

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097139.D
 Acq On : 1 Aug 2018 21:15
 Operator : SJ/JU
 Sample : J4149-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 01:04:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 01 16:16:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1366	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4394	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1047811	0.40	ng/ul	0.11
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.21	264	17408	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	4662	0.42	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

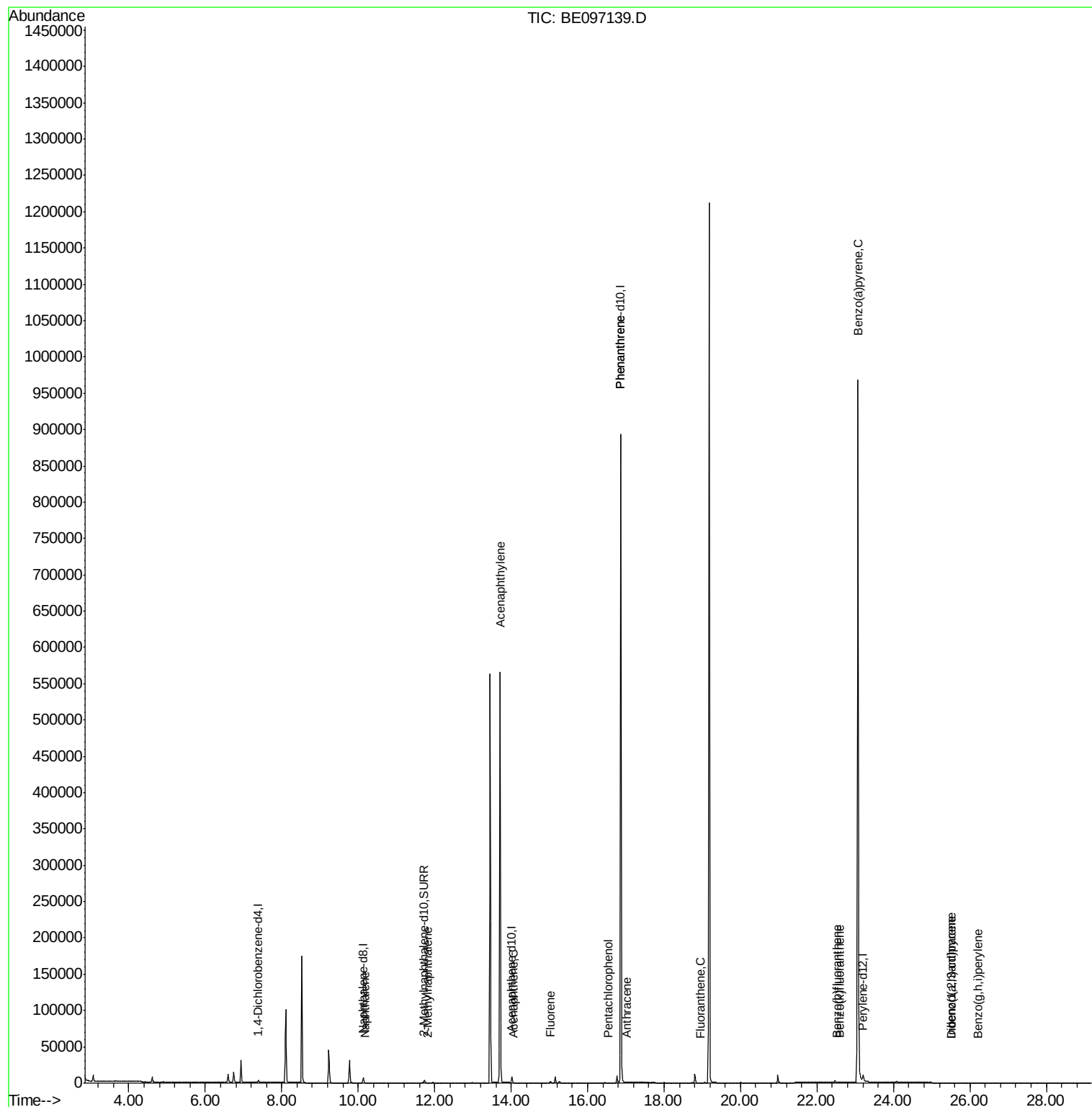
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.19	128	93	0.006	ng/ul#	14
5) 2-Methylnaphthalene	11.81	142	27	0.002	ng/ul	82
7) Acenaphthylene	13.70	152	68	0.004	ng/ul#	1
8) Acenaphthene	14.07	153	19	0.001	ng/ul#	71
9) Fluorene	15.02	166	1498	0.095	ng/ul#	20
11) Pentachlorophenol	16.54	266	2	0.000	ng/ul#	16
12) Phenanthrene	16.87	178	480	0.000	ng/ul#	1
13) Anthracene	17.02	178	5	0.000	ng/ul#	1
15) Fluoranthene	18.94	202	1	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.53	252	19	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.59	252	23	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.08	252	4266	0.090	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	5	0.000	ng/ul#	34
25) Dibenzo(a,h)anthracene	25.52	278	1	0.000	ng/ul#	1
26) Benzo(a,h,i)perylene	26.21	276	4	0.000	ng/ul#	1

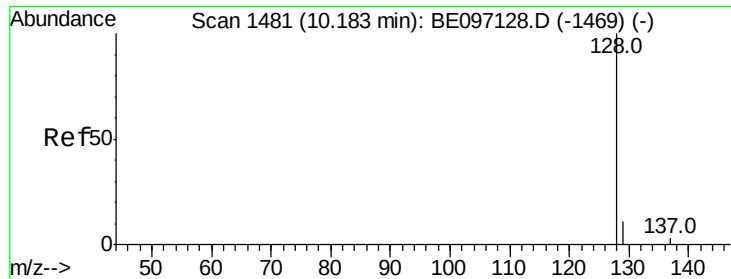
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097139.D
Acq On : 1 Aug 2018 21:15
Operator : SJ/JU
Sample : J4149-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 02 01:04:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 01 16:16:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.006 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

