

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094328.D
 Acq On : 13 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I5568-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 02:19:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 02:15:10 2017
 Response via : Initial Calibration

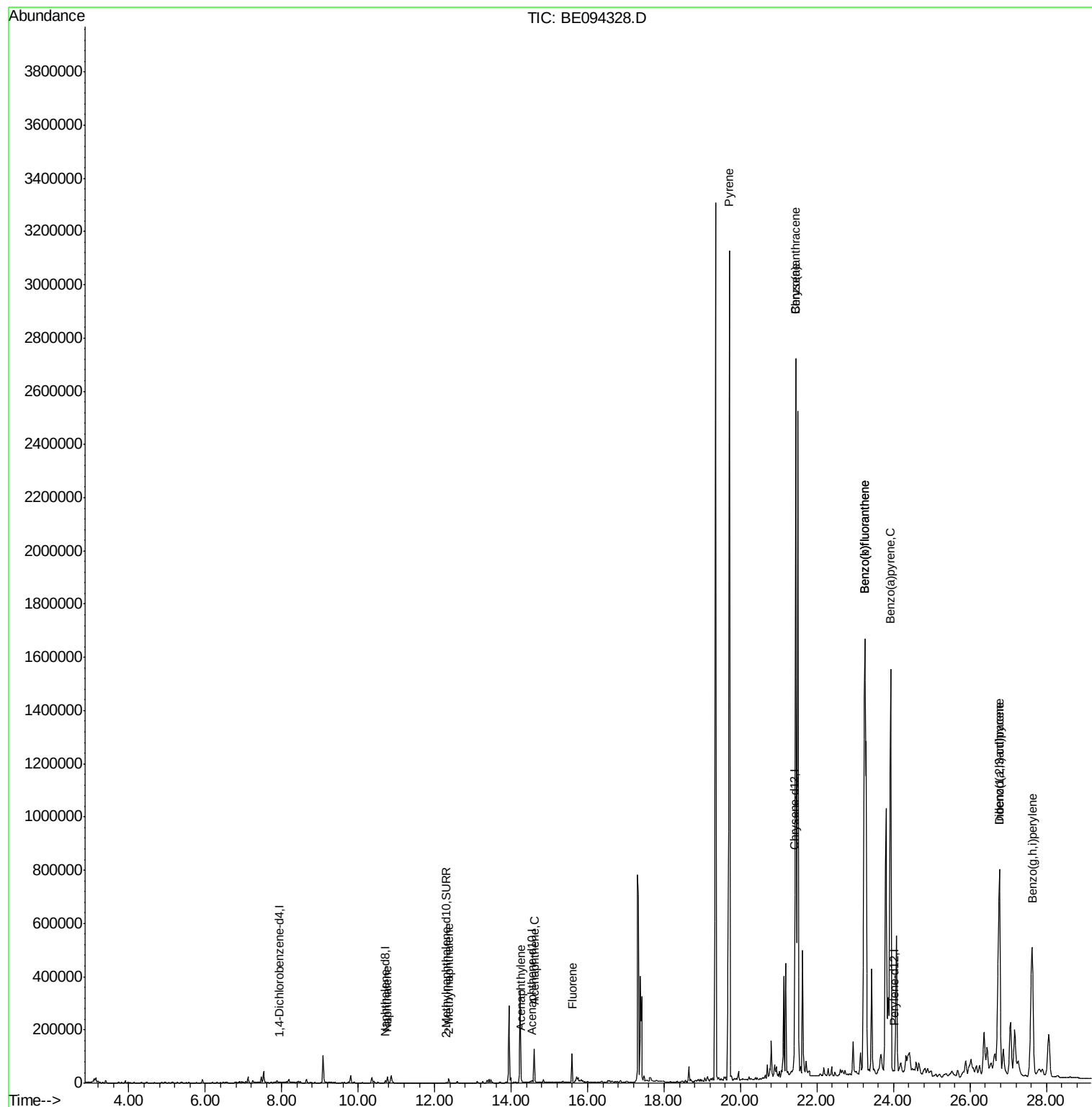
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1603	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8037	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	5304	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.41	240	1730	0.40	ng/ul	-0.01
20) Perylene-d12	24.02	264	14511	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	2796	0.22	ng/ul	0.01
14) Fluoranthene-d10	19.31	212	6029	0.00	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	34677	1.762	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	14741	1.154	ng/ul	100
7) Acenaphthylene	14.27	152	12941	0.626	ng/ul#	91
8) Acenaphthene	14.60	153	77282	4.540	ng/ul	97
9) Fluorene	15.59	166	68280	3.425	ng/ul#	95
17) Pyrene	19.71	202	3995629	830.095	ng/ul#	82
18) Benzo(a)anthracene	21.44	228	3085202	672.233	ng/ul#	87
19) Chrysene	21.44	228	3085202	582.107	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	5203151	131.996	ng/ul	86
22) Benzo(k)fluoranthene	23.25	252	5203151	114.195	ng/ul#	88
23) Benzo(a)pyrene	23.92	252	2663424	65.022	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.77	276	1565061	37.350	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.76	278	460017	13.088	ng/ul	97
26) Benzo(g,h,i)perylene	27.62	276	1357775	37.567	ng/ul	98

