

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097423.D
 Acq On : 7 Sep 2018 13:55
 Operator : SJ/JU
 Sample : J4688-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 07 23:51:22 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 : Fri Sep 07 23:49:56 2018
 Response via : Initial Calibration

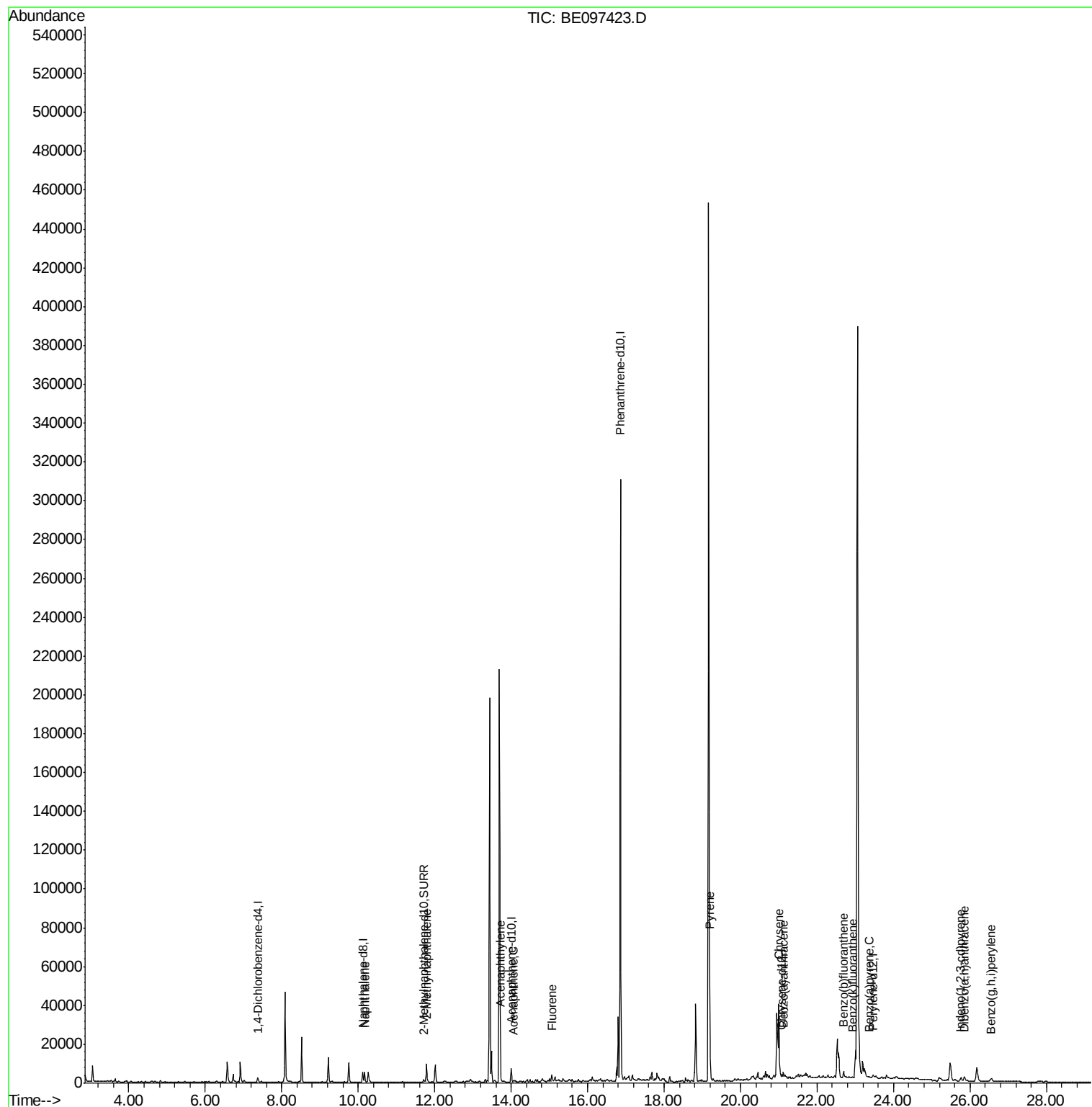
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	938	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4979	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3522	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	366813	0.40	ng/ul	0.10
16) Chrysene-d12	21.08	240	72	0.40	ng/ul	0.11
20) Perylene-d12	23.48	264	288	0.40	ng/ul	0.28
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1670	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	84	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	10.17	128	7614	0.627	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	7760	1.011	ng/ul	97
7) Acenaphthylene	13.72	152	1543	0.120	ng/ul#	80
8) Acenaphthene	14.07	153	587	0.053	ng/ul#	89
9) Fluorene	15.07	166	980	0.078	ng/ul#	67
17) Pyrene	19.20	202	46692	240.989	ng/ul#	79
18) Benzo(a)anthracene	21.12	228	2914	15.755	ng/ul#	23
19) Chrysene	21.00	228	35852	168.241	ng/ul	95
21) Benzo(b)fluoranthene	22.70	252	4632	6.006	ng/ul	94
22) Benzo(k)fluoranthene	22.93	252	438	0.509	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	252	0.353	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	25.76	276	816	0.882	ng/ul#	69
25) Dibenzo(a,h)anthracene	25.85	278	3813	4.866	ng/ul#	90
26) Benzo(g,h,i)perylene	26.56	276	3150	3.995	ng/ul#	88

