

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094859.D
 Acq On : 23 Nov 2017 7:17
 Operator : SJ/JU
 Sample : I6496-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 23:16:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 23:11:00 2017
 Response via : Initial Calibration

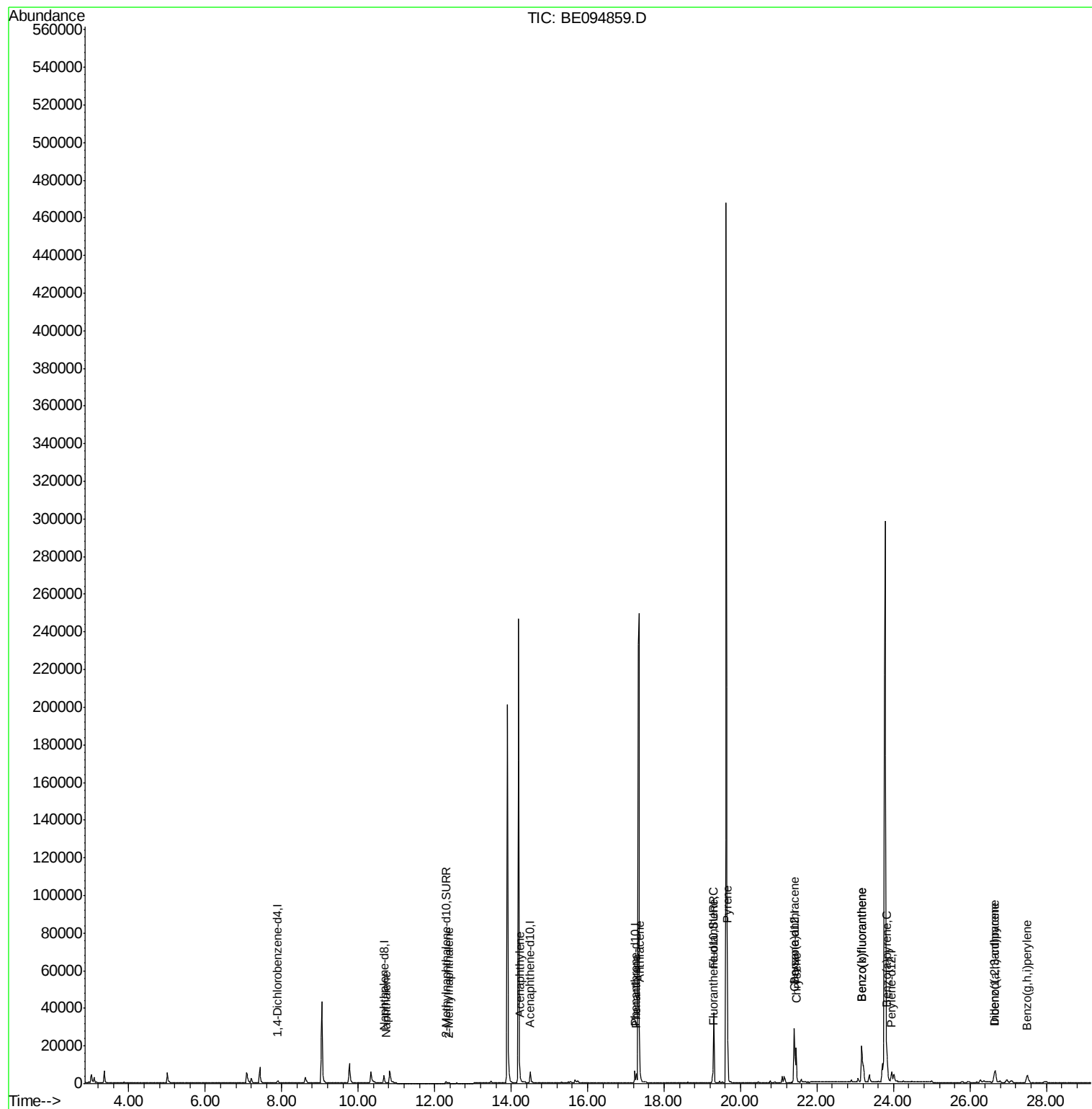
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	689	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.68	136	4796	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.50	164	3428	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	7926	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8367	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9245	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1791	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6110	0.22	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.72	128	298	0.03	ng/ul#	50
5) 2-Methylnaphthalene	12.37	142	212	0.03	ng/ul	97
7) Acenaphthylene	14.23	152	3113	0.20	ng/ul	99
12) Phenanthrene	17.27	178	5467	0.26	ng/ul#	89
13) Anthracene	17.36	178	2409	0.11	ng/ul#	92
15) Fluoranthene	19.30	202	44618	1.60	ng/ul	83
17) Pyrene	19.66	202	42870	1.64	ng/ul#	77
18) Benzo(a)anthracene	21.40	228	28034	1.10	ng/ul#	87
19) Chrysene	21.46	228	21832	0.86	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	47033	1.71	ng/ul	85
22) Benzo(k)fluoranthene	23.17	252	47033	1.61	ng/ul#	86
23) Benzo(a)pyrene	23.83	252	21265	0.78	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.66	276	13447	0.45	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.64	278	3514	0.14	ng/ul	97
26) Benzo(g,h,i)perylene	27.50	276	10343	0.41	ng/ul	95

