

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095800.D
 Acq On : 15 Mar 2018 13:02
 Operator : SJ/JU
 Sample : J1813-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 01:13:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

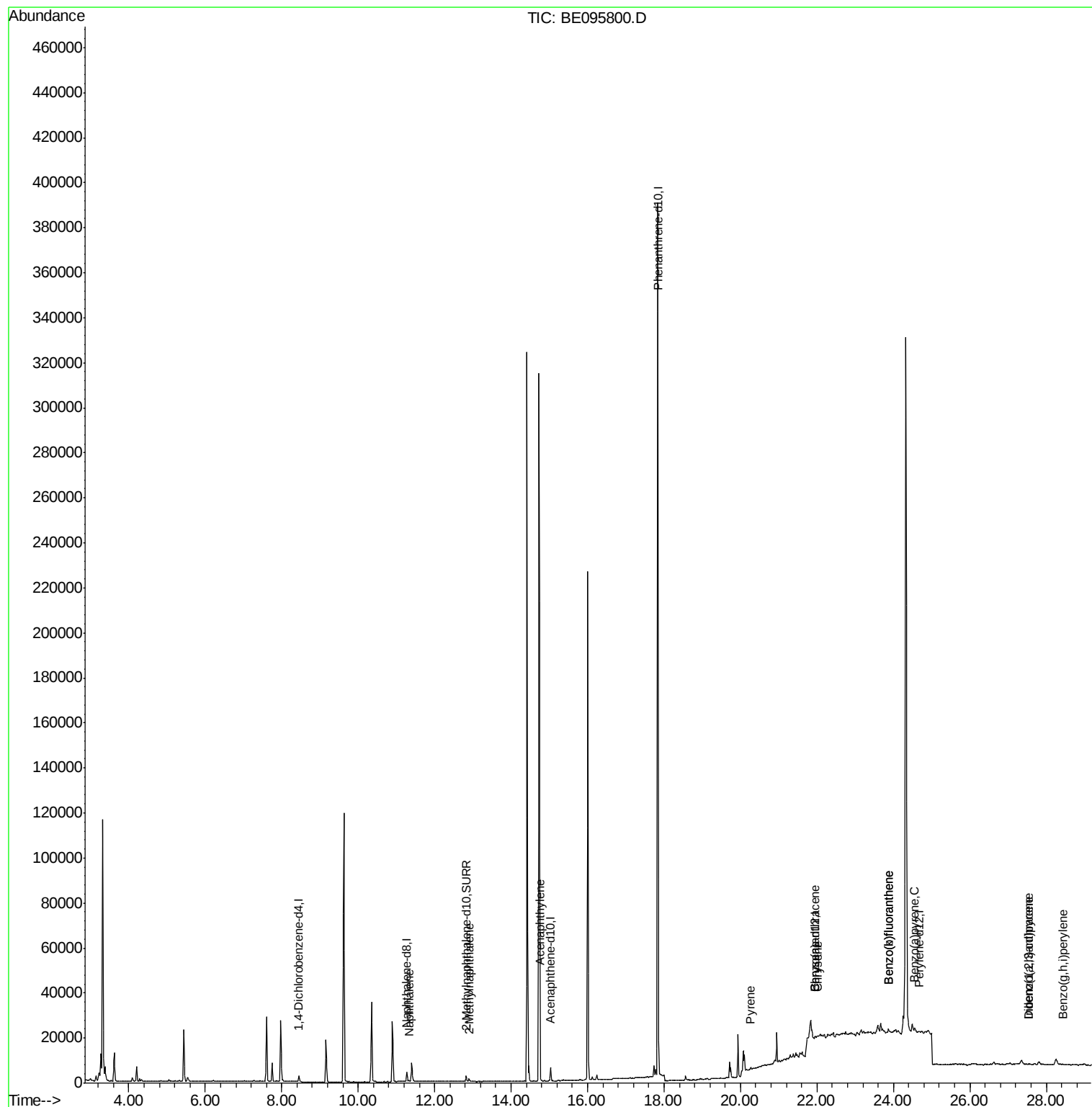
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1998	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	5629	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3270	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	460008	0.40	ng/ul	0.10
16) Chrysene-d12	21.95	240	72	0.40	ng/ul	0.12
20) Perylene-d12	24.67	264	270	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3248	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.32	128	639	0.041	ng/ul#	64
5) 2-Methylnaphthalene	12.90	142	953	0.087	ng/ul	99
7) Acenaphthylene	14.76	152	451	0.027	ng/ul#	27
17) Pyrene	20.25	202	389	1.423	ng/ul#	91
18) Benzo(a)anthracene	21.95	228	314	1.352	ng/ul#	1
19) Chrysene	22.01	228	591	2.499	ng/ul#	1
21) Benzo(b)fluoranthene	23.88	252	1373	1.468	ng/ul#	1
22) Benzo(k)fluoranthene	23.88	252	1373	1.544	ng/ul#	1
23) Benzo(a)pyrene	24.56	252	2990	3.502	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.53	276	129	0.136	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.55	278	59	0.078	ng/ul#	1
26) Benzo(g,h,i)perylene	28.42	276	72	0.089	ng/ul#	1

