

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094636.D
 Acq On : 28 Oct 2017 23:15
 Operator : SJ/JU
 Sample : I5842-10DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8DL

Quant Time: Oct 30 04:38:18 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 04:29:38 2017
 Response via : Initial Calibration

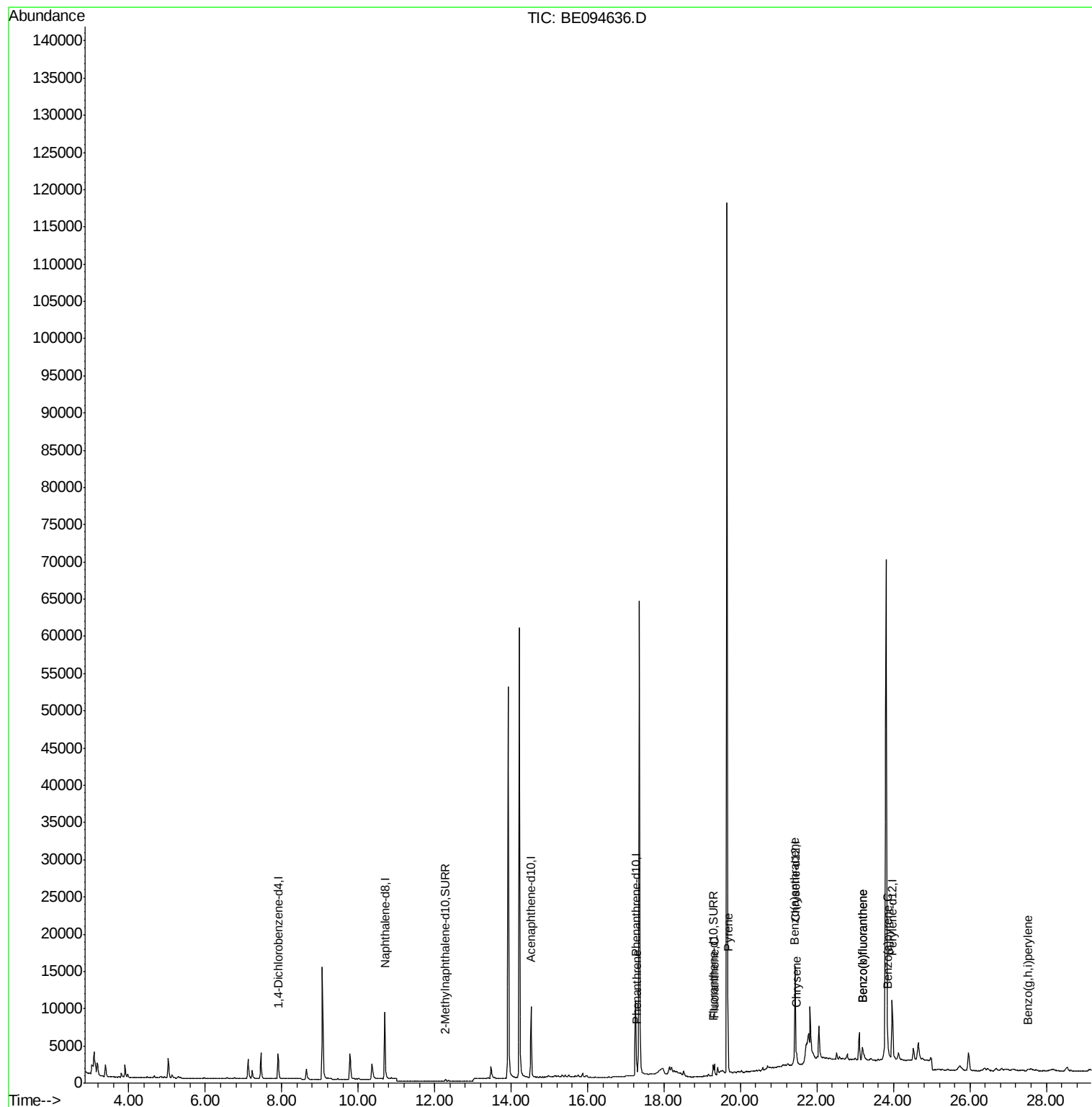
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1938	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10917	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5874	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13016	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12646	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	12607	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	549	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1530	0.04	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	921	0.027	ng/ul#	63
15) Fluoranthene	19.32	202	1846	0.046	ng/ul	83
17) Pyrene	19.68	202	1907	0.049	ng/ul	97
18) Benzo(a)anthracene	21.41	228	897	0.025	ng/ul#	1
19) Chrysene	21.47	228	1321	0.035	ng/ul#	30
21) Benzo(b)fluoranthene	23.19	252	2304	0.065	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	2304	0.061	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	923	0.026	ng/ul#	1
26) Benzo(g,h,i)perylene	27.52	276	672	0.023	ng/ul#	1

