

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082918\
 Data File : BE097397.D
 Acq On : 29 Aug 2018 19:54
 Operator : SJ/JU
 Sample : J4596-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 30 02:12:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 02:12:09 2018
 Response via : Initial Calibration

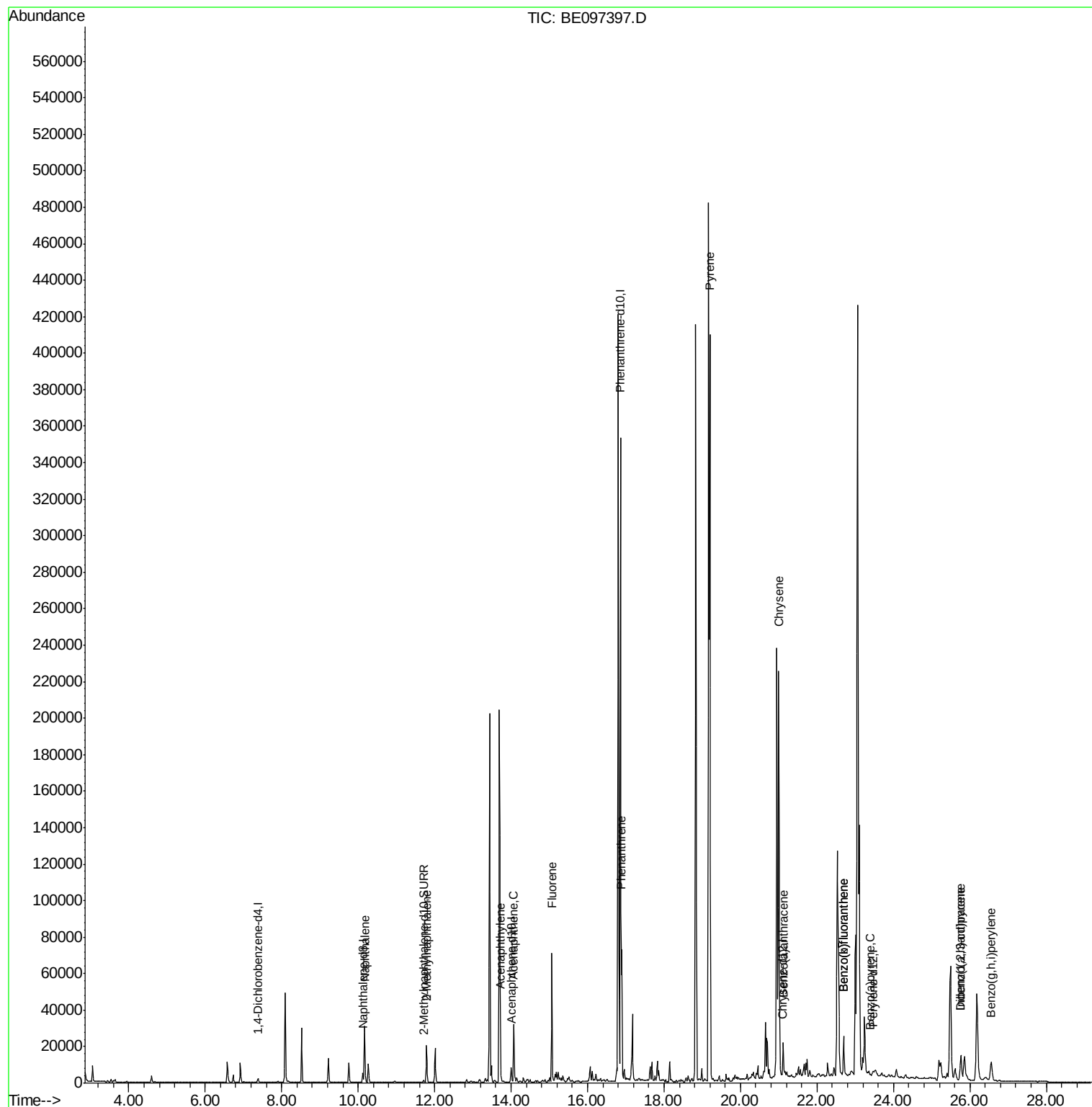
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	955	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5009	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3522	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	390830	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	71	0.40	ng/ul	0.13
20) Perylene-d12	23.46	264	931	0.40	ng/ul	0.26
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1626	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	106	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	10.16	128	45162	3.698	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	17208	2.229	ng/ul	98
7) Acenaphthylene	13.72	152	12386	0.966	ng/ul	99
8) Acenaphthene	14.07	153	18176	1.647	ng/ul	95
9) Fluorene	15.07	166	42798	3.386	ng/ul#	93
12) Phenanthrene	16.89	178	79307	0.079	ng/ul#	89
17) Pyrene	19.20	202	429071	2245.737	ng/ul#	79
18) Benzo(a)anthracene	21.12	228	13004	71.299	ng/ul#	55
19) Chrysene	21.00	228	188949	899.163	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	29635	11.886	ng/ul	93
22) Benzo(k)fluoranthene	22.70	252	26058	9.373	ng/ul	95
23) Benzo(a)pyrene	23.40	252	629	0.273	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.76	276	5558	1.859	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.76	278	21361	8.433	ng/ul#	90
26) Benzo(g,h,i)perylene	26.56	276	22759	8.930	ng/ul#	89

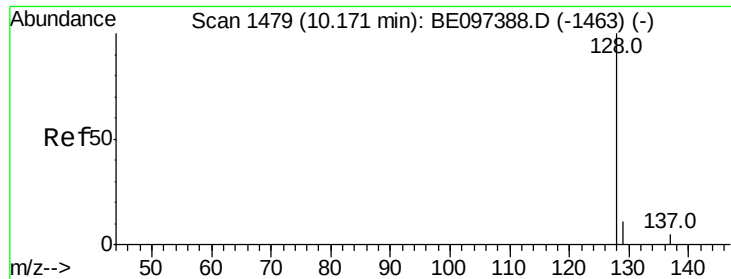
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.698 ng/ul