Instrument :

BNA_E

ClientSampled :

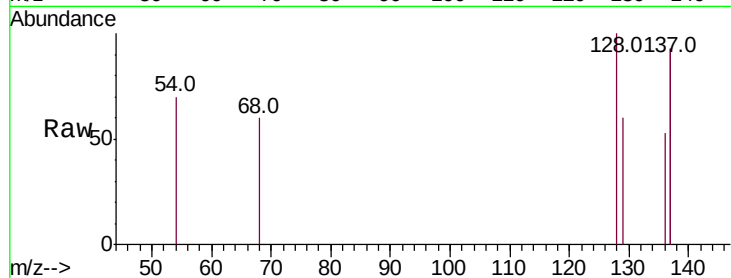
Tot Ion:128 Resp: 93

Ion Ratio Lower Upper

128 100

129 59.6 11.3 16.9#

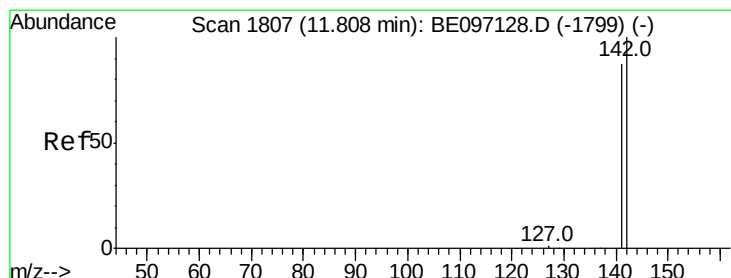
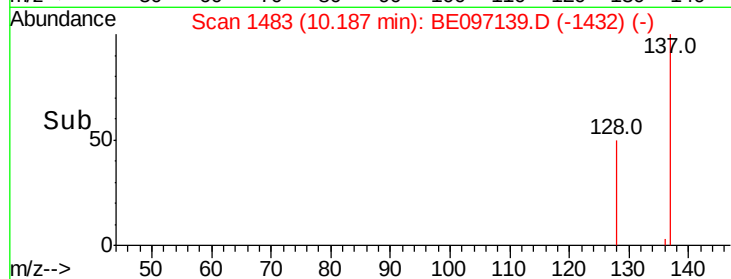
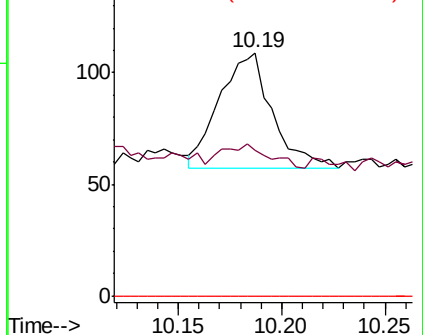
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

150 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.002 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BE097139.D

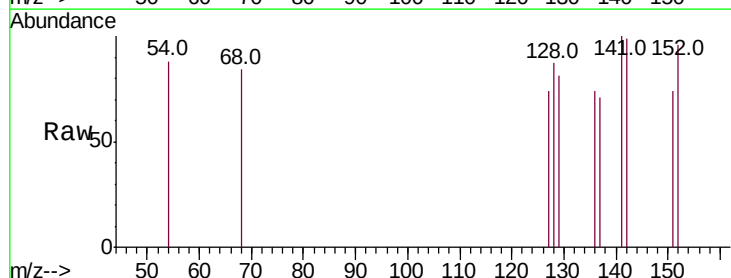
Acq: 1 Aug 2018 21:15

Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

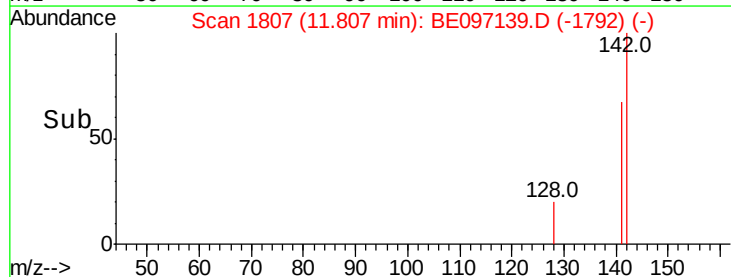
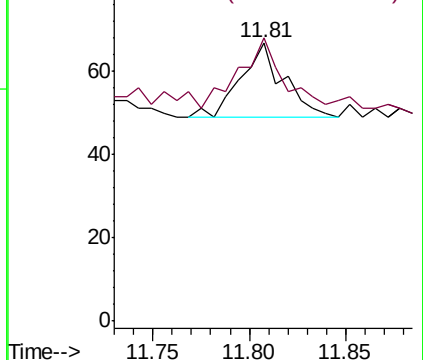
142 100

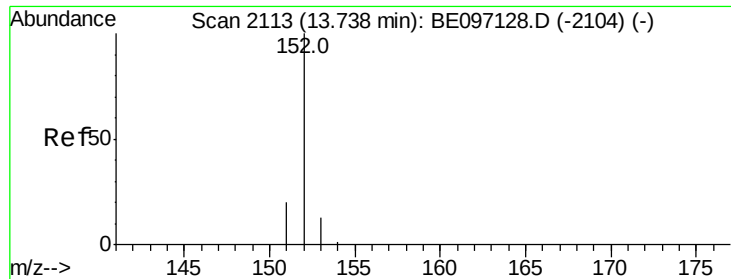
141 107.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