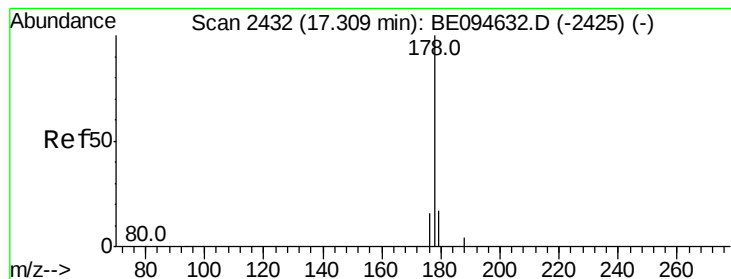
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.027 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

Instrument :

BNA_E

ClientSampleId :

C0AA8DL

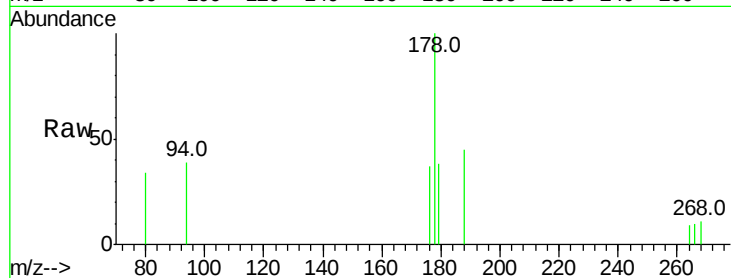
Tot Ion:178 Resp: 921

Ion Ratio Lower Upper

178 100

179 38.4 18.4 27.6#

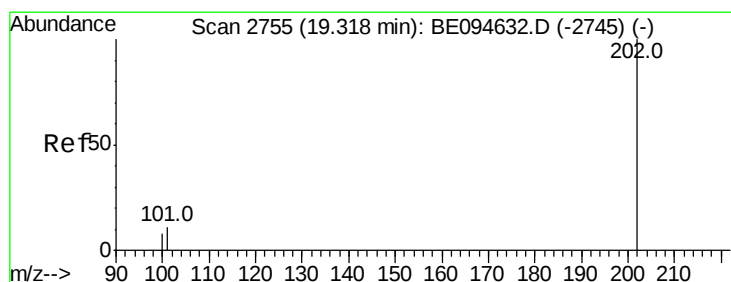
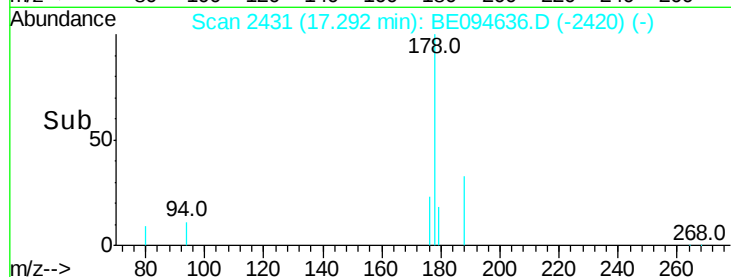
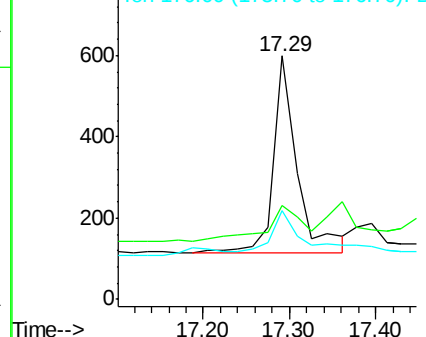
176 36.6 13.6 20.4#



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: 0.046 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