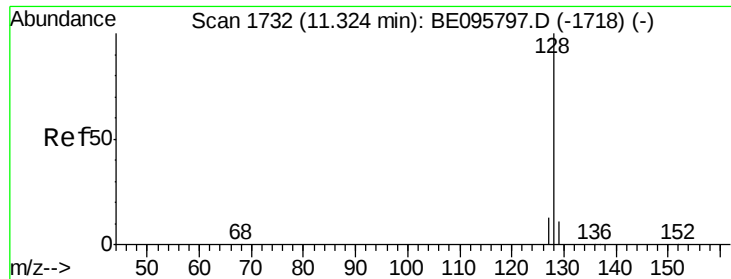
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

ClientSampleId :

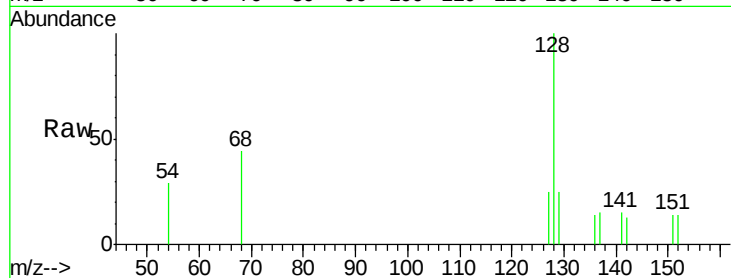
Tot Ion:128 Resp: 639

Ion Ratio Lower Upper

128 100

129 25.2 11.3 16.9#

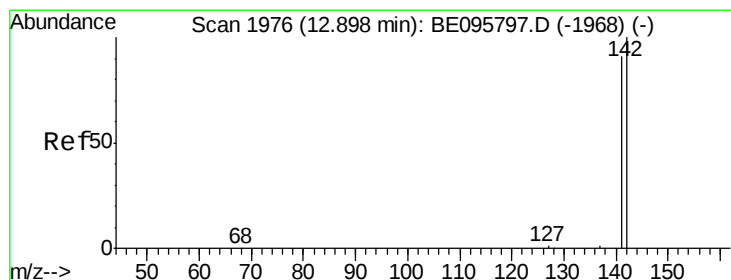
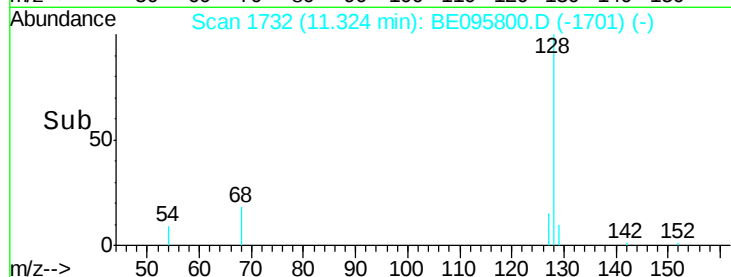
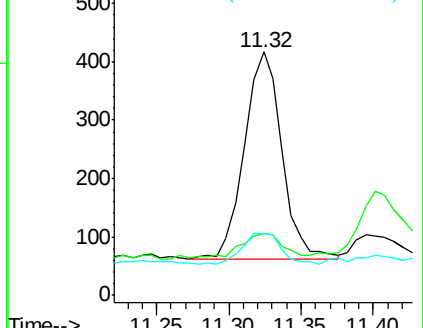
127 25.2 4.0 6.0#



