

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 23:26:45 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 08 23:25:58 2018
 Response via : Initial Calibration

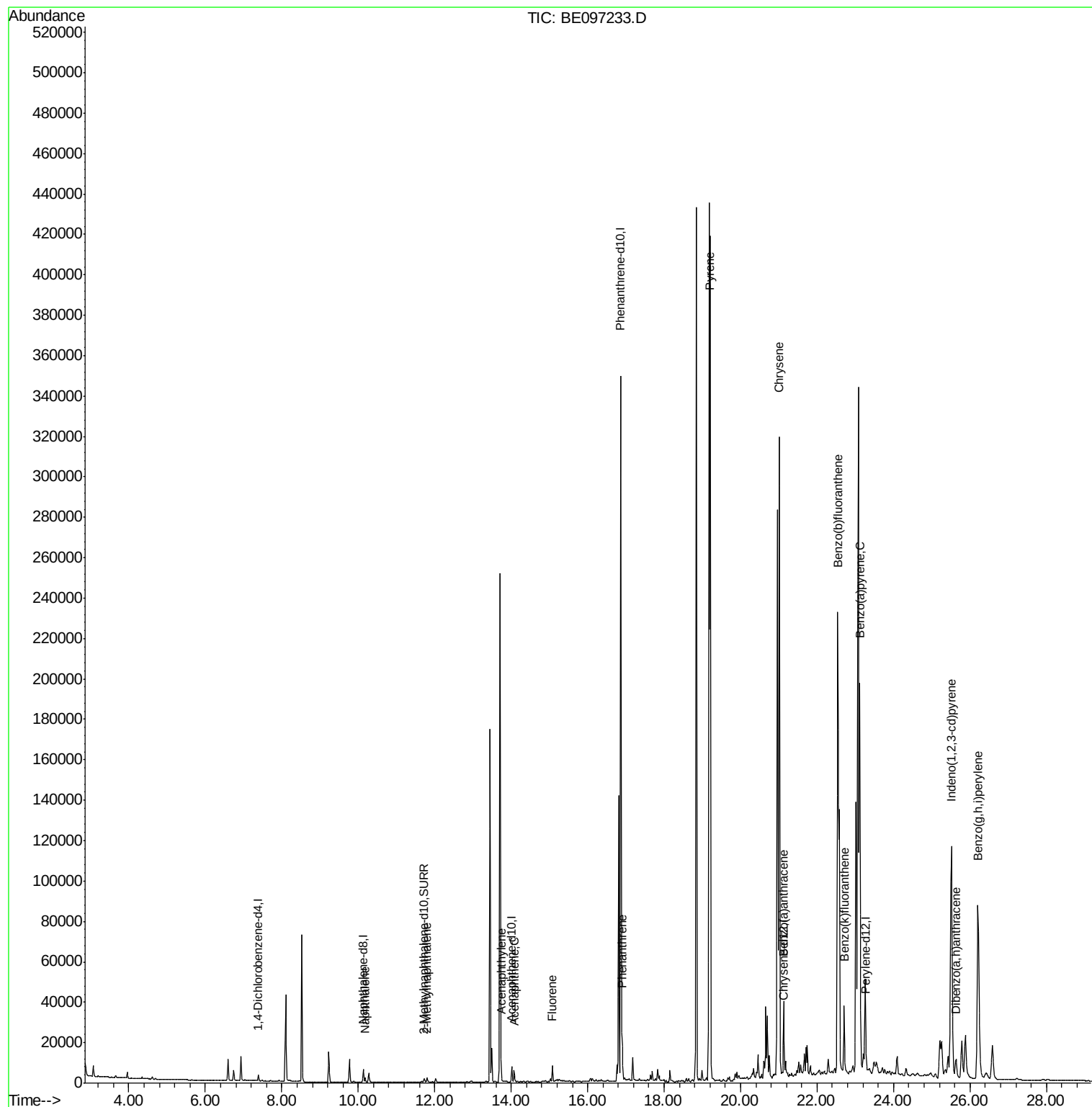
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1255	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4027	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	388688	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	106	0.40	ng/ul	0.14
20) Perylene-d12	23.29	264	2782	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1999	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	109	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	3386	0.211	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1811	0.170	ng/ul	98
7) Acenaphthylene	13.74	152	7220	0.415	ng/ul	97
8) Acenaphthene	14.08	153	3143	0.250	ng/ul#	93
9) Fluorene	15.08	166	4708	0.325	ng/ul	93
12) Phenanthrene	16.90	178	22432	0.023	ng/ul#	90
17) Pyrene	19.21	202	436060	1535.246	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	27170	89.700	ng/ul#	50
19) Chrysene	21.01	228	279425	895.233	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	533915	70.414	ng/ul	82
22) Benzo(k)fluoranthene	22.71	252	42126	5.153	ng/ul#	89
23) Benzo(a)pyrene	23.12	252	198215	26.124	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.51	276	205262	21.616	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.64	278	14534	1.870	ng/ul	95
26) Benzo(g,h,i)perylene	26.21	276	200753	24.464	ng/ul#	90

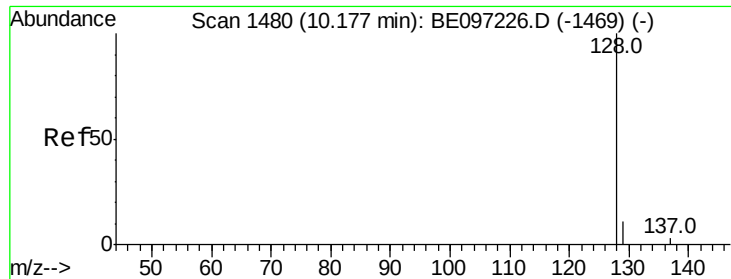
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.211 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :

