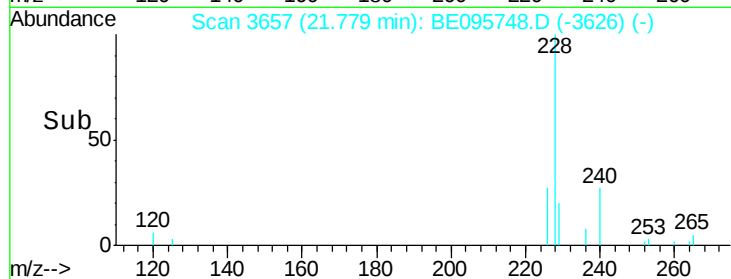
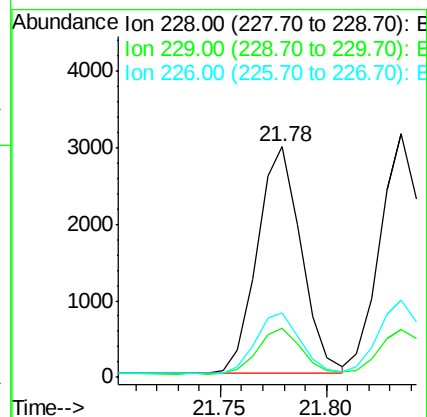
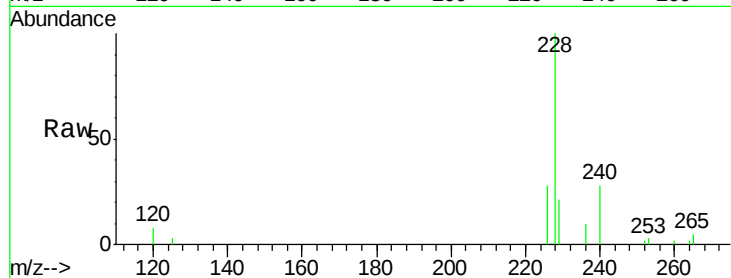
Tot Ion:228 Resp: 4270

Ion Ratio Lower Upper

228 100

229 21.0 22.8 34.2#

226 28.2 17.0 25.6#



#19

Chrysene

Concen: 0.199 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

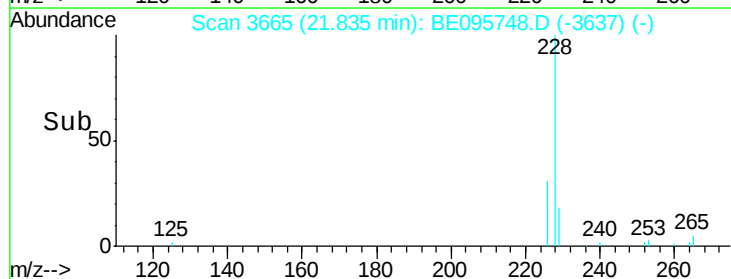
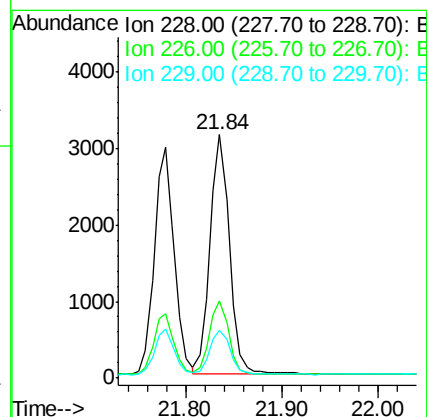
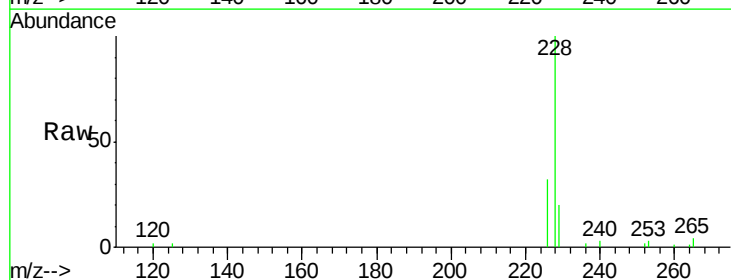
Tgt Ion:228 Resp: 4412

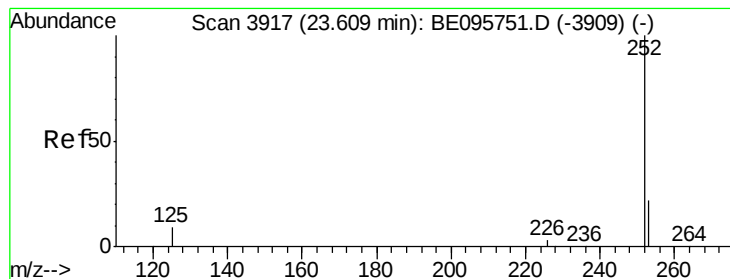
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

