

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094717.D
 Acq On : 3 Nov 2017 20:54
 Operator : SJ/JU
 Sample : I5902-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-5(5-6.5)-101317

Quant Time: Nov 04 01:15:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 01:15:30 2017
 Response via : Initial Calibration

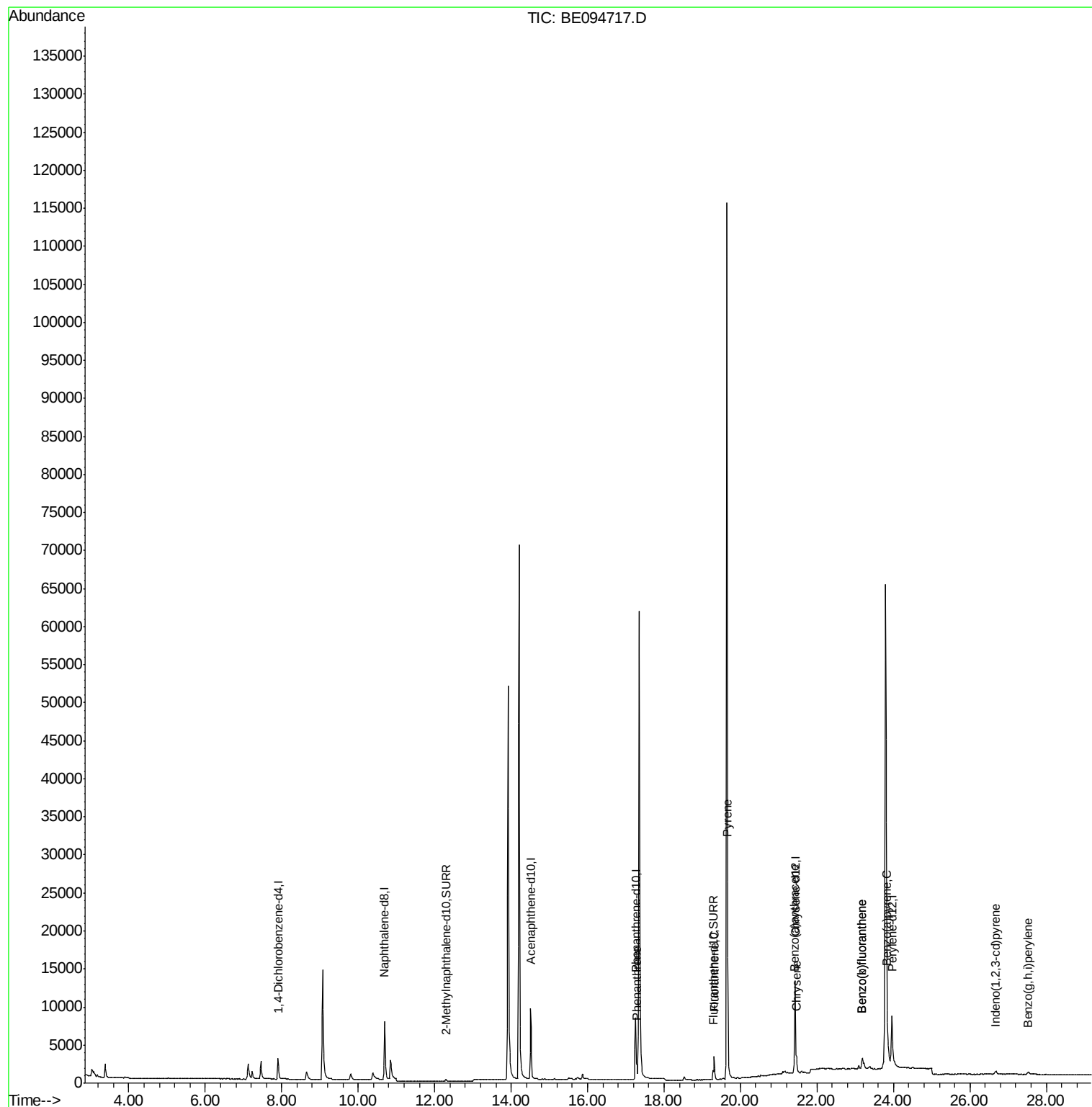
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1716	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	10343	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5686	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12045	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12195	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13362	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	679	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1626	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	1893	0.06	ng/ul#	90
15) Fluoranthene	19.31	202	3895	0.11	ng/ul	84
17) Pyrene	19.67	202	4012	0.11	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	2284	0.07	ng/ul#	75
19) Chrysene	21.47	228	2176	0.06	ng/ul#	74
21) Benzo(b)fluoranthene	23.18	252	3754	0.10	ng/ul#	55
22) Benzo(k)fluoranthene	23.18	252	3748	0.09	ng/ul#	52
23) Benzo(a)pyrene	23.84	252	1878	0.05	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	26.67	276	1052	0.03	ng/ul#	76
26) Benzo(g,h,i)perylene	27.52	276	916	0.03	ng/ul#	23