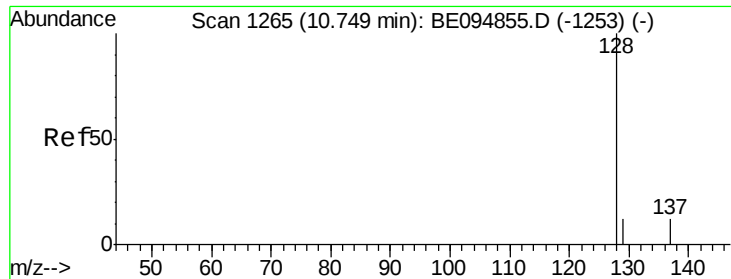
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.03 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

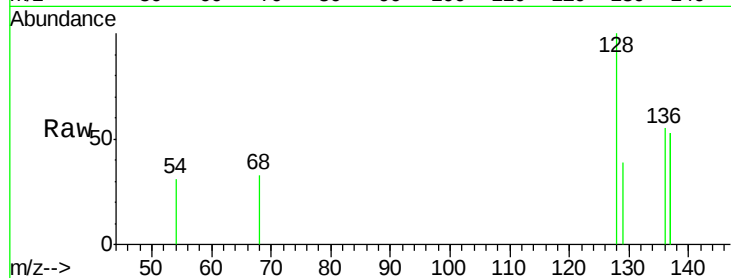
Tot Ion:128 Resp: 298

Ion Ratio Lower Upper

128 100

129 39.3 11.3 16.9#

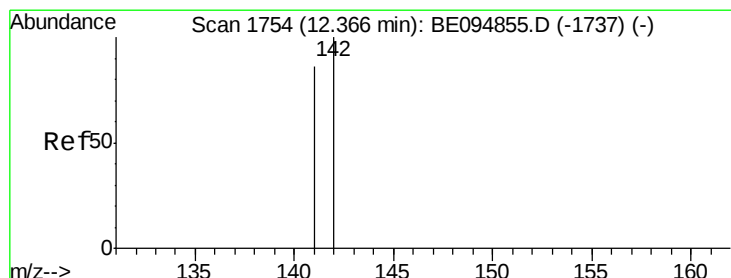
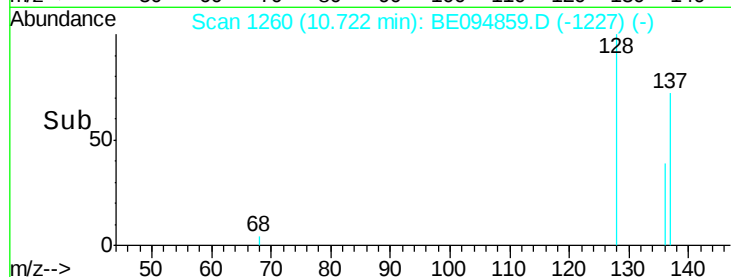
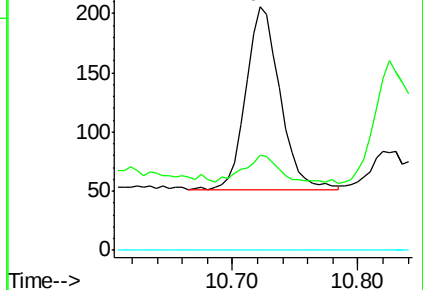
127 0.0 4.0 6.0#



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: 0.03 ng/ul

RT: 12.37 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BE094859.D

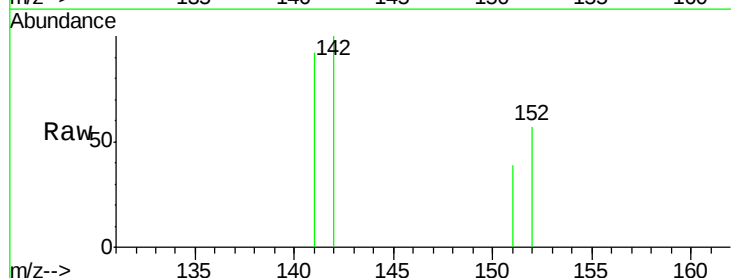
Acq: 23 Nov 2017 7:17

Tgt Ion:142 Resp: 212

Ion Ratio Lower Upper

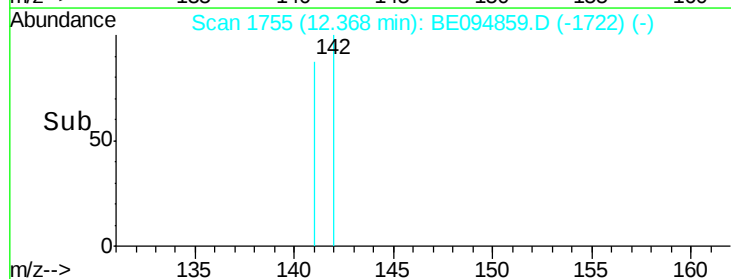
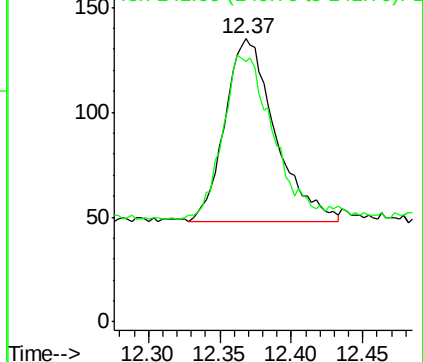
142 100

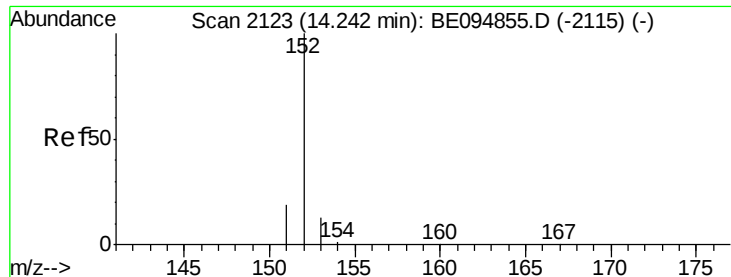
141 93.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