229 19.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.187 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampled :

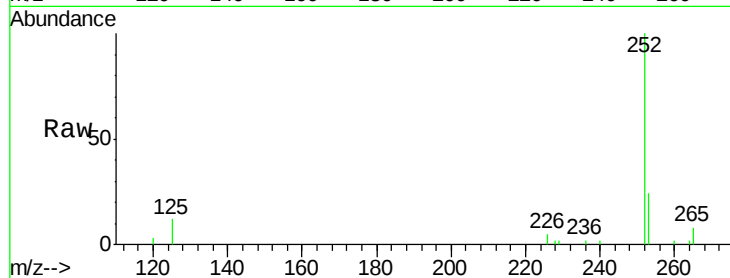
Tot Ion:252 Resp: 4185

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

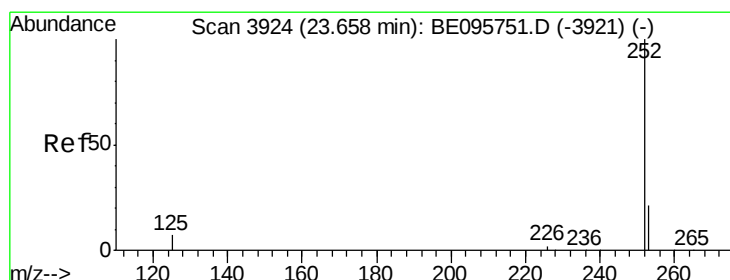
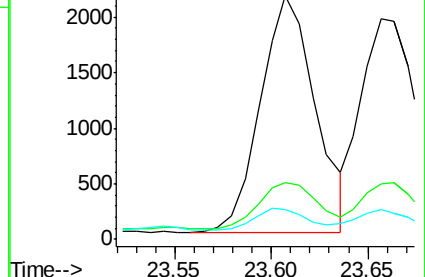
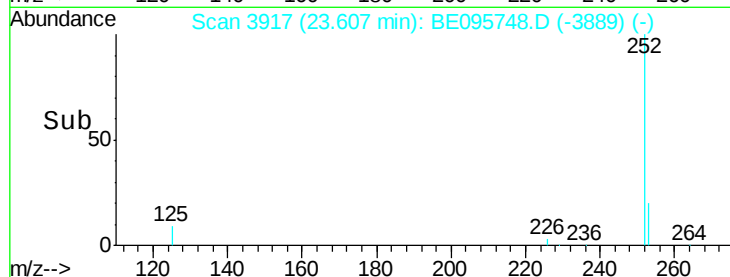
125 12.1 0.0 35.0



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: 0.194 ng/ul

RT: 23.66 min Scan# 3924

Delta R.T. -0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

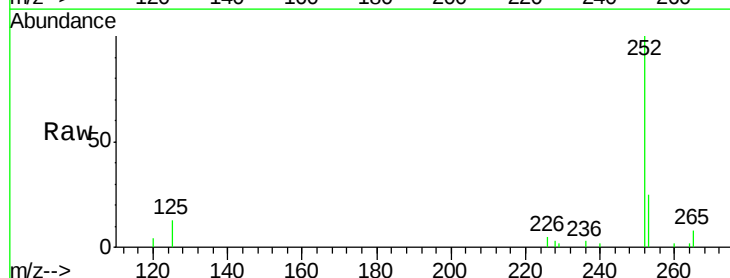
Tgt Ion:252 Resp: 3985

Ion Ratio Lower Upper

252 100

253 25.0 24.5 36.7

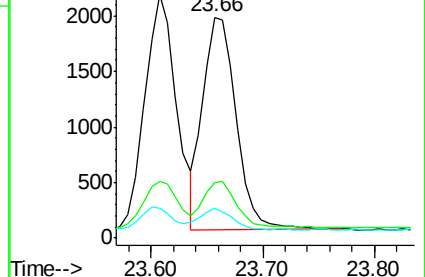
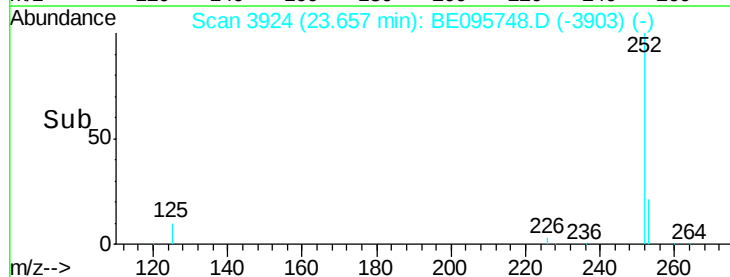
125 13.3 13.7 20.5#