80 Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.70 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

Instrument :

BNA_E

ClientSampleId :

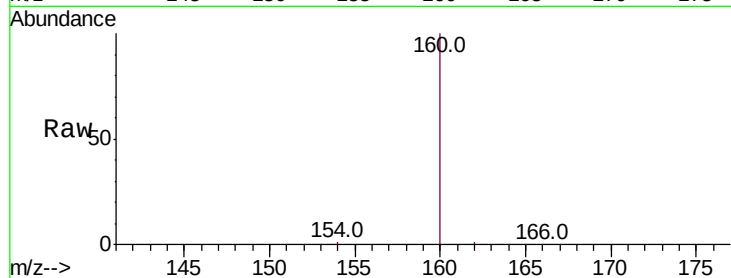
Tot Ion:152 Resp: 68

Ion Ratio Lower Upper

152 100

151 67.1 17.1 25.7#

153 152.9 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

200

150

100

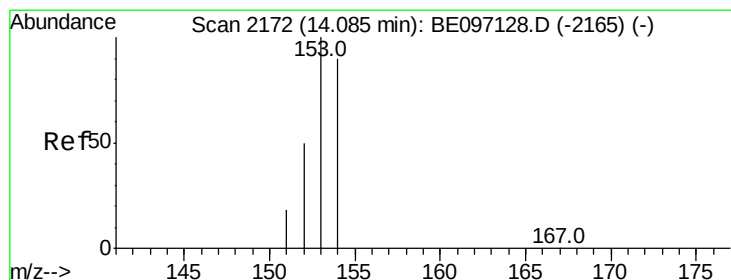
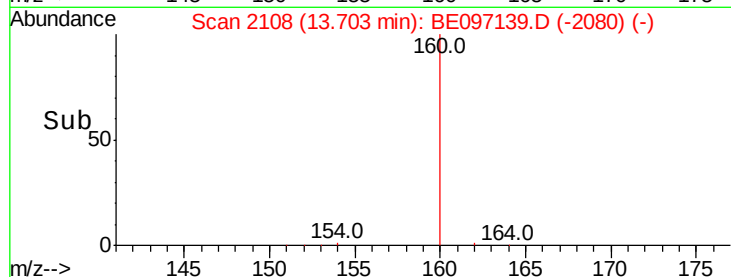
50

0

13.70

13.80

Time-->



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

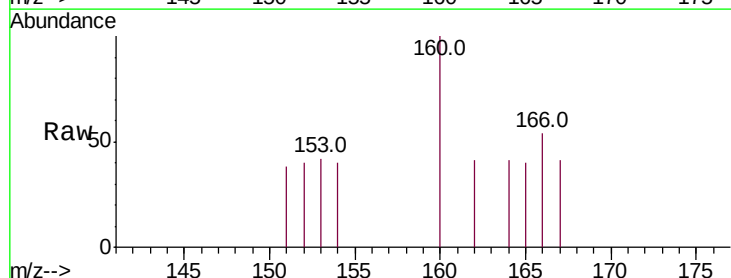
Tgt Ion:153 Resp: 19

Ion Ratio Lower Upper

153 100

152 94.6 36.0 54.0#

154 94.6 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

80

60

40

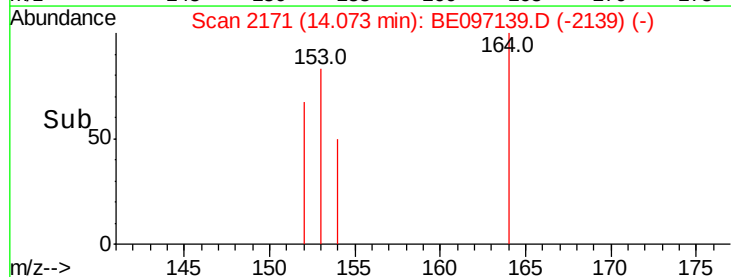
20

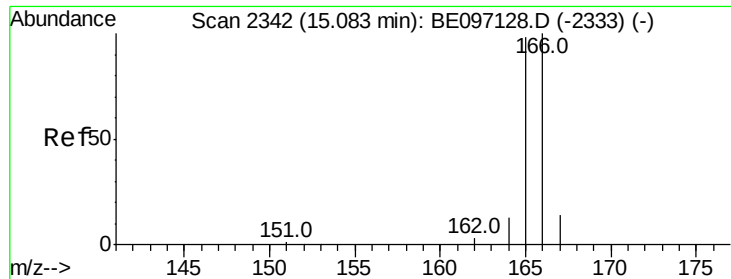
0

14.07

14.15

Time-->





#9

Fluorene

Concen: 0.095 ng/ul

RT: 15.02 min Scan# 2333

Delta R.T. -0.06 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

Instrument :

BNA_E

ClientSampleId :