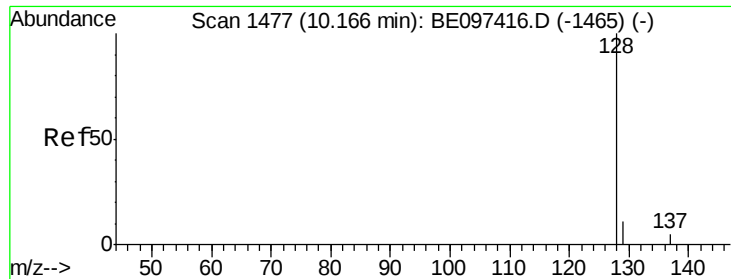
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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QLast Update : Fri Sep 07 23:49:56 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.627 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

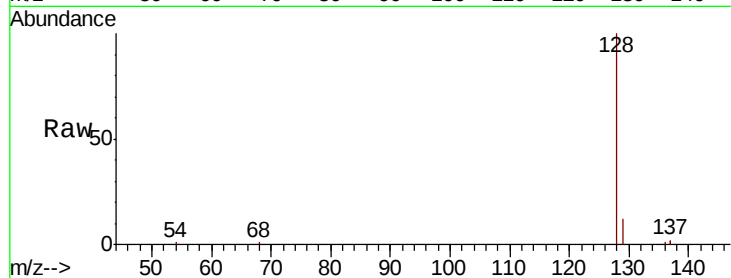
Tot Ion:128 Resp: 7614

Ion Ratio Lower Upper

128 100

129 12.2 11.3 16.9

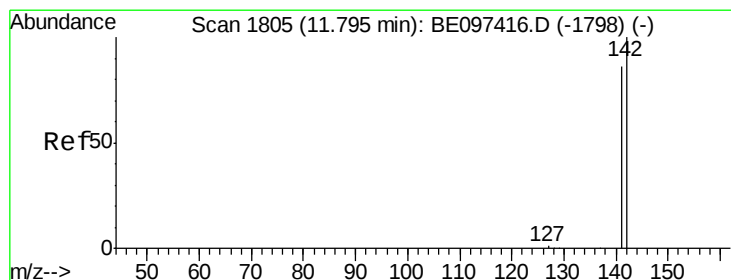
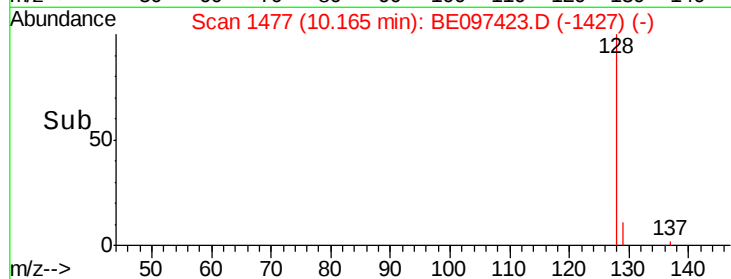
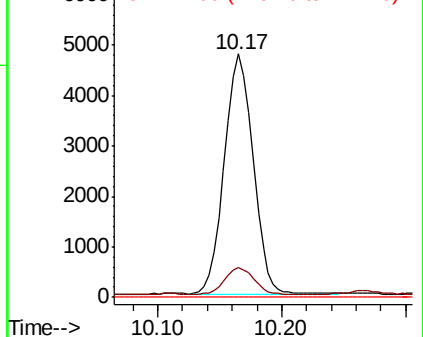
127 0.0 4.0 6.0#



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: 1.011 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097423.D

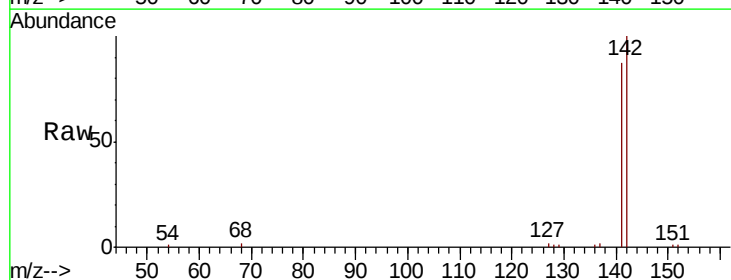
Acq: 7 Sep 2018 13:55

Tgt Ion:142 Resp: 7760

Ion Ratio Lower Upper

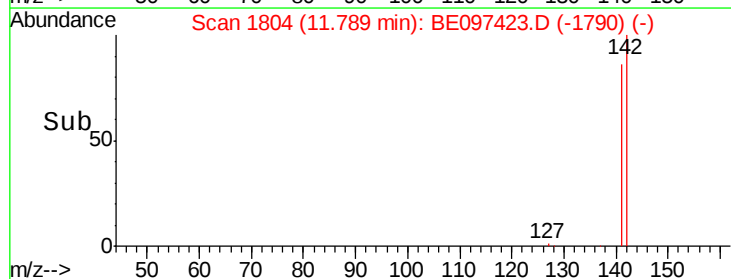
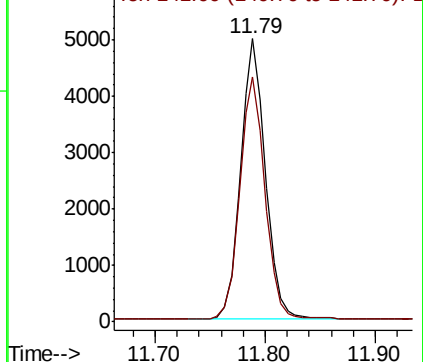
142 100