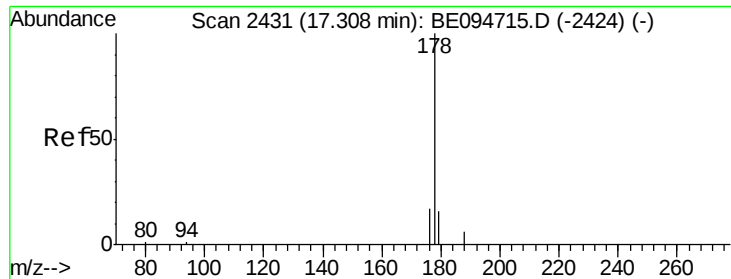
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

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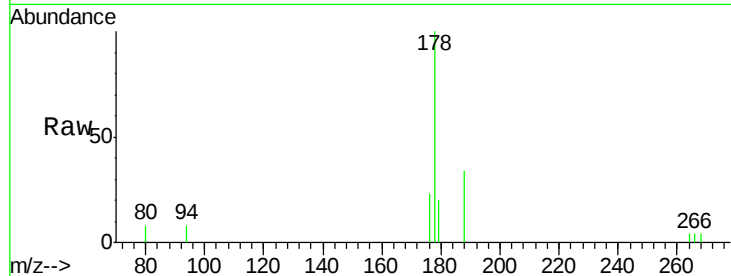
Tot Ion:178 Resp: 1893

Ion Ratio Lower Upper

178 100

179 19.7 18.4 27.6

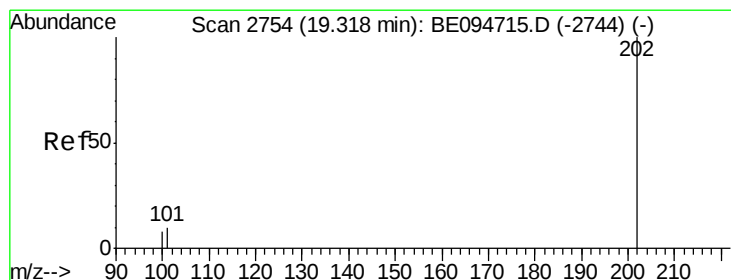
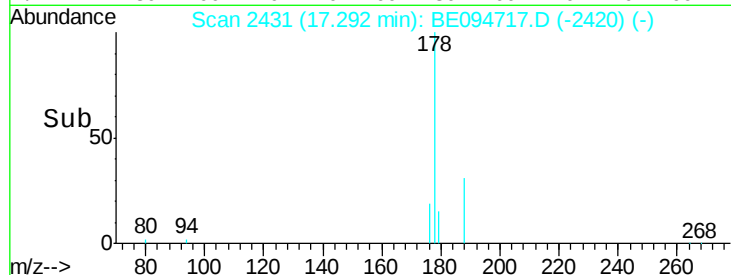
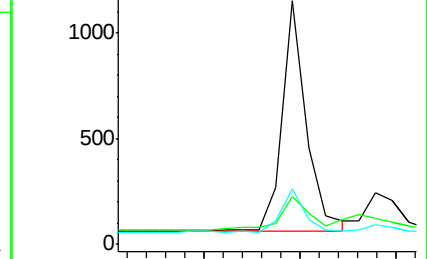
176 22.9 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.11 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