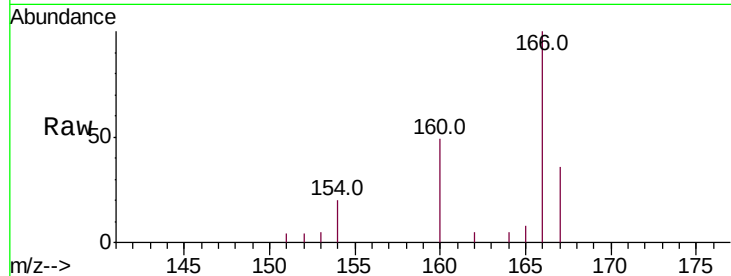
Tot Ion:166 Resp: 1498

Ion Ratio Lower Upper

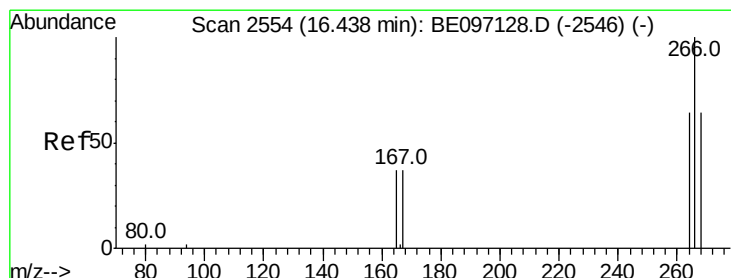
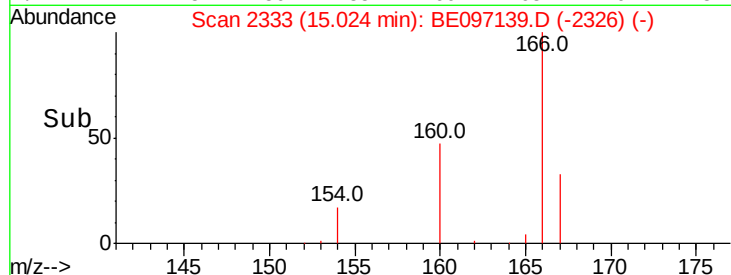
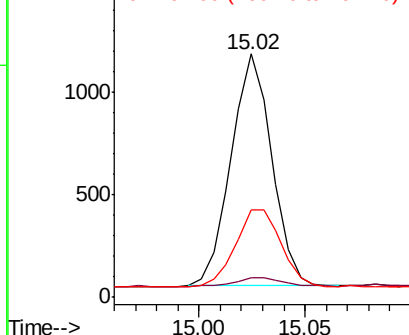
166 100

165 8.2 73.4 110.2#

167 36.0 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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.54 min Scan# 2570

Delta R.T. 0.11 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

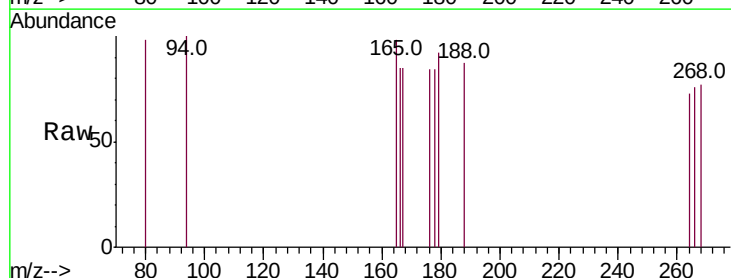
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

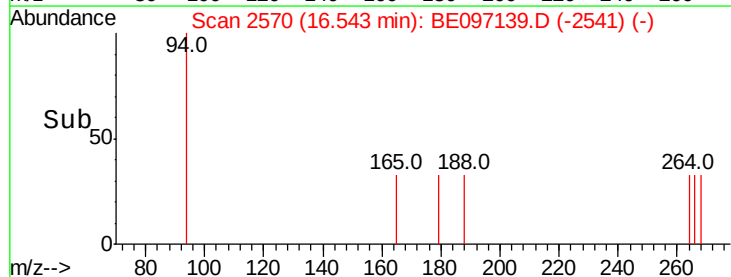
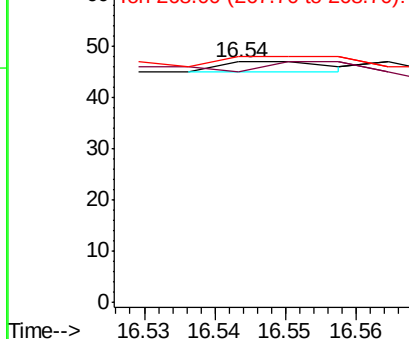
266 100

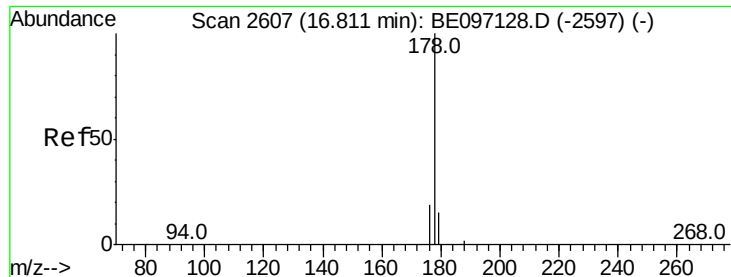
264 100.0 47.9 71.9#

268 150.0 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





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 16.87 min Scan# 2617

Delta R.T. 0.06 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

Instrument :

BNA_E

ClientSampleId :