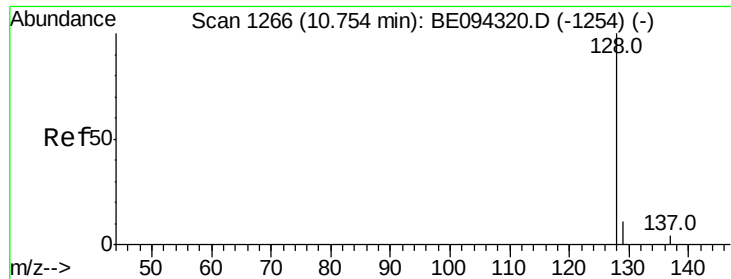
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.762 ng/ul

RT: 10.77 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

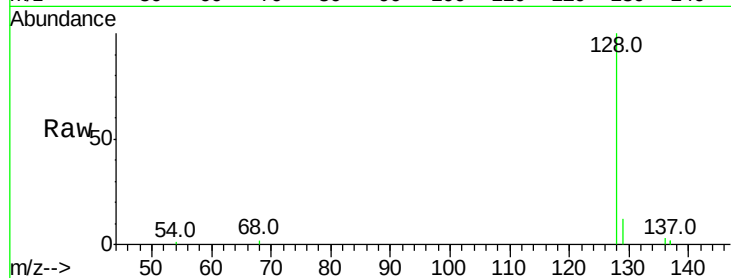
Tot Ion:128 Resp: 34677

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

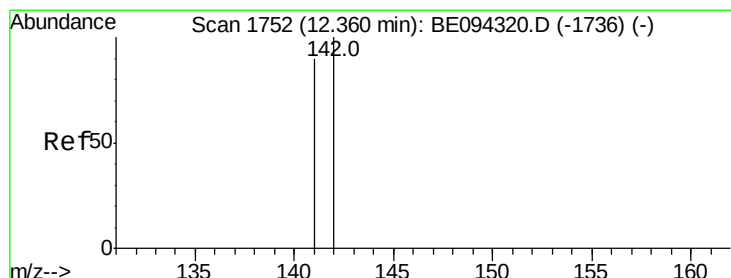
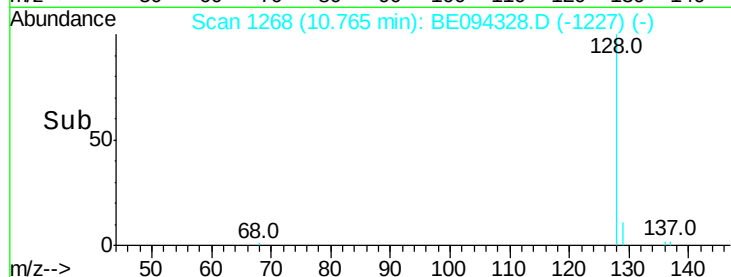
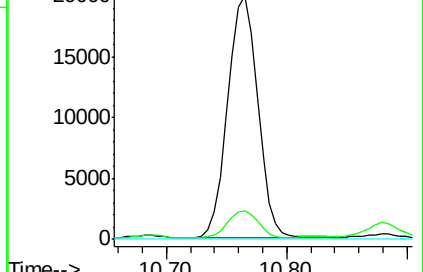
127 0.0 4.0 6.0#



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: 1.154 ng/ul

RT: 12.37 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BE094328.D

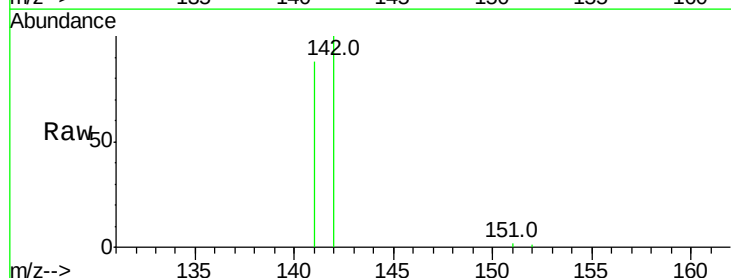
Acq: 13 Oct 2017 17:33

Tgt Ion:142 Resp: 14741

Ion Ratio Lower Upper

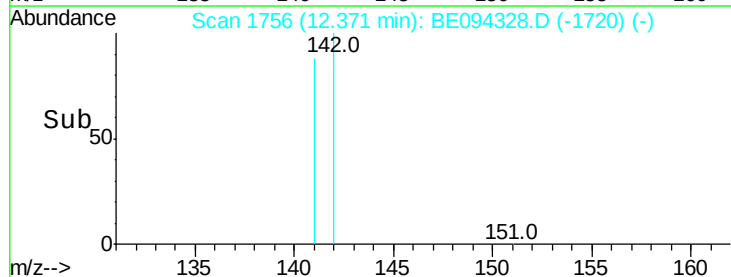
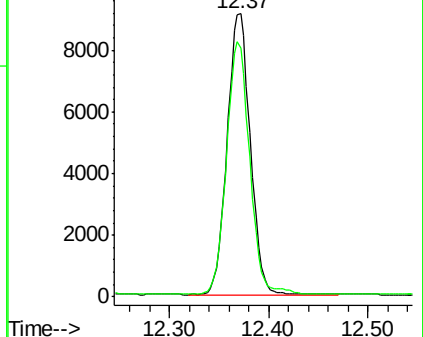
142 100