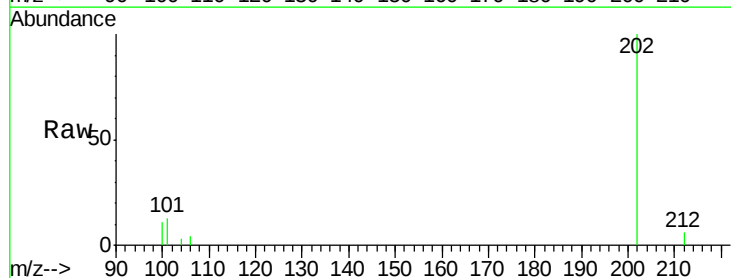
Tgt Ion:202 Resp: 3895

Ion Ratio Lower Upper

202 100

101 13.4 0.0 30.3

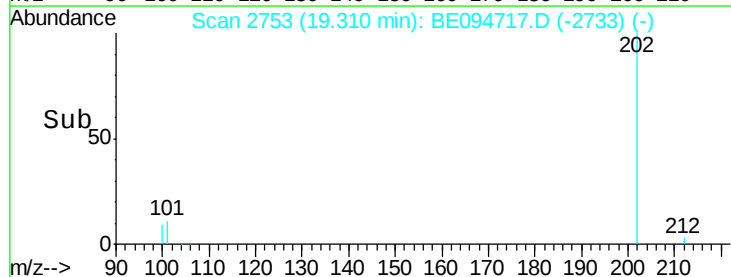
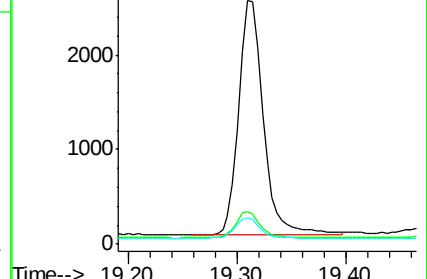
100 10.6 0.0 39.5

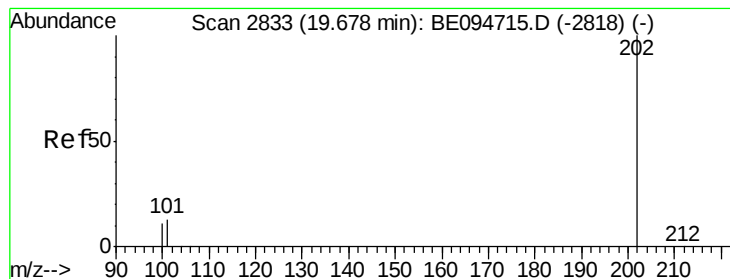


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.11 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

Instrument :

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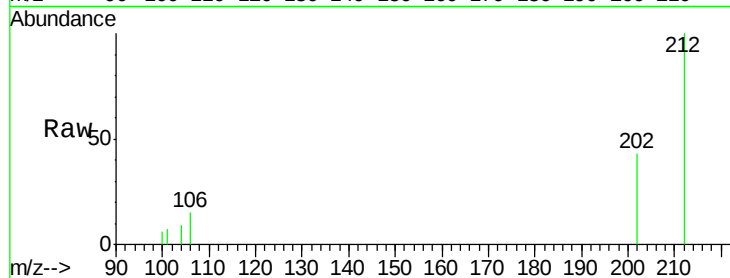
Tot Ion:202 Resp: 4012

Ion Ratio Lower Upper

202 100

101 15.5 18.2 27.4#

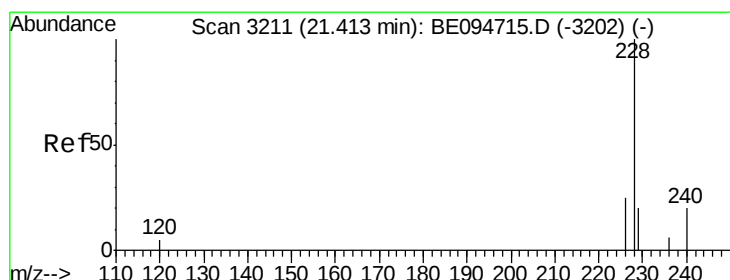
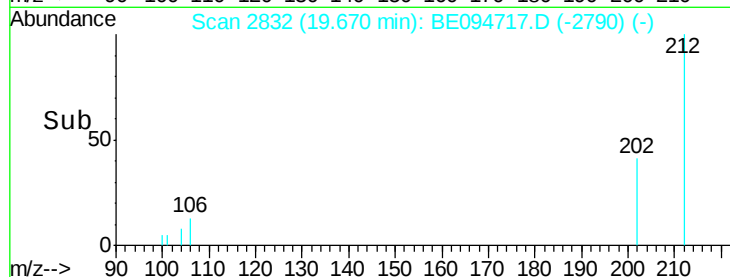
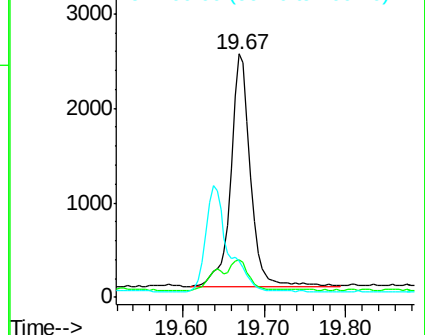
100 14.8 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.07 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