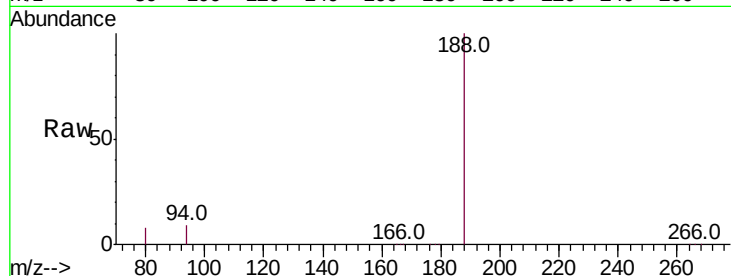
Tot Ion:178 Resp: 480

Ion Ratio Lower Upper

178 100

179 276.7 18.4 27.6#

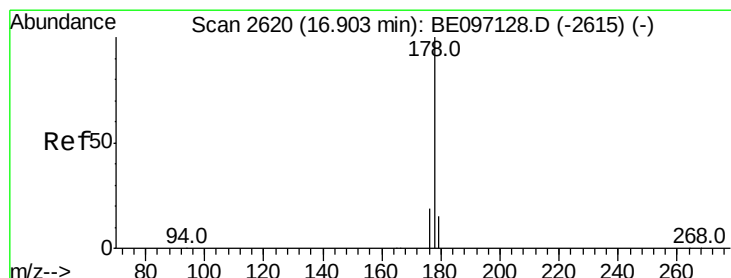
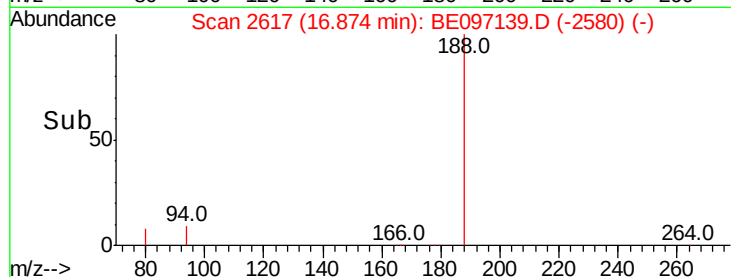
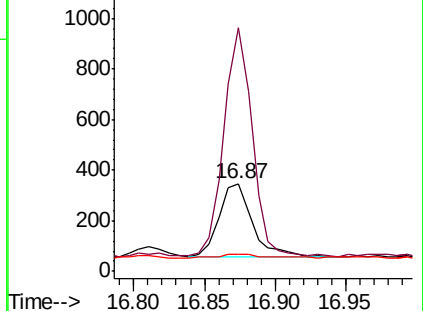
176 19.0 13.6 20.4



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: 0.000 ng/ul

RT: 17.02 min Scan# 2638

Delta R.T. 0.12 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

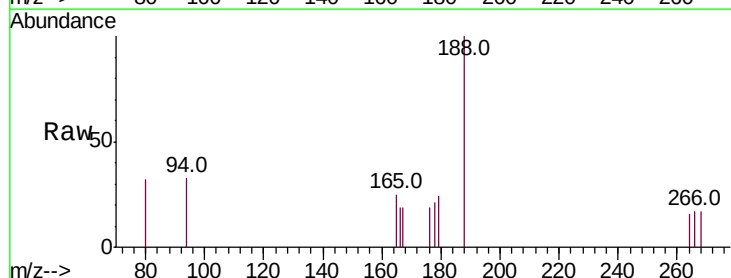
Tgt Ion:178 Resp: 5

Ion Ratio Lower Upper

178 100

179 109.8 18.1 27.1#

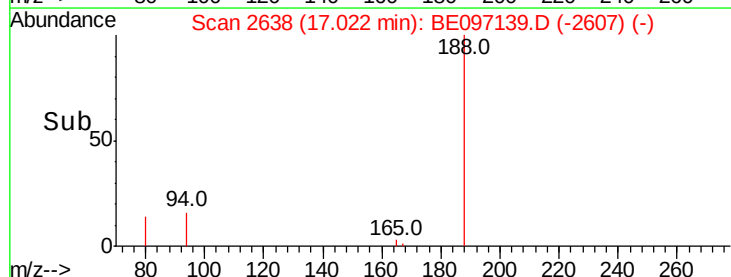
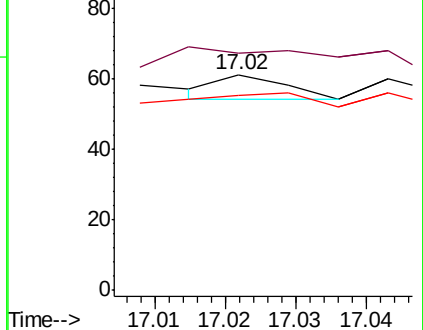
176 90.2 14.7 22.1#

