

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097232.D
 Acq On : 8 Aug 2018 13:11
 Operator : SJ/JU
 Sample : J4268-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 23:26:38 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

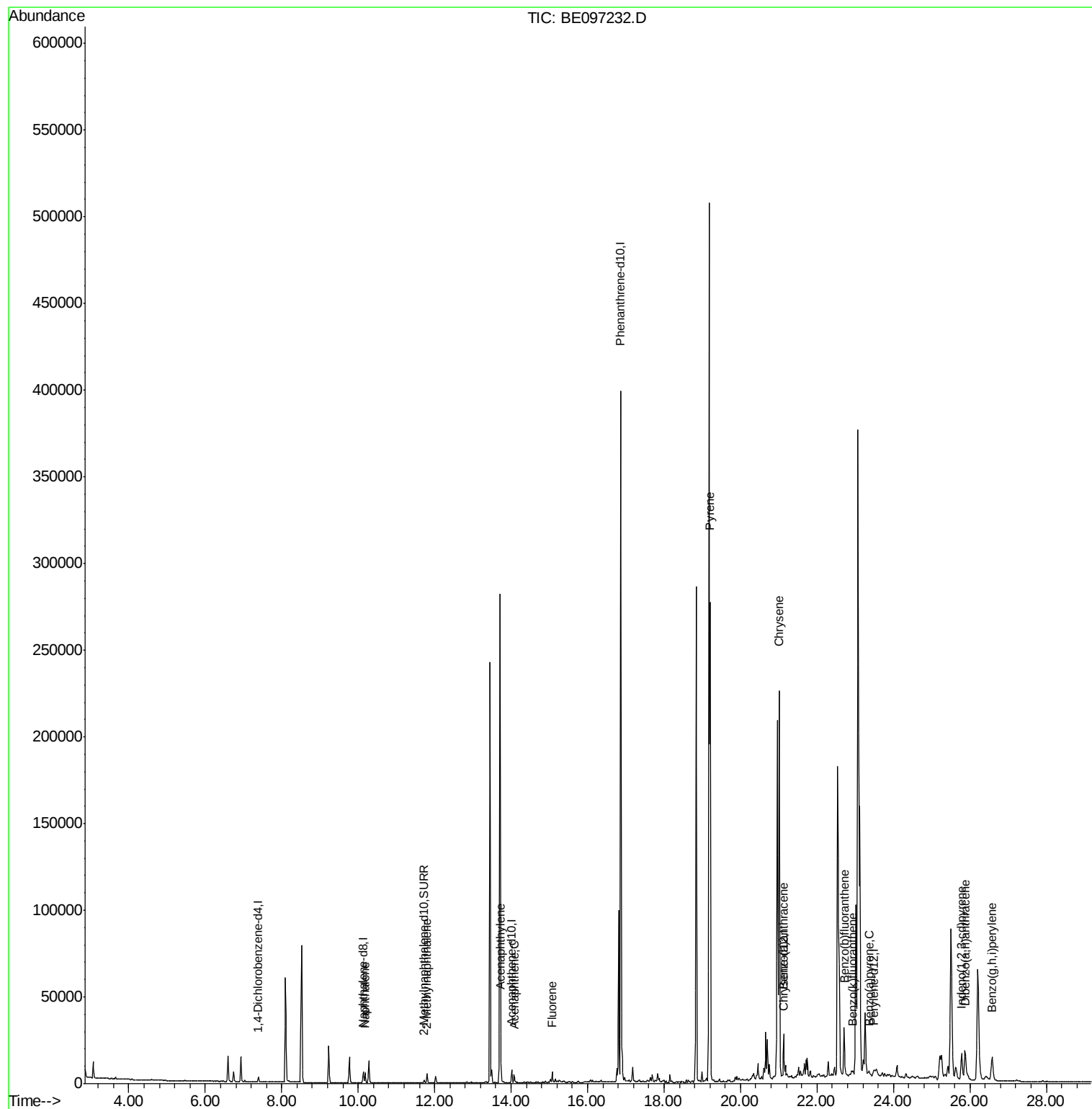
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1199	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6503	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3960	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	437772	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	99	0.40	ng/ul	0.14
20) Perylene-d12	23.48	264	1482	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2177	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	105	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	8249	0.524	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	4283	0.412	ng/ul	98
7) Acenaphthylene	13.73	152	7885	0.461	ng/ul	98
8) Acenaphthene	14.08	153	2806	0.227	ng/ul	93
9) Fluorene	15.08	166	3600	0.253	ng/ul	93
17) Pyrene	19.21	202	308799	1164.068	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	18086	63.932	ng/ul#	51
19) Chrysene	21.01	228	204316	700.880	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	36283	8.983	ng/ul	91
22) Benzo(k)fluoranthene	22.94	252	3504	0.805	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	345	0.085	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	5887	1.164	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.88	278	29646	7.162	ng/ul#	90
26) Benzo(g,h,i)perylene	26.58	276	31092	7.113	ng/ul#	90

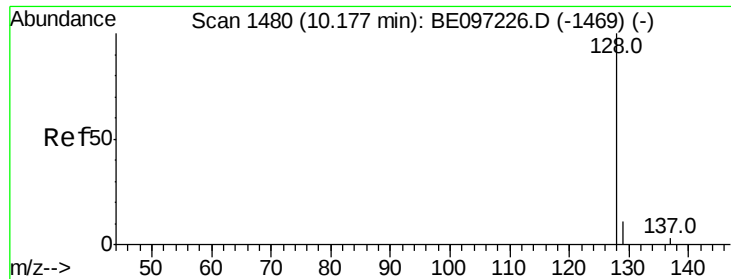
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.524 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