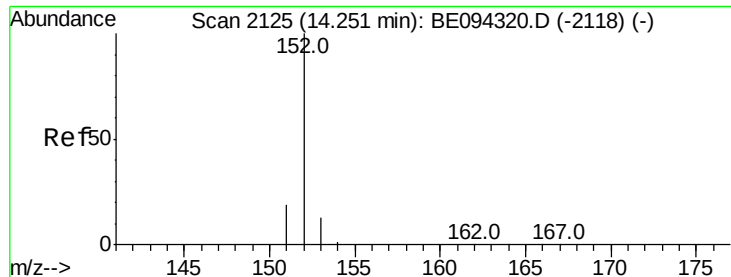
141 90.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.626 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

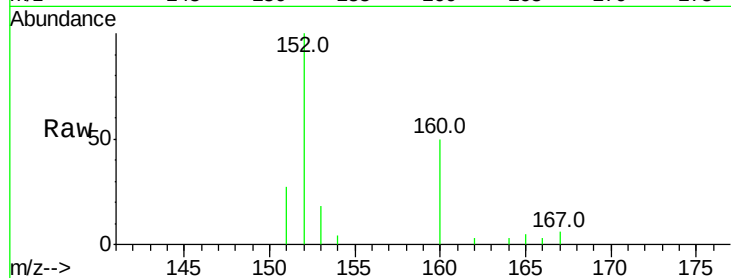
Tot Ion:152 Resp: 12941

Ion Ratio Lower Upper

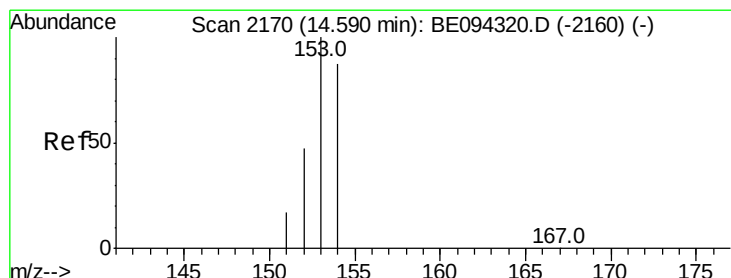
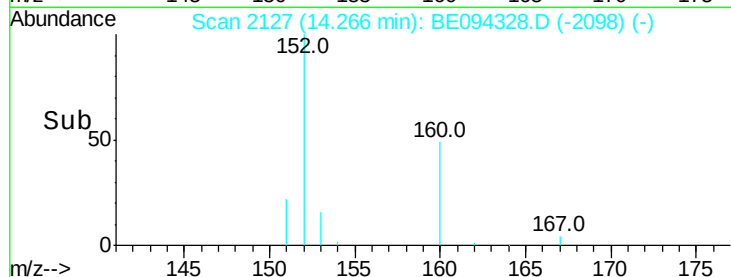
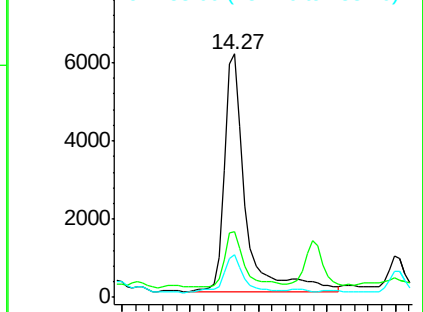
152 100

151 27.1 17.1 25.7#

153 17.6 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: 4.540 ng/ul

RT: 14.60 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

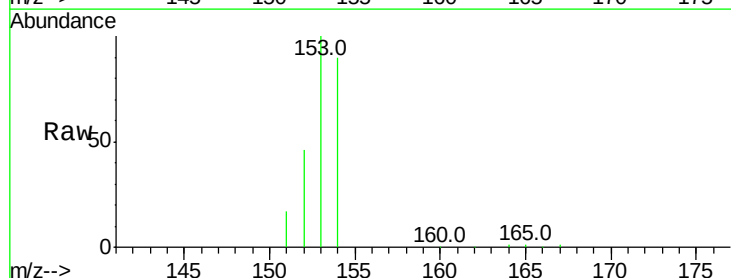
Tgt Ion:153 Resp: 77282

Ion Ratio Lower Upper

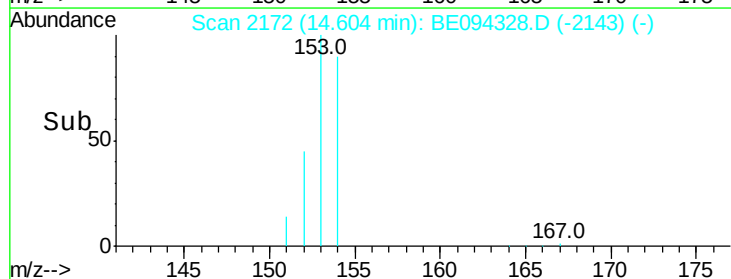
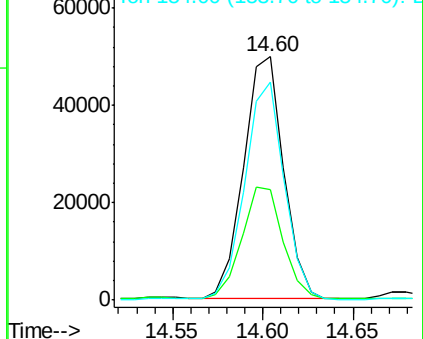
153 100