RT: 10.16 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

Instrument :

BNA_E

ClientSampleId :

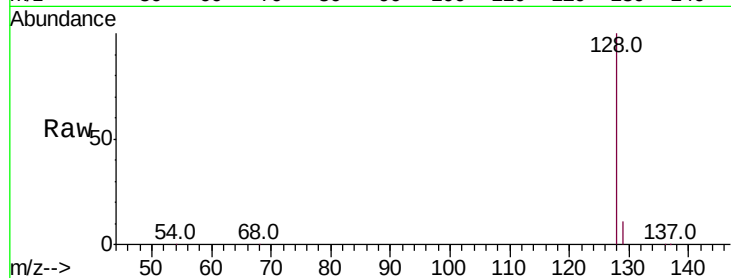
Tot Ion:128 Resp: 45162

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

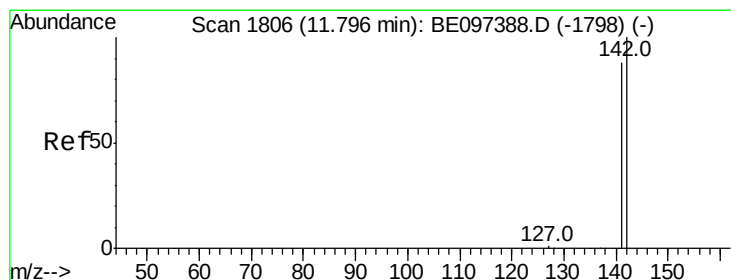
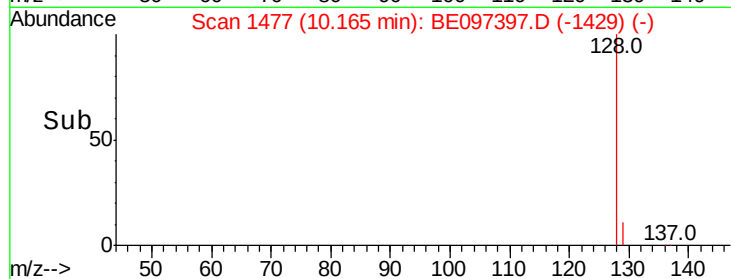
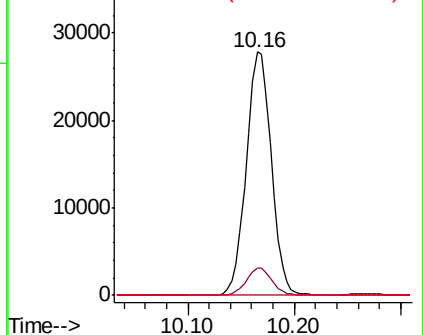
127 0.0 4.0 6.0#



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: 2.229 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097397.D

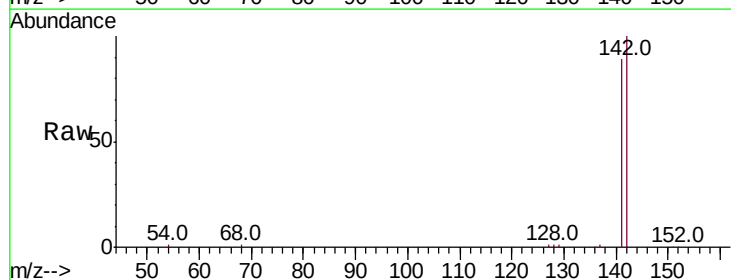
Acq: 29 Aug 2018 19:54

Tgt Ion:142 Resp: 17208

Ion Ratio Lower Upper

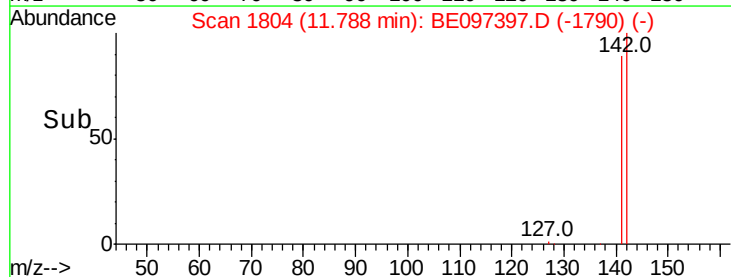
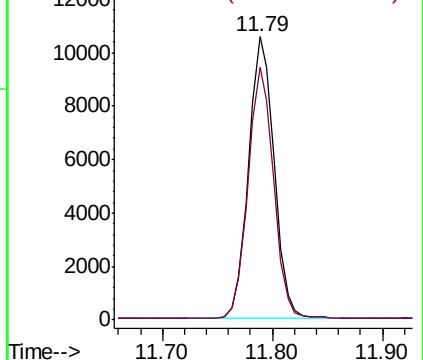
142 100

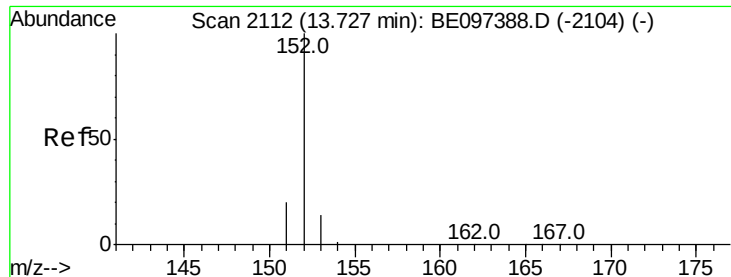
141 88.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.966 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

Instrument :

BNA_E

ClientSampleId :