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: 0.087 ng/ul

RT: 12.90 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BE095800.D

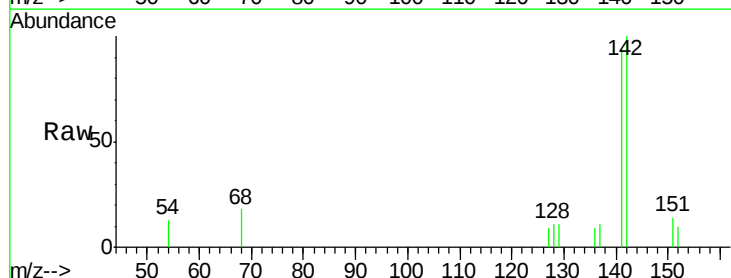
Acq: 15 Mar 2018 13:02

Tgt Ion:142 Resp: 953

Ion Ratio Lower Upper

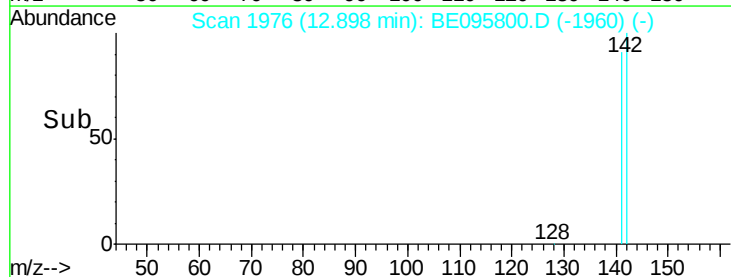
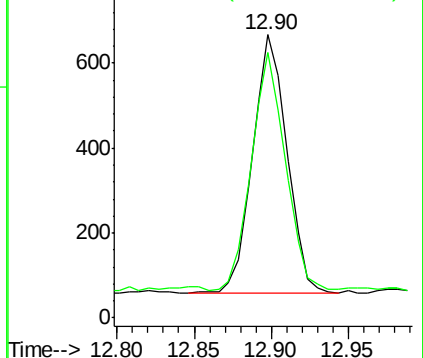
142 100

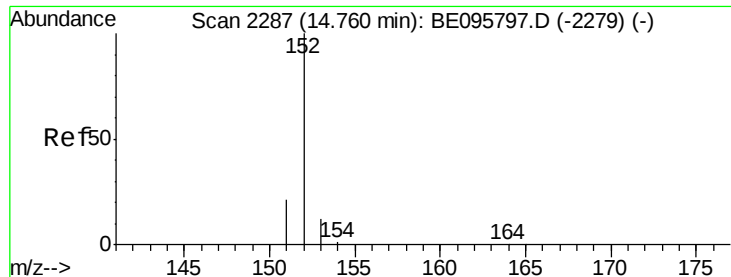
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.76 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BE095800.D

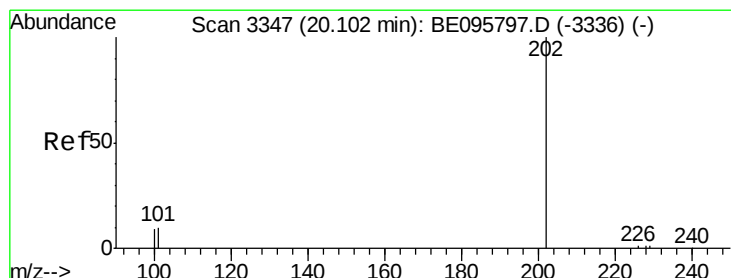
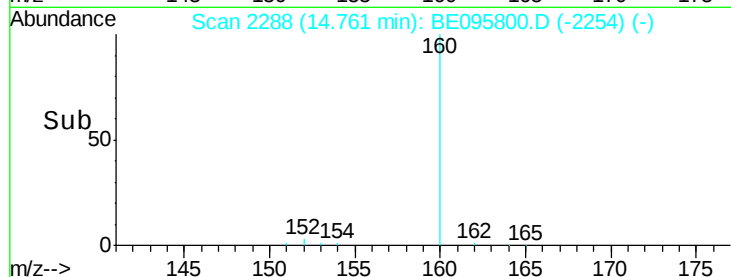
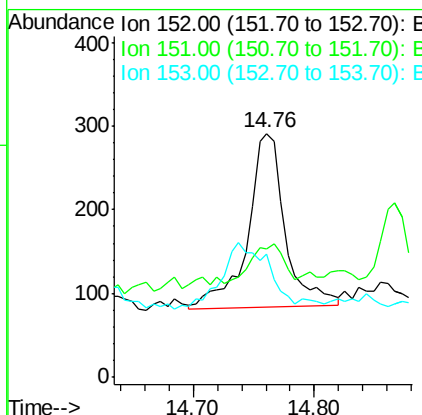
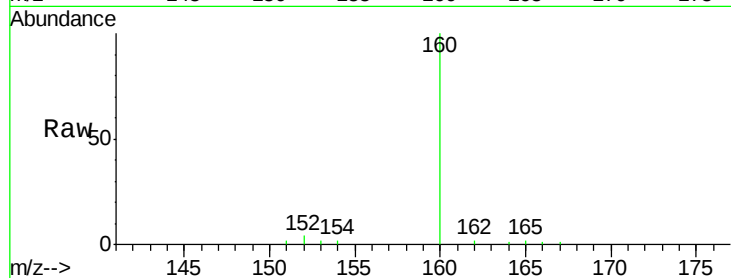
Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

ClientSampled :

Tot Ion:	152	Resp:	451
Ion	Ratio	Lower	Upper
152	100		
151	52.6	17.1	25.7#
153	50.5	12.8	19.2#