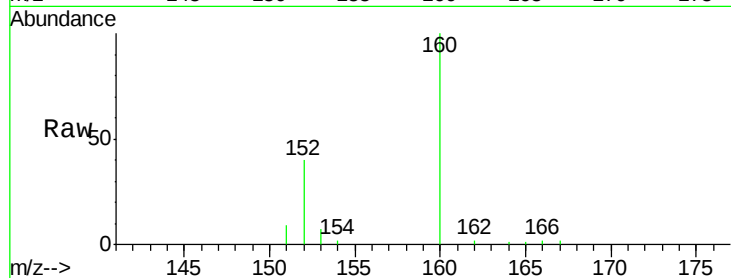
Tot Ion:152 Resp: 3113

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

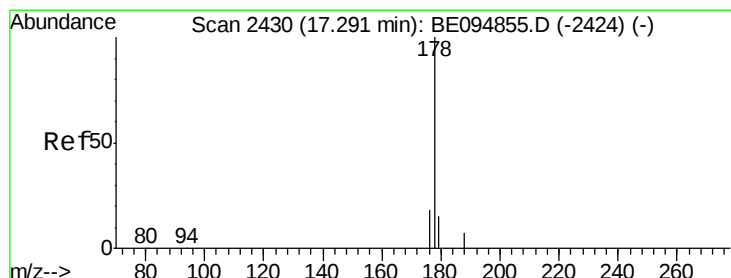
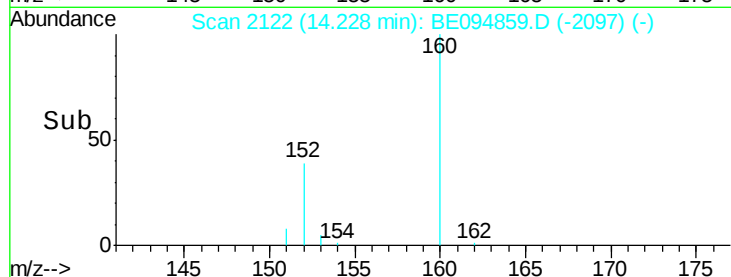
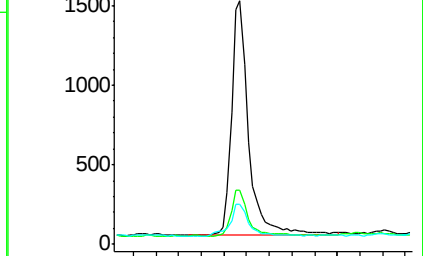
153 16.4 12.8 19.2



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



#12

Phenanthrene

Concen: 0.26 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

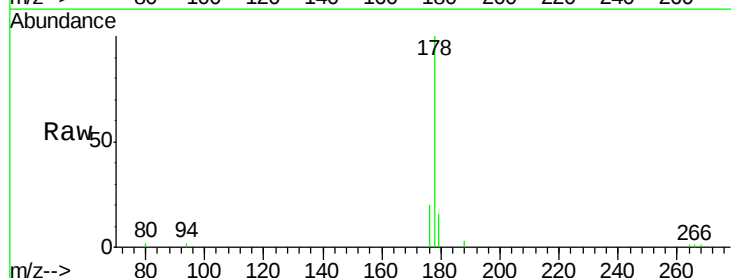
Tgt Ion:178 Resp: 5467

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

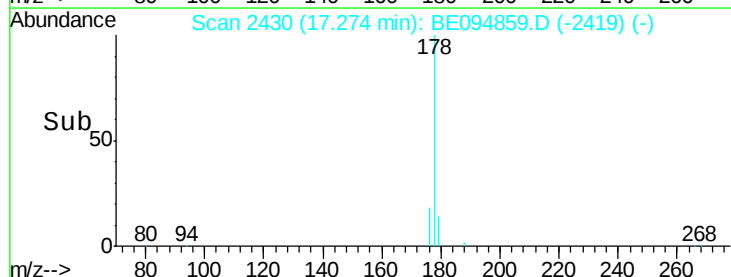
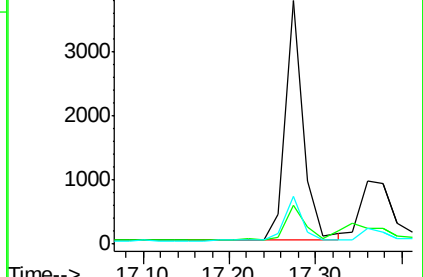
176 19.5 13.6 20.4

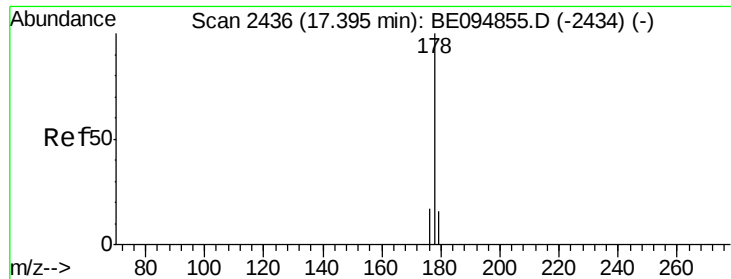


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.11 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.03 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