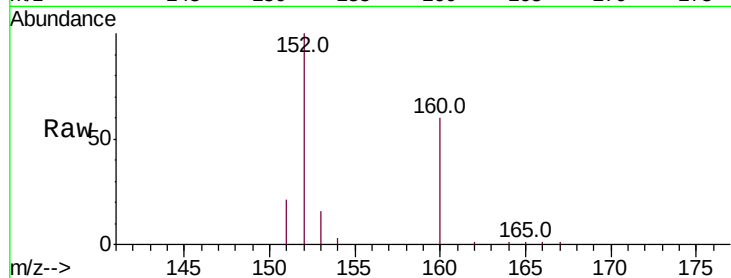
Tot Ion:152 Resp: 12386

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

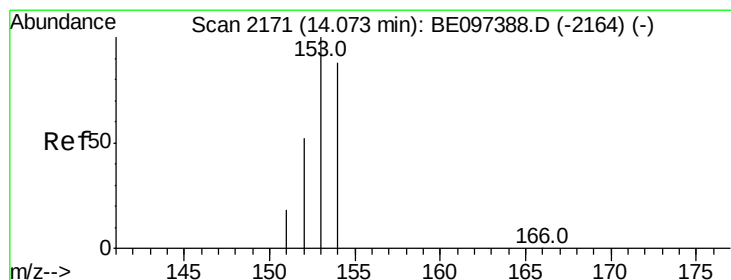
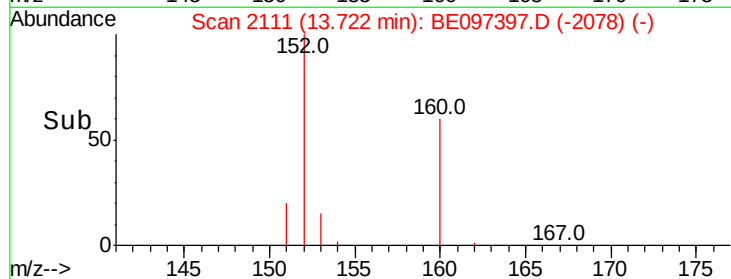
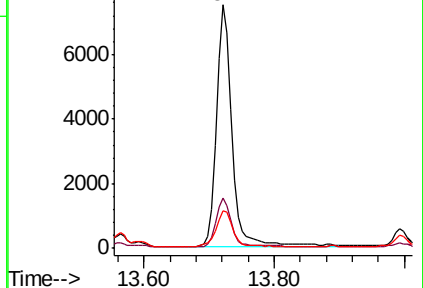
153 15.5 12.8 19.2



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: 1.647 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

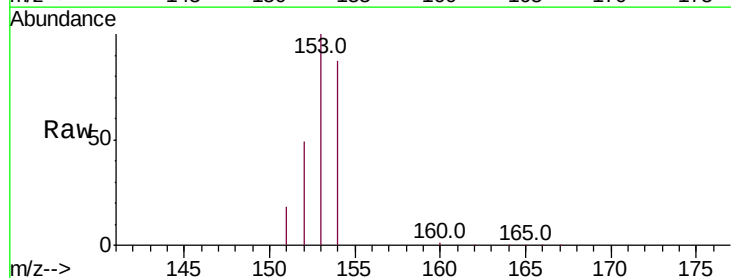
Tgt Ion:153 Resp: 18176

Ion Ratio Lower Upper

153 100

152 49.3 36.0 54.0

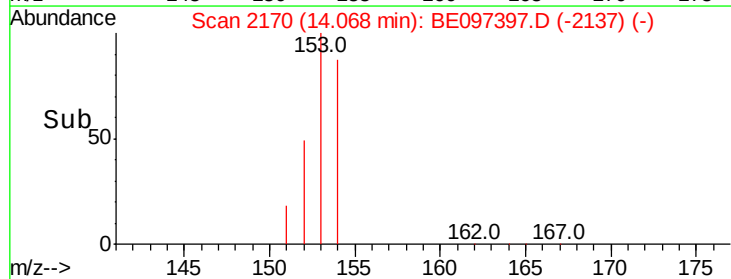
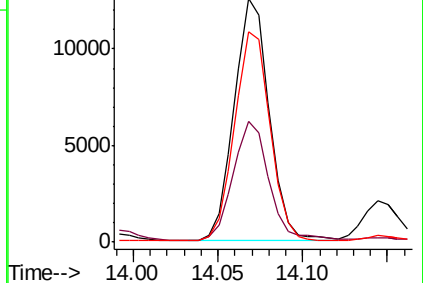
154 86.7 72.0 108.0

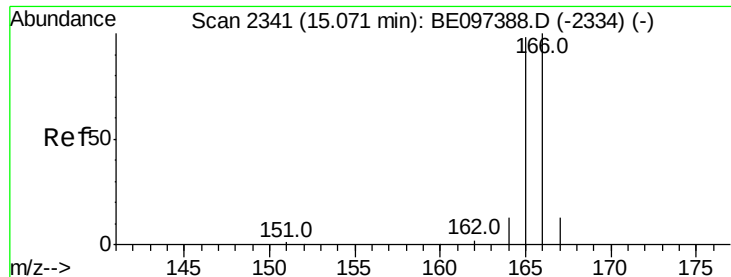


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.386 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

Instrument :

BNA_E

ClientSampleId :