#17

Pyrene

Concen: 1.423 ng/ul

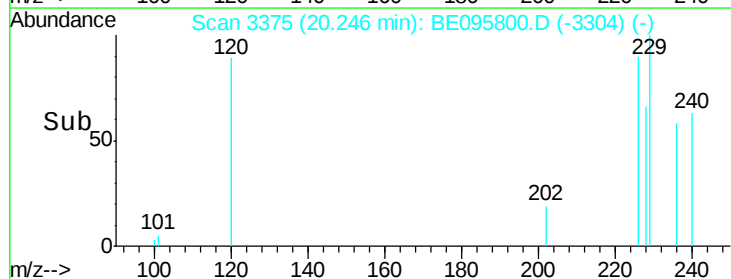
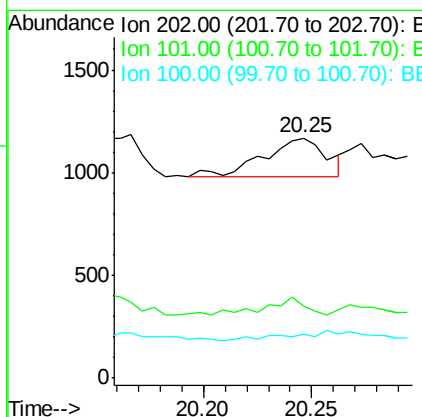
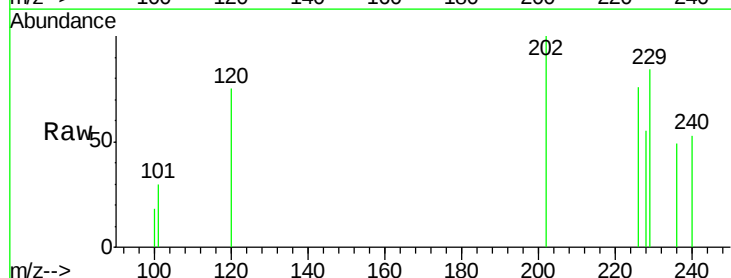
RT: 20.25 min Scan# 3375

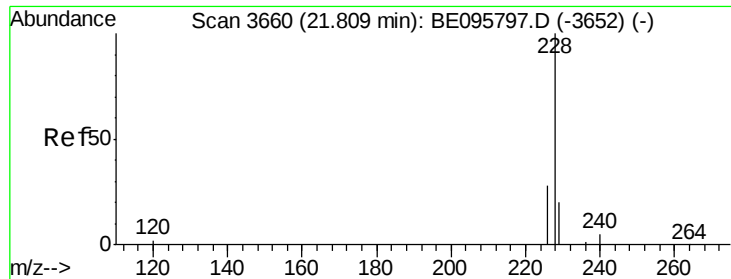
Delta R.T. 0.14 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Tgt Ion:	202	Resp:	389
Ion	Ratio	Lower	Upper
202	100		
101	29.7	18.2	27.4#
100	18.1	15.6	23.4





#18

Benzo(a)anthracene

Concen: 1.352 ng/ul

RT: 21.95 min Scan# 3681

Delta R.T. 0.14 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

ClientSampleId :

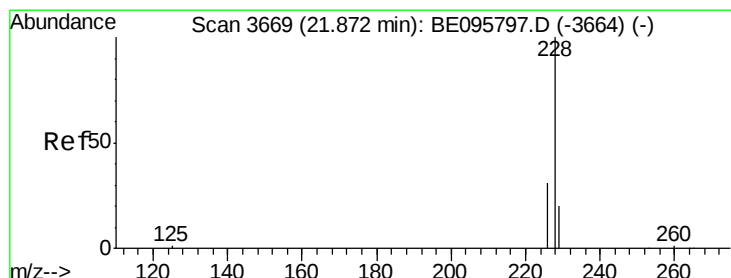
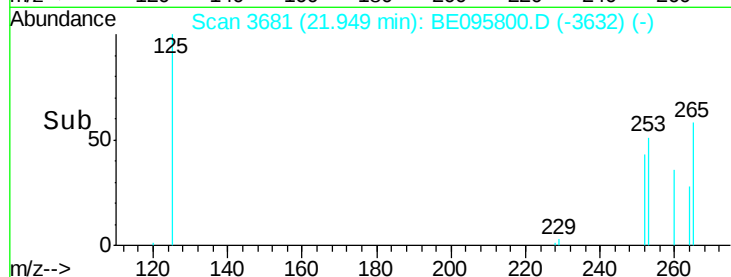
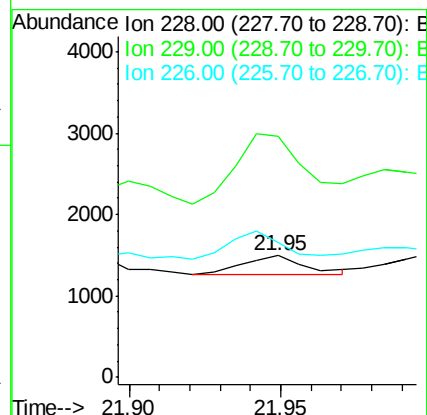
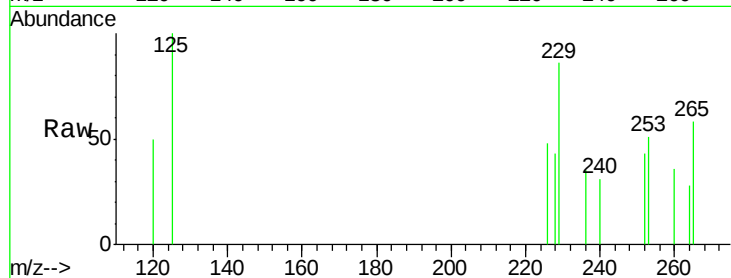
Tot Ion:228 Resp: 314