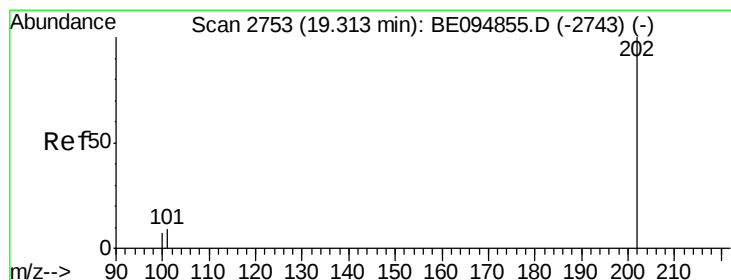
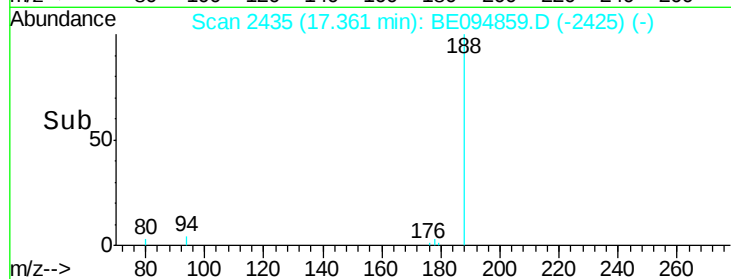
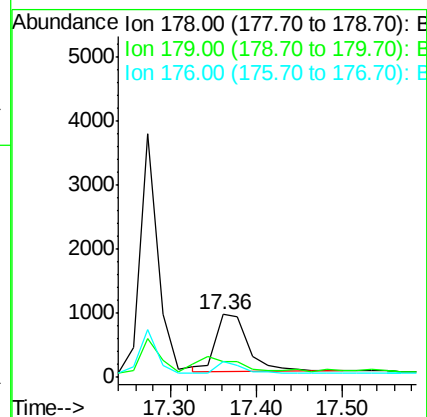
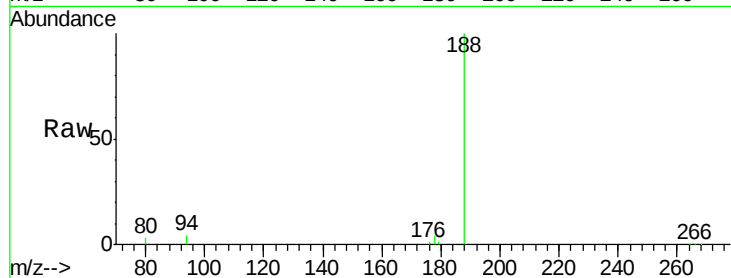
Tot Ion:178 Resp: 2409

Ion Ratio Lower Upper

178 100

179 24.2 18.1 27.1

176 24.3 14.7 22.1#



#15

Fluoranthene

Concen: 1.60 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

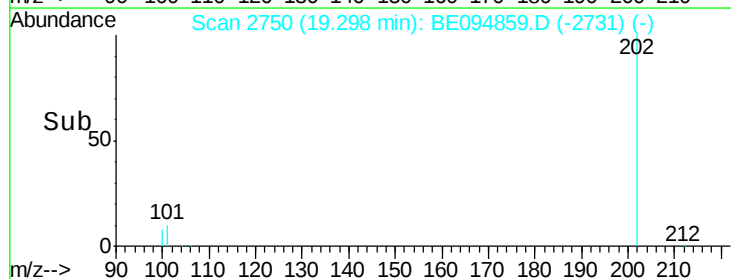
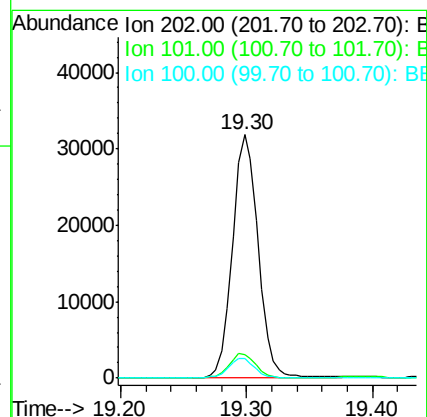
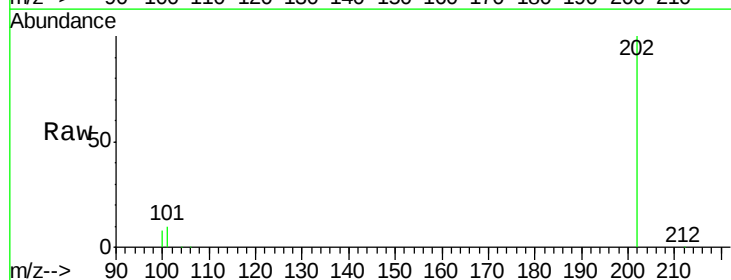
Tgt Ion:202 Resp: 44618

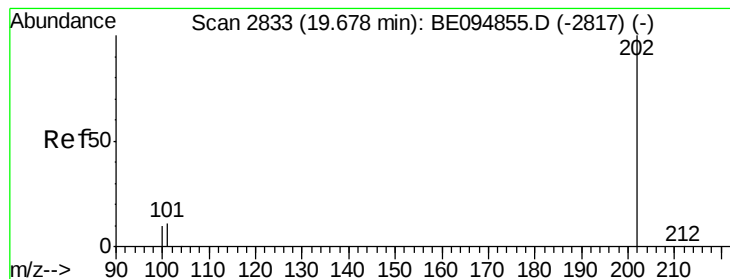
Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