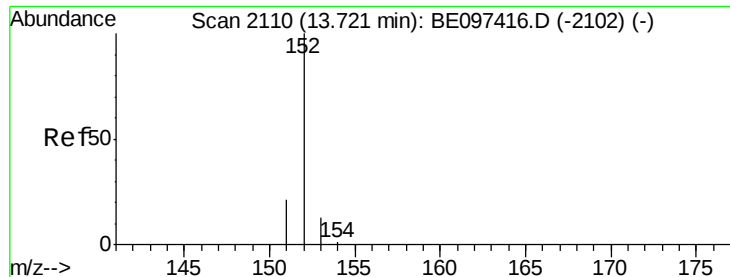
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

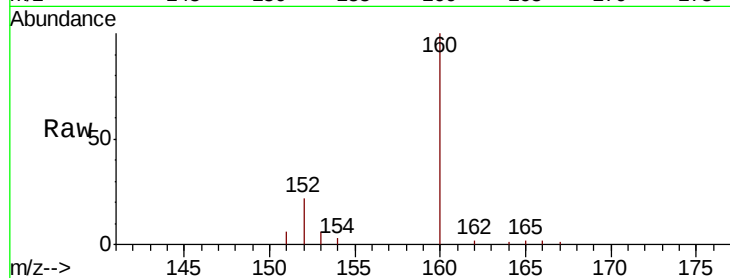
Tot Ion:152 Resp: 1543

Ion Ratio Lower Upper

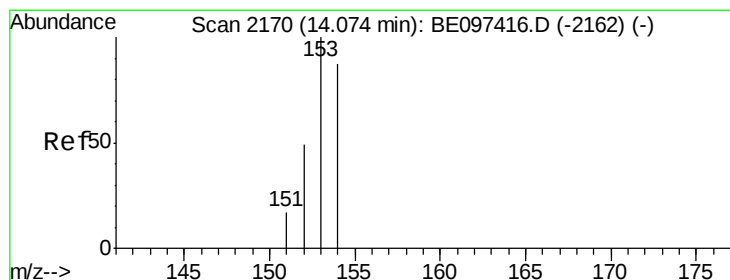
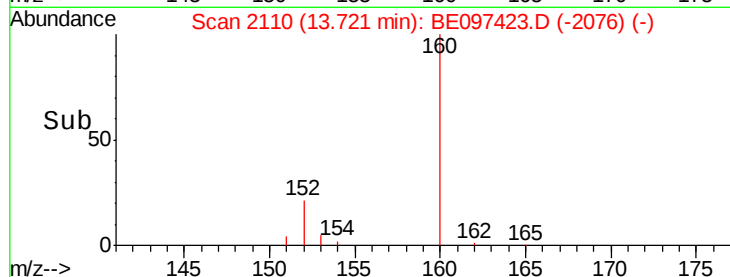
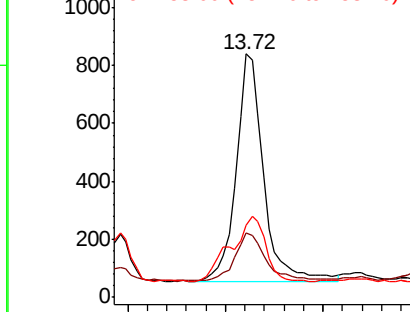
152 100

151 26.5 17.1 25.7#

153 29.8 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: 0.053 ng/ul

RT: 14.07 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

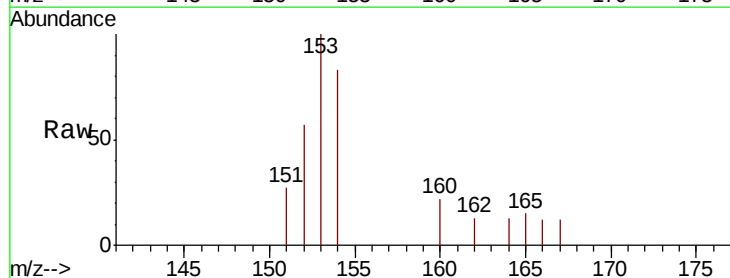
Tgt Ion:153 Resp: 587

Ion Ratio Lower Upper

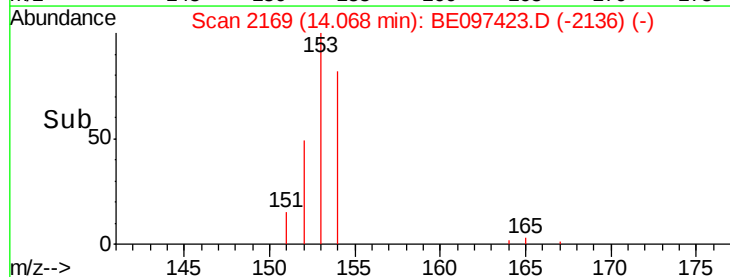
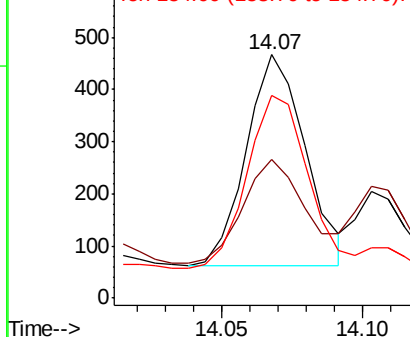
153 100