Ion Ratio Lower Upper

228 100

229 197.8 22.8 34.2#

226 110.9 17.0 25.6#



#19

Chrysene

Concen: 2.499 ng/ul

RT: 22.01 min Scan# 3690

Delta R.T. 0.14 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

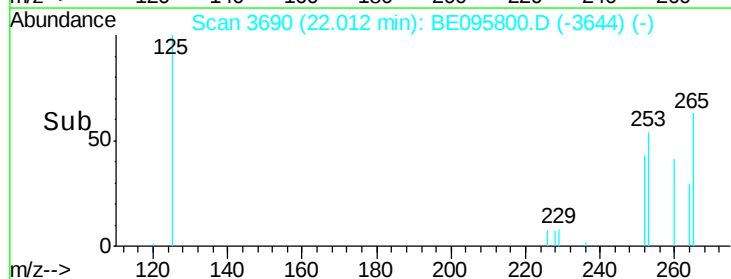
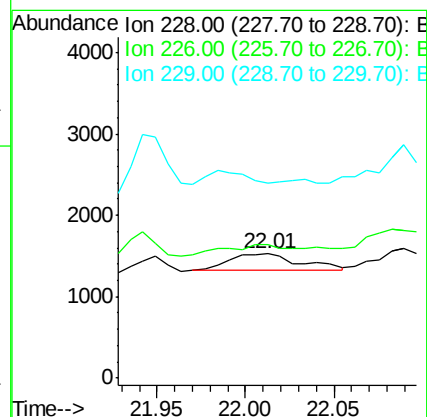
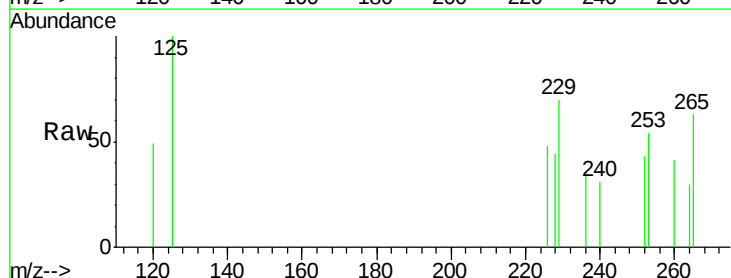
Tgt Ion:228 Resp: 591

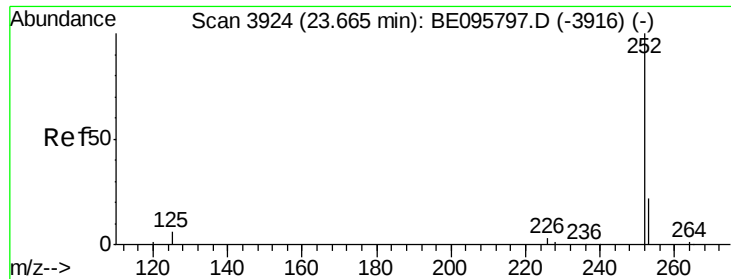
Ion Ratio Lower Upper

228 100

226 107.5 23.4 35.0#

229 157.3 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 1.468 ng/ul

RT: 23.88 min Scan# 3955

Delta R.T. 0.21 min

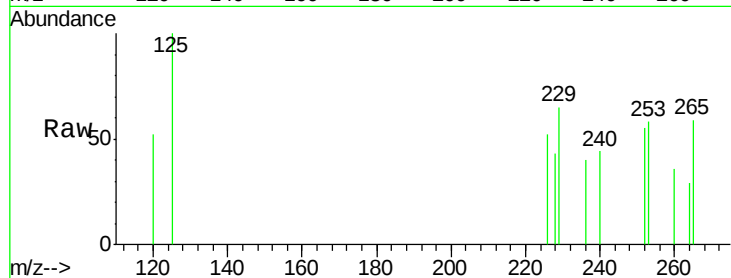
Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