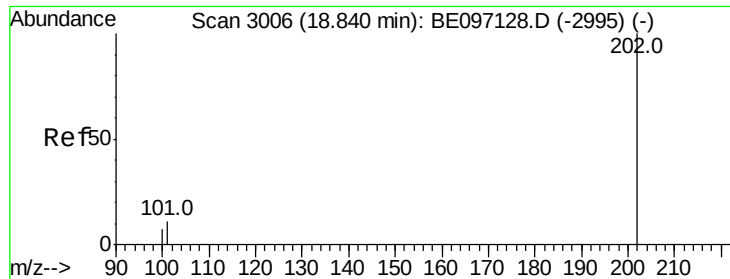


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

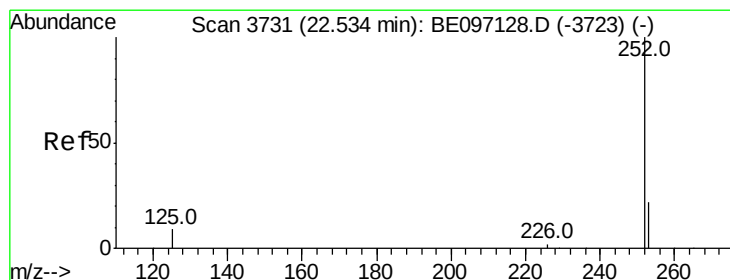
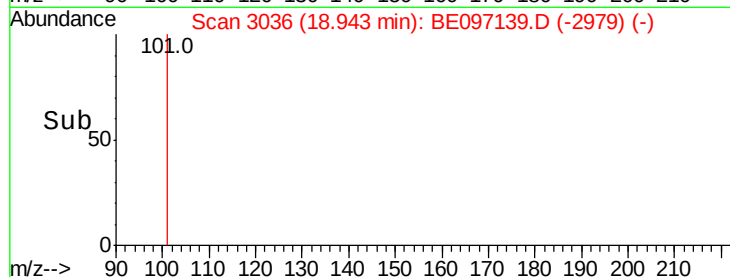
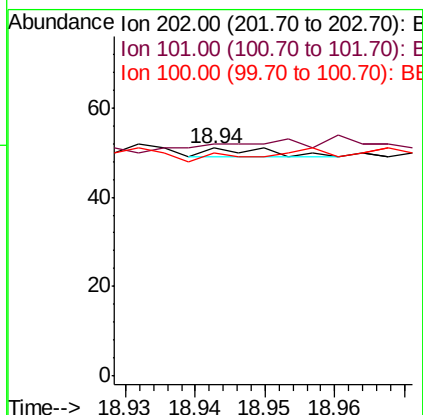
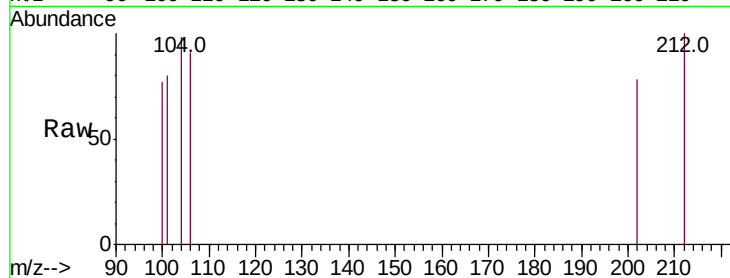




#15
Fluoranthene
Concen: 0.000 ng/ul
RT: 18.94 min Scan# 3036
Delta R.T. 0.10 min
Lab File: BE097139.D
Acq: 1 Aug 2018 21:15

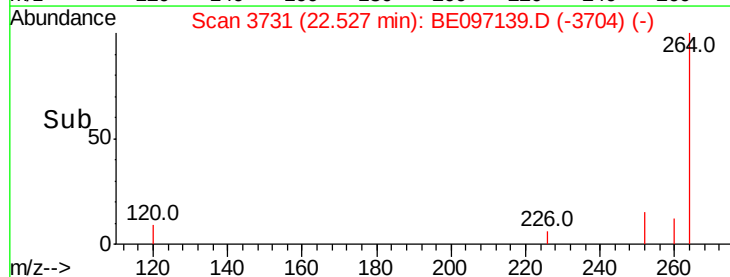
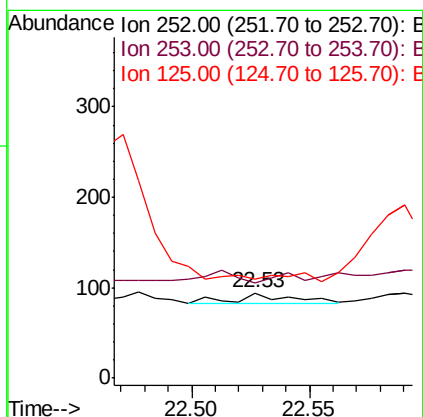
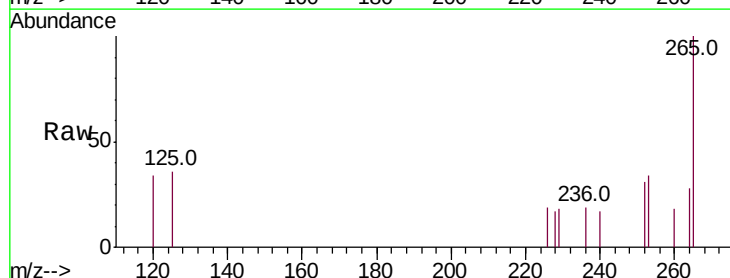
Instrument :
BNA_E
ClientSampleId :

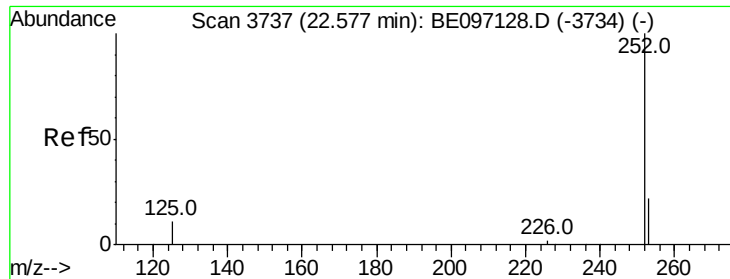
Tot Ion:202 Resp: 1
Ion Ratio Lower Upper
202 100
101 102.0 0.0 30.3#
100 98.0 0.0 39.5#



#21
Benzo(b)fluoranthene
Concen: 0.000 ng/ul
RT: 22.53 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BE097139.D
Acq: 1 Aug 2018 21:15

Tgt Ion:252 Resp: 19
Ion Ratio Lower Upper
252 100
253 111.7 0.0 64.2#
125 117.0 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.59 min Scan# 3740

Delta R.T. 0.01 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

Instrument :

BNA_E

ClientSampleId :