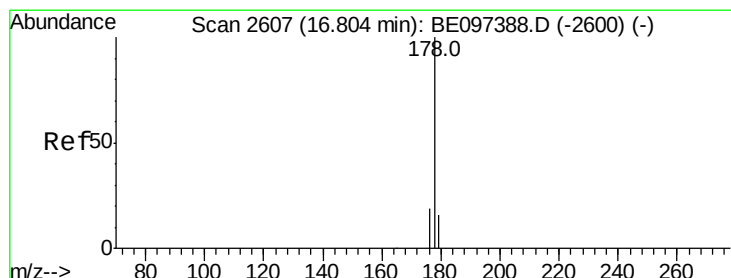
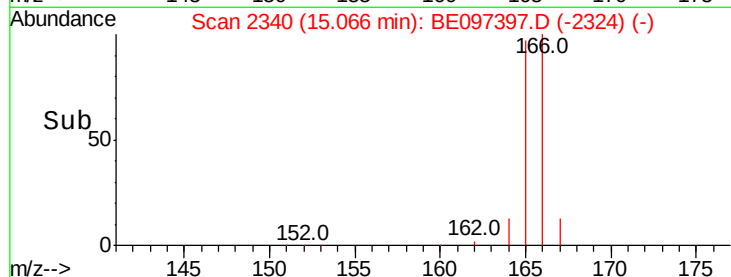
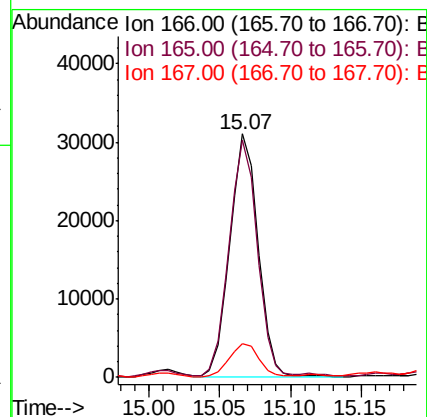
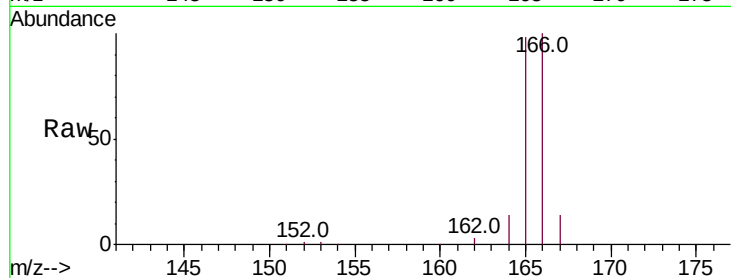
Tot Ion:166 Resp: 42798

Ion Ratio Lower Upper

166 100

165 97.6 73.4 110.2

167 14.1 14.6 22.0#



#12

Phenanthrene

Concen: 0.079 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. 0.08 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

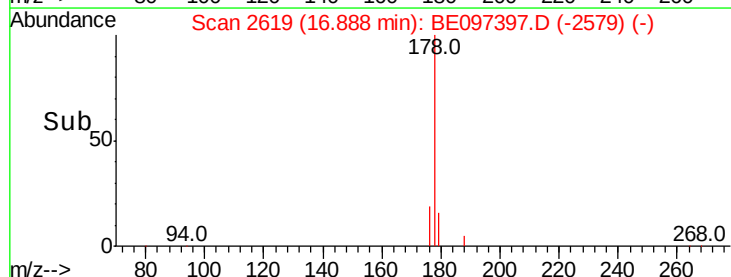
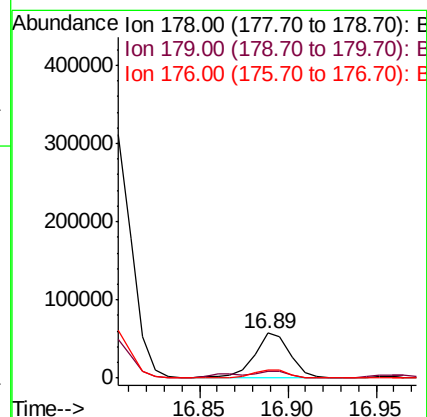
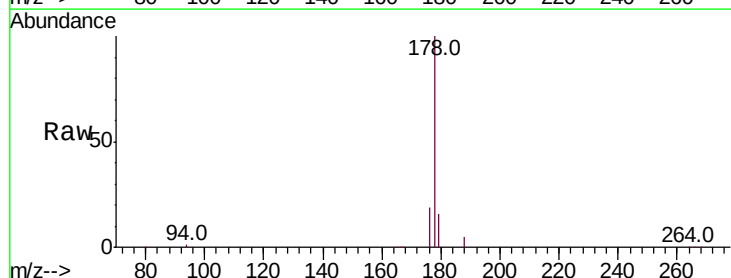
Tgt Ion:178 Resp: 79307

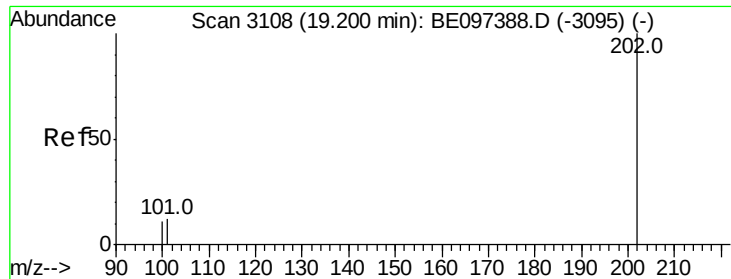
Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 19.1 13.6 20.4