100 7.9 0.0 39.5





#17

Pvrene

Concen: 1.64 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

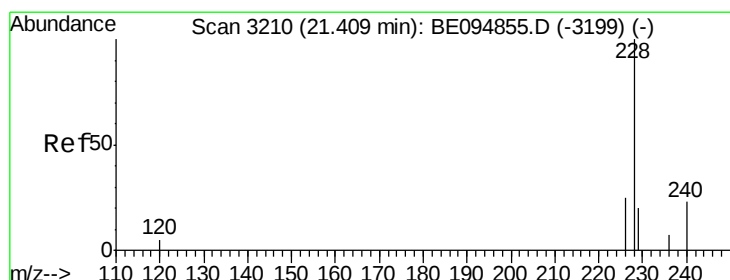
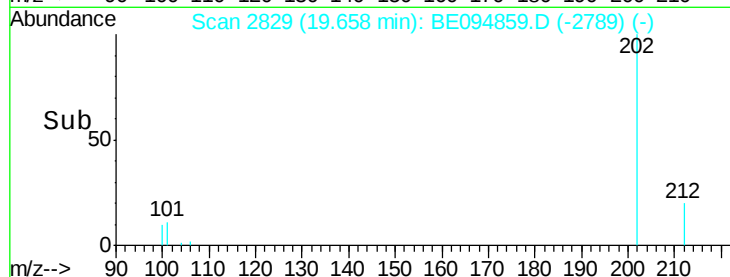
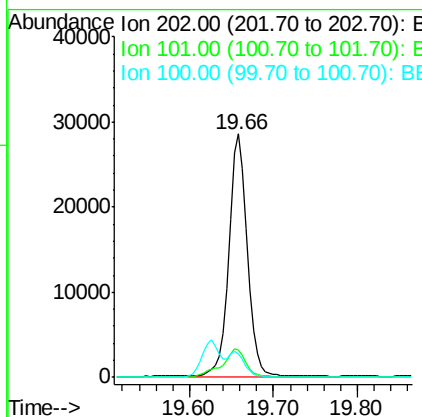
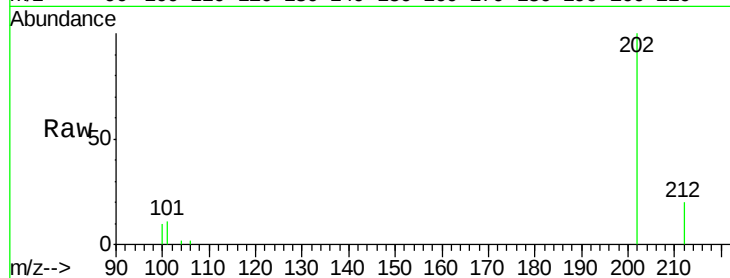
Tot Ion:202 Resp: 42870

Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

100 9.8 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 1.10 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

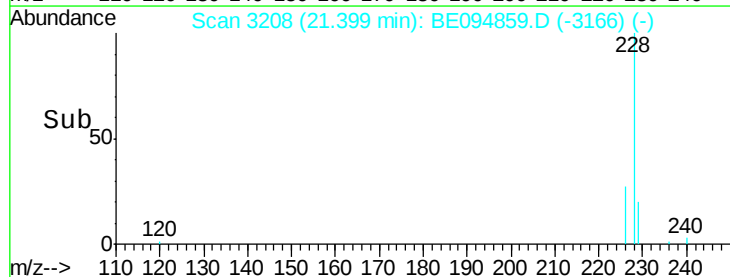
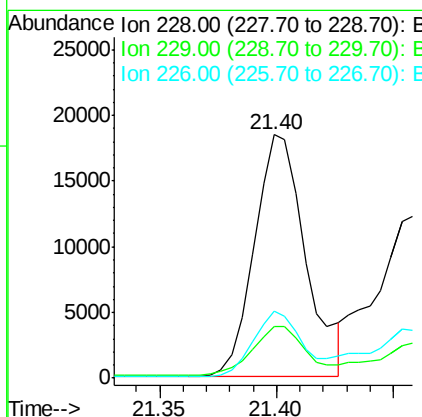
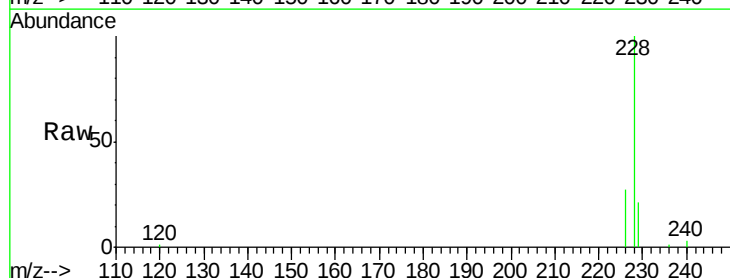
Tgt Ion:228 Resp: 28034