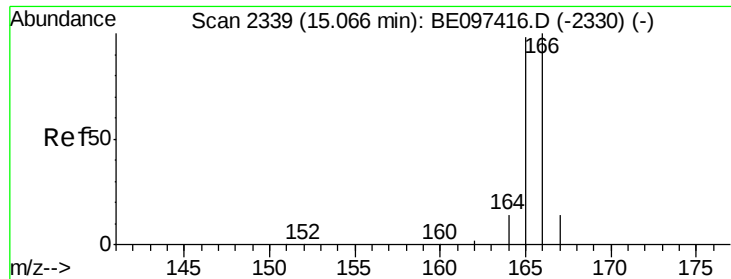
152 57.2 36.0 54.0#

154 83.1 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: 0.078 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

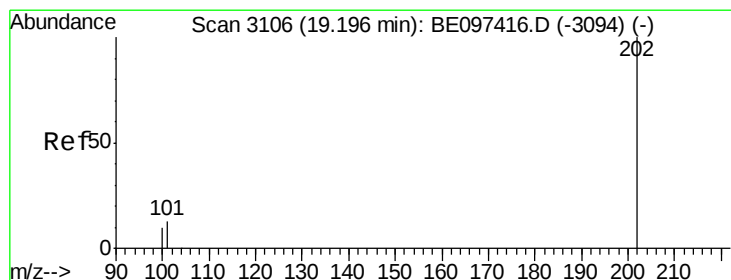
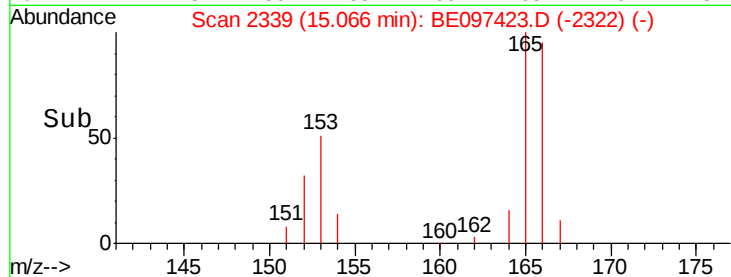
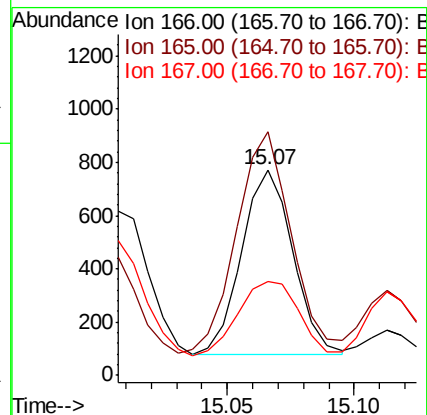
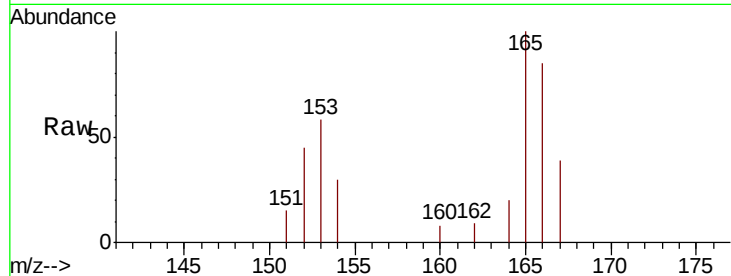
Tot Ion:166 Resp: 980

Ion Ratio Lower Upper

166 100

165 118.2 73.4 110.2#

167 45.9 14.6 22.0#



#17

Pyrene

Concen: 240.989 ng/ul

RT: 19.20 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

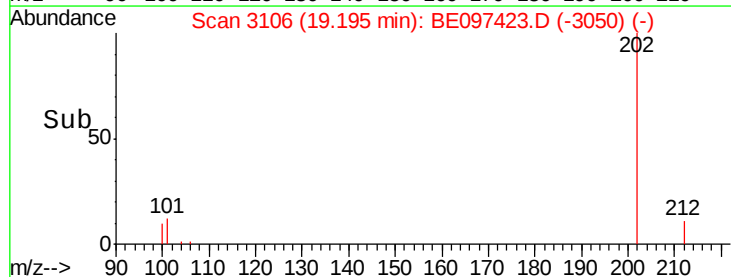
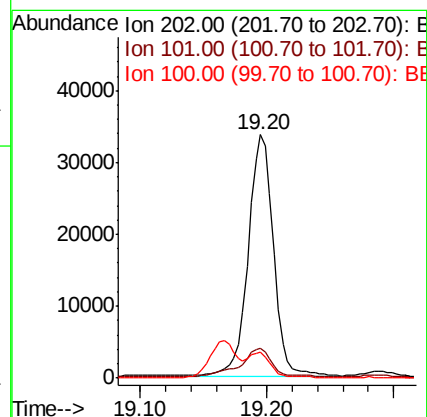
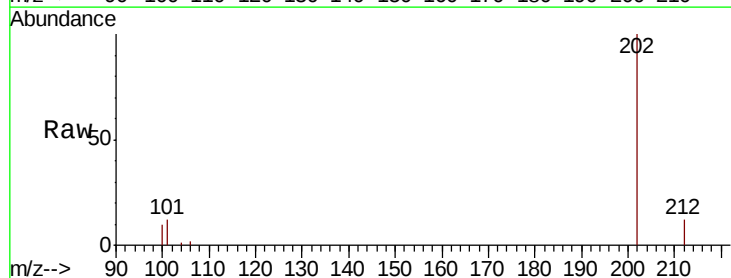
Tgt Ion:202 Resp: 46692