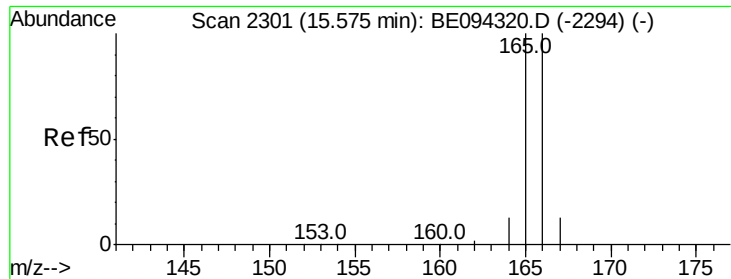
152 45.6 40.3 60.5

154 89.5 71.4 107.2



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: 3.425 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

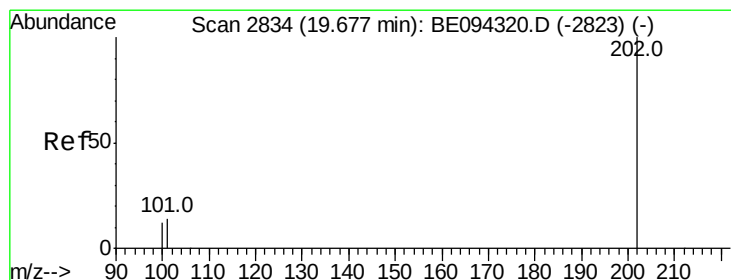
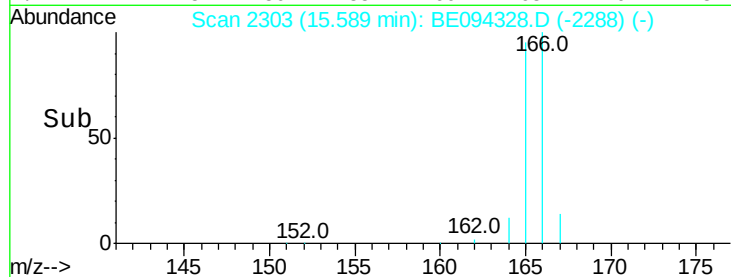
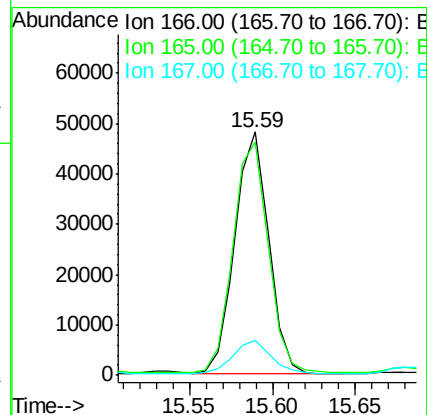
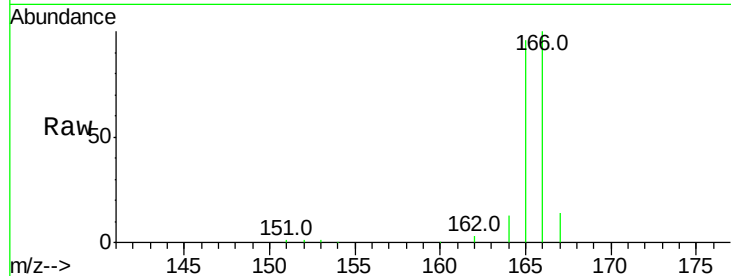
Tot Ion:166 Resp: 68280

Ion Ratio Lower Upper

166 100

165 95.6 73.4 110.2

167 14.4 14.6 22.0#



#17

Pyrene

Concen: 830.095 ng/ul

RT: 19.71 min Scan# 2841

Delta R.T. 0.03 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

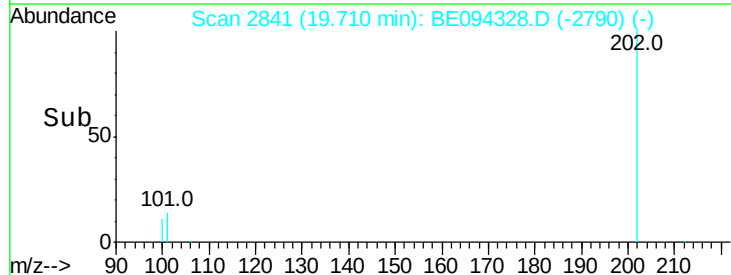
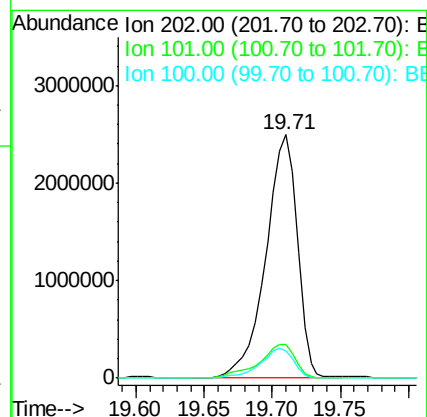
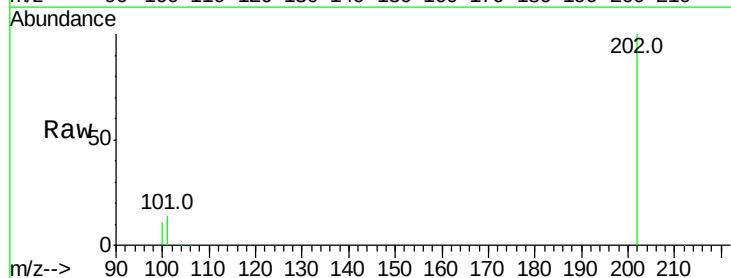
Tgt Ion:202 Resp: 3995629

