

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097299.D
 Acq On : 17 Aug 2018 16:31
 Operator : SJ/JU
 Sample : J4424-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 23:15:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:15:15 2018
 Response via : Initial Calibration

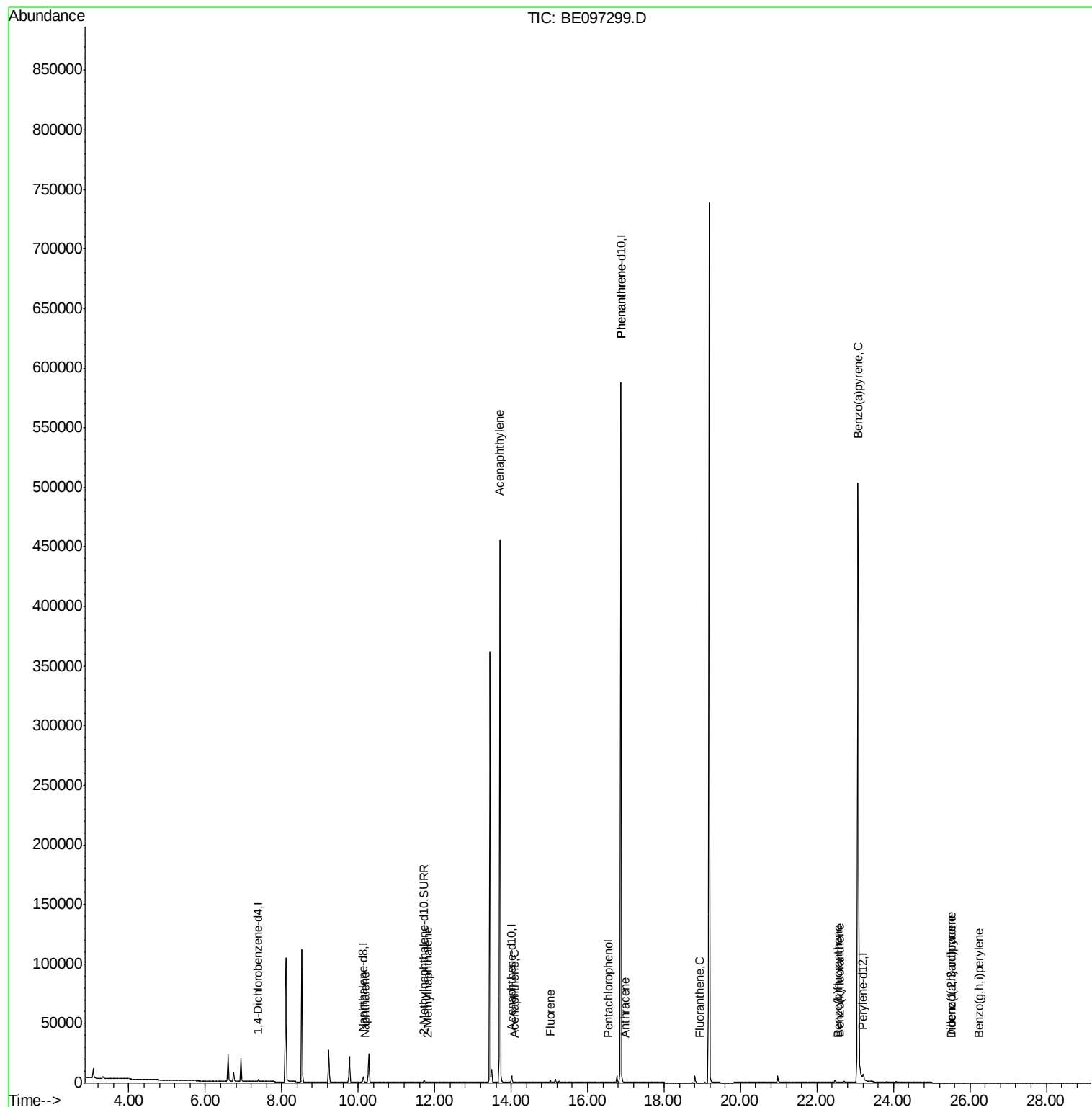
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5224	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3056	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	636261	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.21	264	13029	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2800	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	35	0.003	ng/ul#	1
5) 2-Methylnaphthalene	11.80	142	21	0.003	ng/ul	90
7) Acenaphthylene	13.70	152	51	0.004	ng/ul#	1
8) Acenaphthene	14.07	153	50	0.005	ng/ul#	74
9) Fluorene	15.02	166	1019	0.094	ng/ul#	22
11) Pentachlorophenol	16.54	266	3	0.000	ng/ul#	20
12) Phenanthrene	16.87	178	297	0.000	ng/ul#	1
13) Anthracene	16.97	178	15	0.000	ng/ul#	1
15) Fluoranthene	18.93	202	1	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.54	252	54	0.002	ng/ul#	1
22) Benzo(k)fluoranthene	22.58	252	59	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.08	252	2298	0.071	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.51	276	8	0.000	ng/ul#	47
25) Dibenzo(a,h)anthracene	25.52	278	6	0.000	ng/ul#	1
26) Benzo(a,h,i)perylene	26.23	276	24	0.001	ng/ul#	1

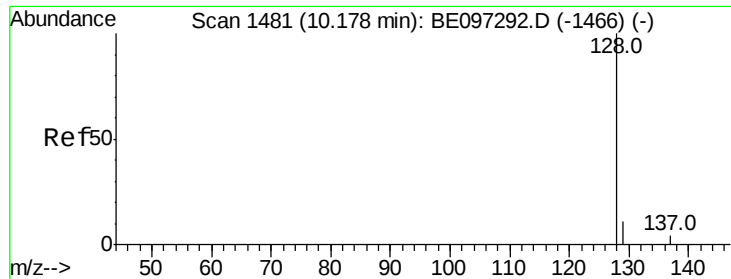
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.003 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