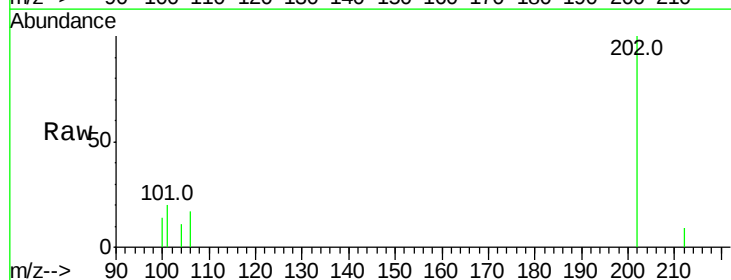
Tgt Ion:202 Resp: 1846

Ion Ratio Lower Upper

202 100

101 20.3 0.0 30.3

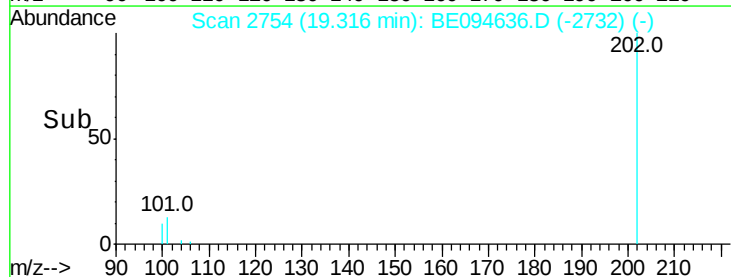
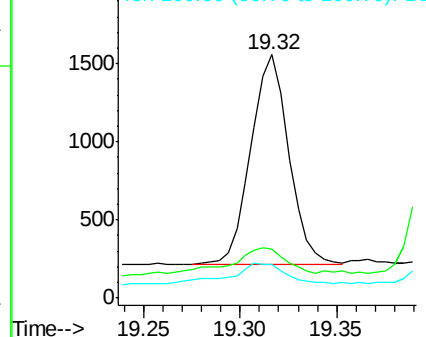
100 14.0 0.0 39.5

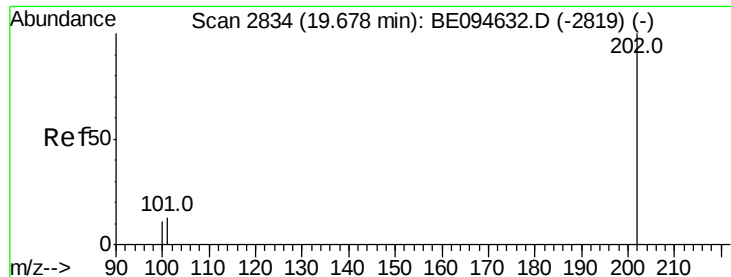


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.049 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

Instrument :

BNA_E

ClientSampleId :

C0AA8DL

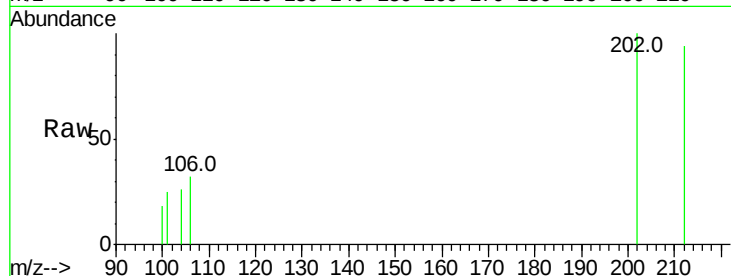
Tot Ion:202 Resp: 1907

Ion Ratio Lower Upper

202 100

101 24.5 18.2 27.4

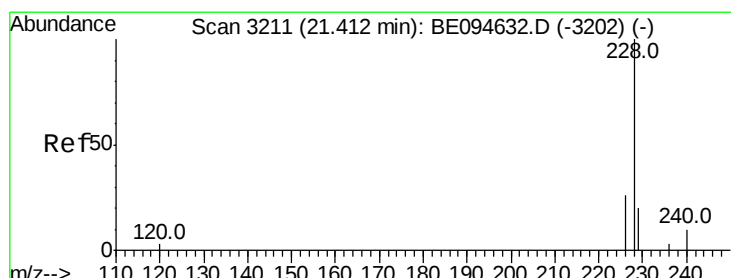
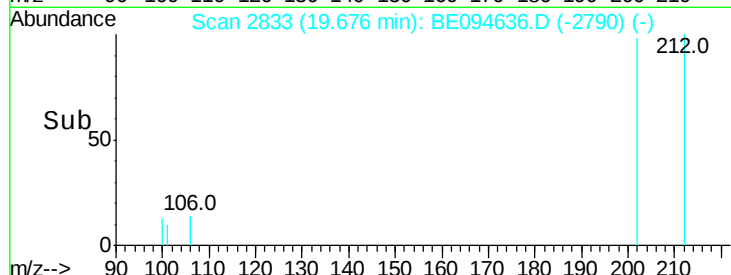
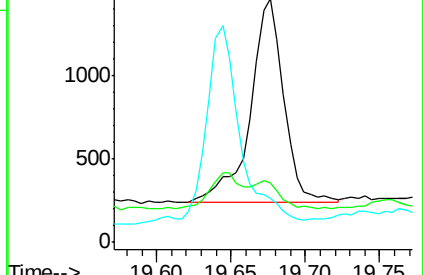
100 18.0 15.6 23.4