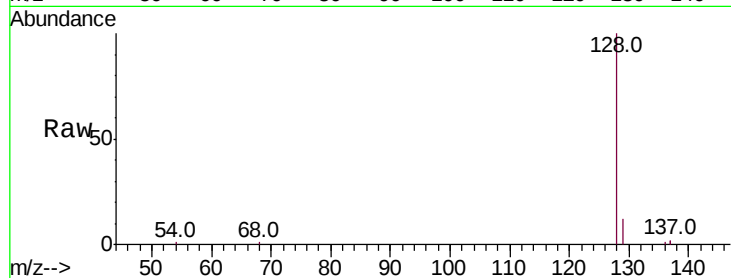
Tot Ion:128 Resp: 8249

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

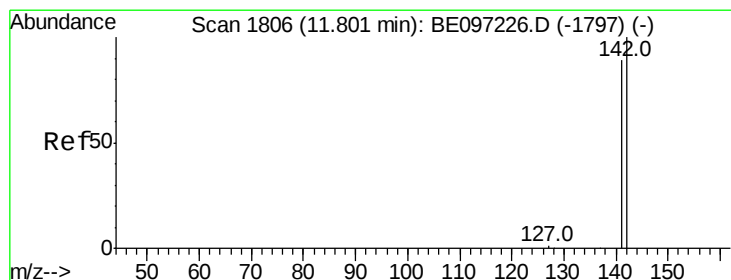
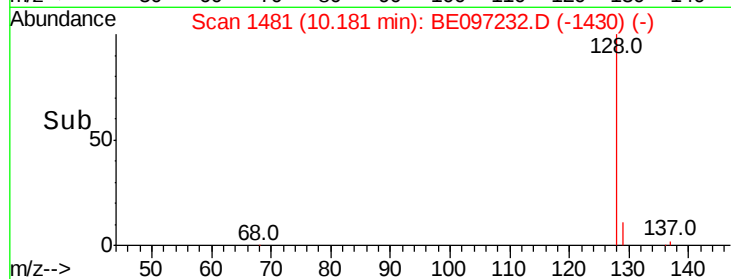
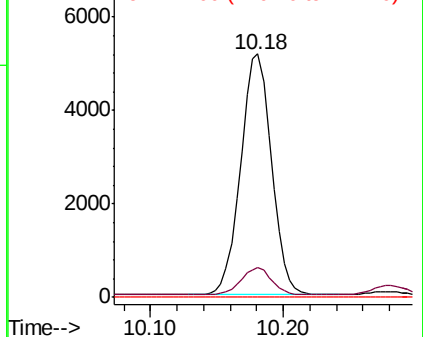
127 0.0 4.0 6.0#



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: 0.412 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097232.D

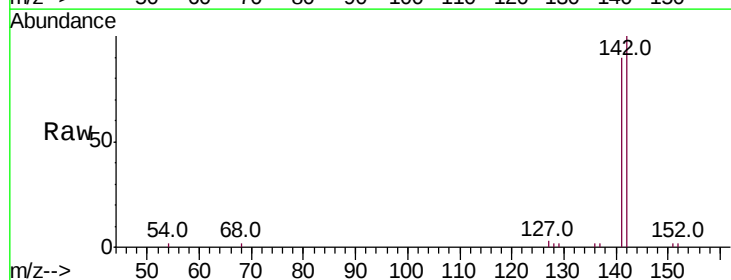
Acq: 8 Aug 2018 13:11

Tgt Ion:142 Resp: 4283

Ion Ratio Lower Upper

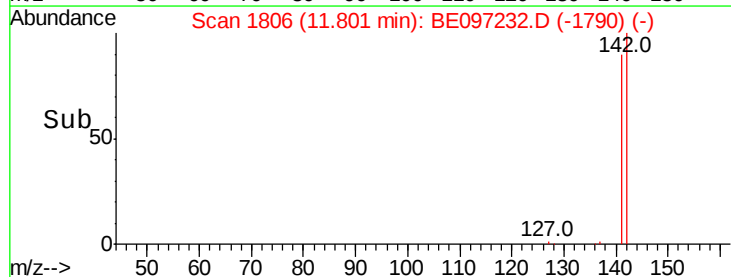
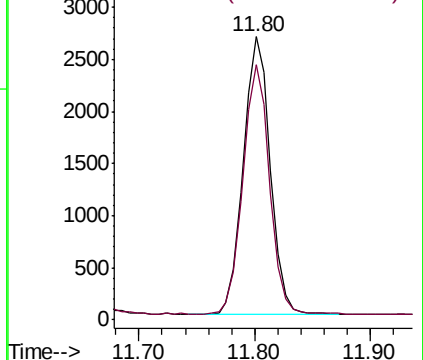
142 100