Instrument :

BNA_E

ClientSampleId :

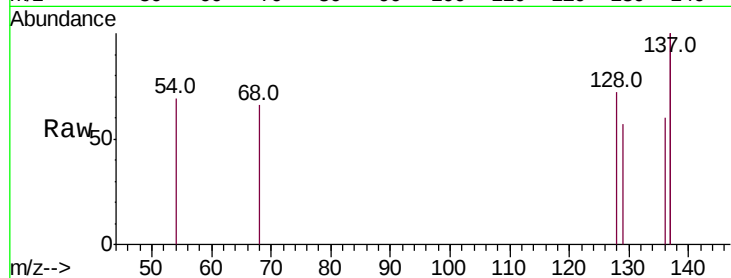
Tot Ion:128 Resp: 35

Ion Ratio Lower Upper

128 100

129 79.1 11.3 16.9#

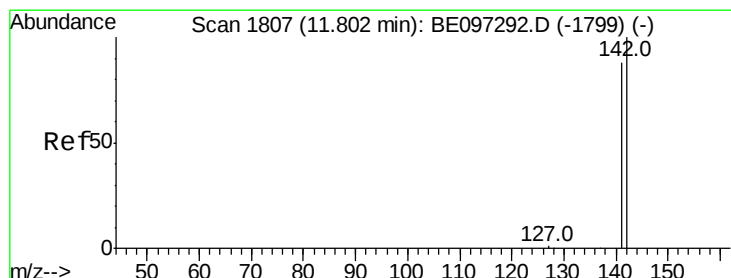
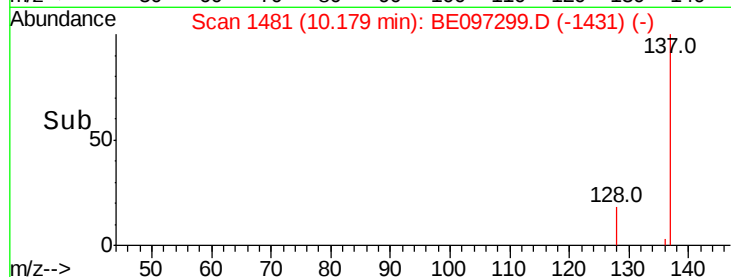
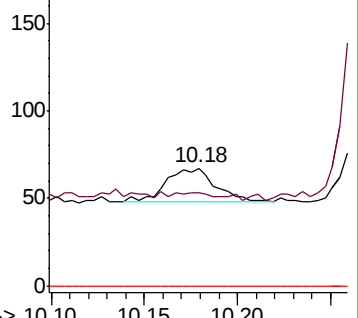
127 0.0 4.0 6.0#



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: 0.003 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097299.D

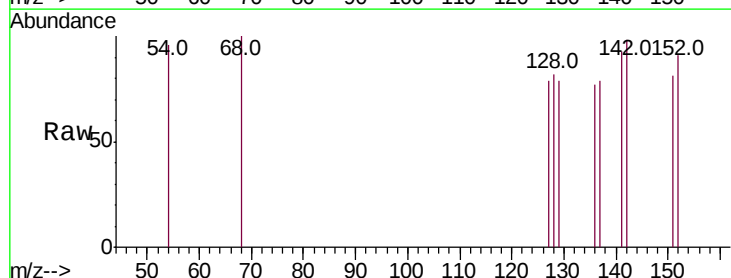
Acq: 17 Aug 2018 16:31

Tgt Ion:142 Resp: 21

Ion Ratio Lower Upper

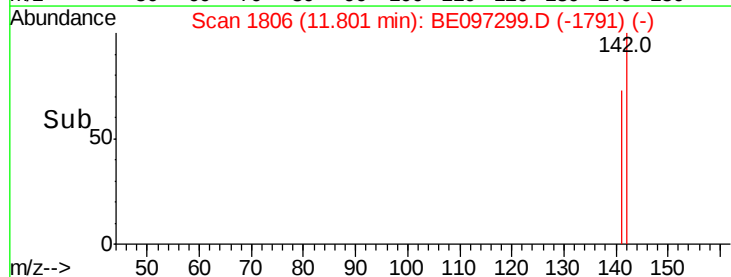
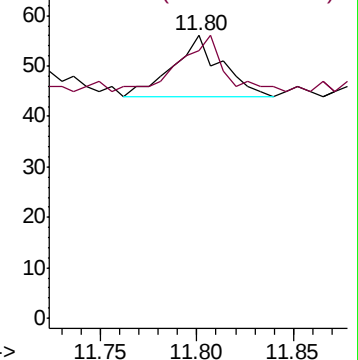
142 100

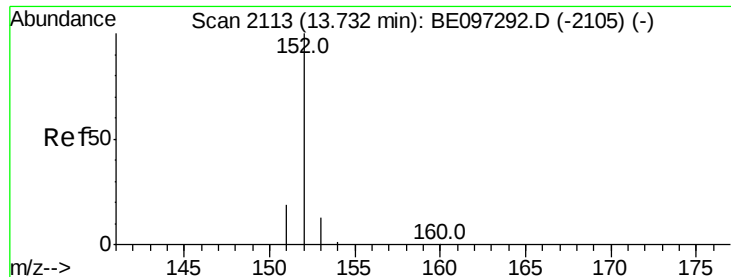
141 81.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.70 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BE097299.D