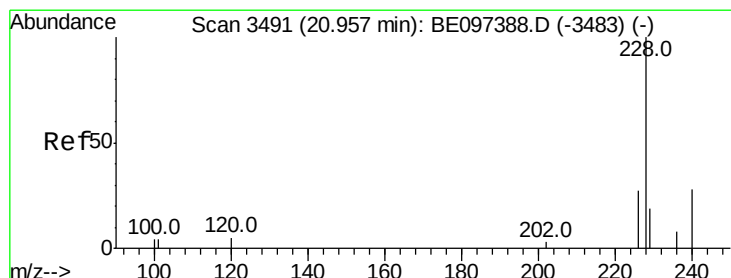
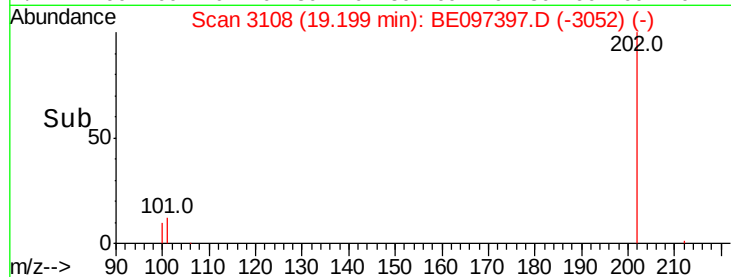
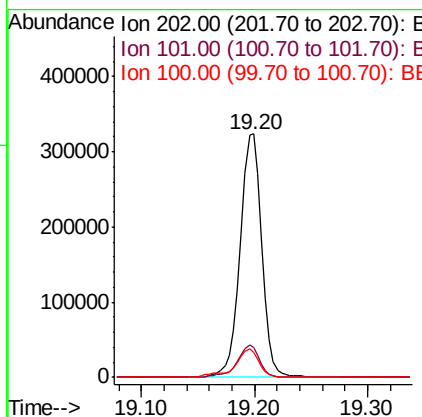
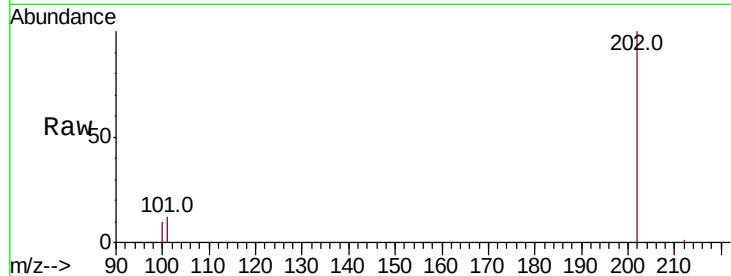




#17
Pvrene
Concen: 2245.737 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097397.D
Acq: 29 Aug 2018 19:54

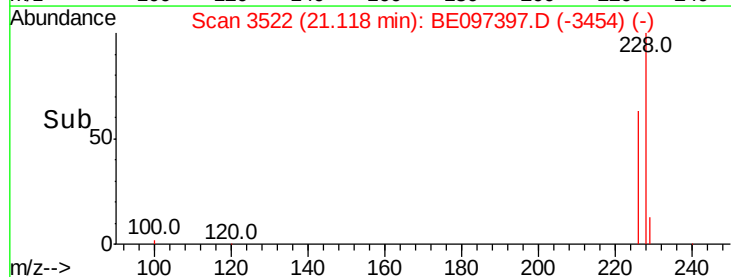
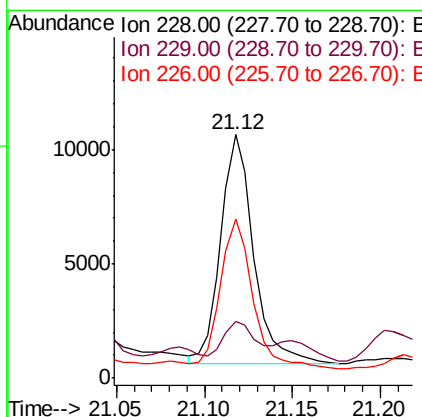
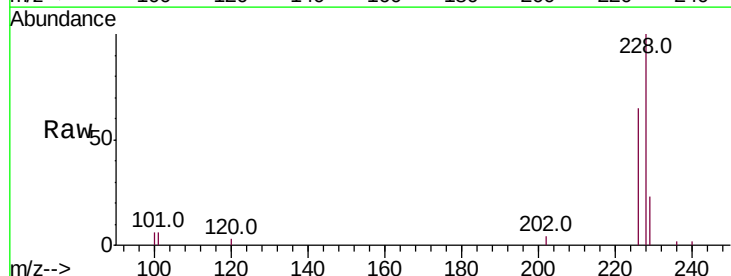
Instrument :
BNA_E
ClientSampleId :

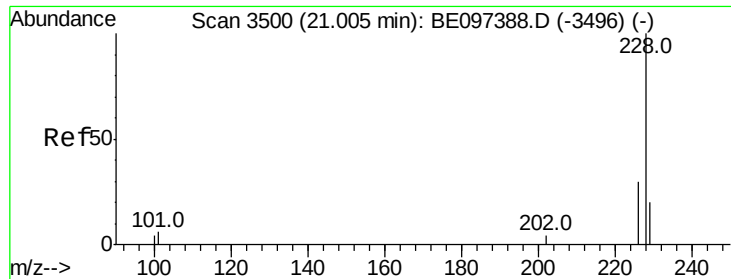
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	10.2	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 71.299 ng/ul
RT: 21.12 min Scan# 3522
Delta R.T. 0.16 min
Lab File: BE097397.D
Acq: 29 Aug 2018 19:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	22.8	34.2
226	65.2	17.0	25.6#





#19

Chrysene

Concen: 899.163 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

Instrument :

BNA_E

ClientSampleId :