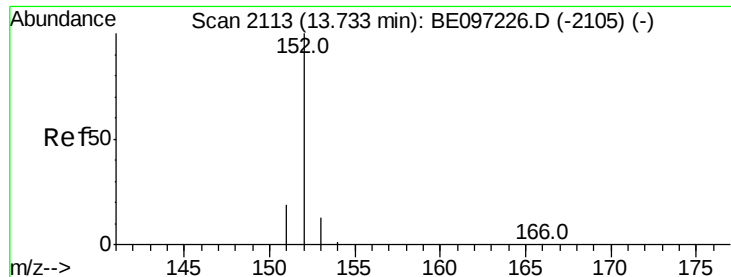
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.461 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

ClientSampled :

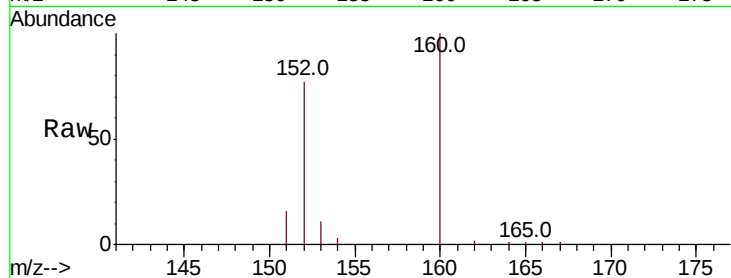
Tot Ion:152 Resp: 7885

Ion Ratio Lower Upper

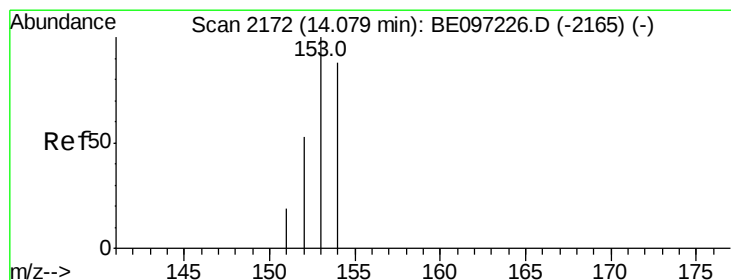
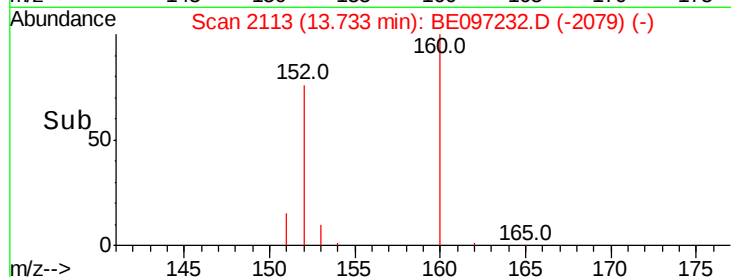
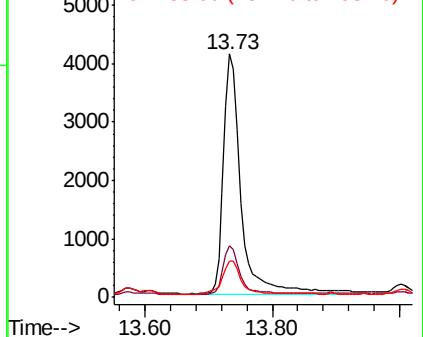
152 100

151 21.1 17.1 25.7

153 14.9 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



#8

Acenaphthene

Concen: 0.227 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

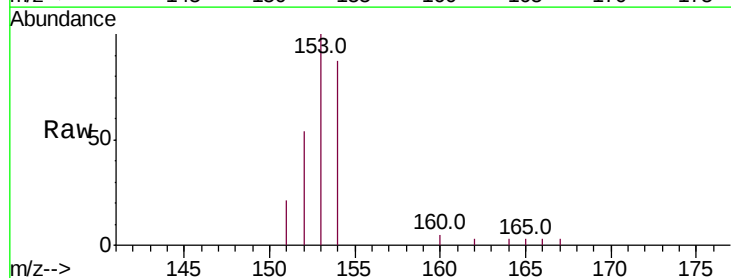
Tgt Ion:153 Resp: 2806

Ion Ratio Lower Upper

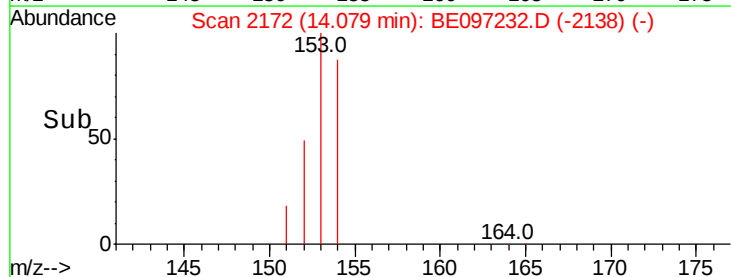
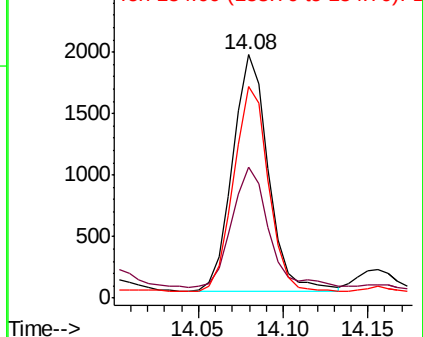
153 100