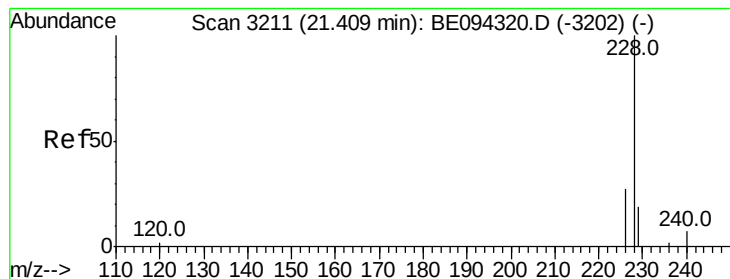
Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

100 11.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 672.233 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. 0.04 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

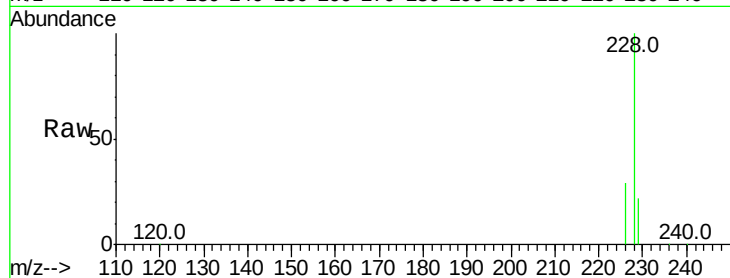
Tot Ion:228 Resp: 3085202

Ion Ratio Lower Upper

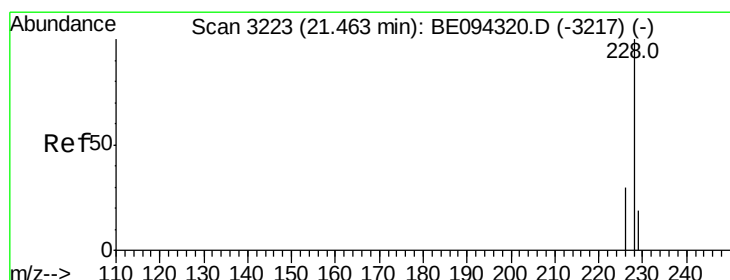
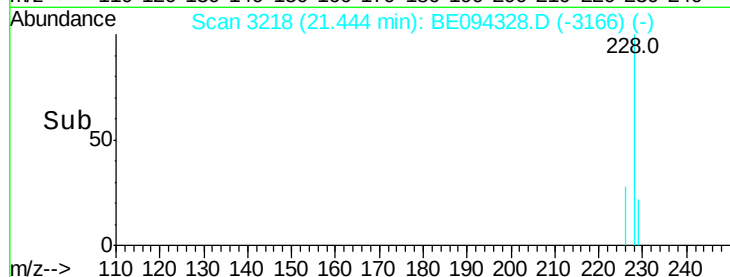
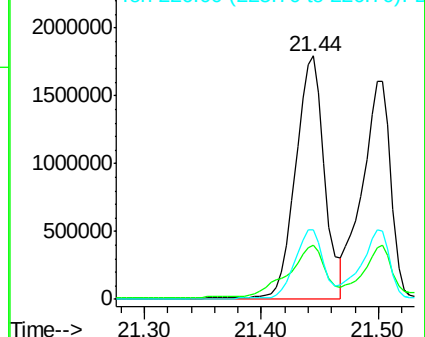
228 100

229 22.4 22.8 34.2#

226 28.7 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: 582.107 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