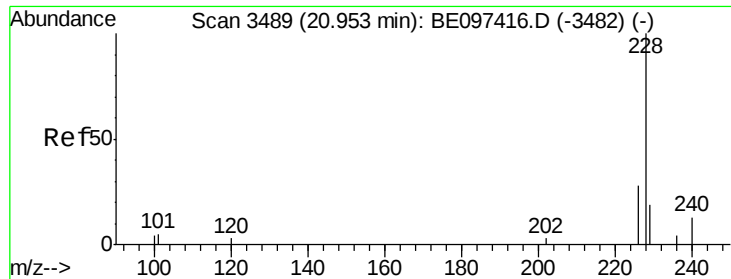
Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

100 10.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 15.755 ng/ul

RT: 21.12 min Scan# 3521

Delta R.T. 0.16 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

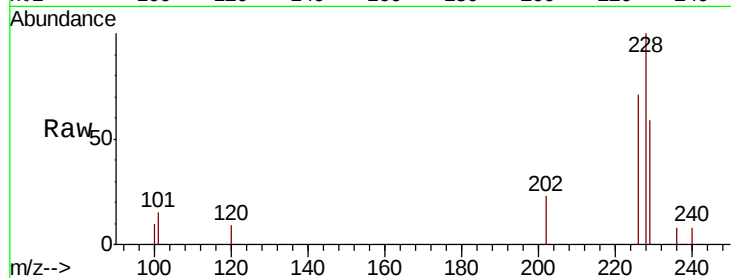
Tot Ion:228 Resp: 2914

Ion Ratio Lower Upper

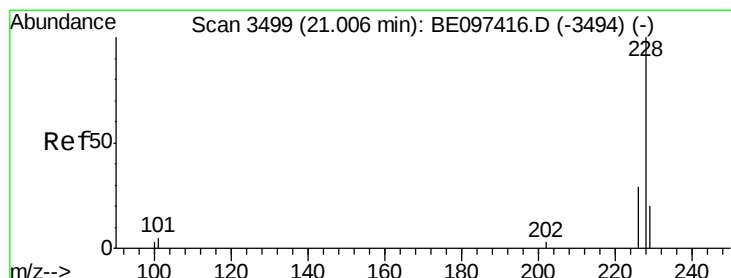
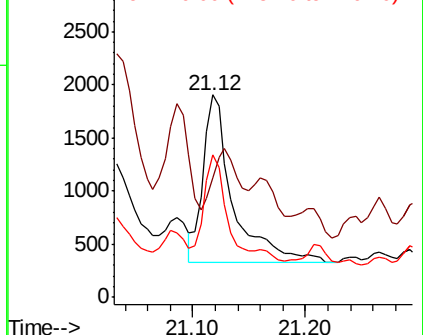
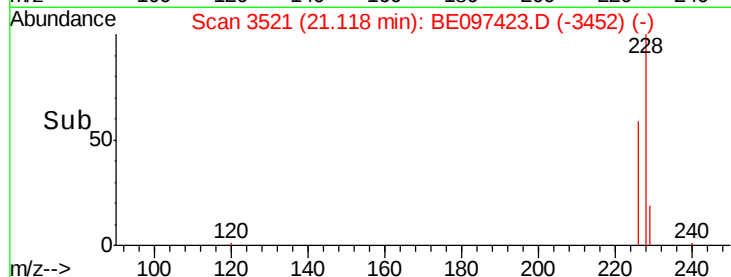
228 100

229 58.8 22.8 34.2#

226 70.6 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: 168.241 ng/ul

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

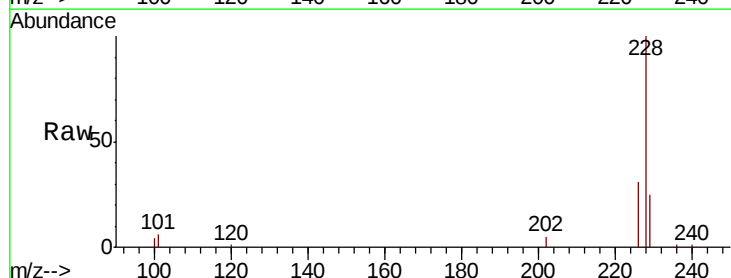
Tgt Ion:228 Resp: 35852

Ion Ratio Lower Upper

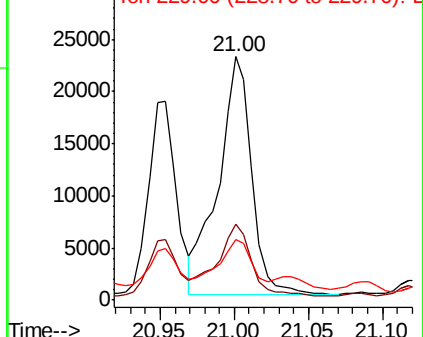
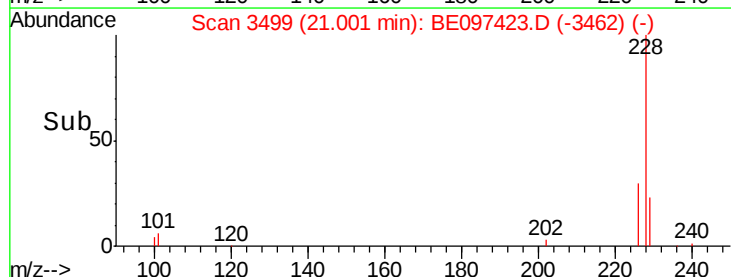
228 100