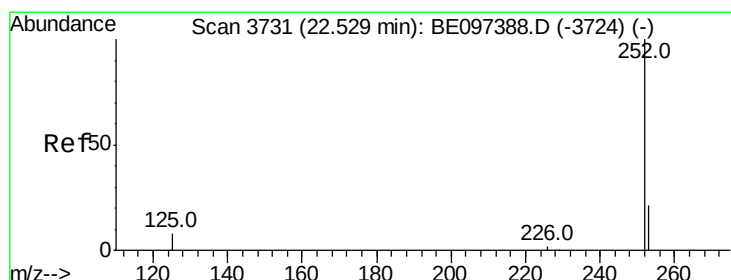
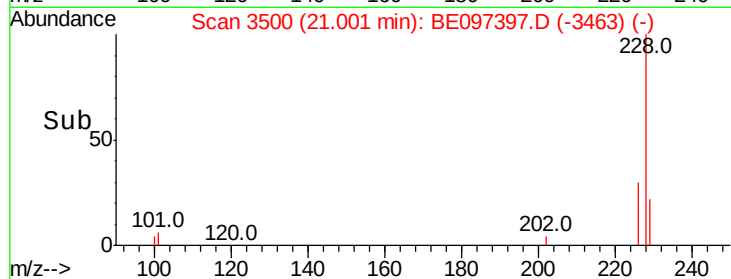
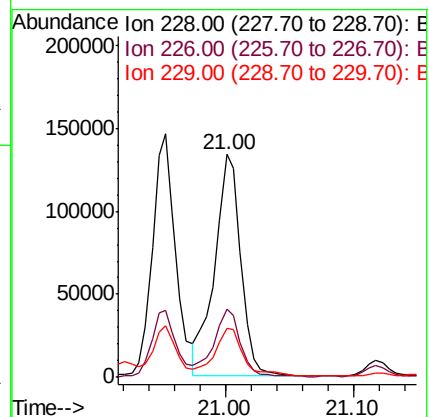
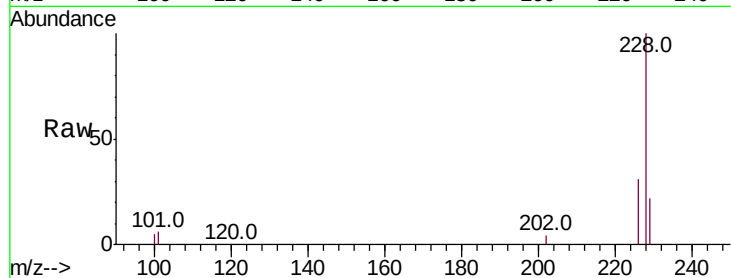
Tot Ion:228 Resp: 188949

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 22.3 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 11.886 ng/ul

RT: 22.70 min Scan# 3756

Delta R.T. 0.17 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

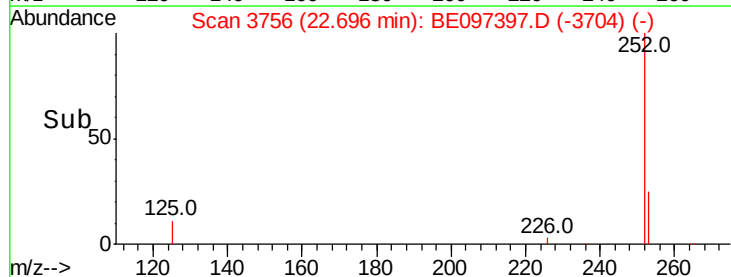
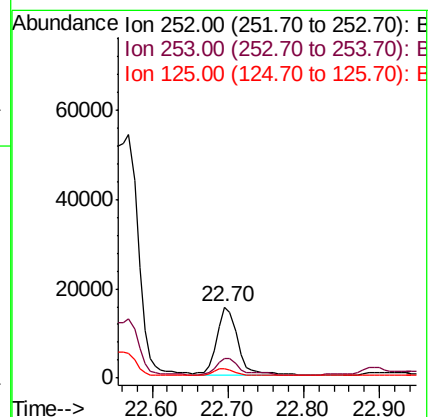
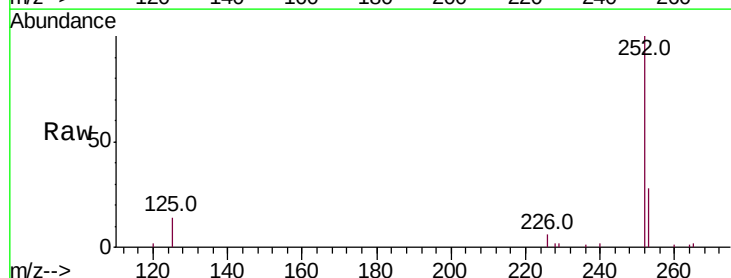
Tgt Ion:252 Resp: 29635

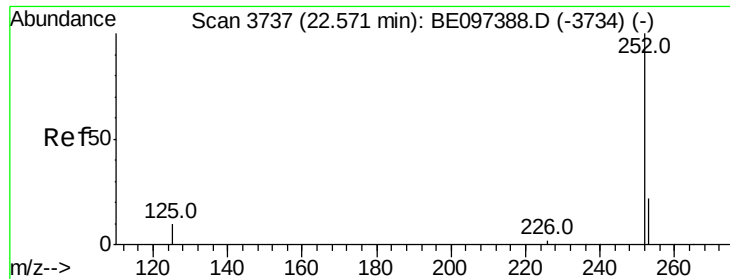
Ion Ratio Lower Upper

252 100

253 28.3 0.0 64.2

125 14.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 9.373 ng/ul

RT: 22.70 min Scan# 3756

Delta R.T. 0.12 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

Instrument :

BNA_E

ClientSampleId :