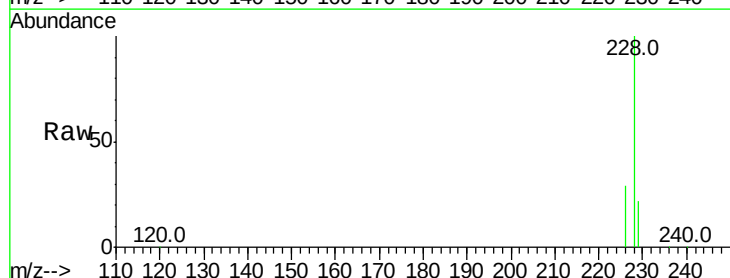
Tgt Ion:228 Resp: 3085202

Ion Ratio Lower Upper

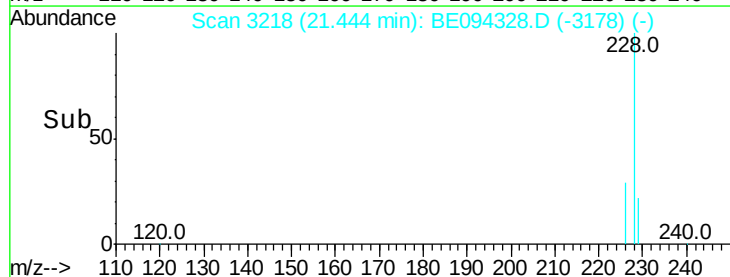
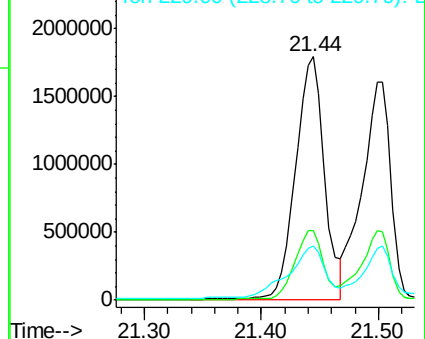
228 100

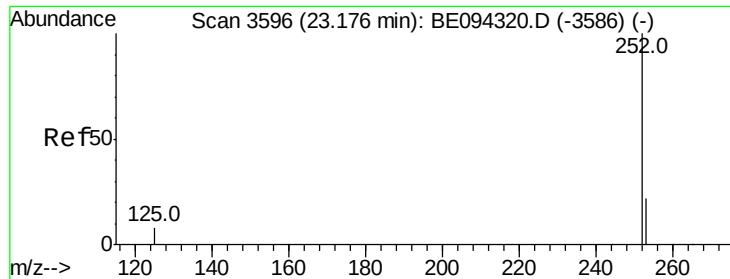
226 28.7 23.4 35.0

229 22.4 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: 131.996 ng/ul

RT: 23.25 min Scan# 3611

Delta R.T. 0.07 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

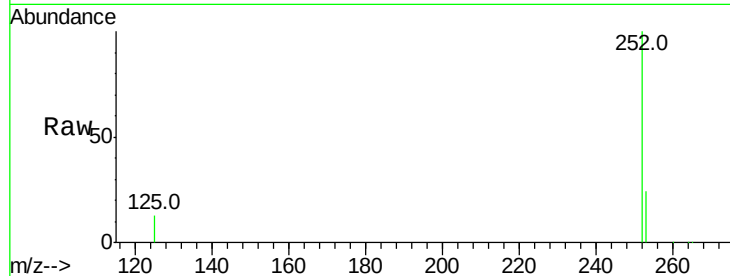
Tot Ion:252 Resp: 5203151

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

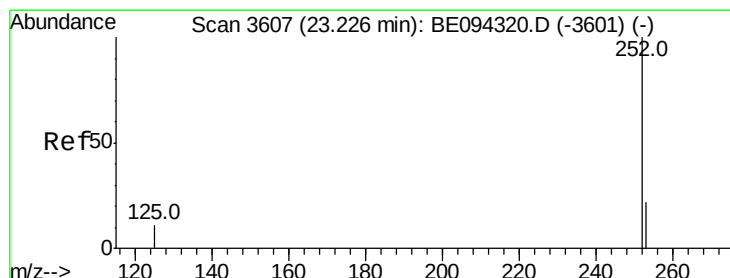
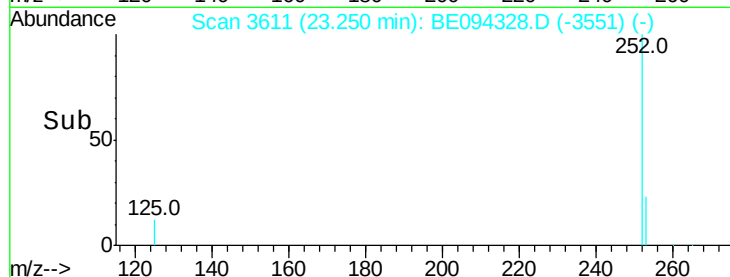
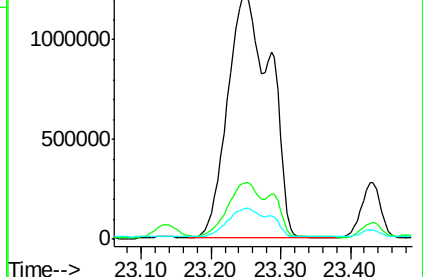
125 12.7 0.0 35.0