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: 0.025 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

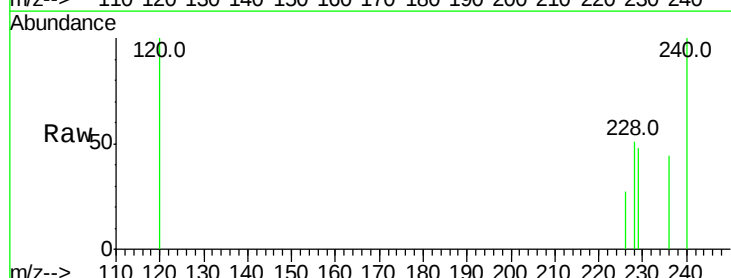
Tgt Ion:228 Resp: 897

Ion Ratio Lower Upper

228 100

229 94.1 22.8 34.2#

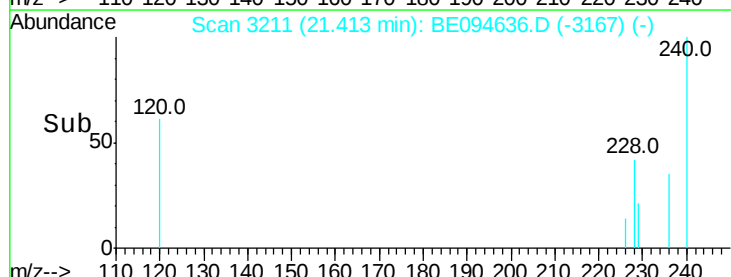
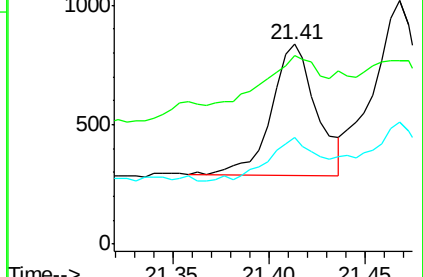
226 53.4 17.0 25.6#

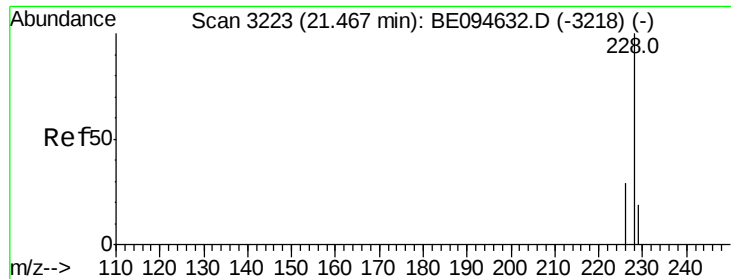


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.035 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

Instrument :

BNA_E

ClientSampleId :