ClientSampleId :



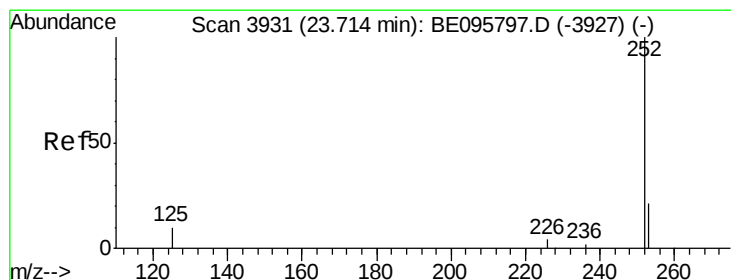
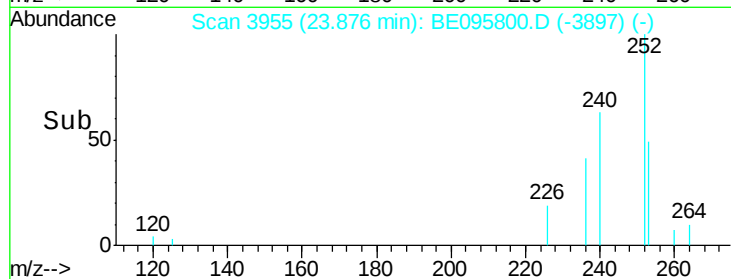
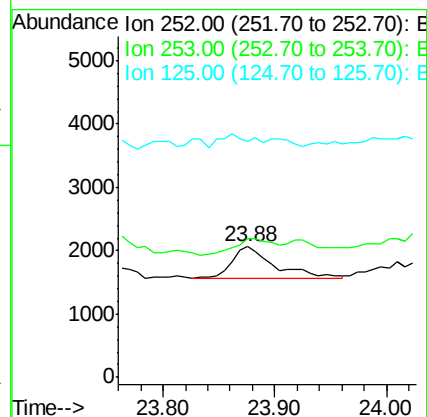
Tot Ion:252 Resp: 1373

Ion Ratio Lower Upper

252 100

253 105.8 0.0 64.2#

125 181.1 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 1.544 ng/ul

RT: 23.88 min Scan# 3955

Delta R.T. 0.16 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

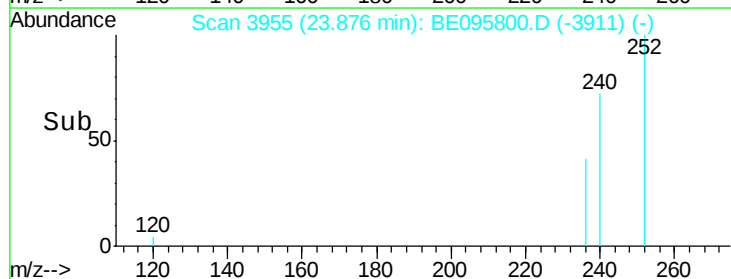
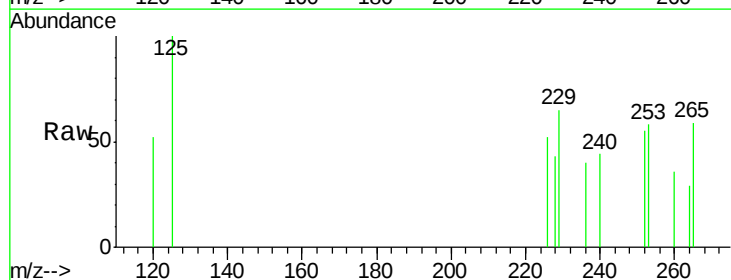
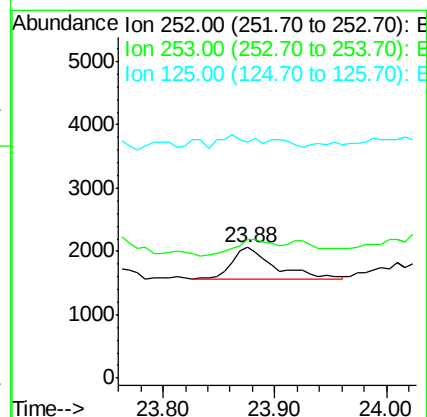
Tgt Ion:252 Resp: 1373