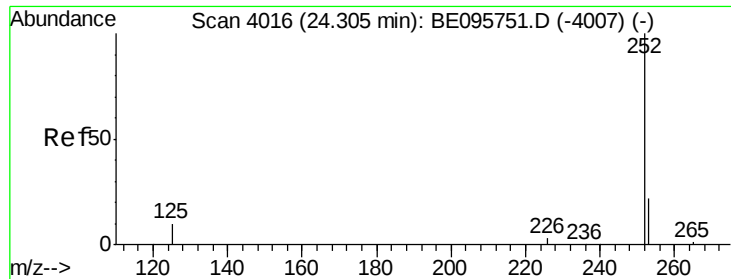


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.189 ng/ul

RT: 24.30 min Scan# 4016

Delta R.T. -0.00 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

Instrument :

BNA_E

ClientSampleId :

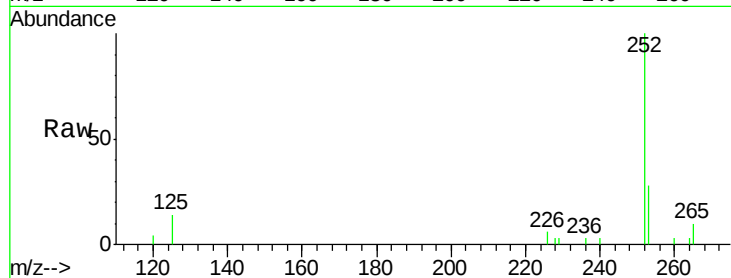
Tot Ion:252 Resp: 3776

Ion Ratio Lower Upper

252 100

253 27.7 28.5 42.7#

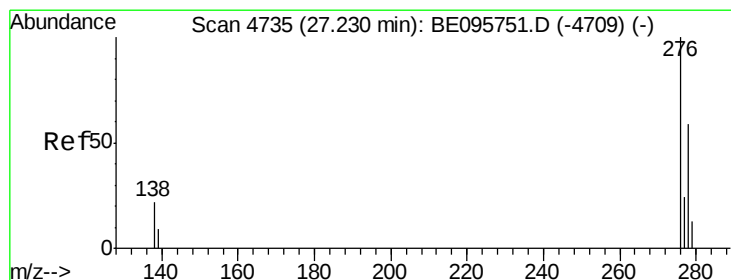
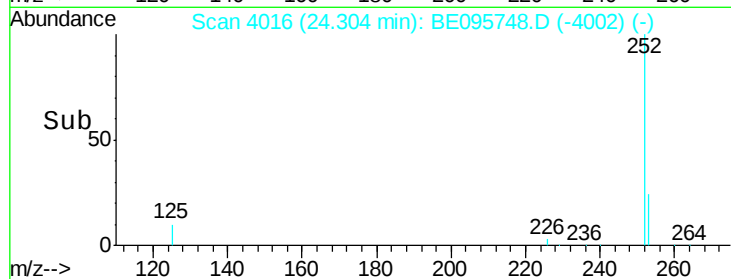
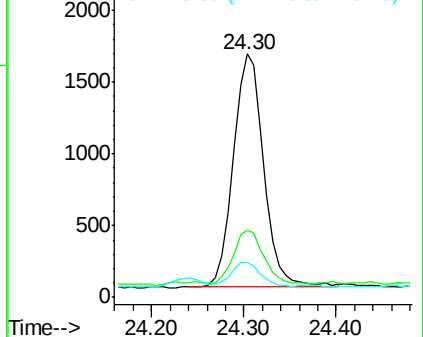
125 14.5 18.1 27.1#