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: 114.195 ng/ul

RT: 23.25 min Scan# 3611

Delta R.T. 0.02 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

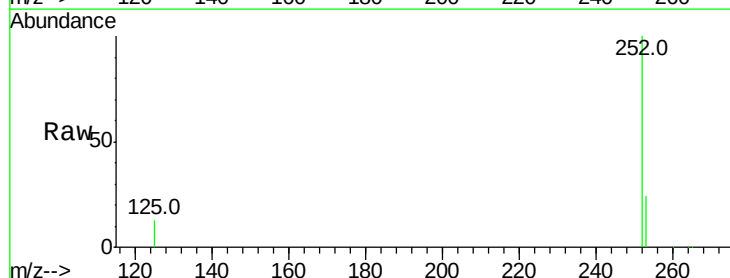
Tgt Ion:252 Resp: 5203151

Ion Ratio Lower Upper

252 100

253 23.5 24.5 36.7#

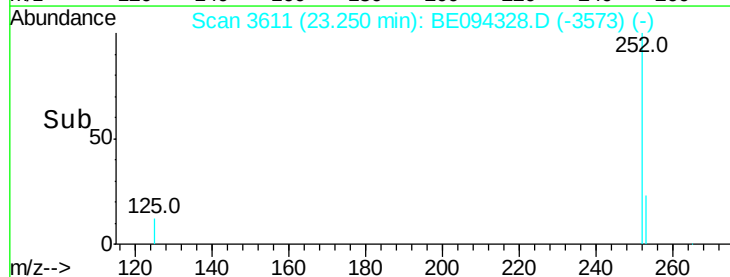
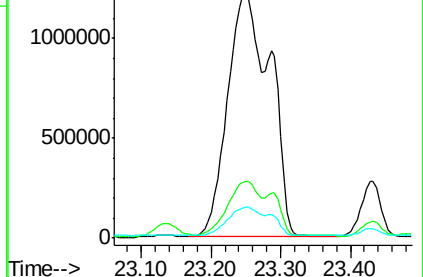
125 12.7 13.7 20.5#

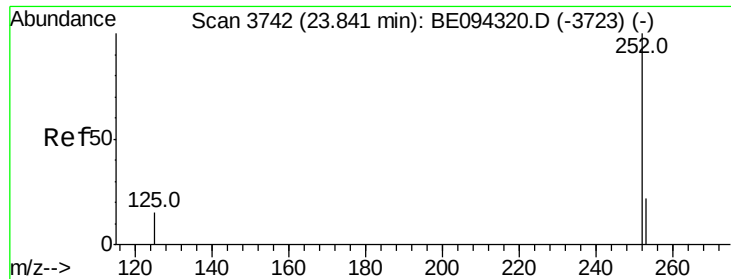


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 65.022 ng/ul

RT: 23.92 min Scan# 3759

Delta R.T. 0.08 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampled :

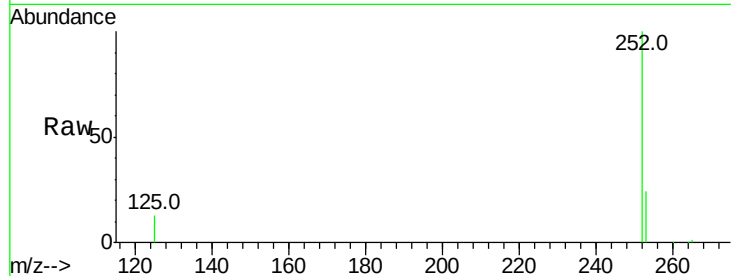
Tot Ion:252 Resp: 2663424

Ion Ratio Lower Upper

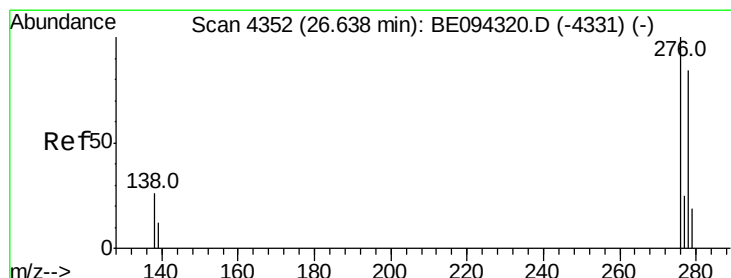
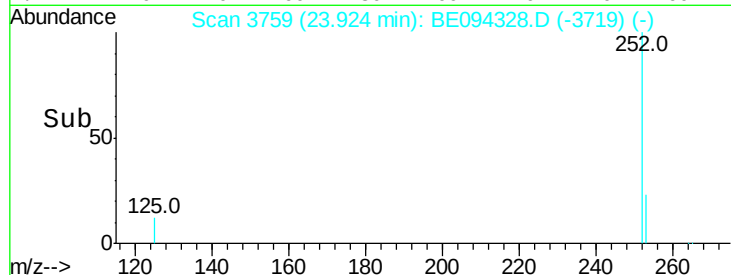
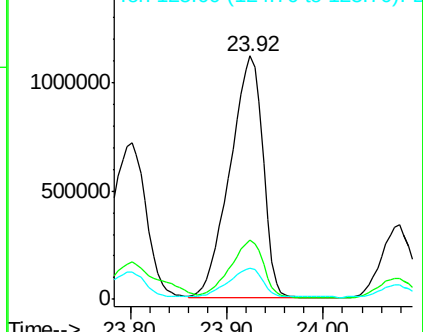
252 100