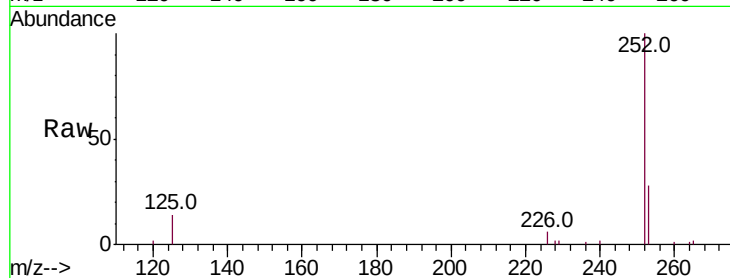
Tot Ion:252 Resp: 26058

Ion Ratio Lower Upper

252 100

253 28.3 24.5 36.7

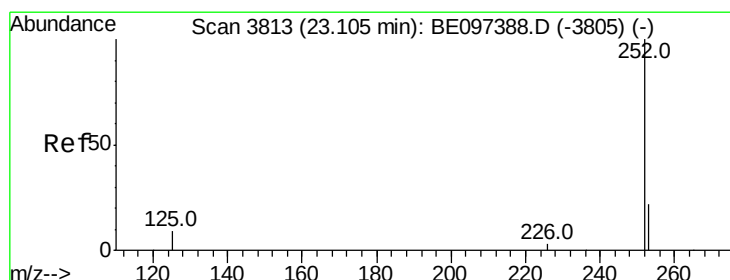
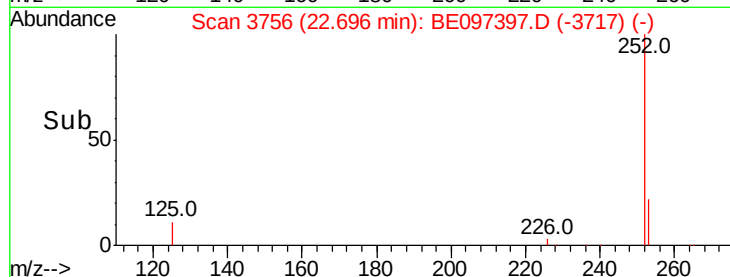
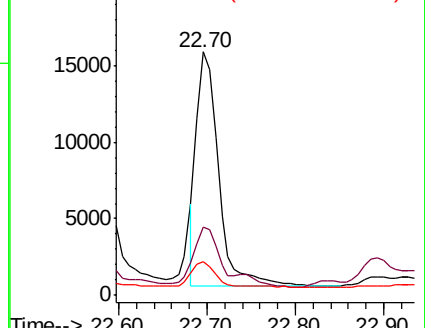
125 14.1 13.7 20.5



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: 0.273 ng/ul

RT: 23.40 min Scan# 3856

Delta R.T. 0.29 min

Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

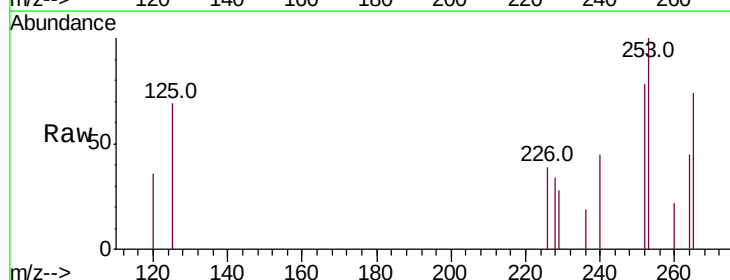
Tgt Ion:252 Resp: 629

Ion Ratio Lower Upper

252 100

253 128.7 28.5 42.7#

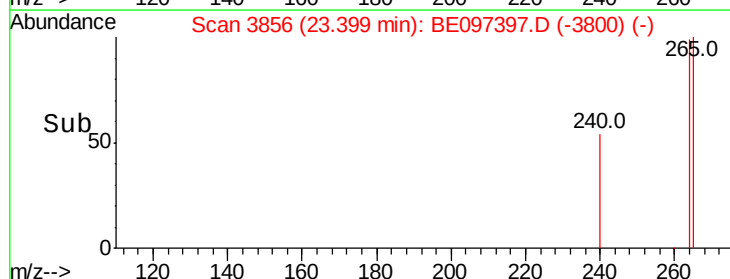
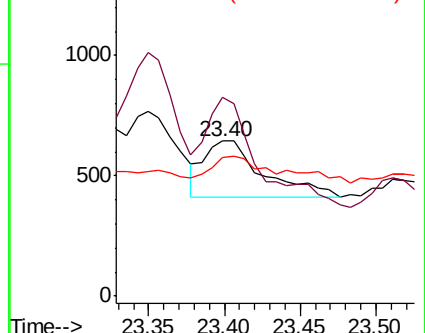
125 89.4 18.1 27.1#