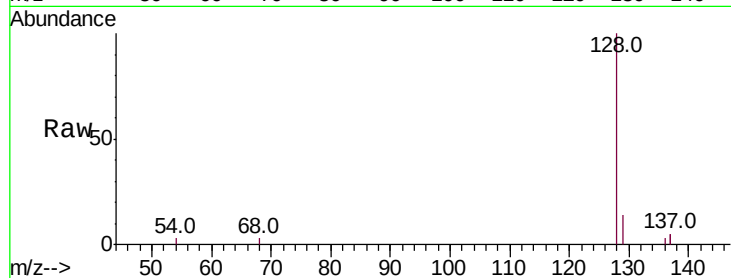
Tot Ion:128 Resp: 3386

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

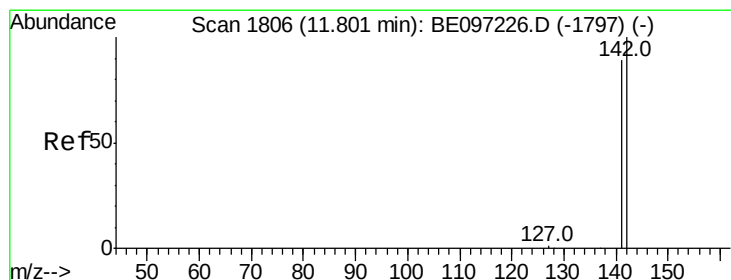
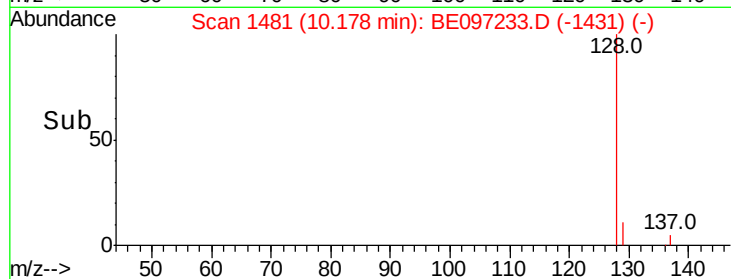
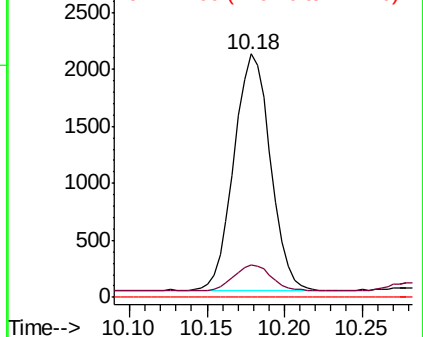
127 0.0 4.0 6.0#



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: 0.170 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097233.D

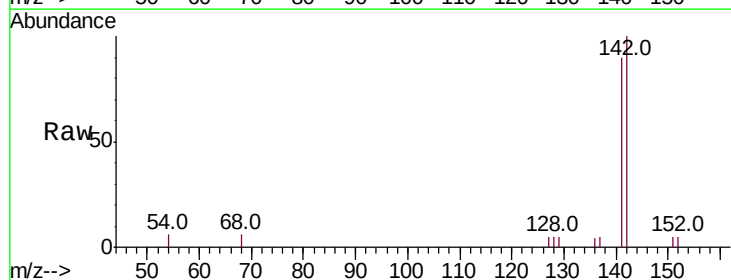
Acq: 8 Aug 2018 13:47

Tgt Ion:142 Resp: 1811

Ion Ratio Lower Upper

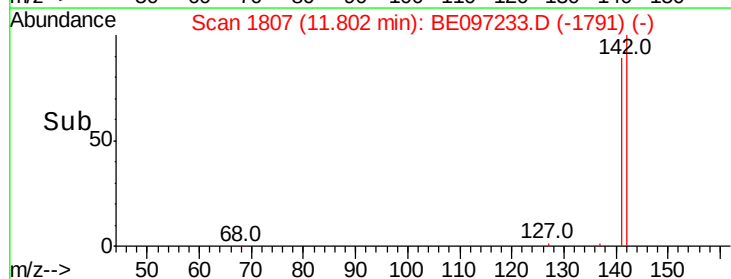
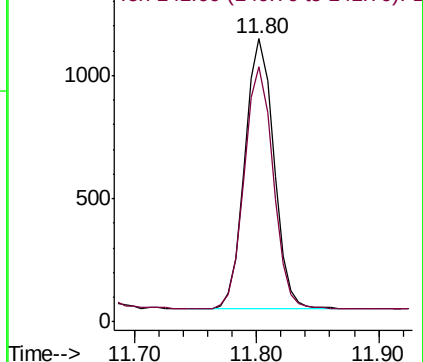
142 100

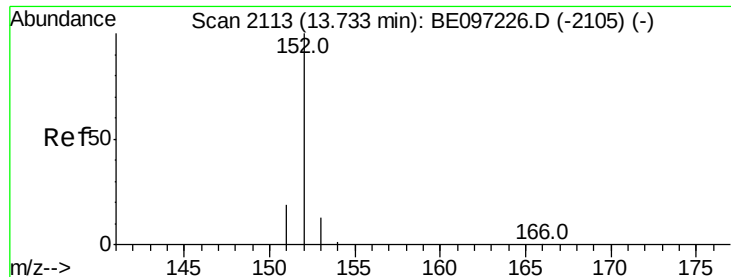
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.415 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampled :