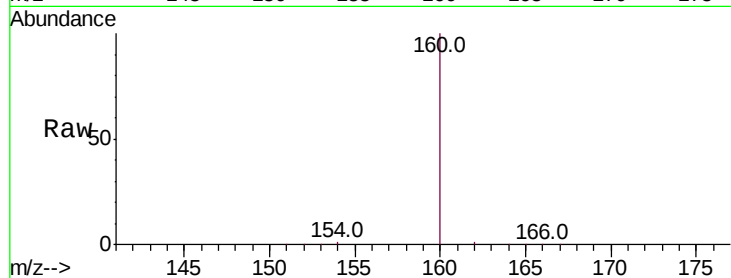
Acq: 17 Aug 2018 16:31

Instrument :

BNA_E

ClientSampleId :

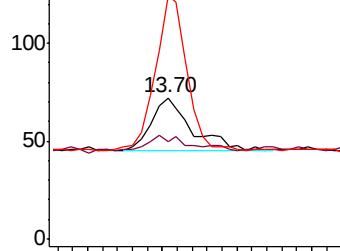
Tot Ion:	152	Resp:	51
Ion	Ratio	Lower	Upper
152	100		
151	69.4	17.1	25.7#
153	172.2	12.8	19.2#



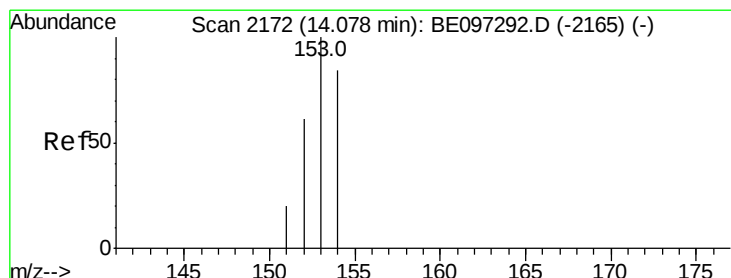
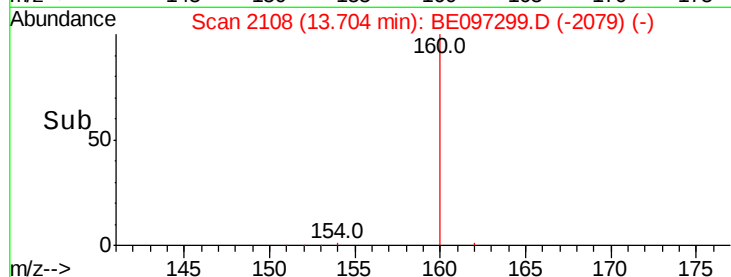
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.005 ng/ul

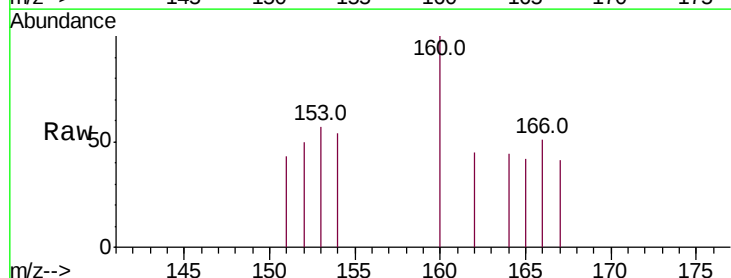
RT: 14.07 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

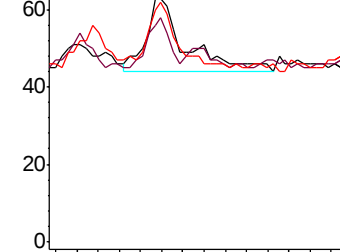
Tgt Ion:	153	Resp:	50
Ion	Ratio	Lower	Upper
153	100		
152	88.9	36.0	54.0#
154	95.2	72.0	108.0



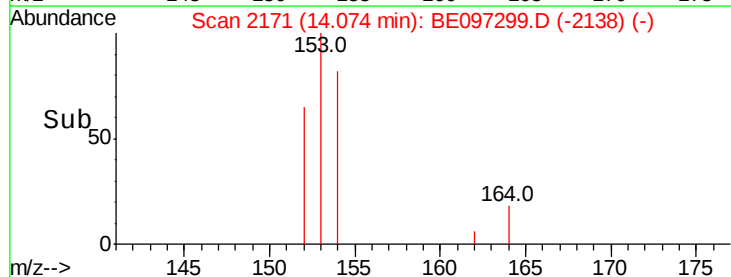
Abundance Ion 153.00 (152.70 to 153.70): E

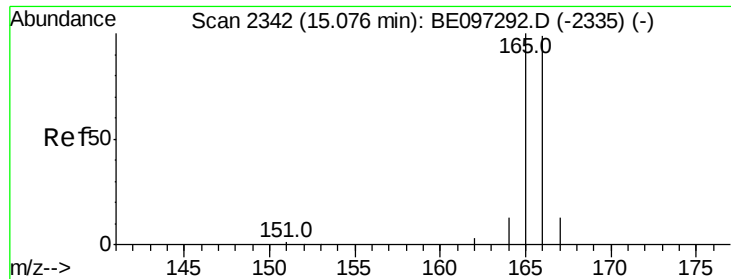
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.094 ng/ul

RT: 15.02 min Scan# 2332

Delta R.T. -0.06 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

Instrument :

BNA_E

ClientSampleId :