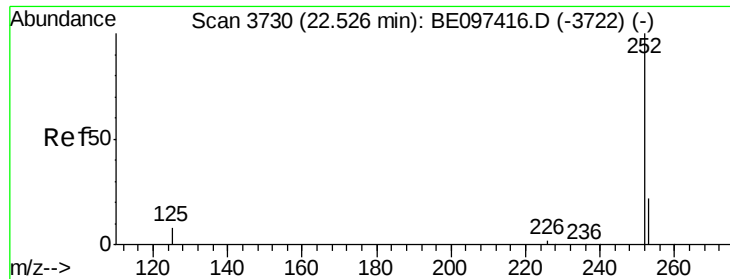
226 31.1 23.4 35.0

229 25.0 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: 6.006 ng/ul

RT: 22.70 min Scan# 3755

Delta R.T. 0.17 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

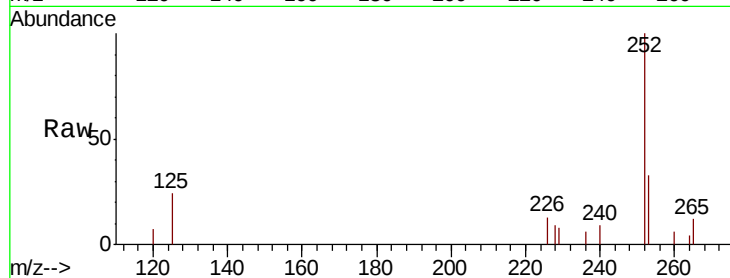
Tot Ion:252 Resp: 4632

Ion Ratio Lower Upper

252 100

253 33.0 0.0 64.2

125 24.1 0.0 35.0

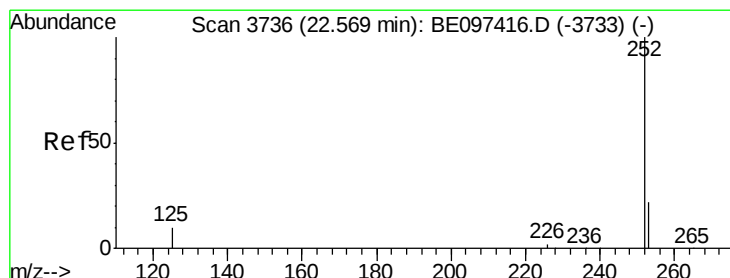
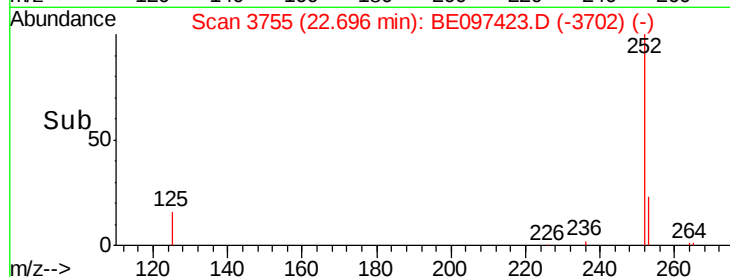
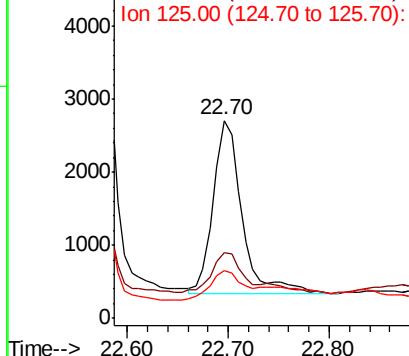