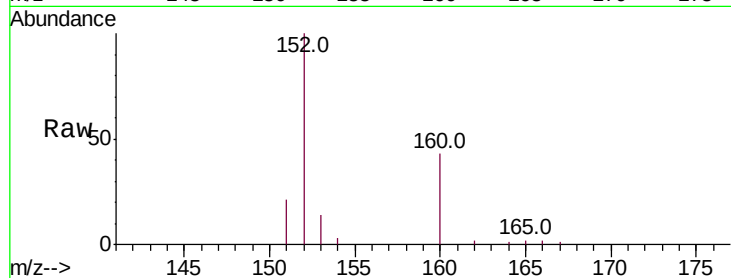
Tot Ion:152 Resp: 7220

Ion Ratio Lower Upper

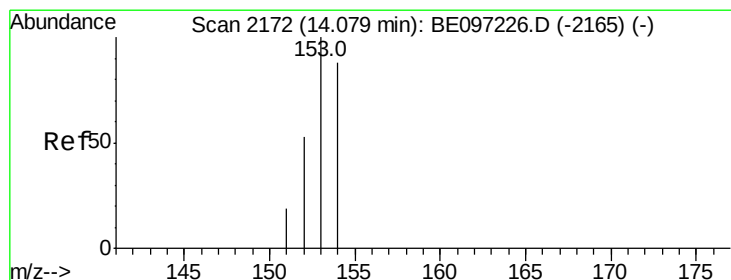
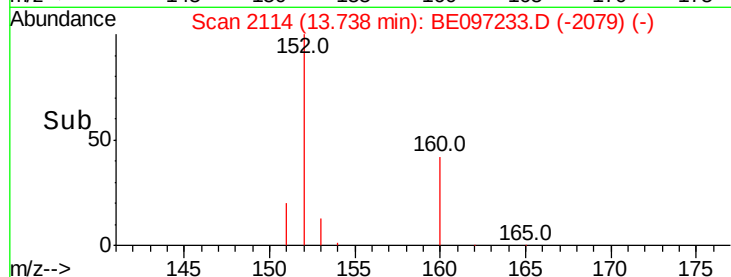
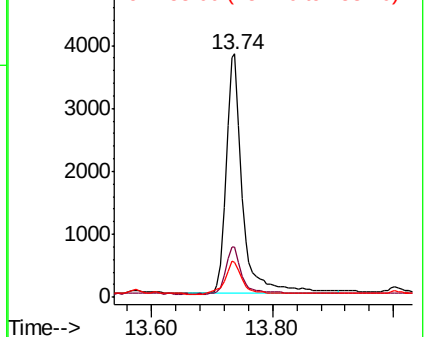
152 100

151 20.7 17.1 25.7

153 14.3 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: 0.250 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

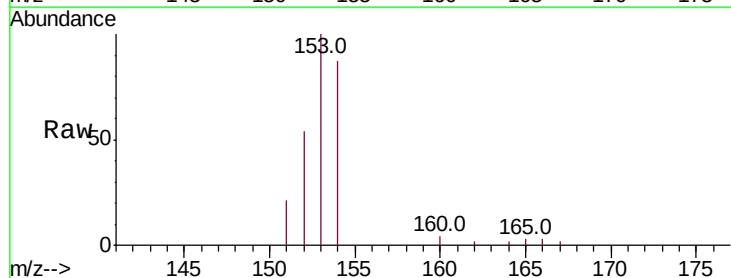
Tgt Ion:153 Resp: 3143

Ion Ratio Lower Upper

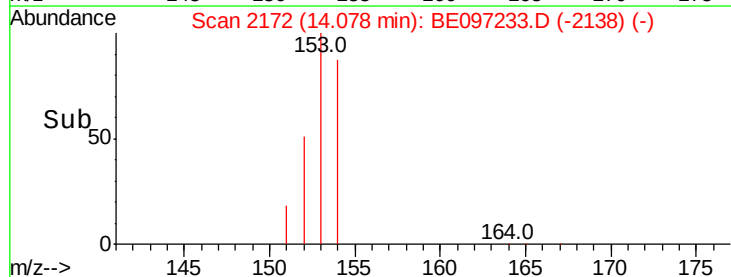
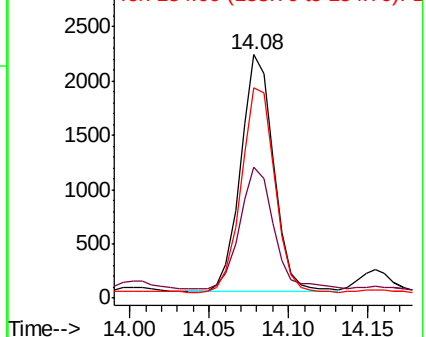
153 100