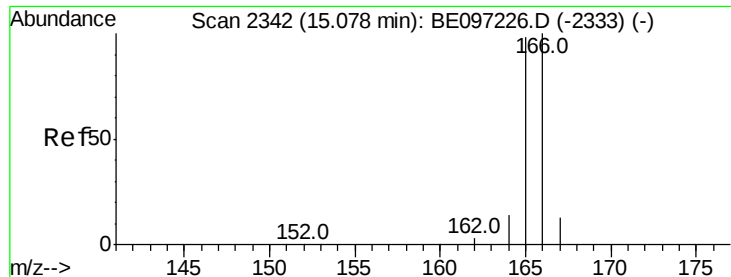
152 54.0 36.0 54.0

154 86.8 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

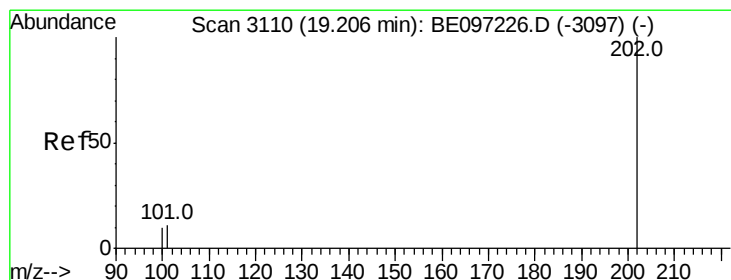
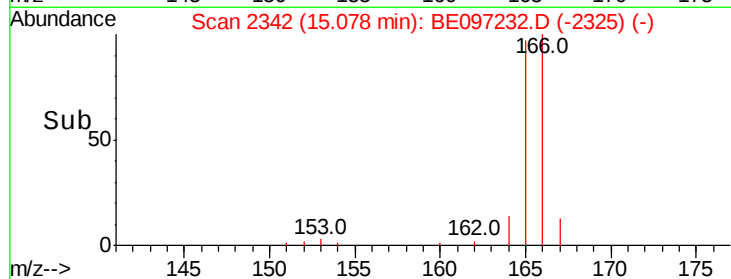
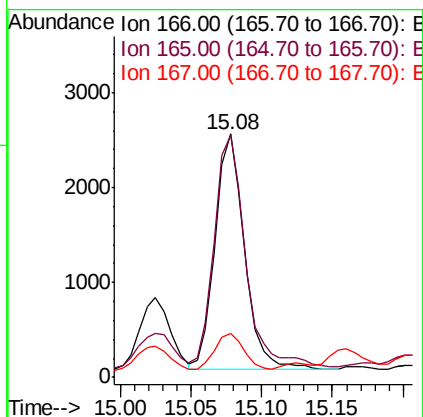
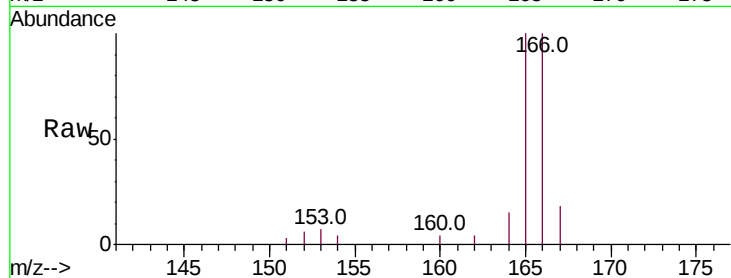




#9
Fluorene
 Concen: 0.253 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

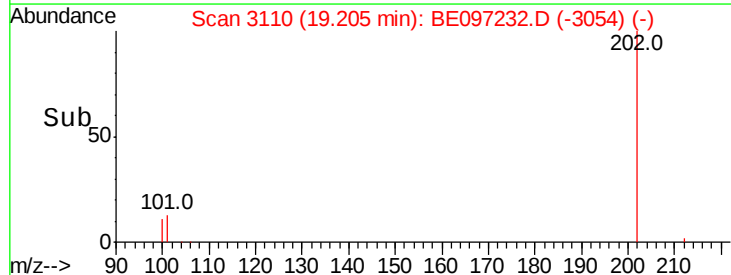
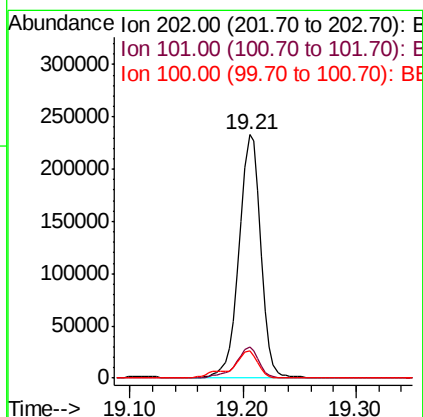
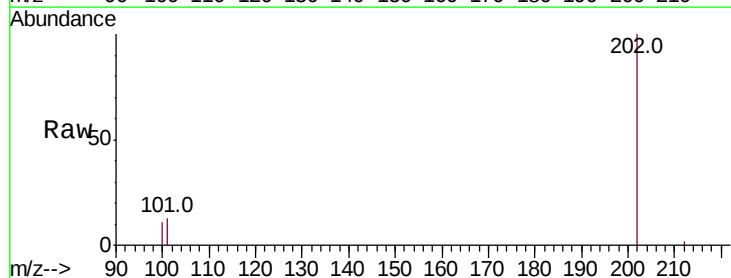
Instrument :
 BNA_E
 ClientSampleId :