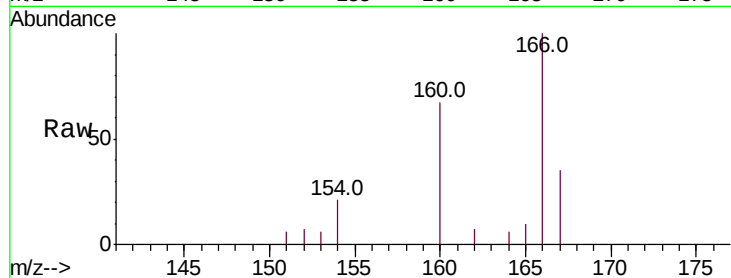
Tot Ion:166 Resp: 1019

Ion Ratio Lower Upper

166 100

165 9.8 73.4 110.2#

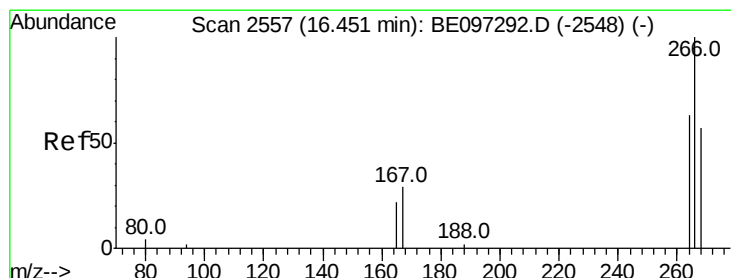
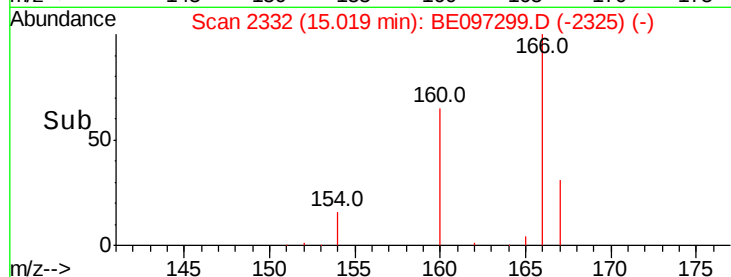
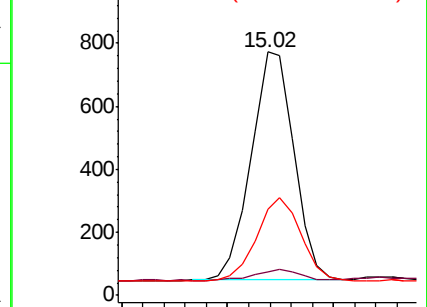
167 35.2 14.6 22.0#



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. 0.09 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

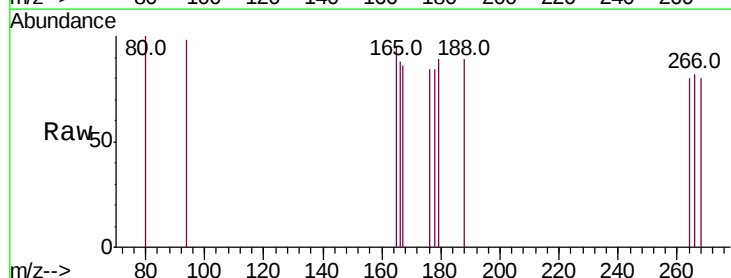
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

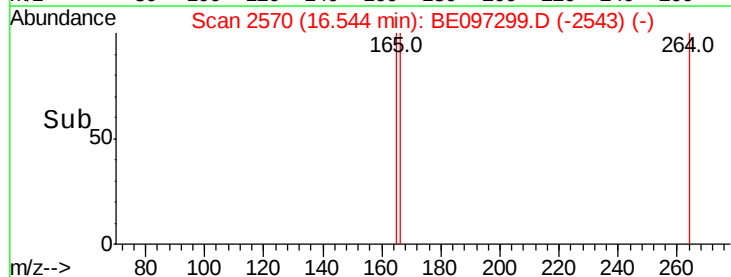
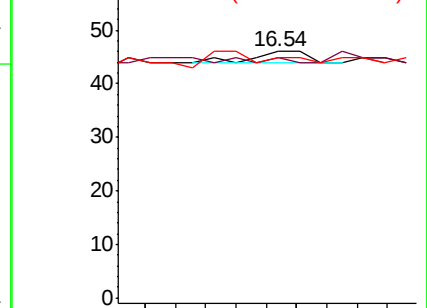
268 0.0 49.8 74.8#

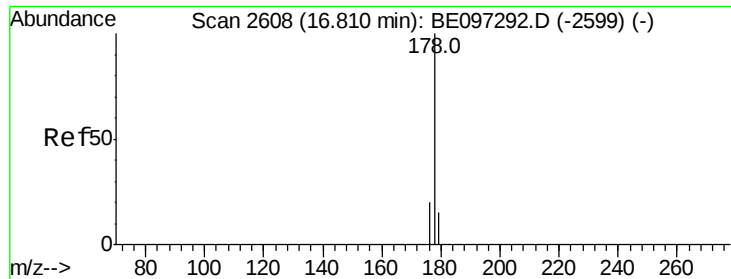


Abundance Ion 266.00 (265.70 to 266.70): E

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# 2616

Delta R.T. 0.06 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

Instrument :

BNA_E

ClientSampleId :