Abundance

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: 0.509 ng/ul

RT: 22.93 min Scan# 3788

Delta R.T. 0.36 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

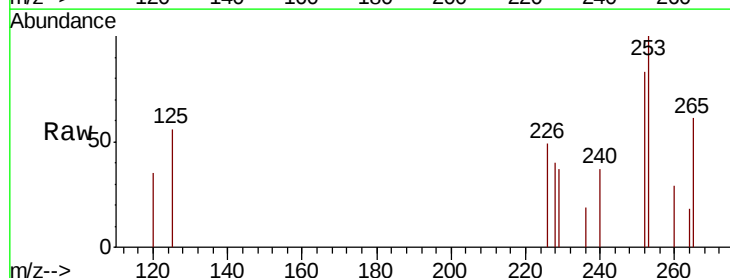
Tgt Ion:252 Resp: 438

Ion Ratio Lower Upper

252 100

253 120.3 24.5 36.7#

125 67.3 13.7 20.5#

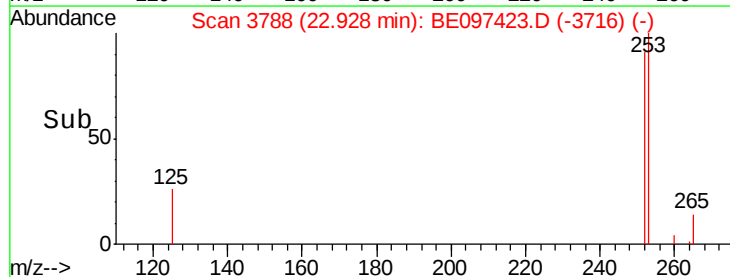
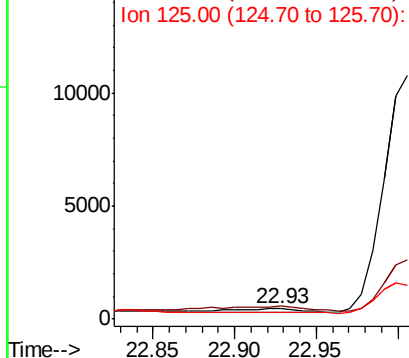


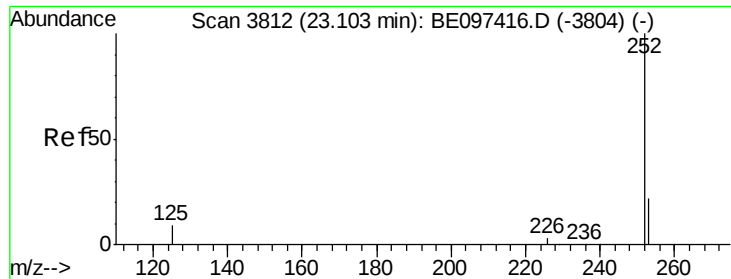
Abundance

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: 0.353 ng/ul

RT: 23.39 min Scan# 3853

Delta R.T. 0.28 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

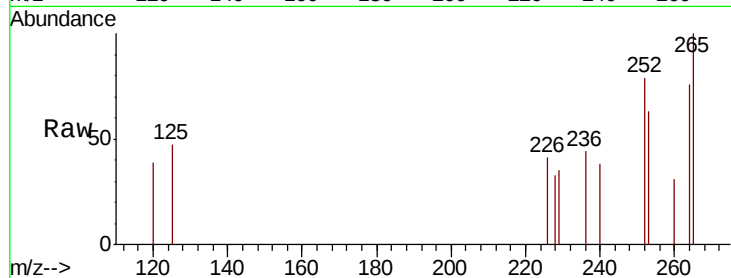
Tot Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

253 80.4 28.5 42.7#

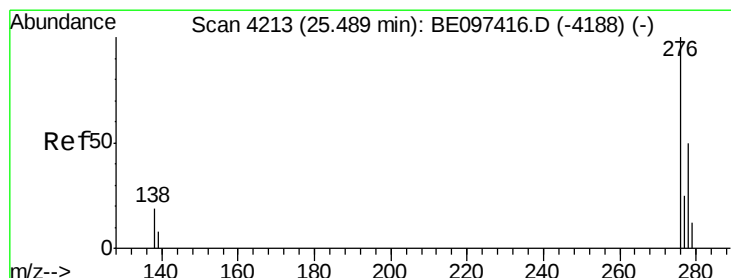
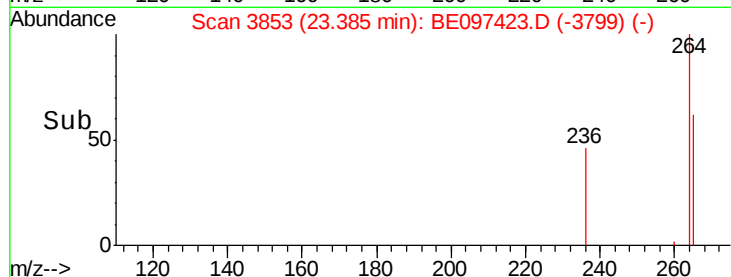
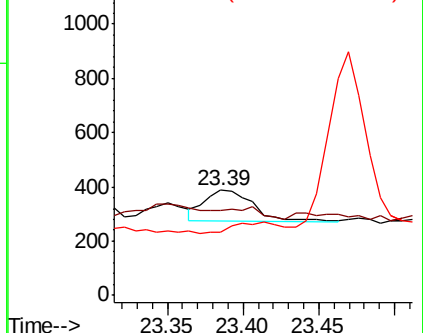
125 59.5 18.1 27.1#