C0AA8DL

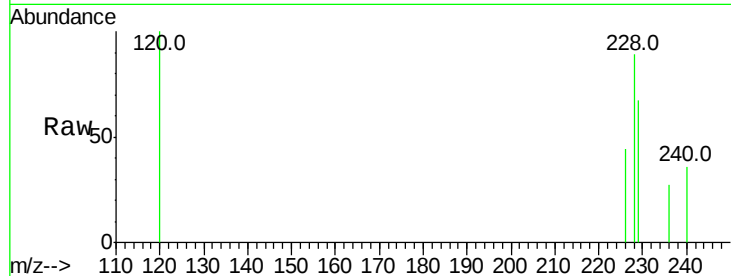
Tot Ion:228 Resp: 1321

Ion Ratio Lower Upper

228 100

226 49.9 23.4 35.0#

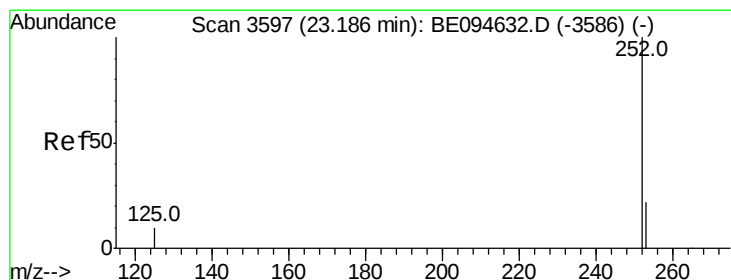
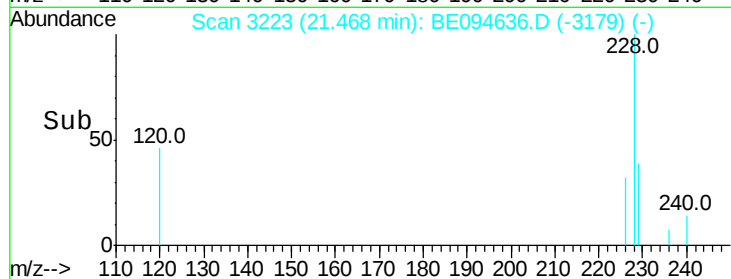
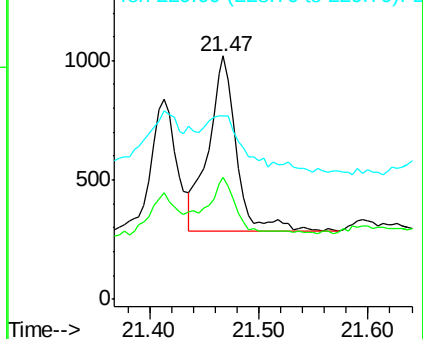
229 75.6 17.7 26.5#



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: 0.065 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

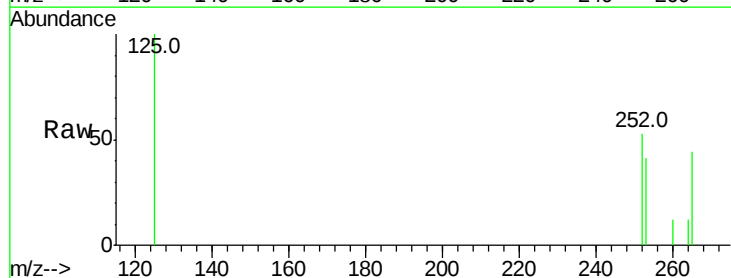
Tgt Ion:252 Resp: 2304

Ion Ratio Lower Upper

252 100

253 76.7 0.0 64.2#

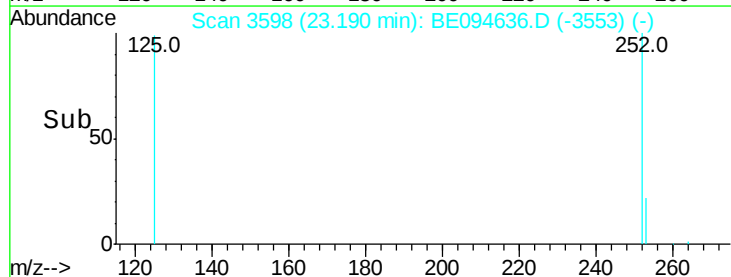
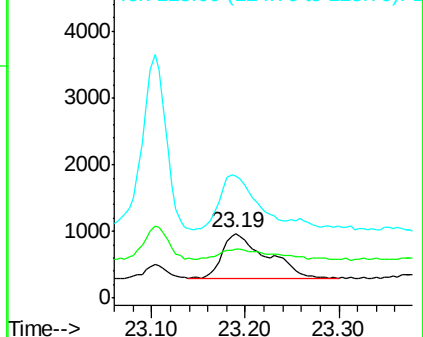
125 189.2 0.0 35.0#

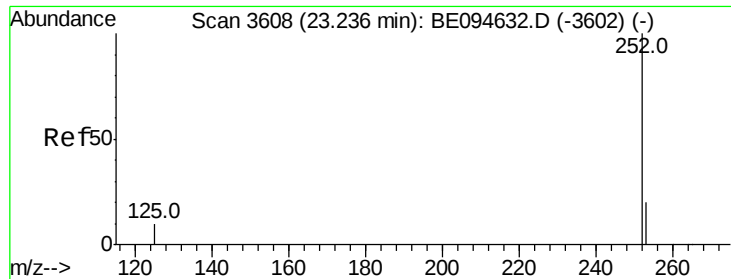


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.061 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