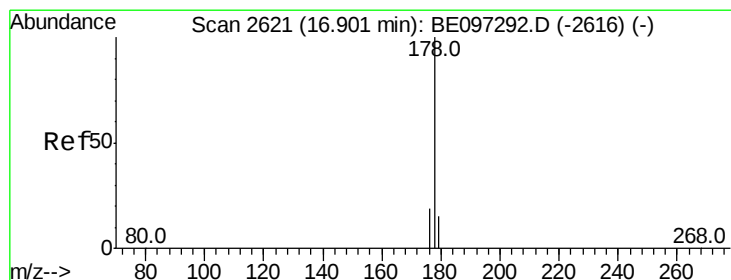
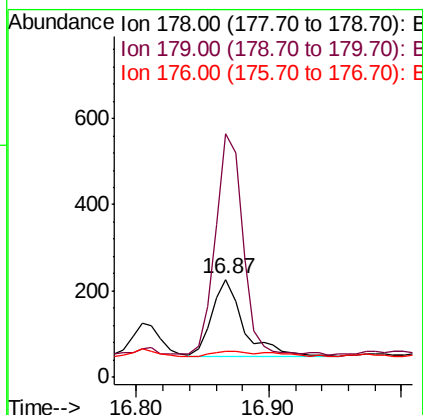
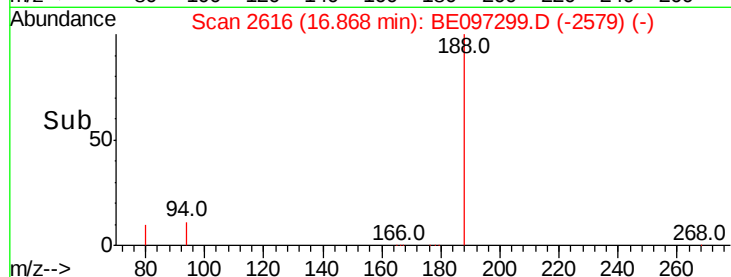
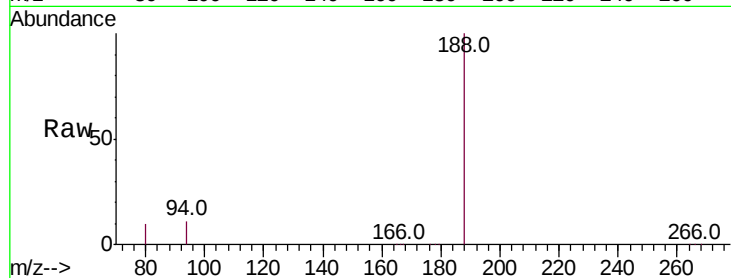
Tot Ion:178 Resp: 297

Ion Ratio Lower Upper

178 100

179 248.5 18.4 27.6#

176 26.4 13.6 20.4#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 16.97 min Scan# 2631

Delta R.T. 0.07 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

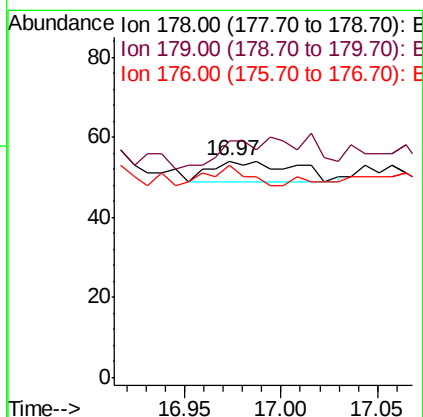
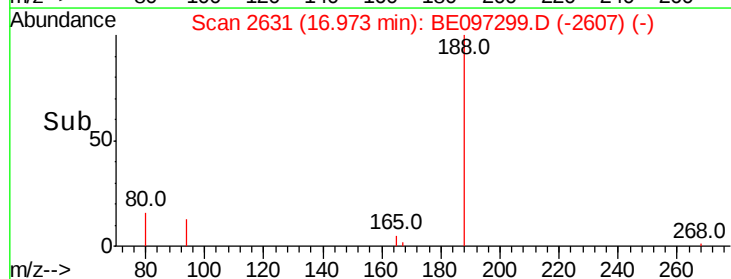
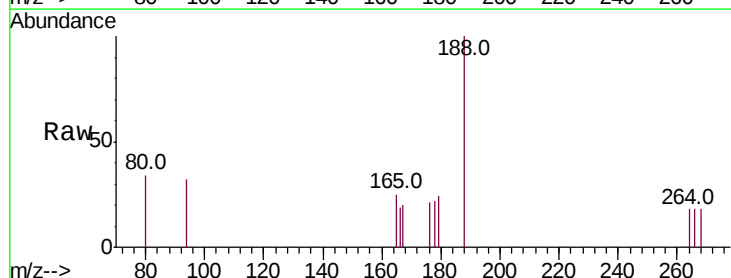
Tgt Ion:178 Resp: 15