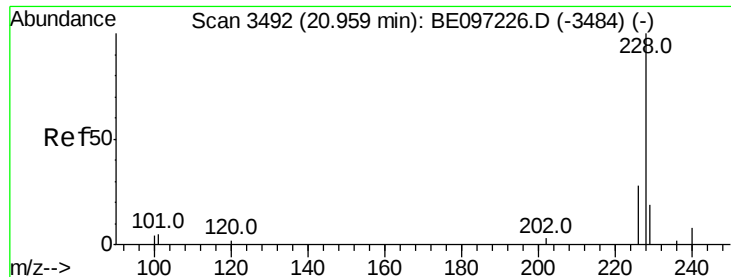
Tot Ion:166 Resp: 3600
 Ion Ratio Lower Upper
 166 100
 165 99.6 73.4 110.2
 167 18.2 14.6 22.0



#17
Pyrene
 Concen: 1164.068 ng/ul
 RT: 19.21 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BE097232.D
 Acq: 8 Aug 2018 13:11

Tgt Ion:202 Resp: 308799
 Ion Ratio Lower Upper
 202 100
 101 12.7 18.2 27.4#
 100 11.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 63.932 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.17 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

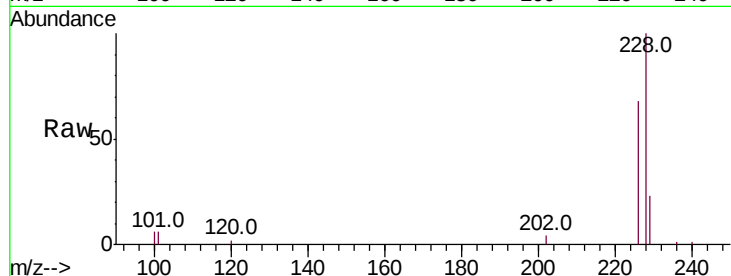
Tot Ion:228 Resp: 18086

Ion Ratio Lower Upper

228 100

229 22.5 22.8 34.2#

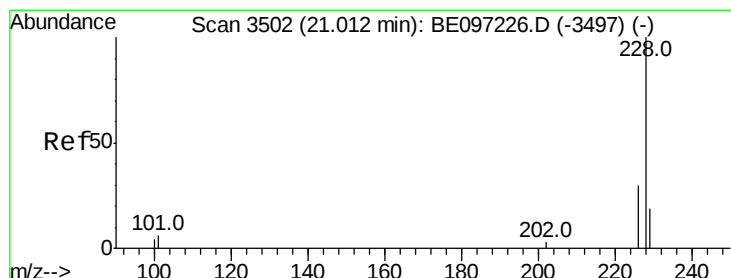
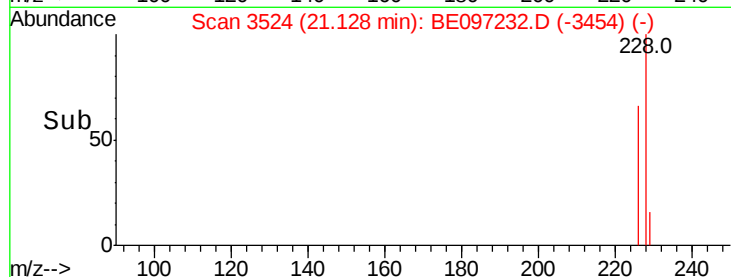
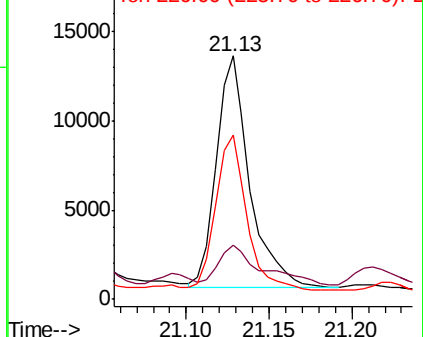
226 67.6 17.0 25.6#



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: 700.880 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

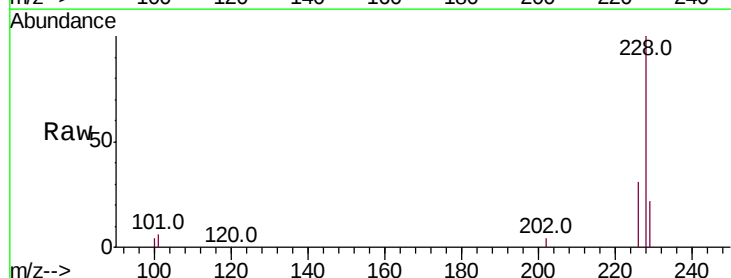
Tgt Ion:228 Resp: 204316

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

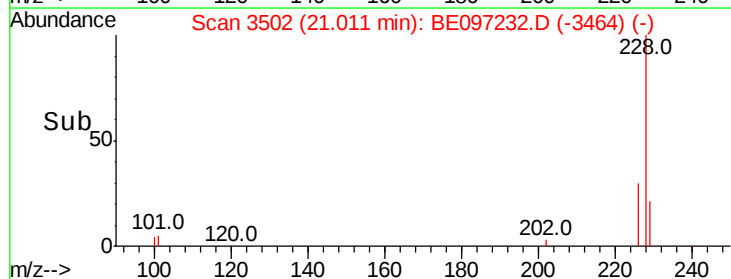
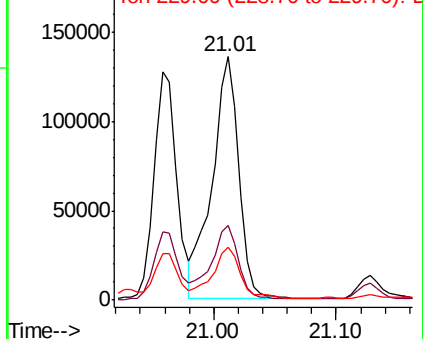
229 21.7 17.7 26.5