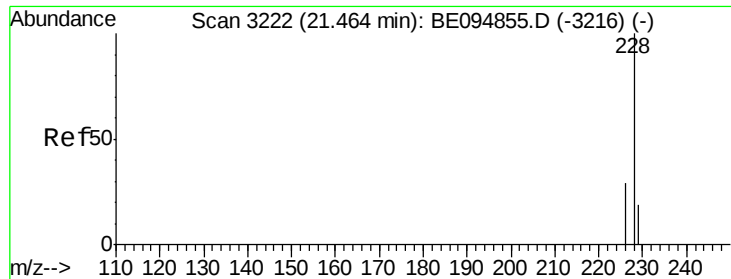
Ion Ratio Lower Upper

228 100

229 21.3 22.8 34.2#

226 27.3 17.0 25.6#





#19

Chrysene

Concen: 0.86 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

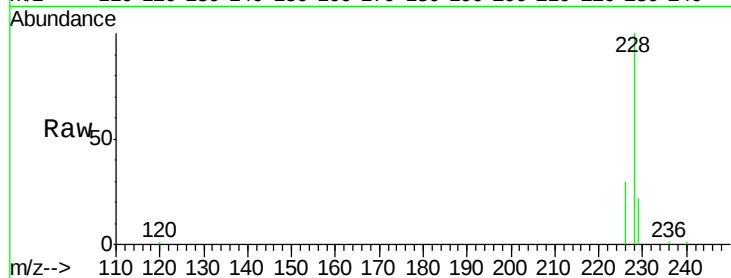
Tot Ion:228 Resp: 21832

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

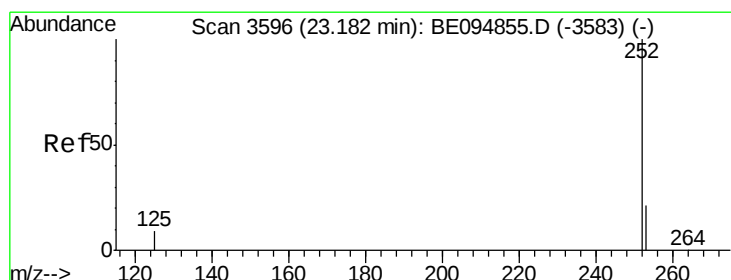
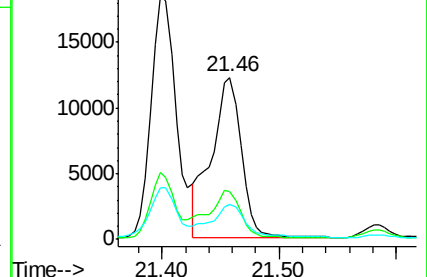
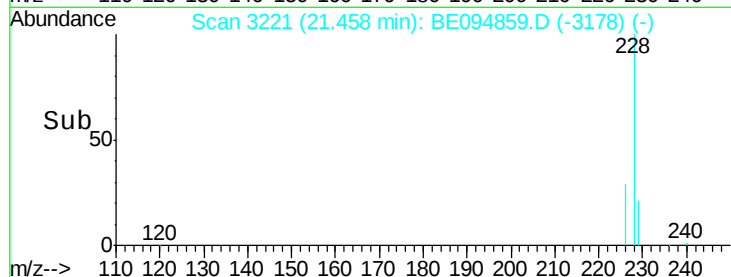
229 21.6 17.7 26.5



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: 1.71 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

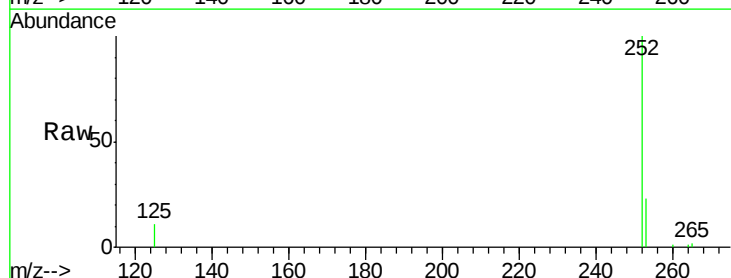
Tgt Ion:252 Resp: 47033

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

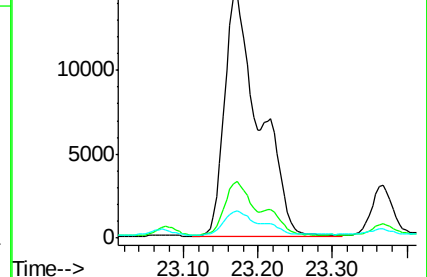
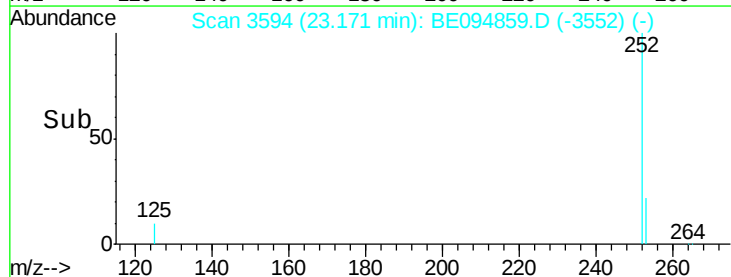
125 11.1 0.0 35.0

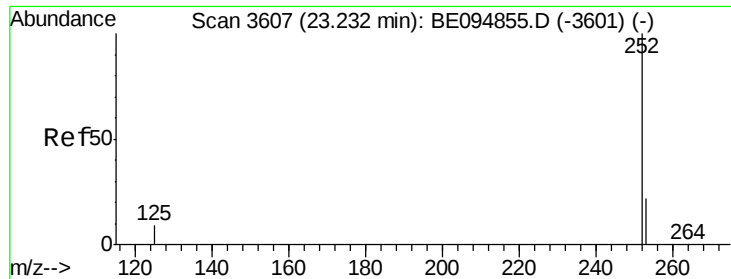


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.61 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.06 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