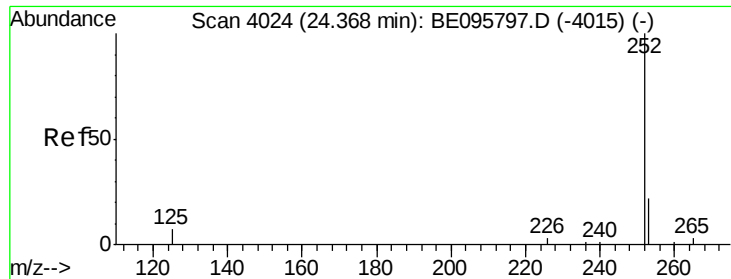
Ion Ratio Lower Upper

252 100

253 105.8 24.5 36.7#

125 181.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 3.502 ng/uL

RT: 24.56 min Scan# 4052

Delta R.T. 0.19 min

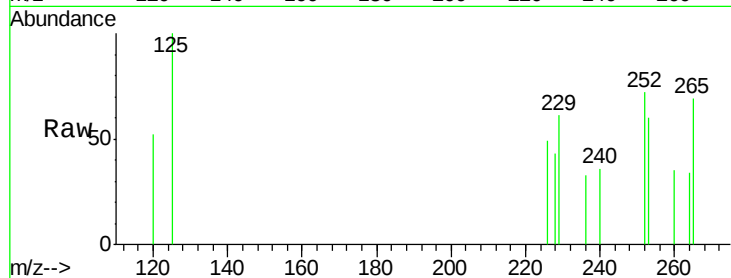
Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

Instrument :

BNA_E

ClientSampleId :



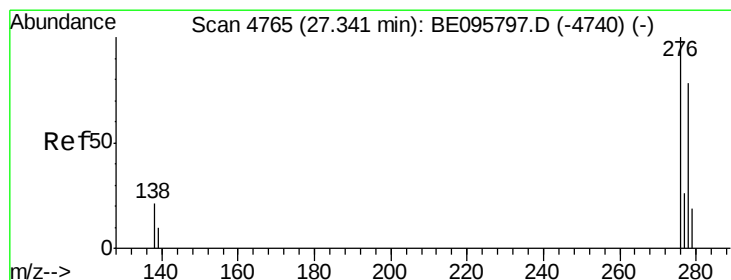
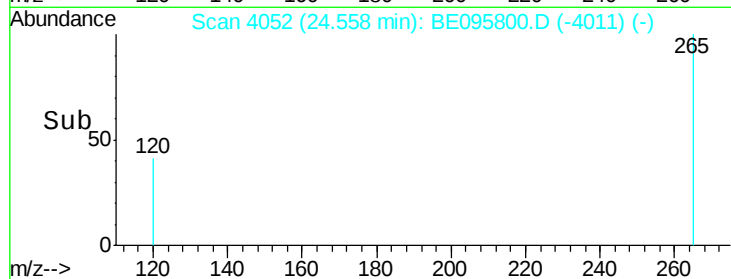
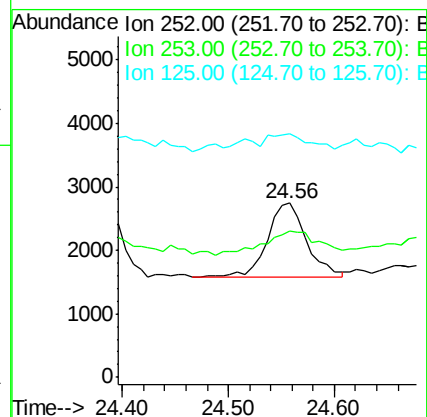
Tot Ion:252 Resp: 2990

Ion Ratio Lower Upper

252 100

253 84.3 28.5 42.7#

125 139.8 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng/uL

RT: 27.53 min Scan# 4820

Delta R.T. 0.19 min

Lab File: BE095800.D

Acq: 15 Mar 2018 13:02

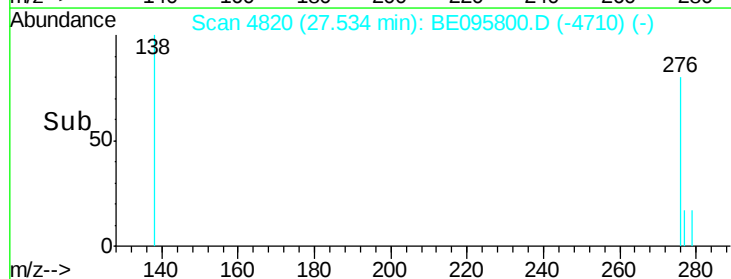
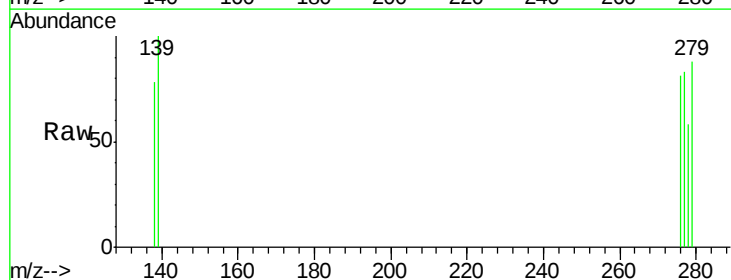
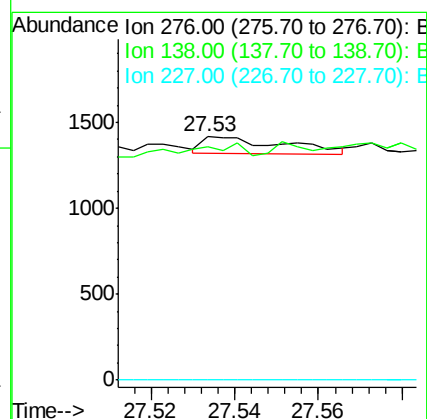
Tgt Ion:276 Resp: 129