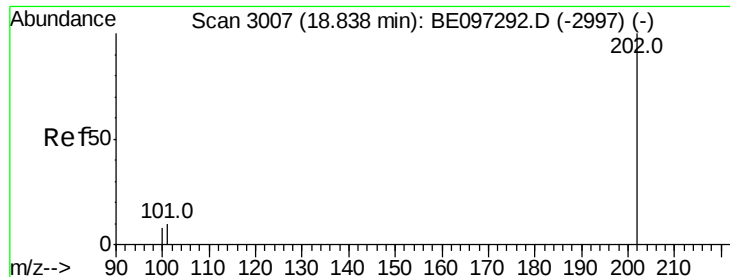
Ion Ratio Lower Upper

178 100

179 109.3 18.1 27.1#

176 98.1 14.7 22.1#

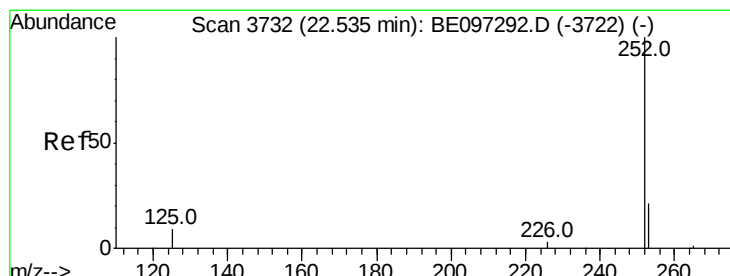
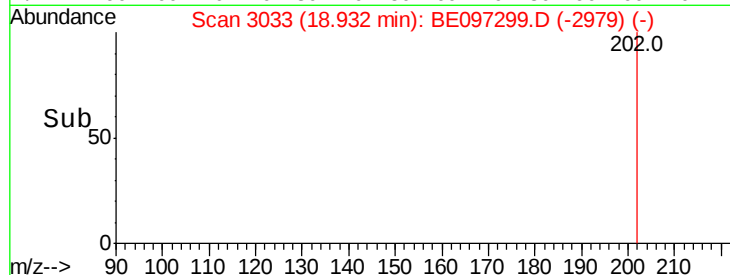
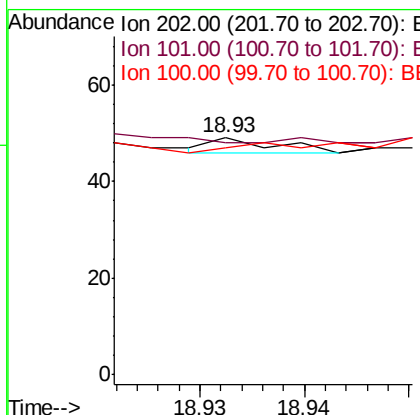
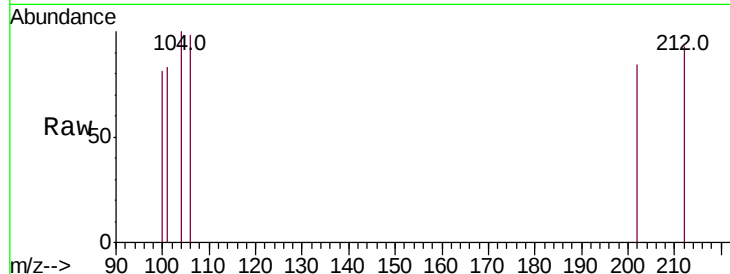




#15
 Fluoranthene
 Concen: 0.000 ng/ul
 RT: 18.93 min Scan# 3033
 Delta R.T. 0.09 min
 Lab File: BE097299.D
 Acq: 17 Aug 2018 16:31

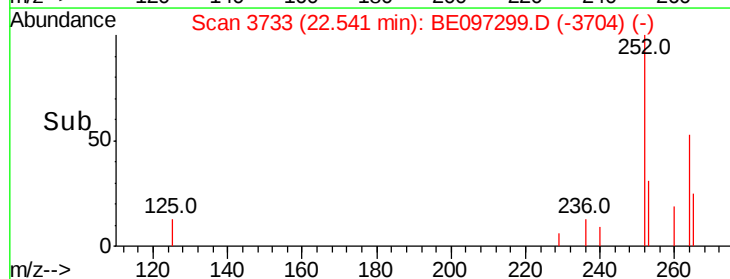
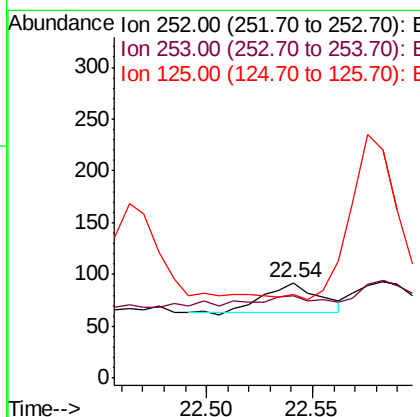
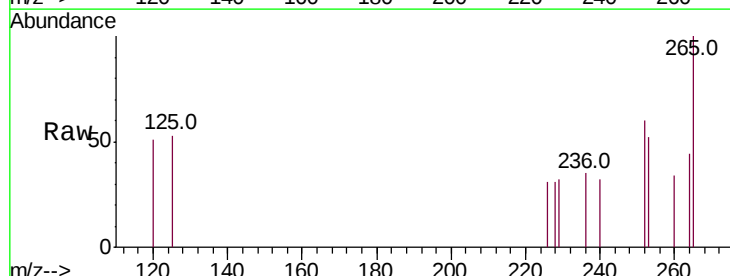
Instrument :
 BNA_E
 ClientSampleId :

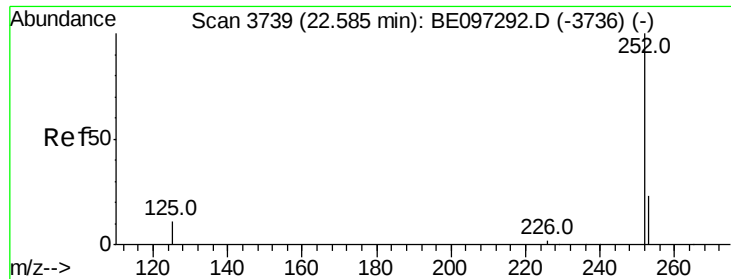
Tot Ion:202 Resp: 1
 Ion Ratio Lower Upper
 202 100
 101 98.0 0.0 30.3#
 100 95.9 0.0 39.5#



#21
 Benzo(b)fluoranthene
 Concen: 0.002 ng/ul
 RT: 22.54 min Scan# 3733
 Delta R.T. 0.01 min
 Lab File: BE097299.D
 Acq: 17 Aug 2018 16:31

Tgt Ion:252 Resp: 54
 Ion Ratio Lower Upper
 252 100
 253 87.0 0.0 64.2#
 125 88.0 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

Instrument :

BNA_E

ClientSampleId :

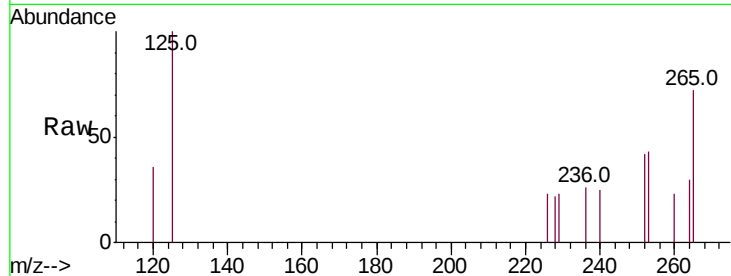
Tot Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 101.1 24.5 36.7#