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: 0.191 ng/ul

RT: 27.24 min Scan# 4737

Delta R.T. 0.01 min

Lab File: BE095748.D

Acq: 13 Mar 2018 13:57

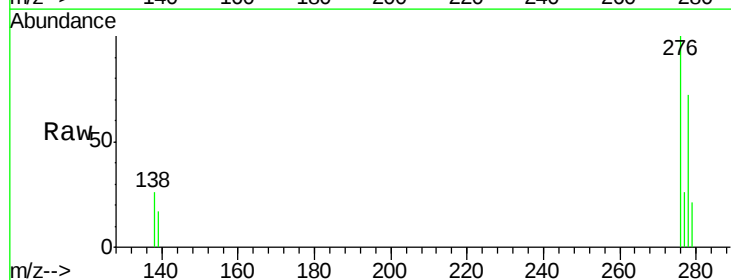
Tgt Ion:276 Resp: 4188

Ion Ratio Lower Upper

276 100

138 22.5 28.0 42.0#

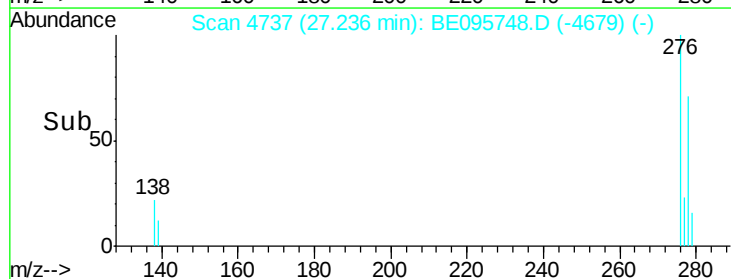
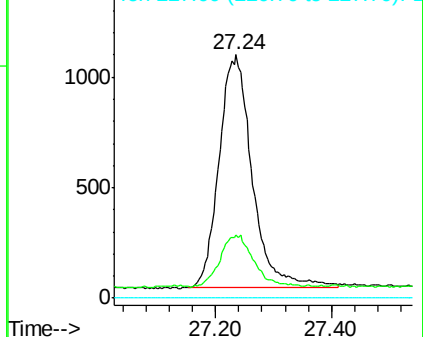
227 0.0 8.0 12.0#

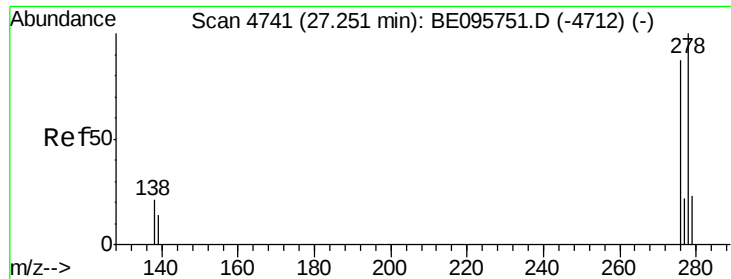


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



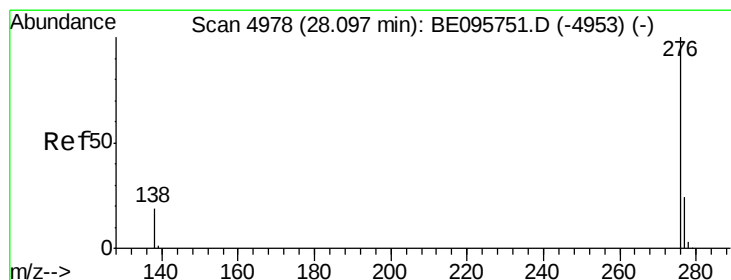
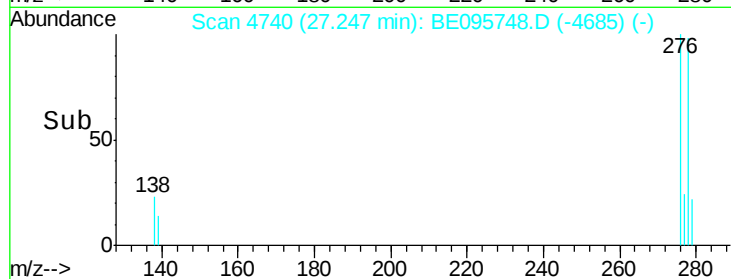
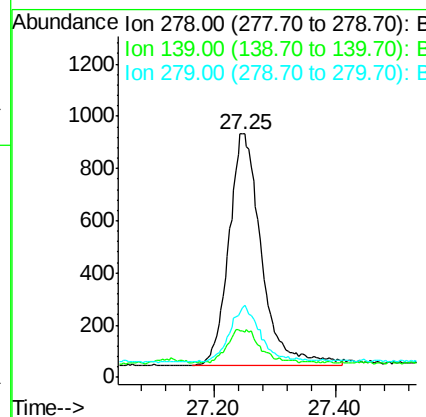
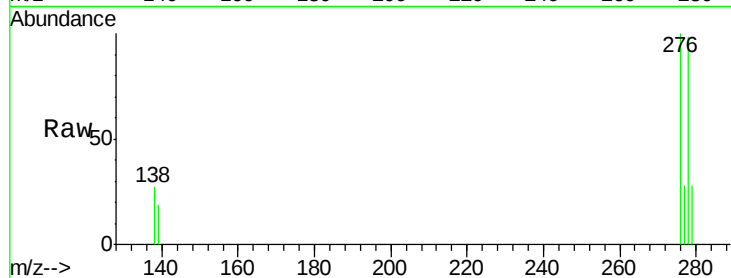


#25
Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 27.25 min Scan# 4740
Delta R.T. -0.00 min
Lab File: BE095748.D
Acq: 13 Mar 2018 13:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3317

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.4	26.0
279	28.4	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 28.10 min Scan# 4980
Delta R.T. 0.01 min
Lab File: BE095748.D
Acq: 13 Mar 2018 13:57

Tgt Ion:276 Resp: 3658

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.8	32.8
277	28.0	20.5	30.7