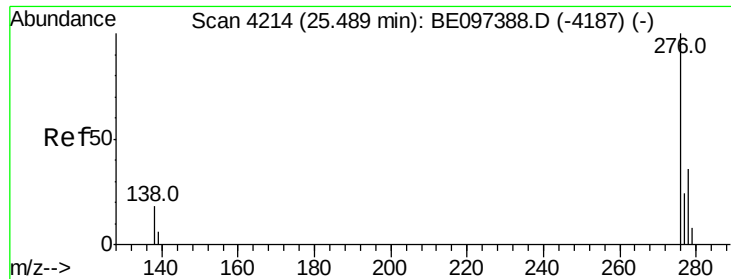


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



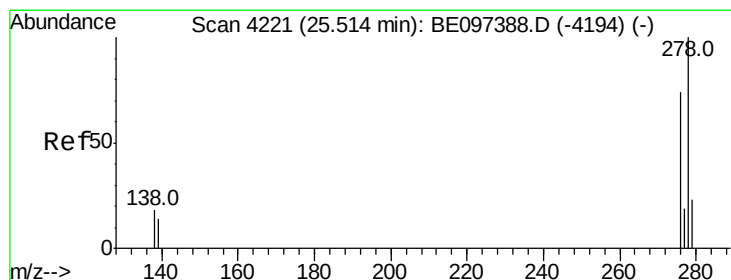
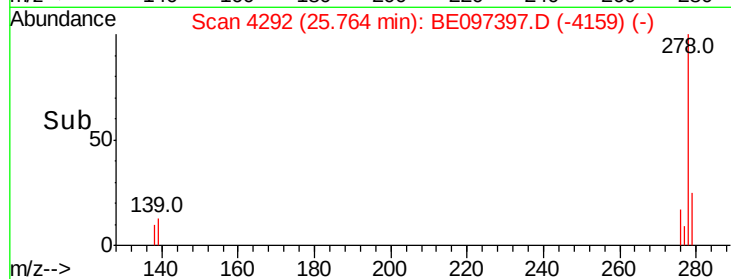
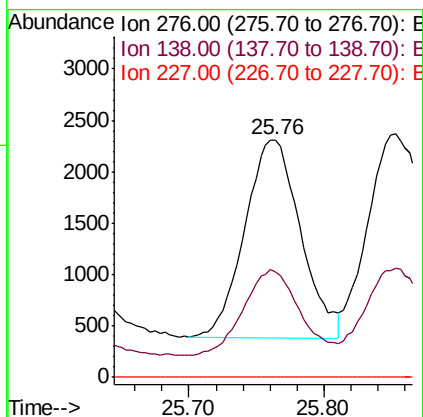
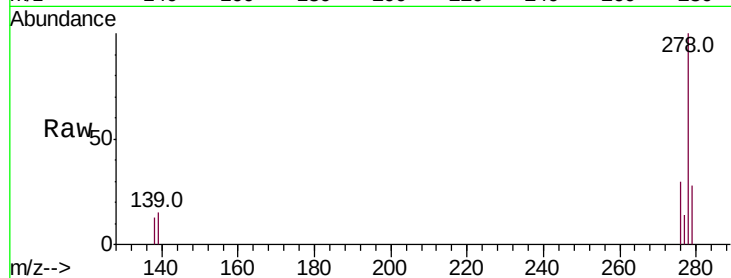


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.859 ng/ul
RT: 25.76 min Scan# 4292
Delta R.T. 0.28 min
Lab File: BE097397.D
Acq: 29 Aug 2018 19:54

Instrument :
BNA_E
ClientSampleId :

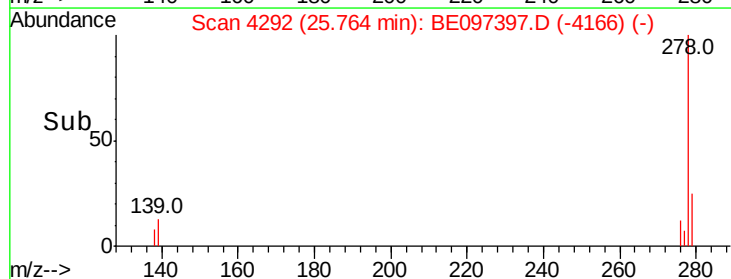
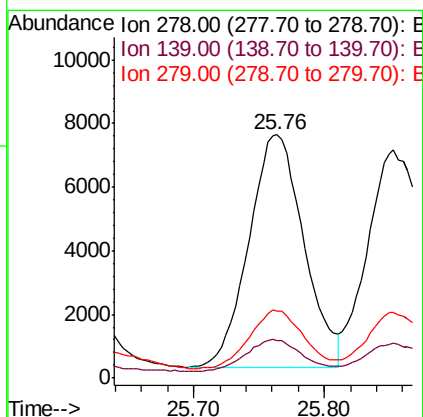
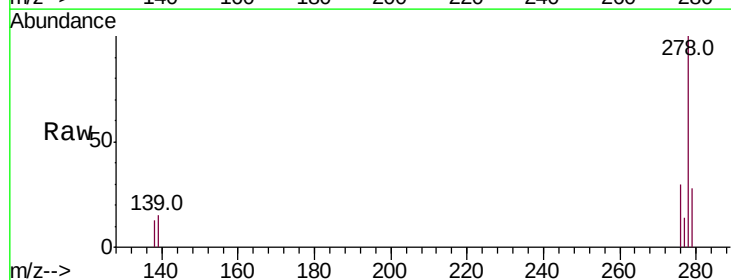
Tot Ion:276 Resp: 5558
Ion Ratio Lower Upper
276 100
138 43.3 28.0 42.0#
227 0.0 8.0 12.0#

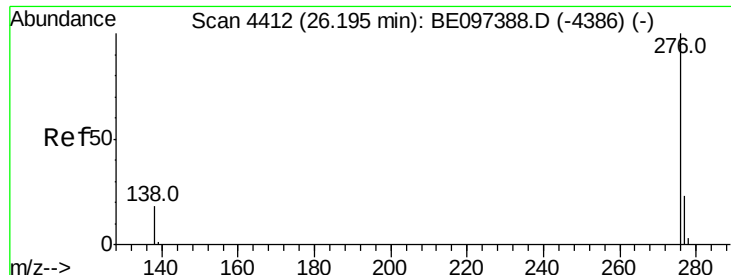


#25

Dibenzo(a,h)anthracene
Concen: 8.433 ng/ul
RT: 25.76 min Scan# 4292
Delta R.T. 0.25 min
Lab File: BE097397.D
Acq: 29 Aug 2018 19:54

Tgt Ion:278 Resp: 21361
Ion Ratio Lower Upper
278 100
139 15.5 17.4 26.0#
279 27.7 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 8.930 ng/ul

RT: 26.56 min Scan# 4515

Delta R.T. 0.36 min

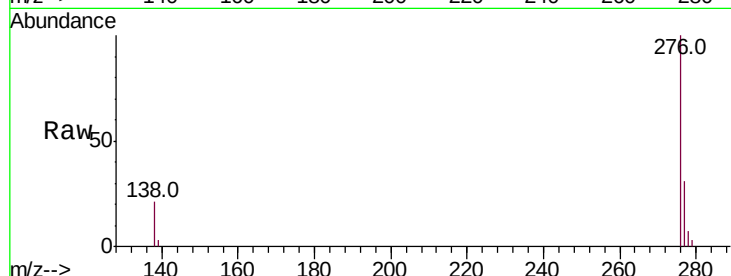
Lab File: BE097397.D

Acq: 29 Aug 2018 19:54

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 22759

Ion Ratio Lower Upper

276 100

138 21.2 21.8 32.8#

277 30.6 20.5 30.7