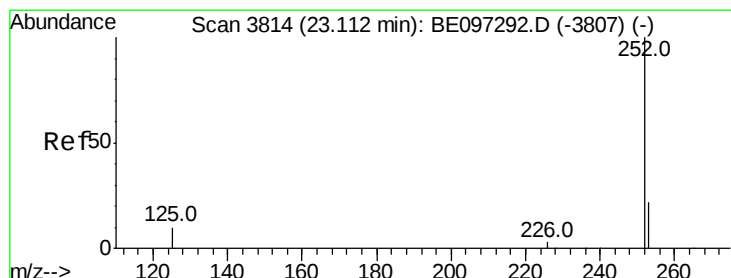
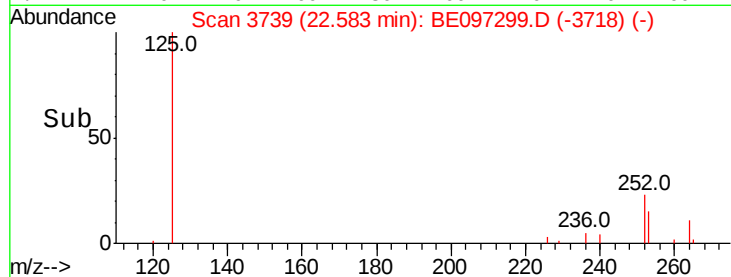
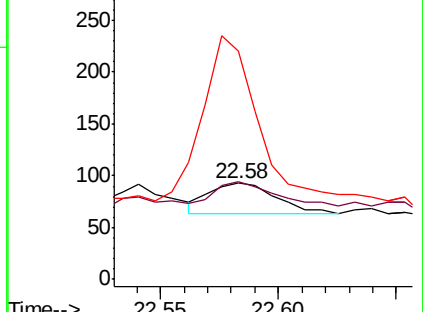
125 236.6 13.7 20.5#



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: 0.071 ng/ul

RT: 23.08 min Scan# 3809

Delta R.T. -0.04 min

Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

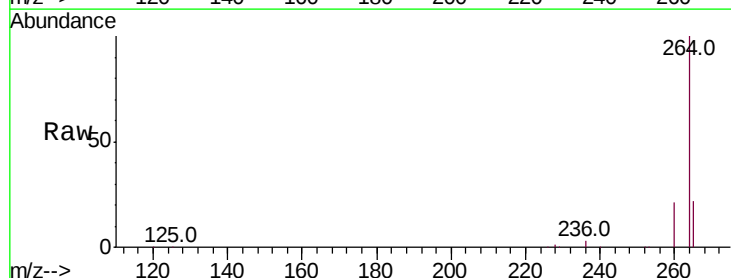
Tgt Ion:252 Resp: 2298

Ion Ratio Lower Upper

252 100

253 36.0 28.5 42.7

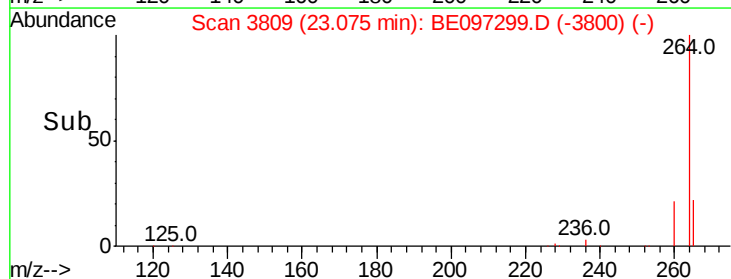
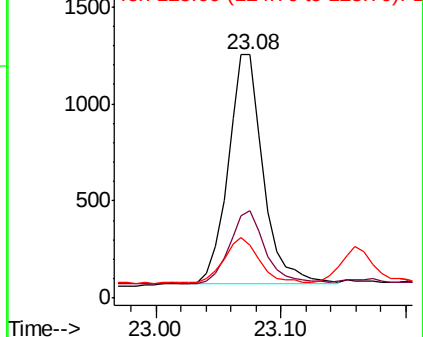
125 21.5 18.1 27.1