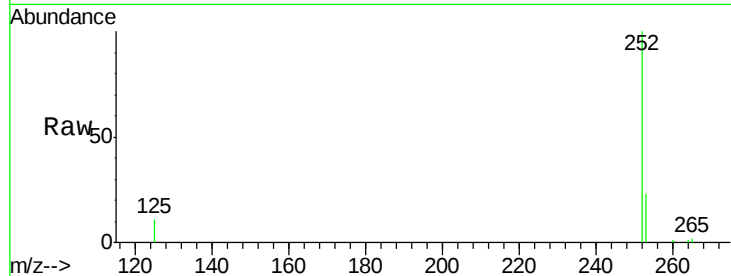
Tot Ion:252 Resp: 47033

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

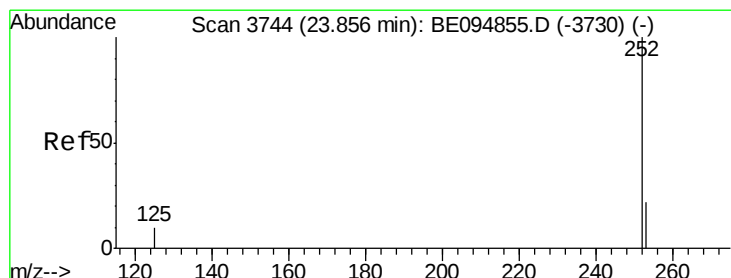
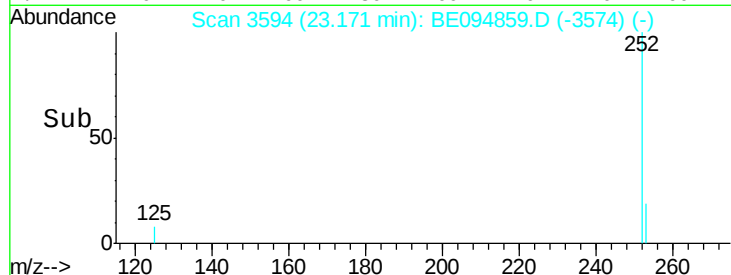
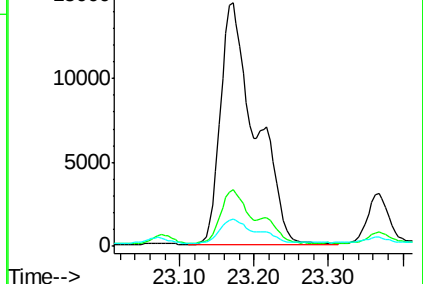
125 11.1 13.7 20.5#



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: 0.78 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.02 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

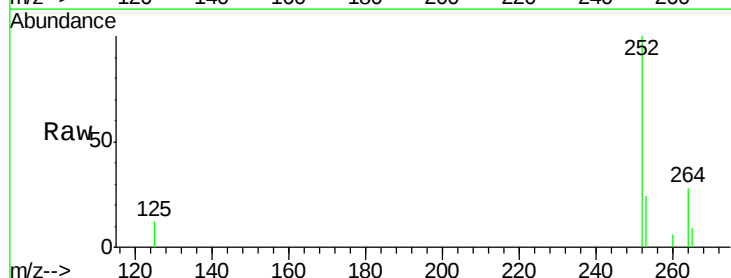
Tgt Ion:252 Resp: 21265

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

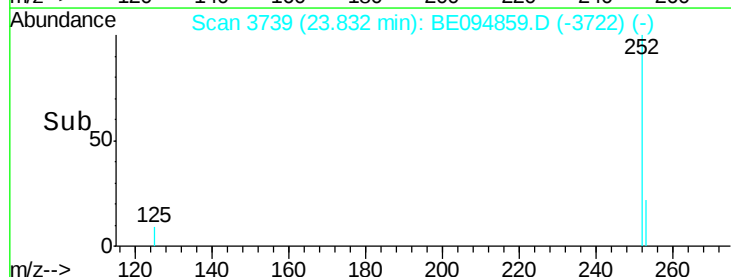
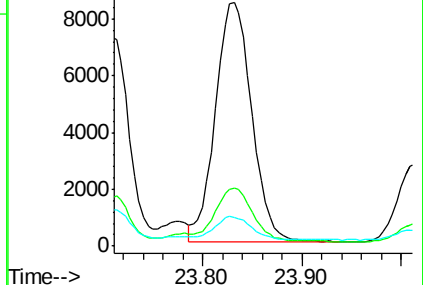
125 12.0 18.1 27.1#

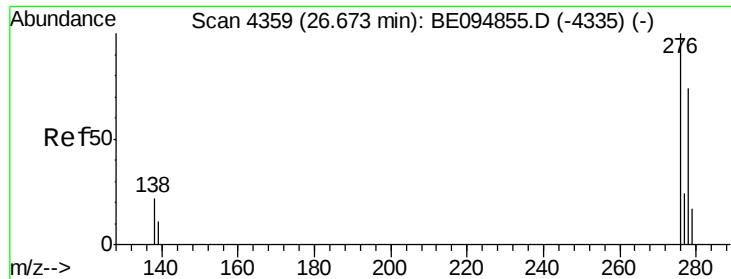


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.45 ng/ul

RT: 26.66 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :