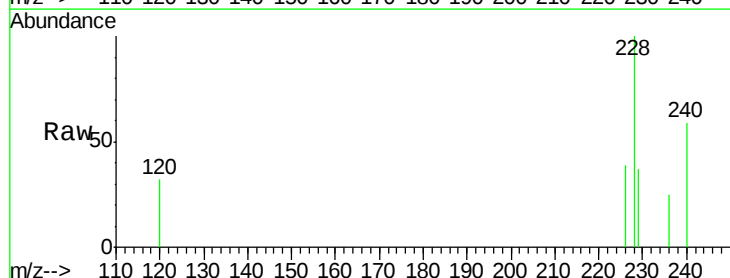
Tgt Ion:228 Resp: 2284

Ion Ratio Lower Upper

228 100

229 36.9 22.8 34.2#

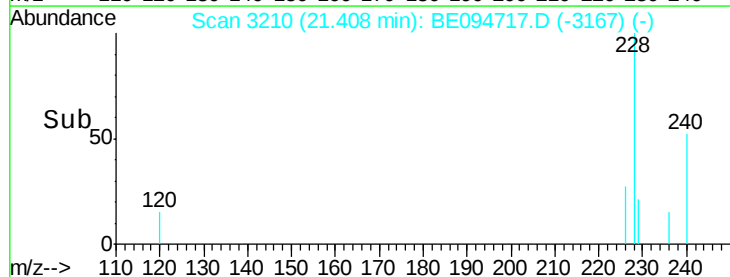
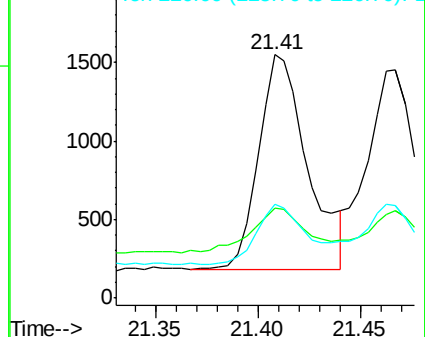
226 38.6 17.0 25.6#