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: 0.882 ng/ul

RT: 25.76 min Scan# 4291

Delta R.T. 0.27 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

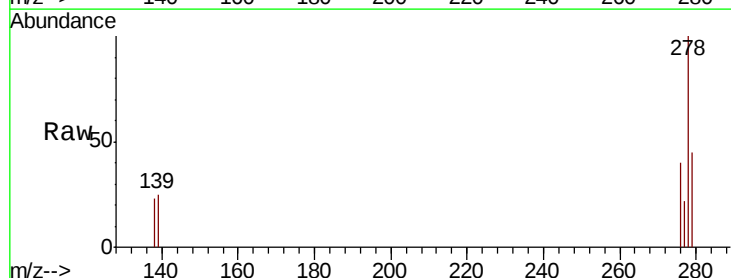
Tgt Ion:276 Resp: 816

Ion Ratio Lower Upper

276 100

138 53.9 28.0 42.0#

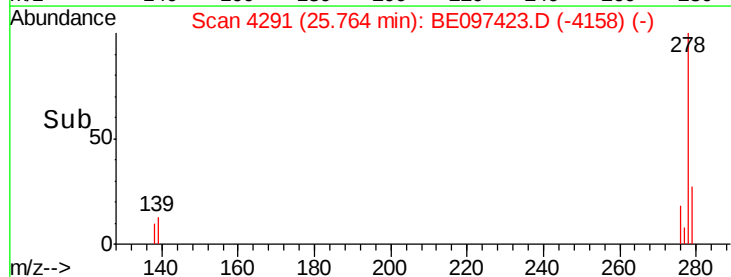
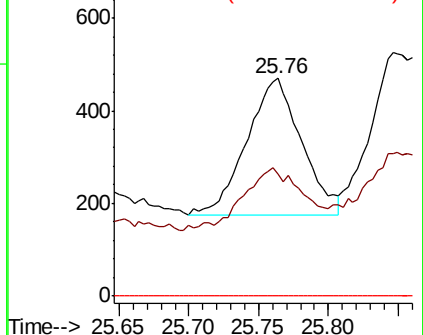
227 0.0 8.0 12.0#

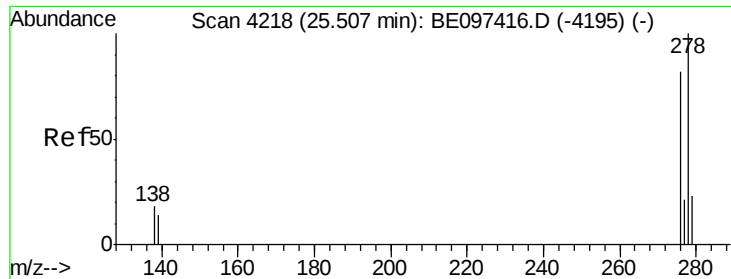


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

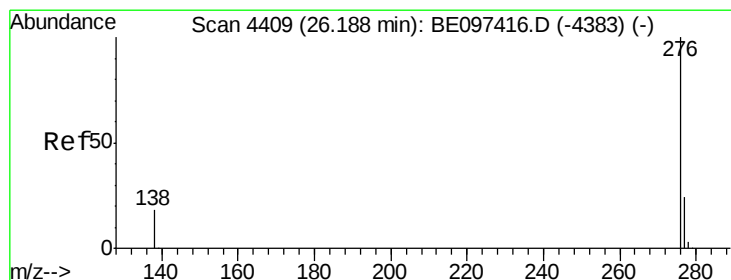
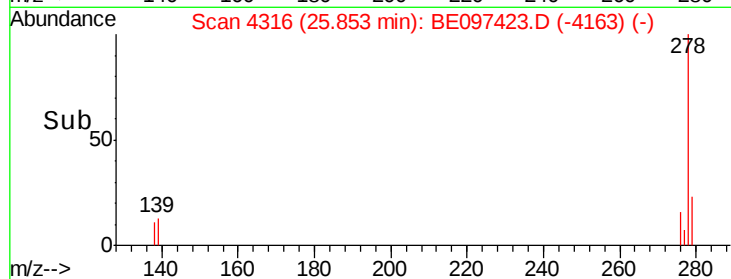
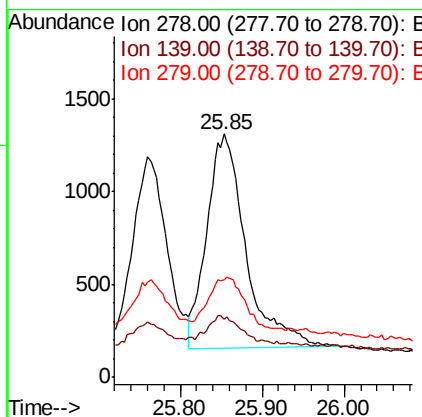
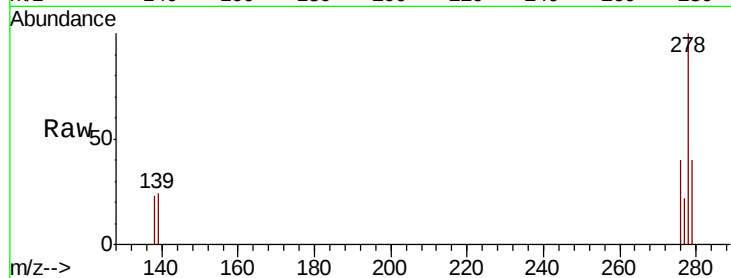




#25
Dibenzo(a,h)anthracene
Concen: 4.866 ng/ul
RT: 25.85 min Scan# 4316
Delta R.T. 0.35 min
Lab File: BE097423.D
Acq: 7 Sep 2018 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3813
Ion Ratio Lower Upper
278 100
139 24.0 17.4 26.0
279 40.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 3.995 ng/ul
RT: 26.56 min Scan# 4514
Delta R.T. 0.37 min
Lab File: BE097423.D
Acq: 7 Sep 2018 13:55

Tgt Ion:276 Resp: 3150
Ion Ratio Lower Upper
276 100
138 31.4 21.8 32.8
277 34.1 20.5 30.7#