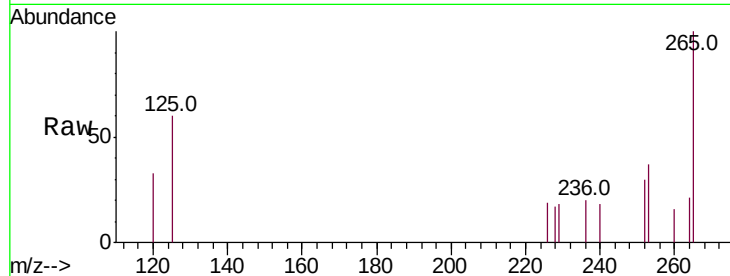
Tot Ion:252 Resp: 23

Ion Ratio Lower Upper

252 100

253 126.6 24.5 36.7#

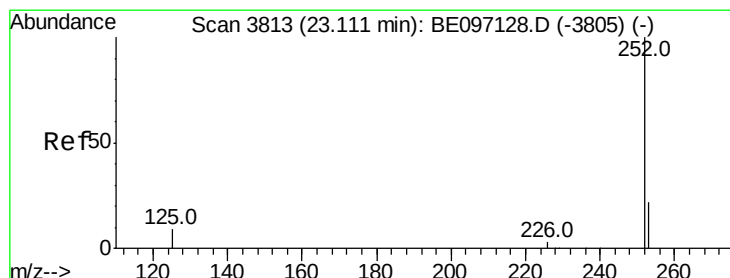
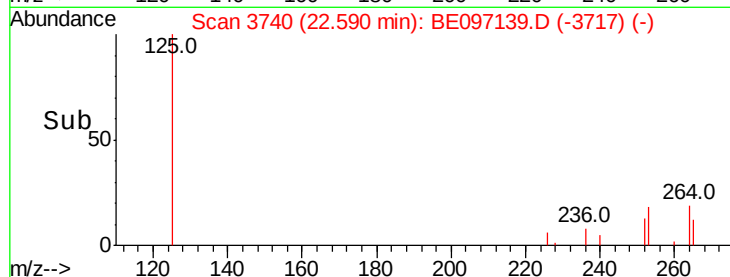
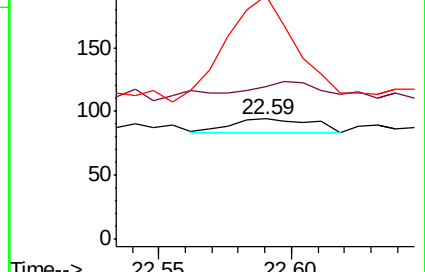
125 203.2 13.7 20.5#



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: 0.090 ng/ul

RT: 23.08 min Scan# 3809

Delta R.T. -0.04 min

Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

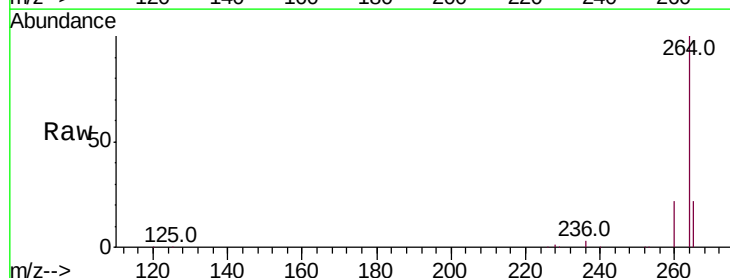
Tgt Ion:252 Resp: 4266

Ion Ratio Lower Upper

252 100

253 39.9 28.5 42.7

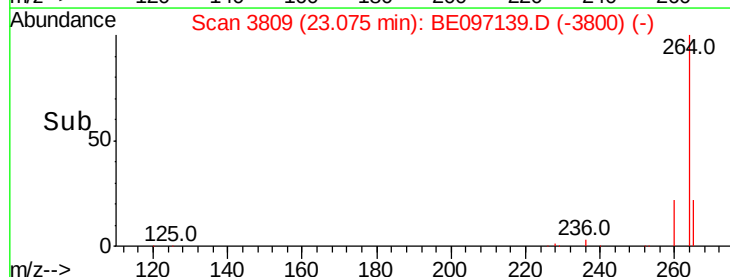
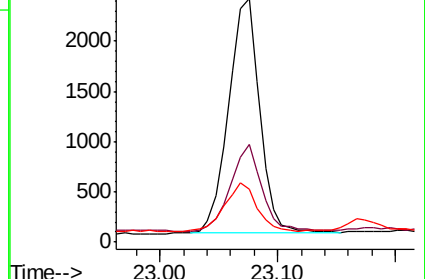
125 21.8 18.1 27.1