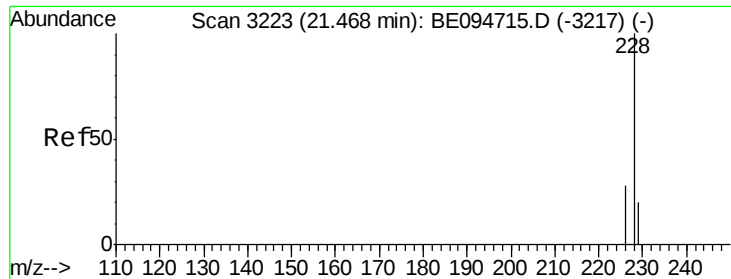


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

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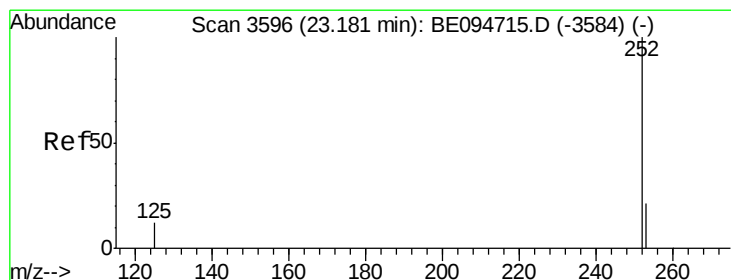
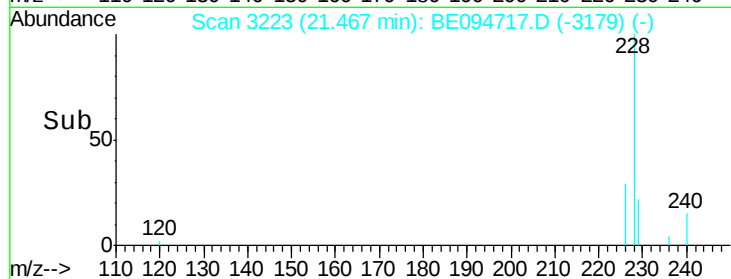
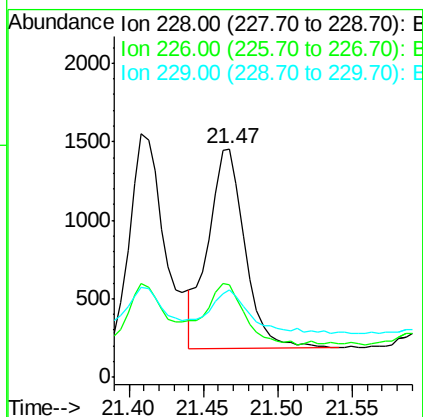
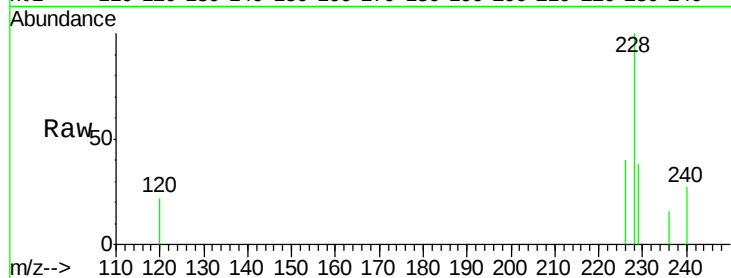
Tot Ion:228 Resp: 2176

Ion Ratio Lower Upper

228 100

226 40.2 23.4 35.0#

229 38.0 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. 0.00 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

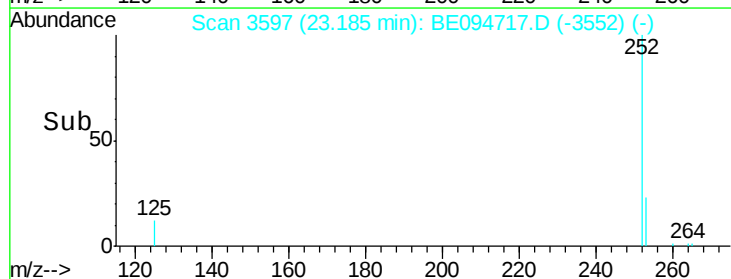
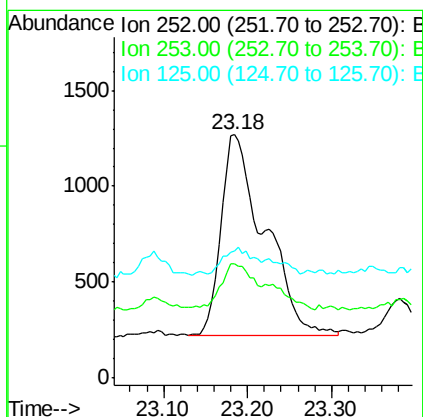
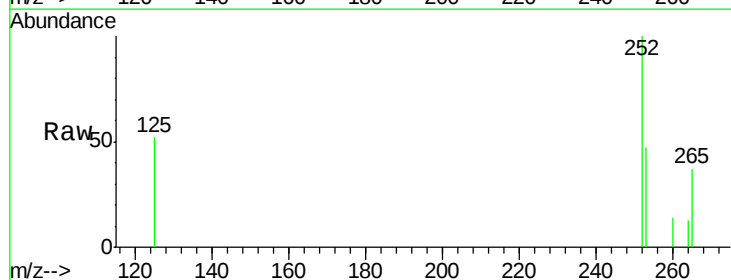
Tgt Ion:252 Resp: 3754