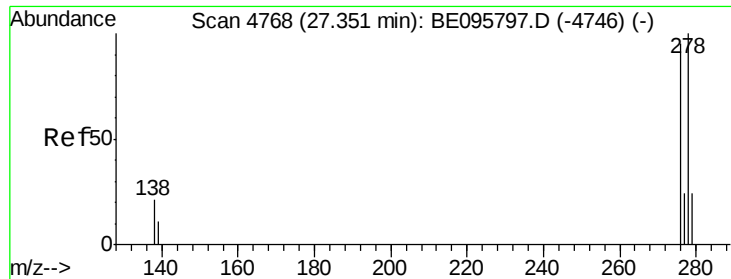
Ion Ratio Lower Upper

276 100

138 162.8 28.0 42.0#

227 0.0 8.0 12.0#



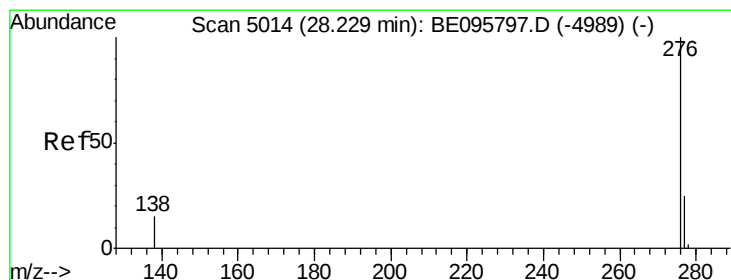
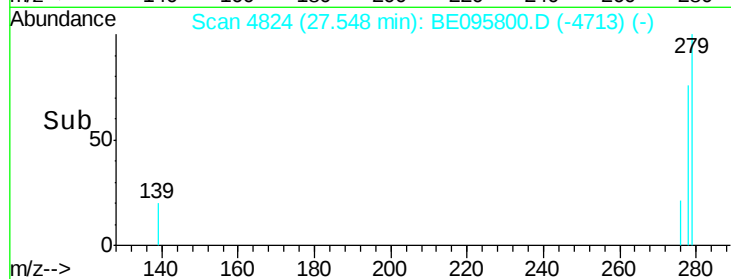
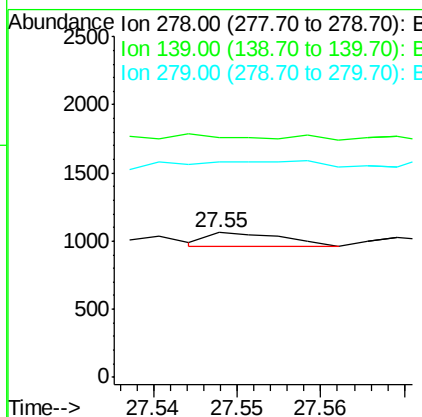
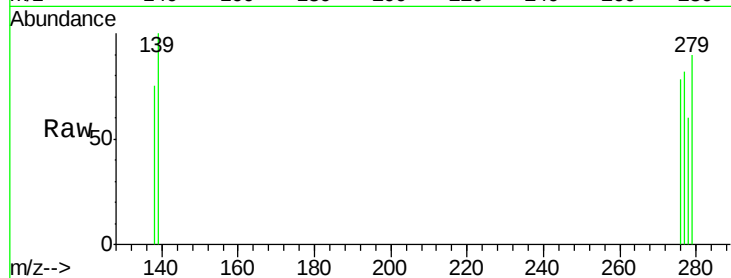


#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/u1
RT: 27.55 min Scan# 4824
Delta R.T. 0.20 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 59

Ion	Ratio	Lower	Upper
278	100		
139	165.8	17.4	26.0#
279	148.4	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.089 ng/u1
RT: 28.42 min Scan# 5069
Delta R.T. 0.19 min
Lab File: BE095800.D
Acq: 15 Mar 2018 13:02

Tgt Ion:276 Resp: 72

Ion	Ratio	Lower	Upper
276	100		
138	90.9	21.8	32.8#
277	95.2	20.5	30.7#