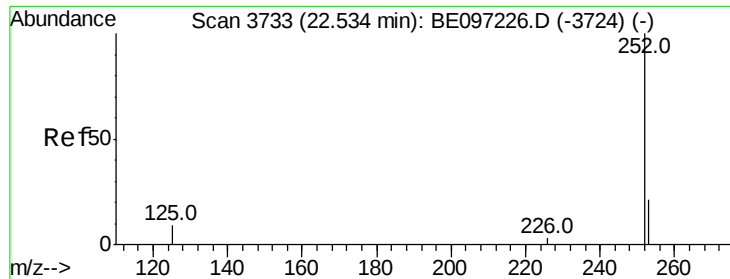


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 8.983 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

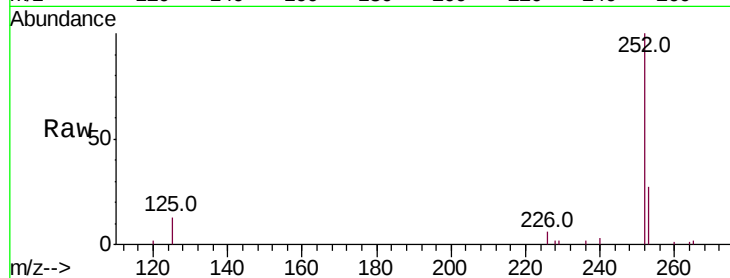
Tot Ion:252 Resp: 36283

Ion Ratio Lower Upper

252 100

253 27.3 0.0 64.2

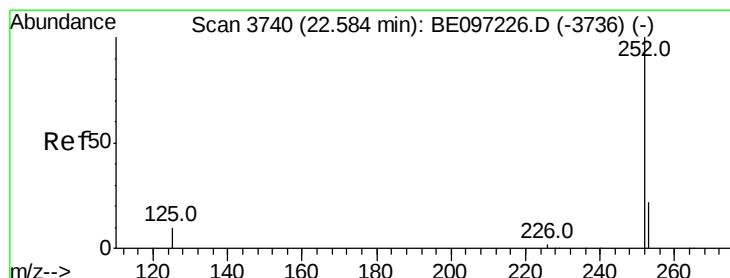
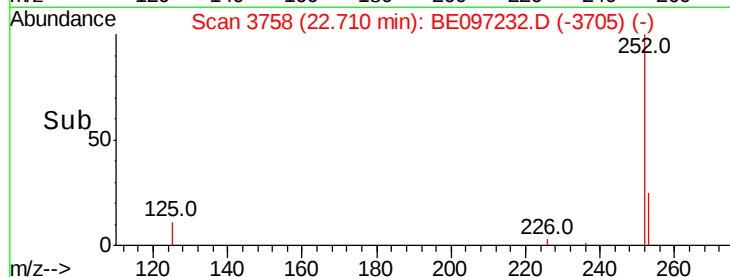
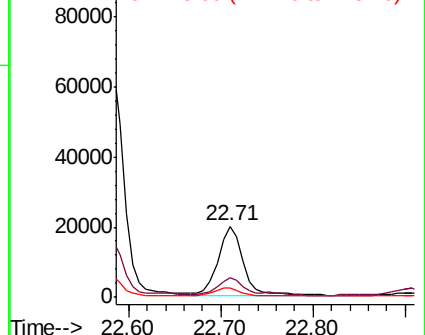
125 12.9 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.805 ng/ul

RT: 22.94 min Scan# 3791

Delta R.T. 0.36 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

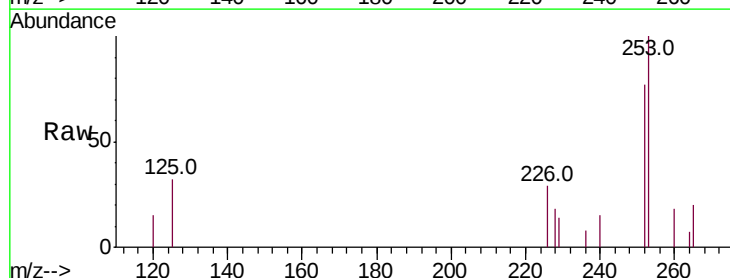
Tgt Ion:252 Resp: 3504

Ion Ratio Lower Upper

252 100

253 129.0 24.5 36.7#

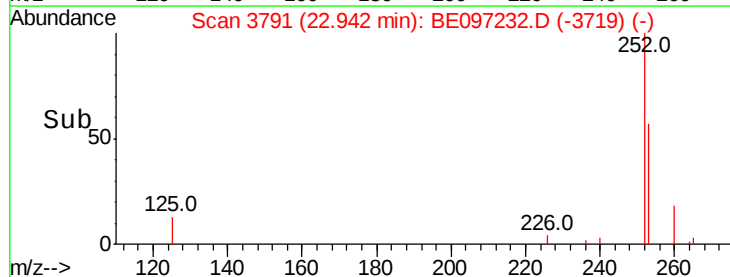
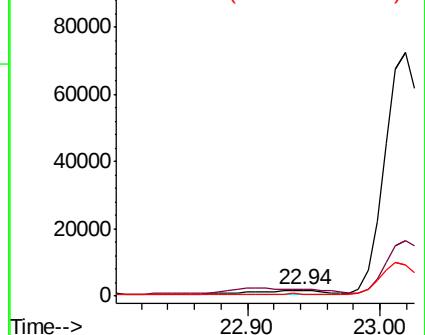
125 41.4 13.7 20.5#