253 24.2 28.5 42.7#

125 12.8 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: 37.350 ng/ul

RT: 26.77 min Scan# 4381

Delta R.T. 0.14 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

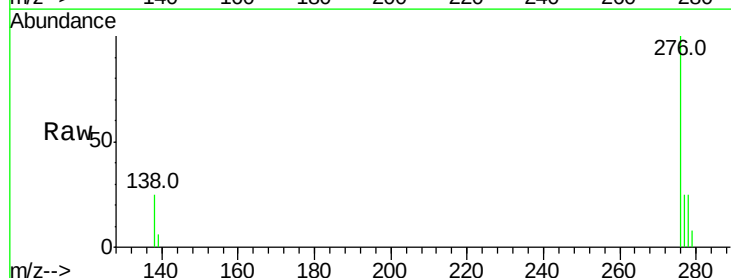
Tgt Ion:276 Resp: 1565061

Ion Ratio Lower Upper

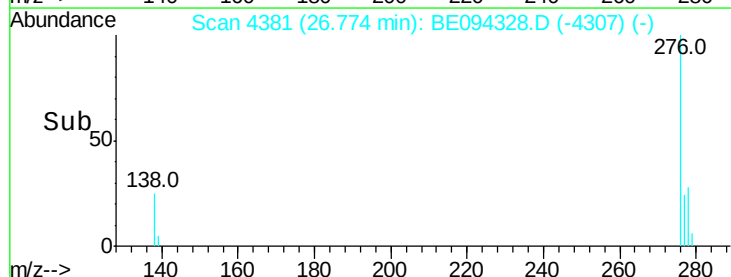
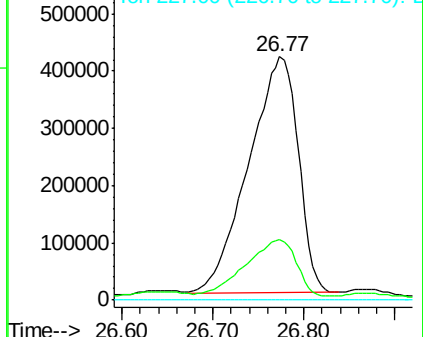
276 100

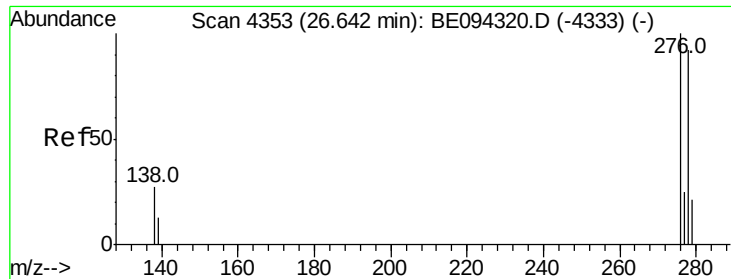
138 24.3 28.0 42.0#

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



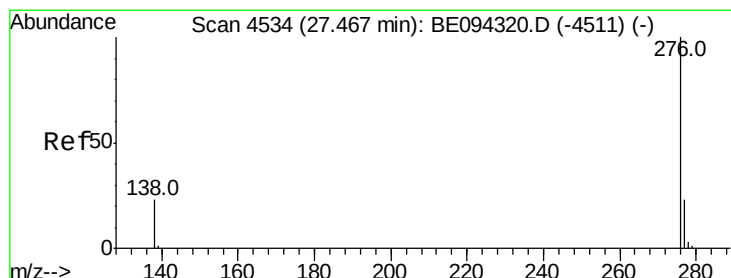
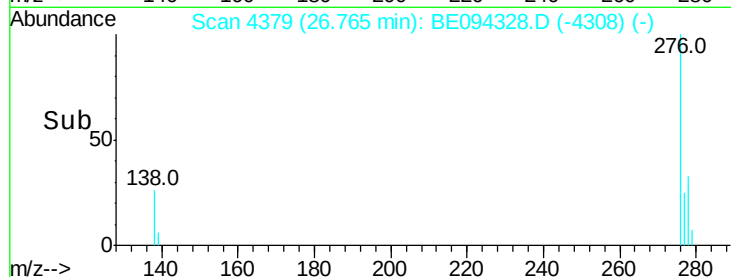
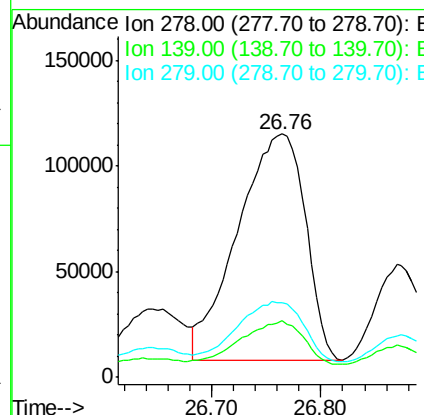
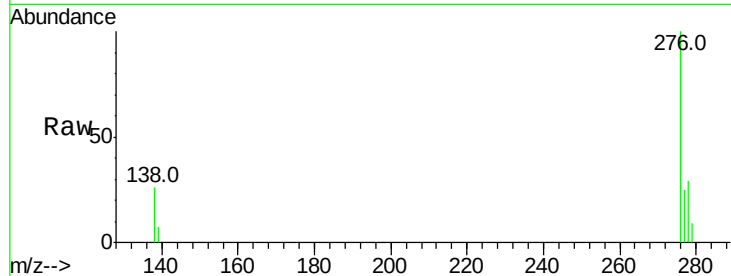


#25
Dibenzo(a,h)anthracene
Concen: 13.088 ng/ul
RT: 26.76 min Scan# 4379
Delta R.T. 0.12 min
Lab File: BE094328.D
Acq: 13 Oct 2017 17:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 460017

Ion	Ratio	Lower	Upper
278	100		
139	23.1	17.4	26.0
279	30.5	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 37.567 ng/ul
RT: 27.62 min Scan# 4567
Delta R.T. 0.15 min
Lab File: BE094328.D
Acq: 13 Oct 2017 17:33

Tgt Ion:276 Resp: 1357775

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.8	32.8
277	25.5	20.5	30.7