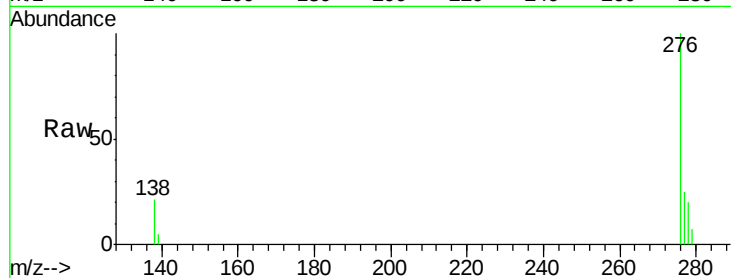
Tot Ion:276 Resp: 13447

Ion Ratio Lower Upper

276 100

138 19.3 28.0 42.0#

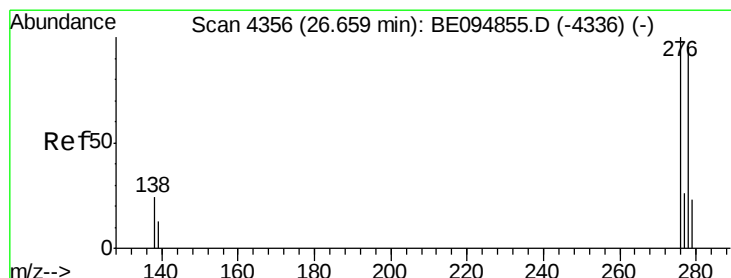
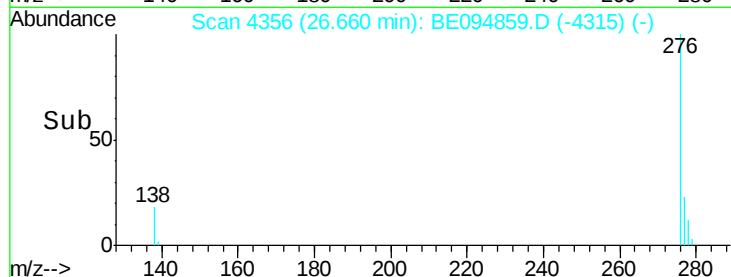
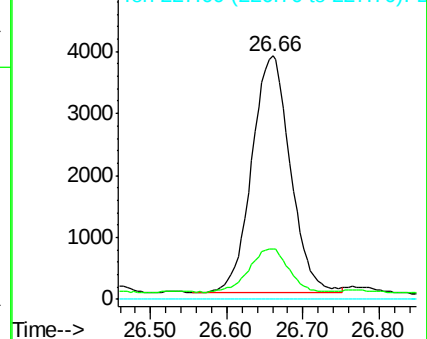
227 0.0 8.0 12.0#



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: 0.14 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. -0.02 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

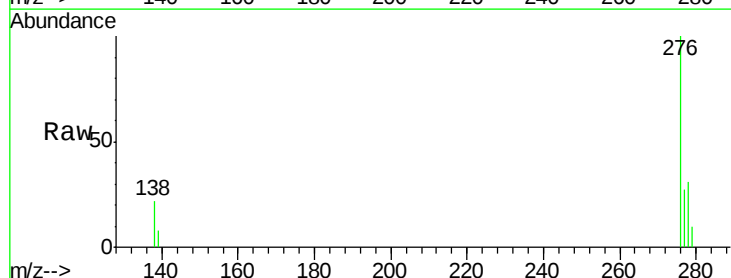
Tgt Ion:278 Resp: 3514

Ion Ratio Lower Upper

278 100

139 24.6 17.4 26.0

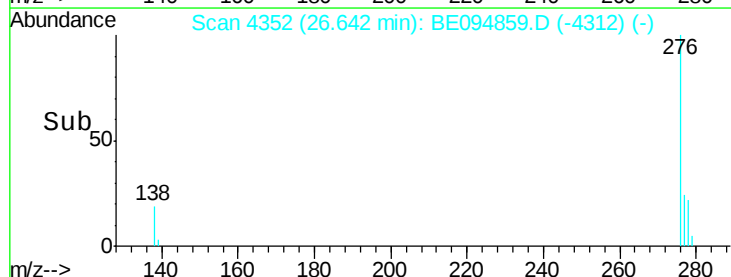
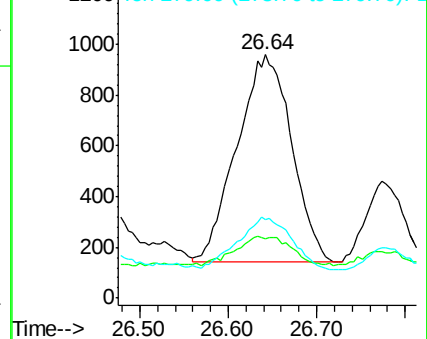
279 32.0 25.9 38.9

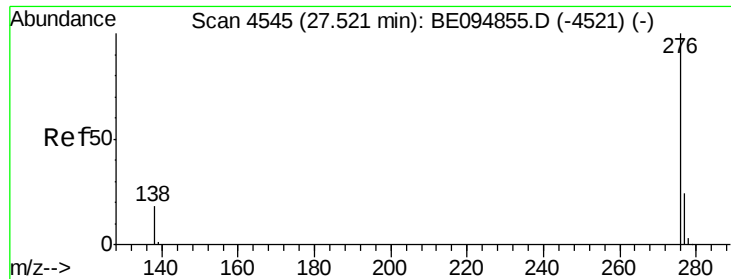


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.41 ng/ul

RT: 27.50 min Scan# 4541

Delta R.T. -0.02 min

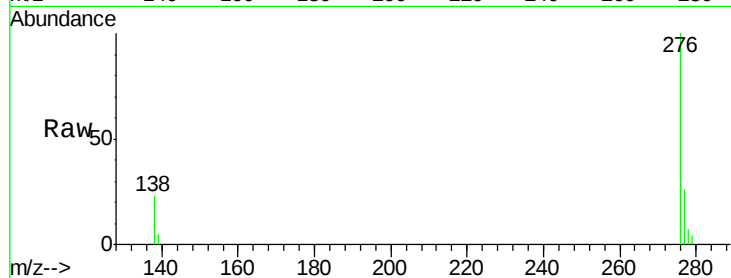
Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	10343
Ion Ratio	Lower	Upper	
276	100		
138	22.8	21.8	32.8
277	26.0	20.5	30.7