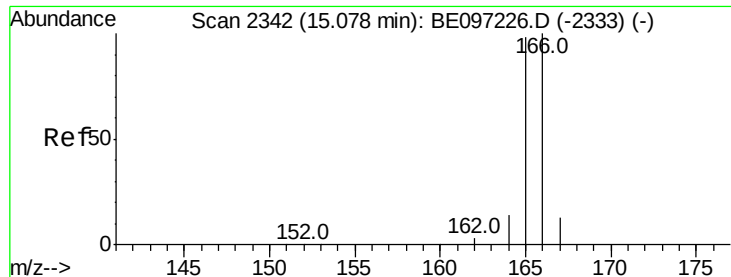
152 54.0 36.0 54.0#

154 86.5 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

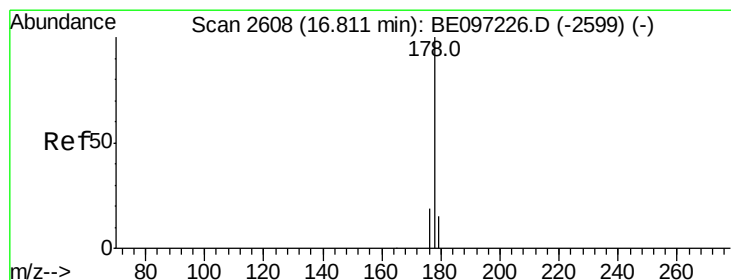
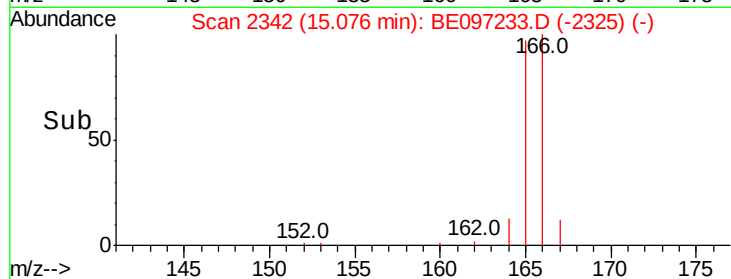
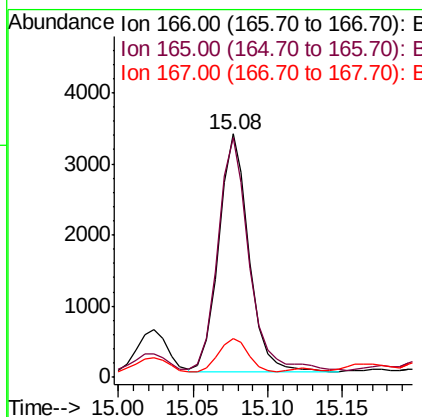
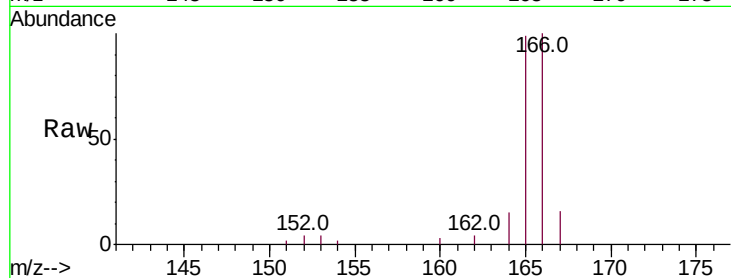




#9
Fluorene
 Concen: 0.325 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097233.D
 Acq: 8 Aug 2018 13:47

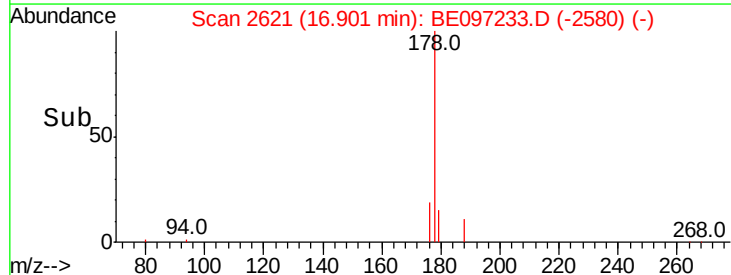
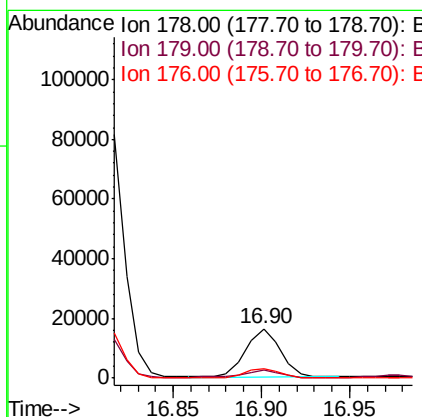
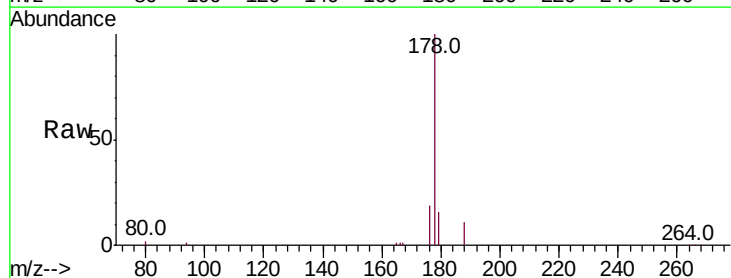
Instrument :
 BNA_E
 ClientSampleId :

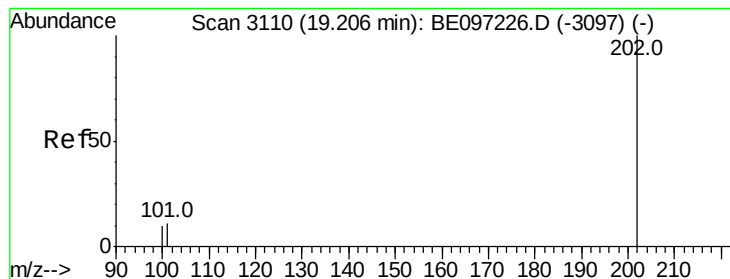
Tot Ion:166 Resp: 4708
 Ion Ratio Lower Upper
 166 100
 165 98.7 73.4 110.2
 167 16.2 14.6 22.0



#12
Phenanthrene
 Concen: 0.023 ng/ul
 RT: 16.90 min Scan# 2621
 Delta R.T. 0.09 min
 Lab File: BE097233.D
 Acq: 8 Aug 2018 13:47

Tgt Ion:178 Resp: 22432
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.4 27.6#
 176 19.0 13.6 20.4





#17

Pvrene

Concen: 1535.246 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :

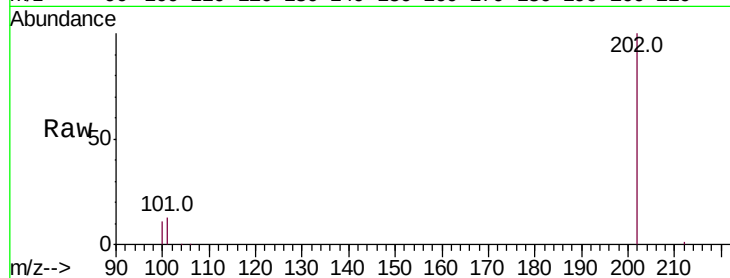
Tot Ion:202 Resp: 436060

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

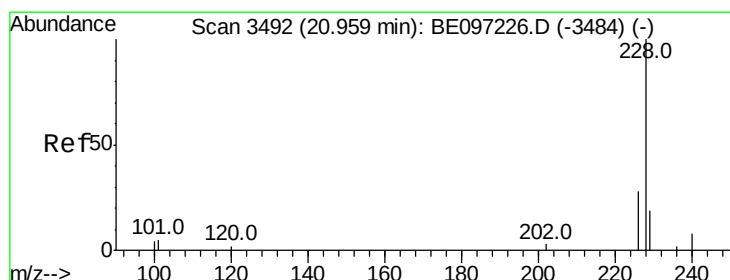
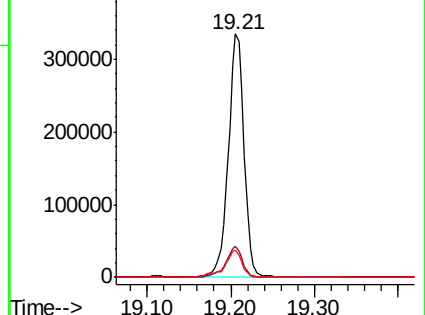
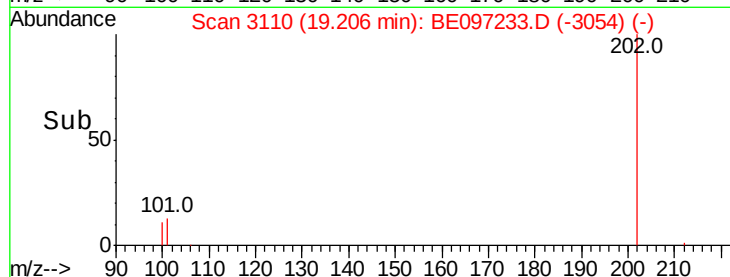
100 11.1 15.6 23.4#



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: 89.700 ng/ul

RT: 21.13 min Scan# 3523

Delta R.T. 0.17 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

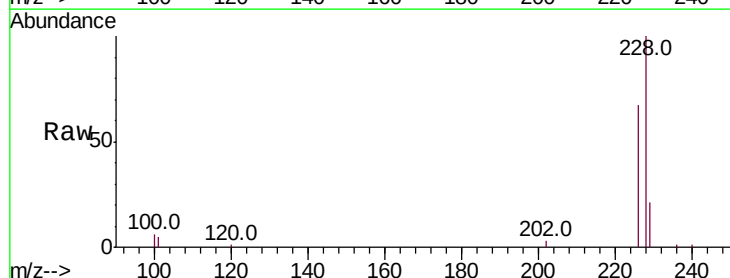
Tgt Ion:228 Resp: 27170

Ion Ratio Lower Upper

228 100

229 20.6 22.8 34.2#

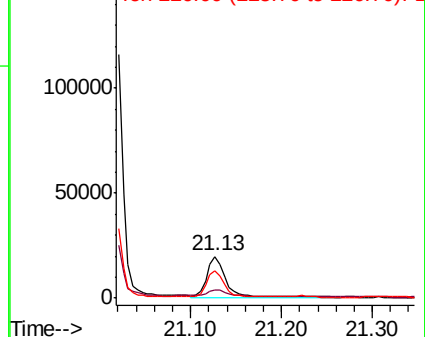
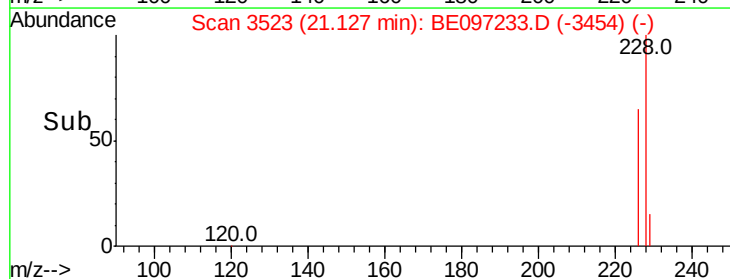
226 66.9 17.0 25.6#

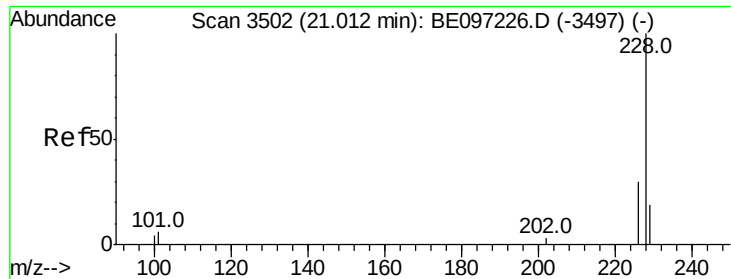


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 895.233 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :

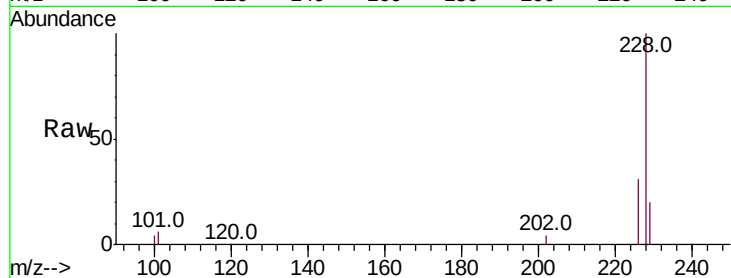
Tot Ion:228 Resp: 279425

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

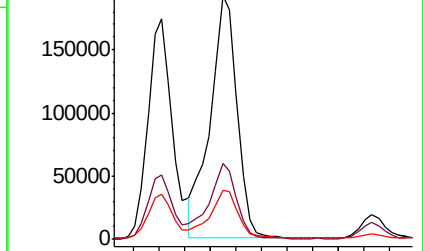
229 20.2 17.7 26.5



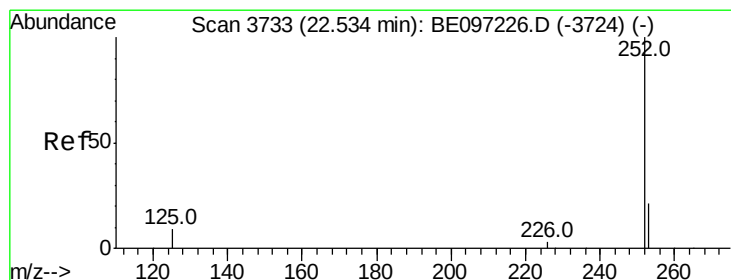
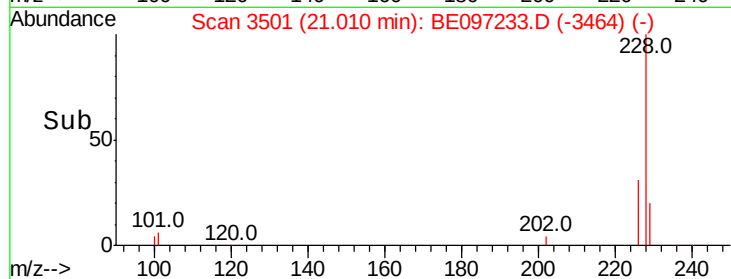
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#21

Benzo(b)fluoranthene

Concen: 70.414 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

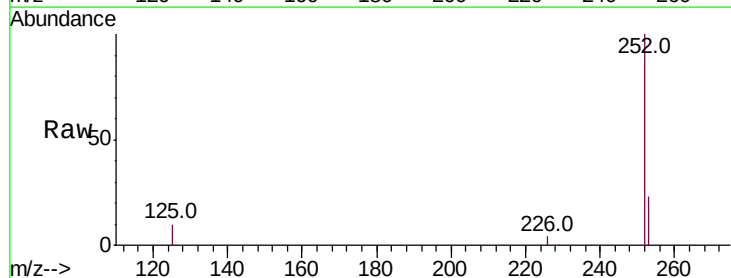
Tgt Ion:252 Resp: 533915

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

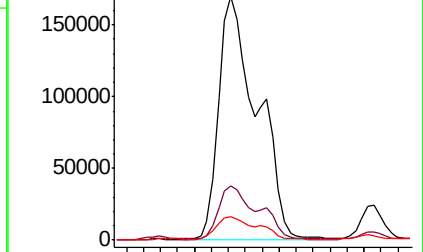
125 9.6 0.0 35.0



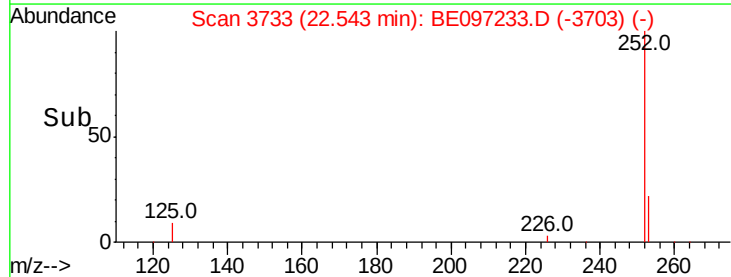
Abundance Ion 252.00 (251.70 to 252.70): E

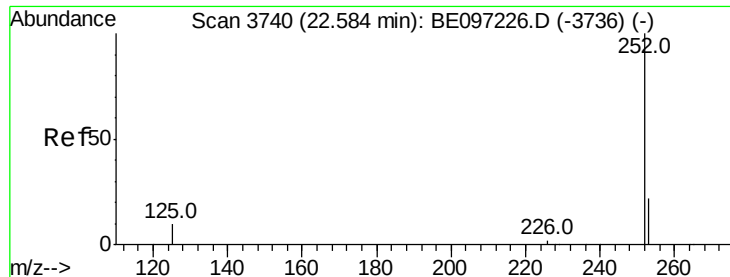
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 5.153 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.13 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :