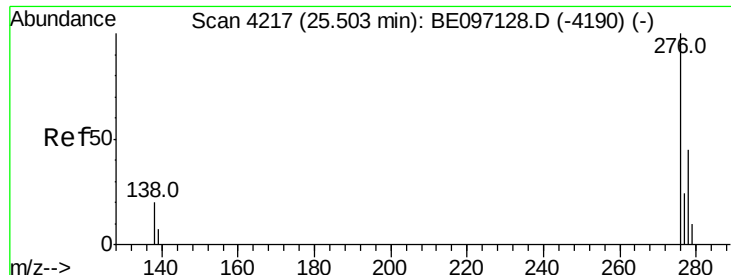


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



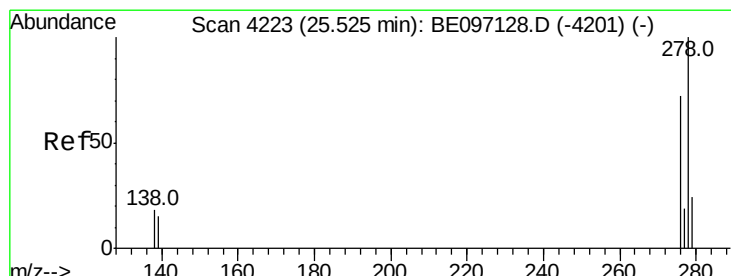
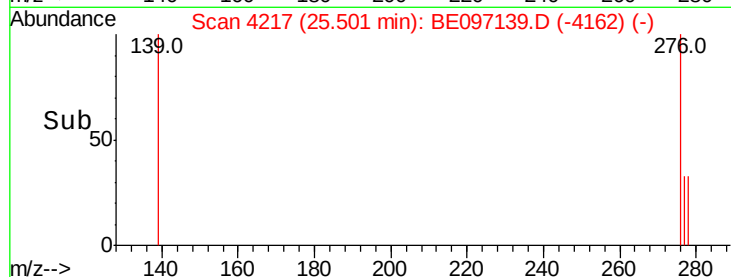
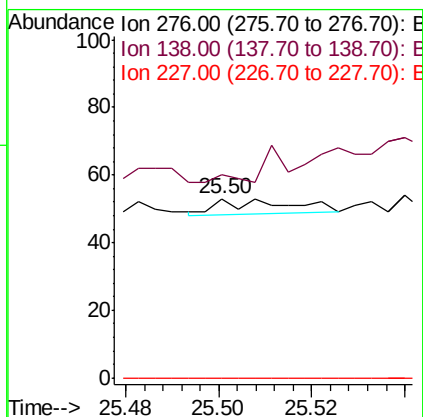
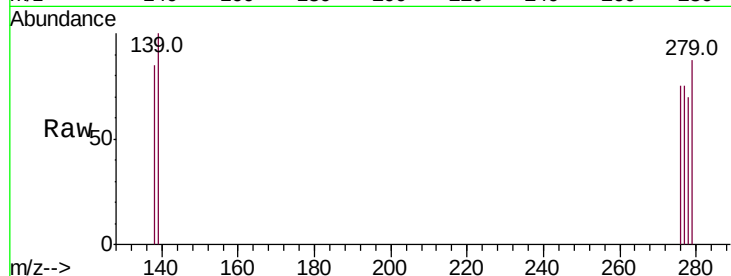


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE097139.D
Acq: 1 Aug 2018 21:15

Instrument :
BNA_E
ClientSampleId :

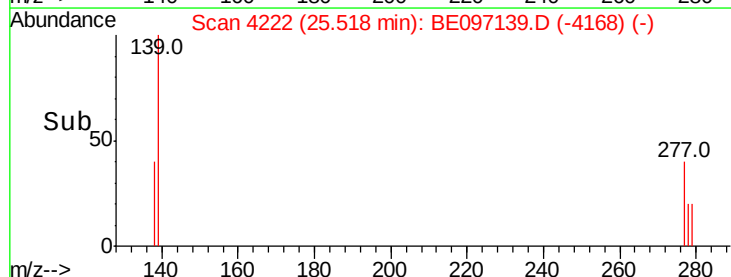
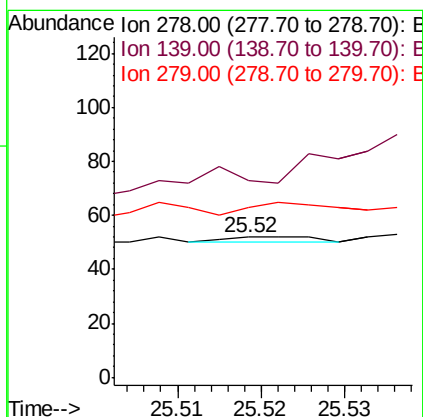
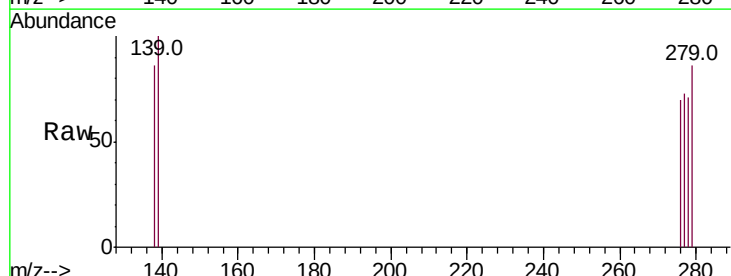
Tot Ion:276 Resp: 5
Ion Ratio Lower Upper
276 100
138 80.0 28.0 42.0#
227 0.0 8.0 12.0#

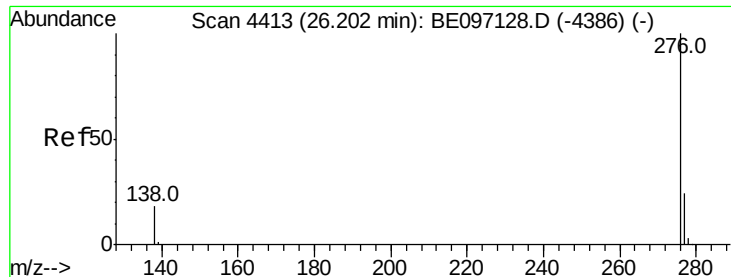


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE097139.D
Acq: 1 Aug 2018 21:15

Tgt Ion:278 Resp: 1
Ion Ratio Lower Upper
278 100
139 140.4 17.4 26.0#
279 121.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.21 min Scan# 4416

Delta R.T. 0.01 min

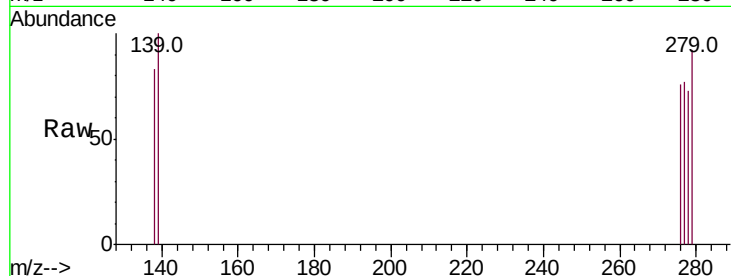
Lab File: BE097139.D

Acq: 1 Aug 2018 21:15

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
138	109.3	21.8	32.8#
277	101.9	20.5	30.7#