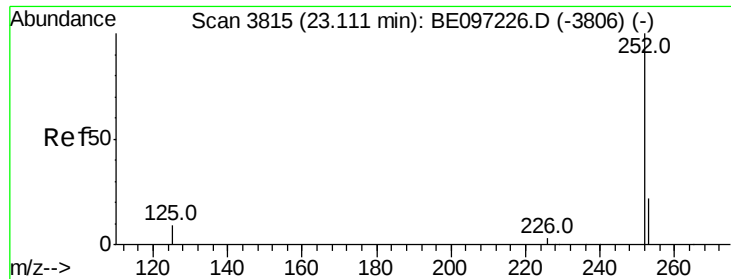


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.085 ng/ul

RT: 23.36 min Scan# 3851

Delta R.T. 0.25 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

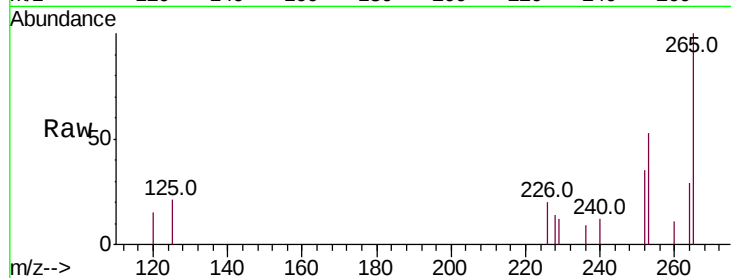
Tot Ion:252 Resp: 345

Ion Ratio Lower Upper

252 100

253 150.3 28.5 42.7#

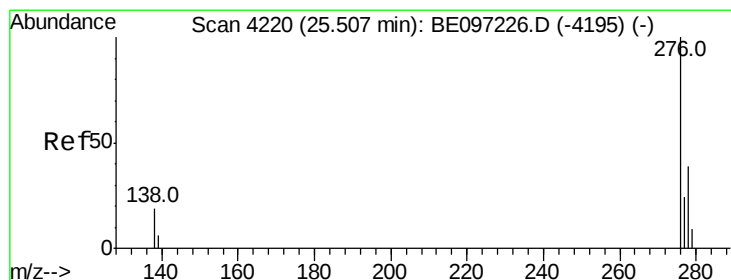
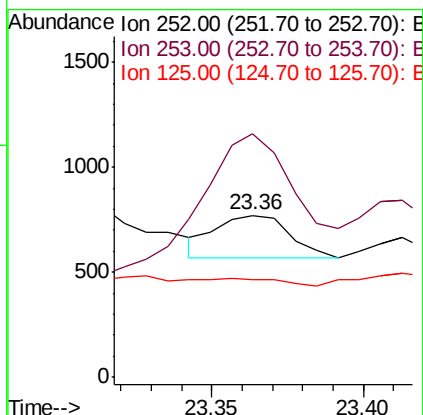
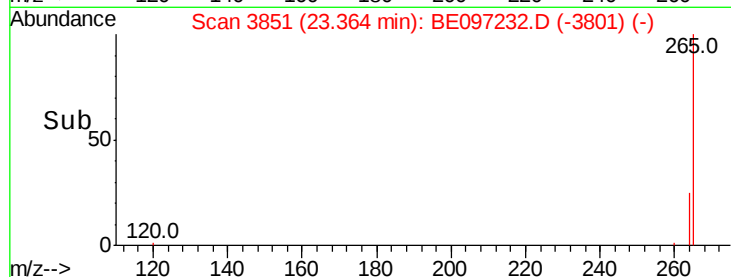
125 60.4 18.1 27.1#