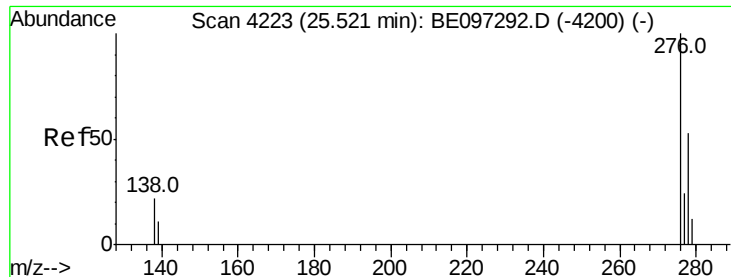


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



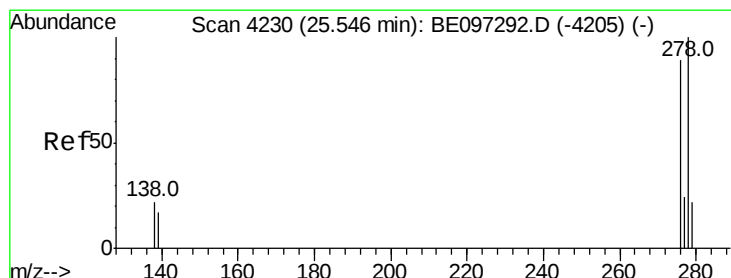
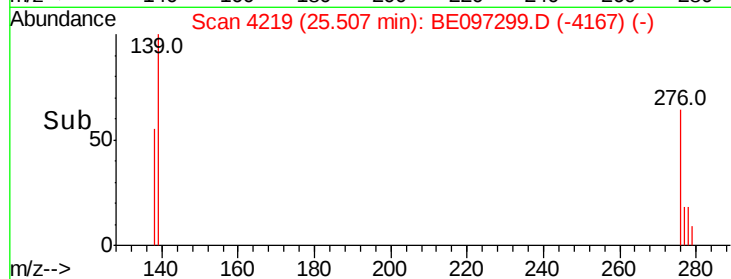
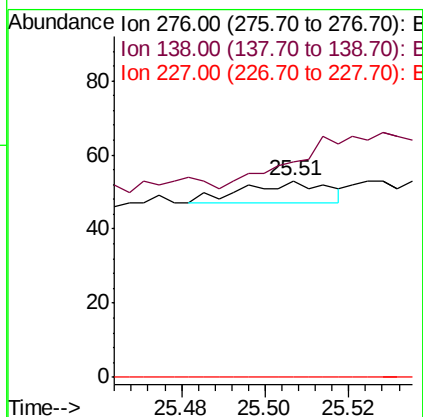
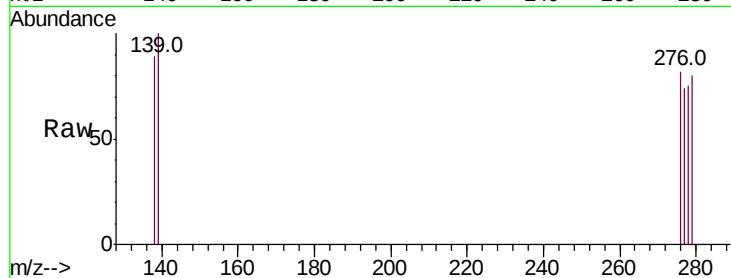


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/u1
RT: 25.51 min Scan# 4219
Delta R.T. -0.01 min
Lab File: BE097299.D
Acq: 17 Aug 2018 16:31

Instrument :
BNA_E
ClientSampleId :

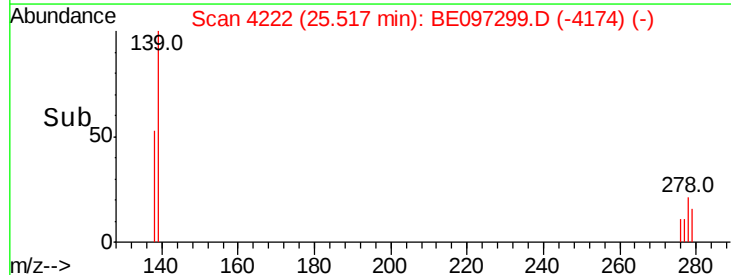
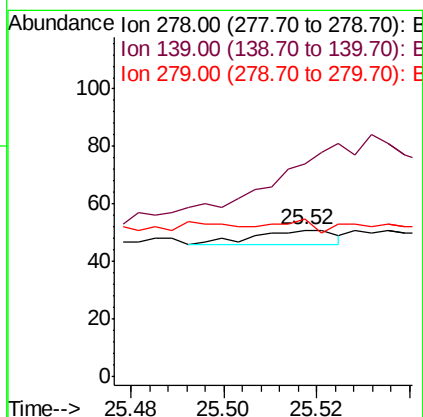
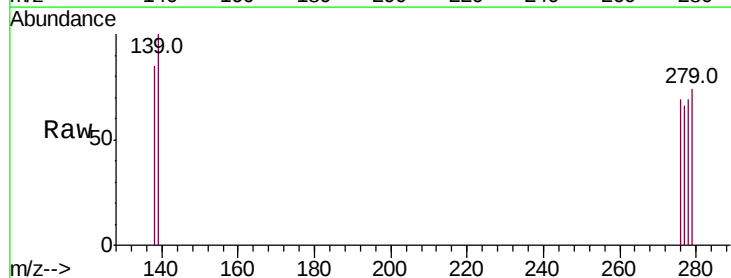
Tot Ion:276 Resp: 8
Ion Ratio Lower Upper
276 100
138 0.0 28.0 42.0#
227 0.0 8.0 12.0#

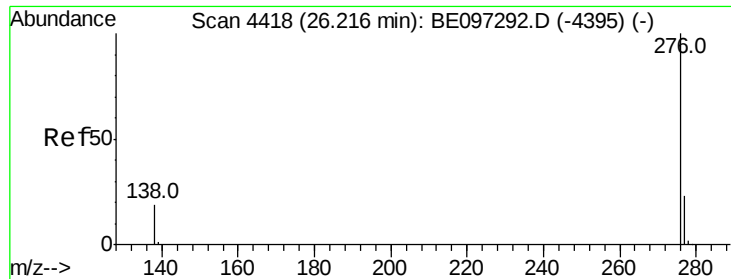


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.52 min Scan# 4222
Delta R.T. -0.03 min
Lab File: BE097299.D
Acq: 17 Aug 2018 16:31

Tgt Ion:278 Resp: 6
Ion Ratio Lower Upper
278 100
139 145.1 17.4 26.0#
279 107.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.001 ng/ul

RT: 26.23 min Scan# 4422

Delta R.T. 0.01 min

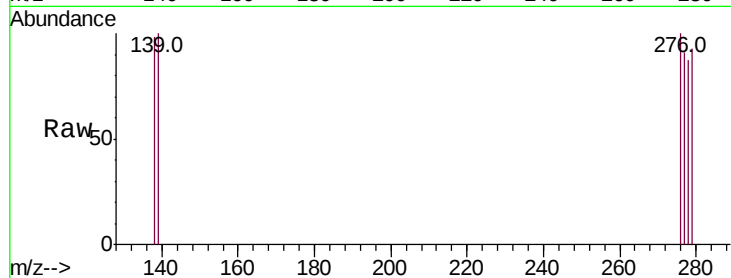
Lab File: BE097299.D

Acq: 17 Aug 2018 16:31

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 24

Ion Ratio Lower Upper

276 100

138 98.1 21.8 32.8#

277 90.7 20.5 30.7#