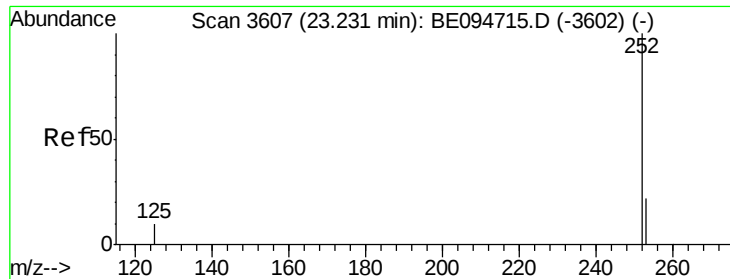
Ion Ratio Lower Upper

252 100

253 46.8 0.0 64.2

125 52.5 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

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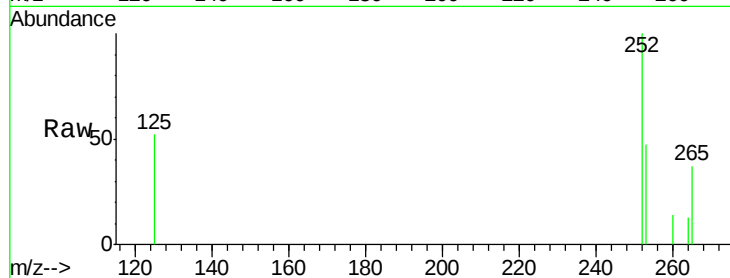
Tot Ion:252 Resp: 3748

Ion Ratio Lower Upper

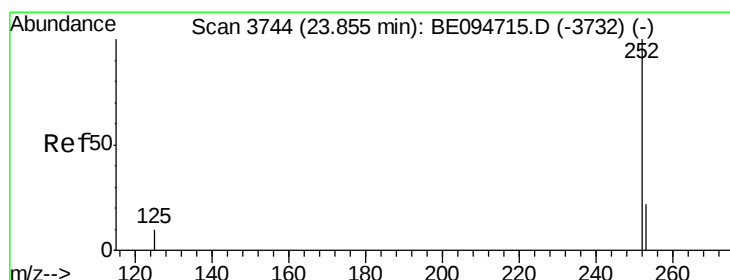
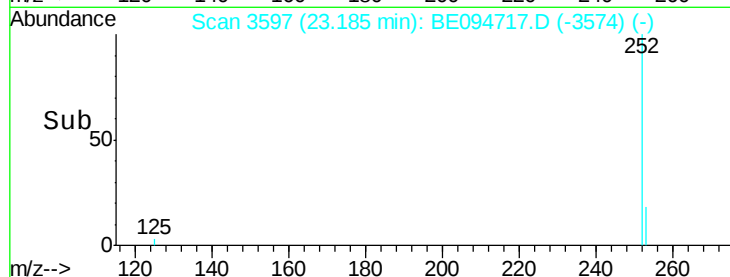
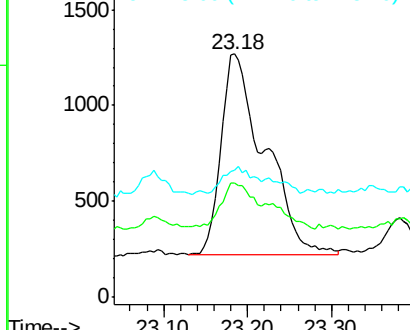
252 100

253 46.8 24.5 36.7#

125 52.5 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: 0.05 ng/ul

RT: 23.84 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094717.D

Acq: 3 Nov 2017 20:54

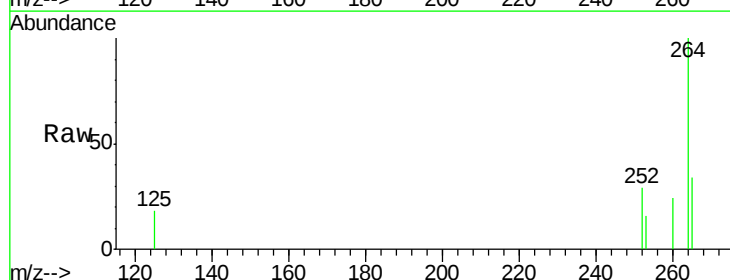
Tgt Ion:252 Resp: 1878

Ion Ratio Lower Upper

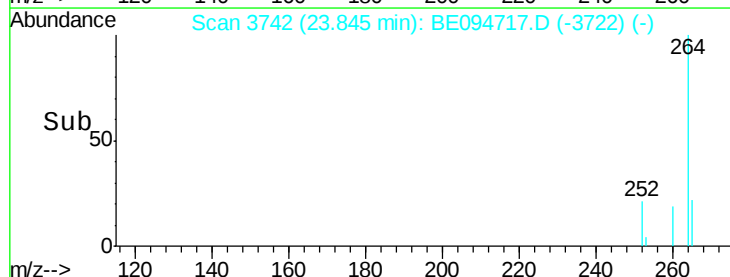
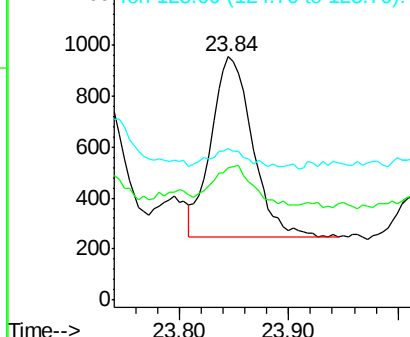
252 100