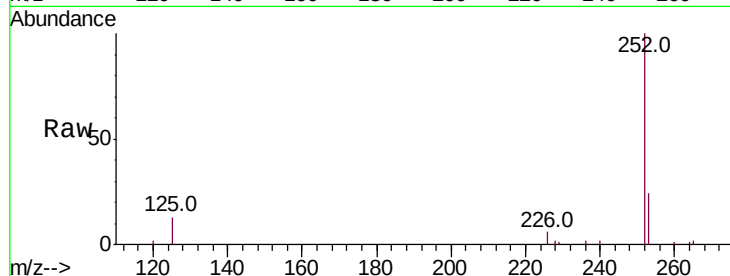
Tot Ion:252 Resp: 42126

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

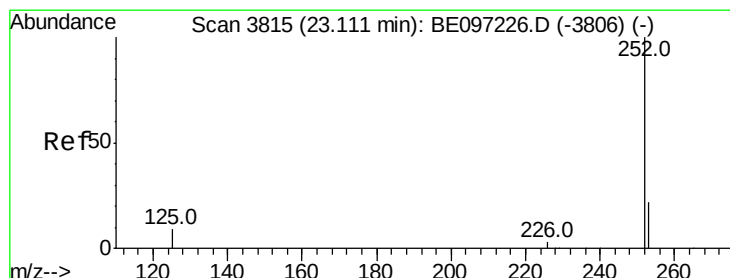
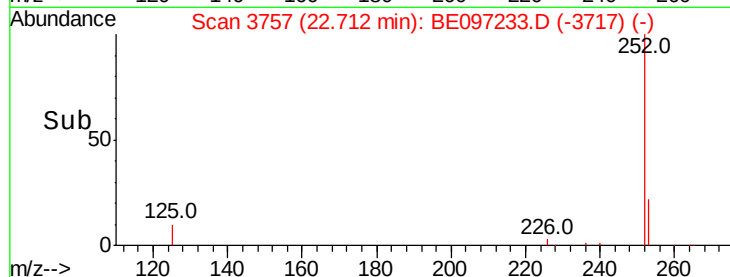
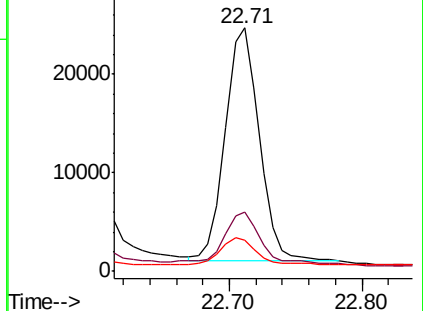
125 12.6 13.7 20.5#



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: 26.124 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

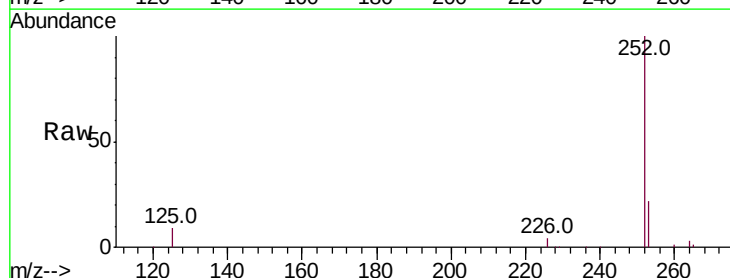
Tgt Ion:252 Resp: 198215

Ion Ratio Lower Upper

252 100

253 22.5 28.5 42.7#

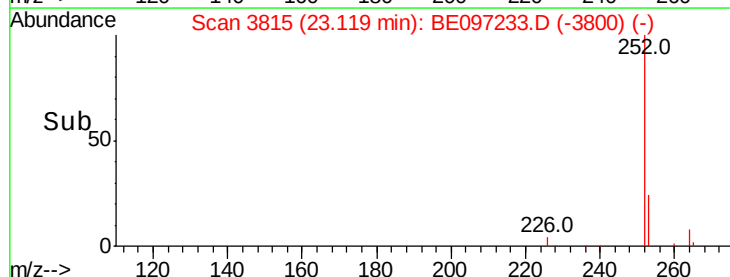
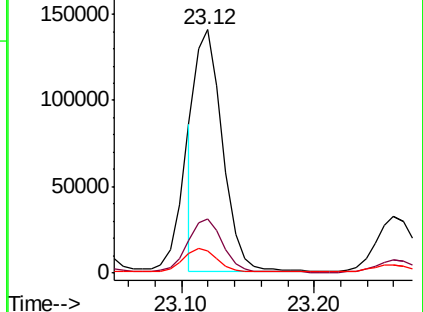
125 8.9 18.1 27.1#