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: 1.164 ng/ul

RT: 25.78 min Scan# 4297

Delta R.T. 0.28 min

Lab File: BE097232.D

Acq: 8 Aug 2018 13:11

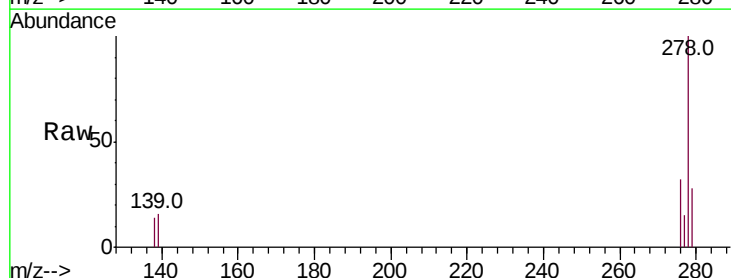
Tgt Ion:276 Resp: 5887

Ion Ratio Lower Upper

276 100

138 44.3 28.0 42.0#

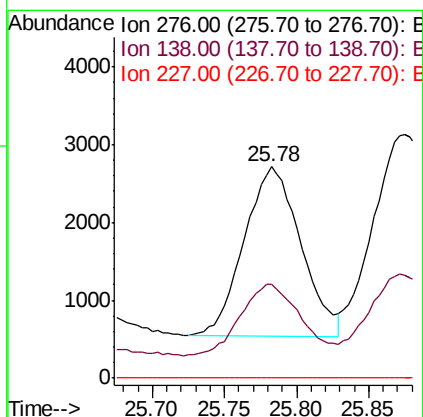
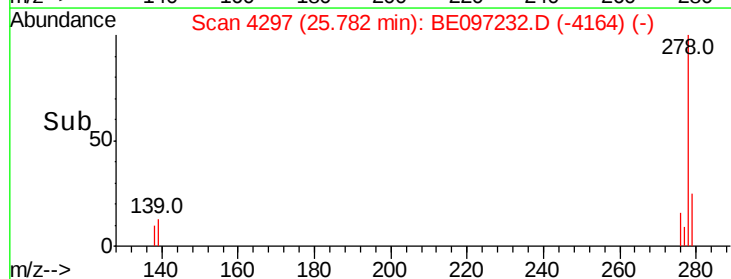
227 0.0 8.0 12.0#

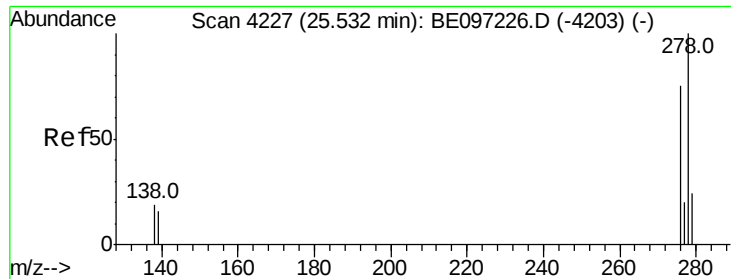


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

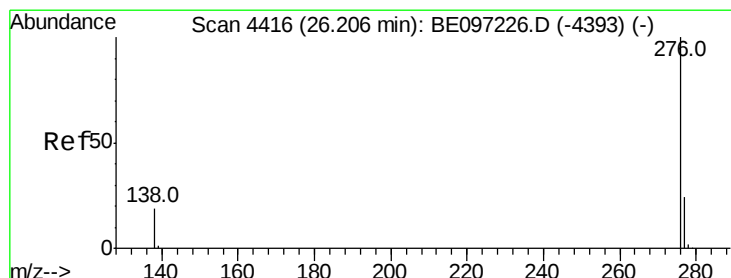
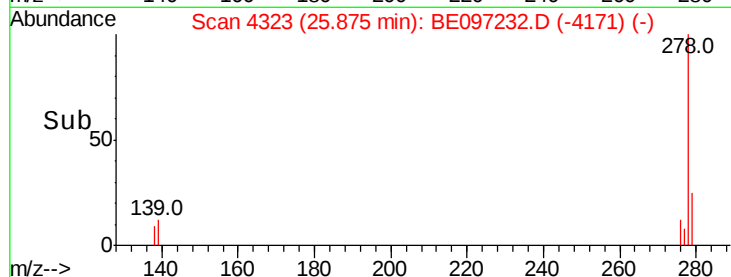
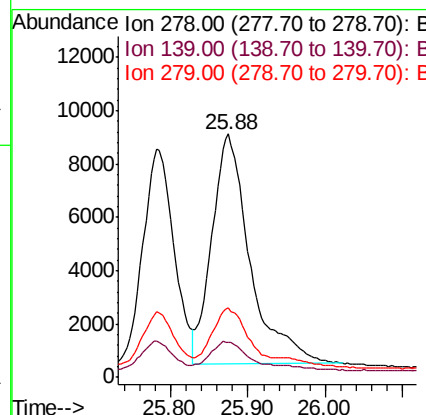
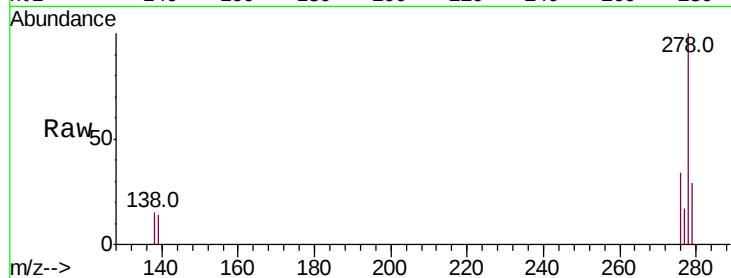




#25
Dibenzo(a,h)anthracene
Concen: 7.162 ng/ul
RT: 25.88 min Scan# 4323
Delta R.T. 0.34 min
Lab File: BE097232.D
Acq: 8 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 29646
Ion Ratio Lower Upper
278 100
139 14.3 17.4 26.0#
279 28.5 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 7.113 ng/ul
RT: 26.58 min Scan# 4521
Delta R.T. 0.37 min
Lab File: BE097232.D
Acq: 8 Aug 2018 13:11

Tgt Ion:276 Resp: 31092
Ion Ratio Lower Upper
276 100
138 21.4 21.8 32.8#
277 30.5 20.5 30.7