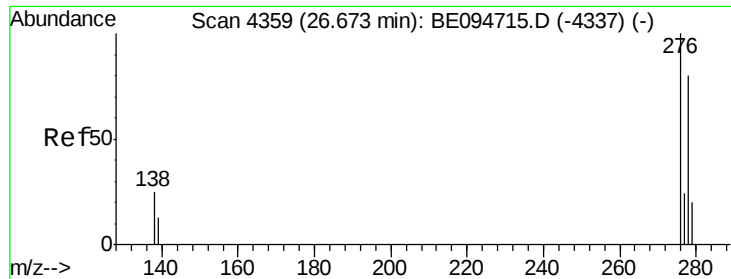
253 54.4 28.5 42.7#

125 62.3 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

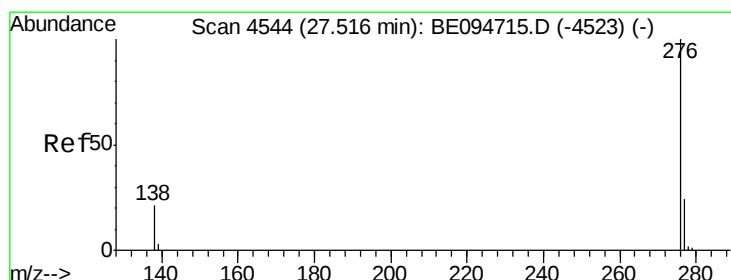
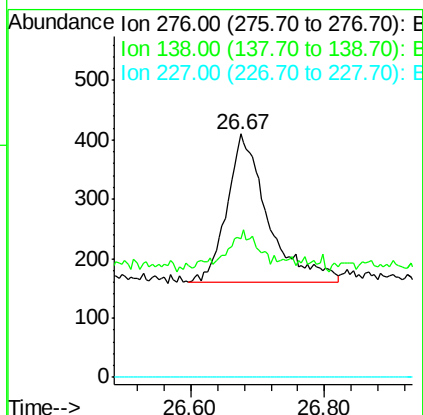
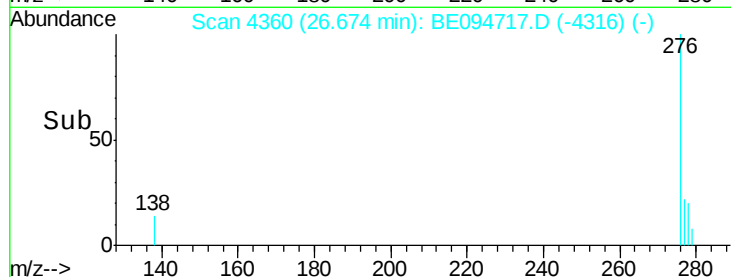
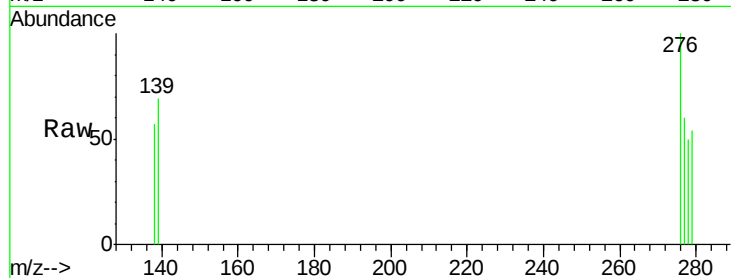




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 26.67 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: BE094717.D
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Tot Ion:276 Resp: 1052
 Ion Ratio Lower Upper
 276 100
 138 21.8 28.0 42.0#
 227 0.0 8.0 12.0#



#26
 Benzo(g,h,i)perylene
 Concen: 0.03 ng/ul
 RT: 27.52 min Scan# 4545
 Delta R.T. 0.00 min
 Lab File: BE094717.D
 Acq: 3 Nov 2017 20:54

Tgt Ion:276 Resp: 916
 Ion Ratio Lower Upper
 276 100
 138 65.8 21.8 32.8#
 277 66.4 20.5 30.7#