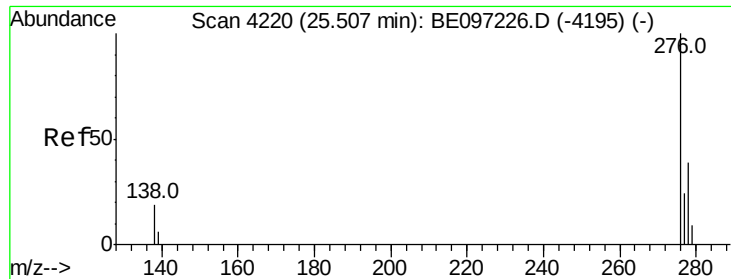


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

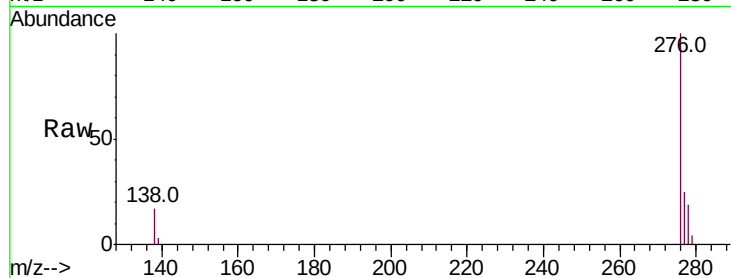




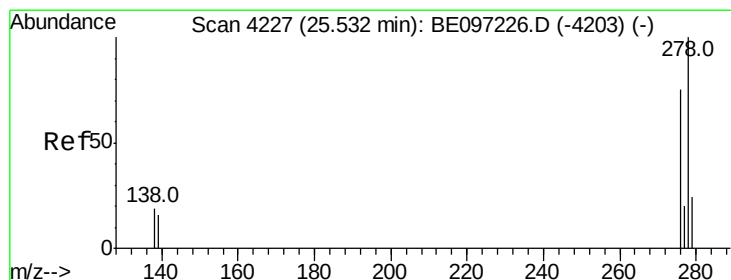
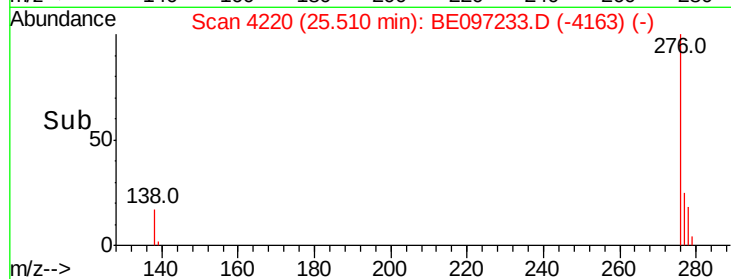
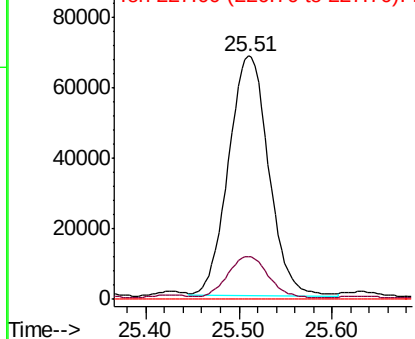
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 21.616 ng/ul
 RT: 25.51 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BE097233.D
 Acq: 8 Aug 2018 13:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 205262
 Ion Ratio Lower Upper
 276 100
 138 17.1 28.0 42.0#
 227 0.0 8.0 12.0#

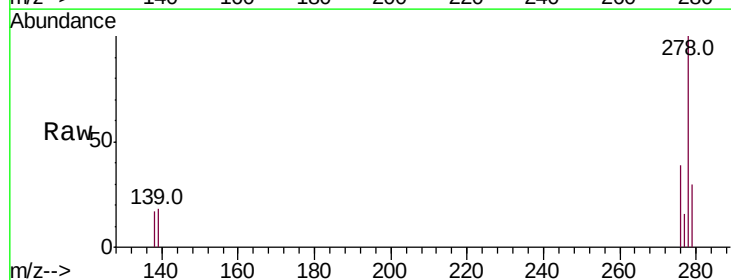


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

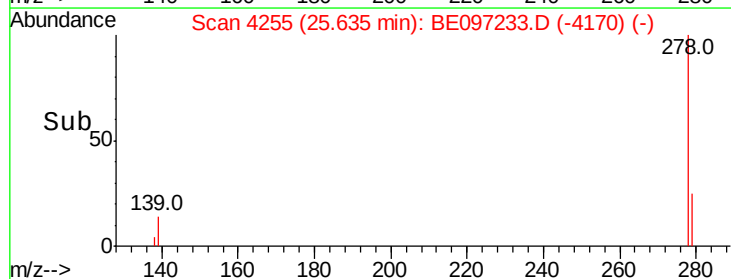
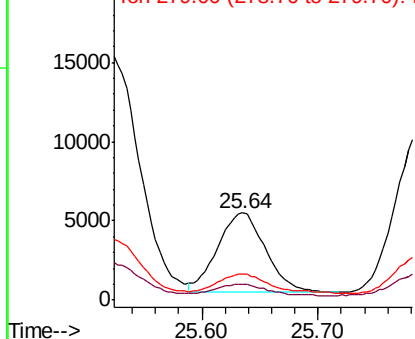


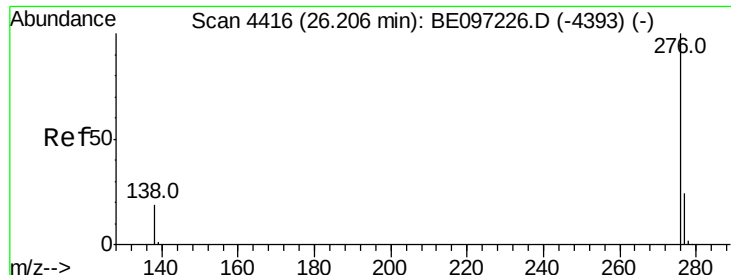
#25
 Dibenzo(a,h)anthracene
 Concen: 1.870 ng/ul
 RT: 25.64 min Scan# 4255
 Delta R.T. 0.10 min
 Lab File: BE097233.D
 Acq: 8 Aug 2018 13:47

Tgt Ion:278 Resp: 14534
 Ion Ratio Lower Upper
 278 100
 139 18.3 17.4 26.0
 279 30.2 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 24.464 ng/ul

RT: 26.21 min Scan# 4416

Delta R.T. 0.00 min

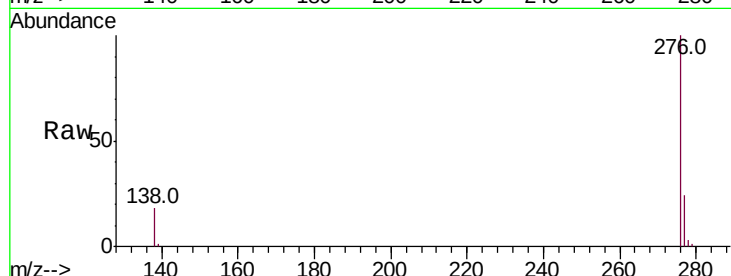
Lab File: BE097233.D

Acq: 8 Aug 2018 13:47

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	200753
Ion	Ratio	Lower	Upper
276	100		
138	18.2	21.8	32.8#
277	24.2	20.5	30.7