Instrument :

BNA_E

ClientSampleId :

C0AA8DL

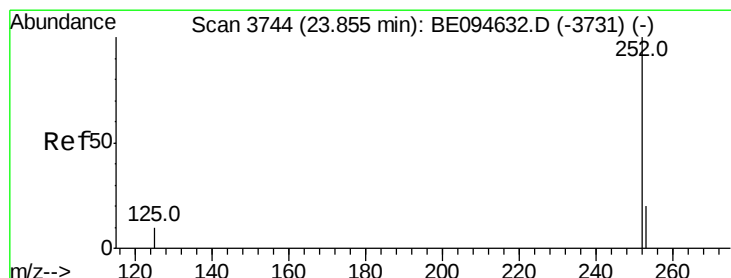
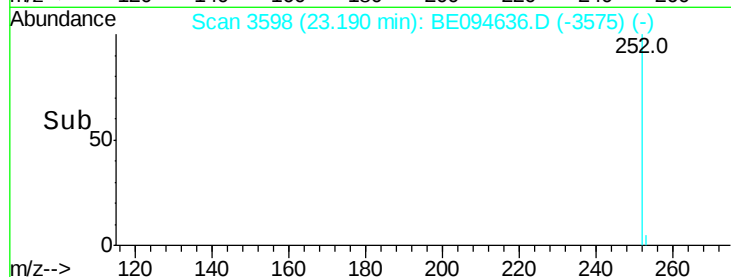
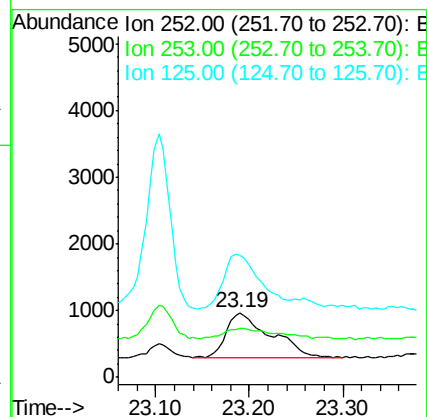
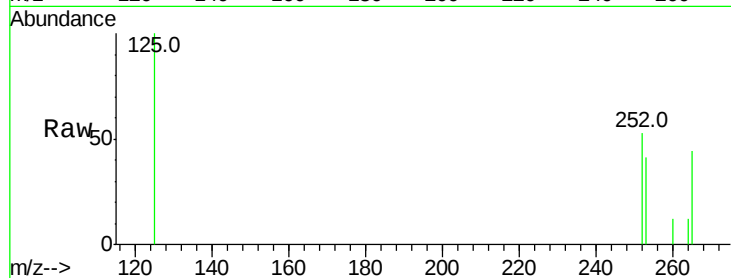
Tot Ion:252 Resp: 2304

Ion Ratio Lower Upper

252 100

253 76.7 24.5 36.7#

125 189.2 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.026 ng/ul

RT: 23.85 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094636.D

Acq: 28 Oct 2017 23:15

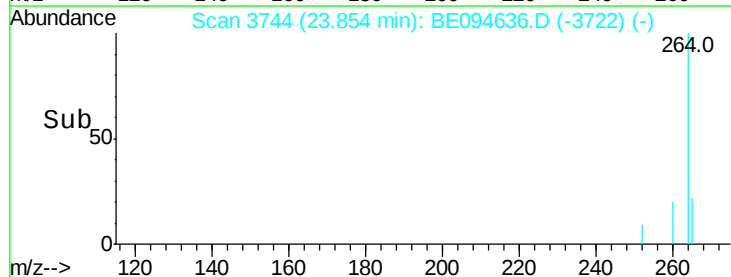
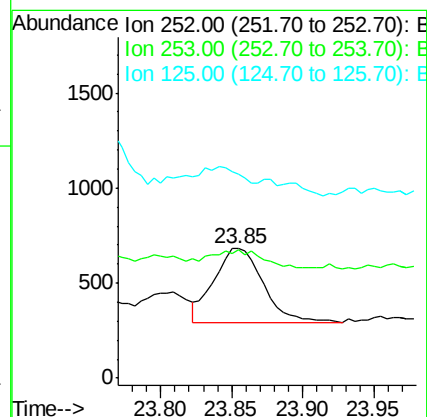
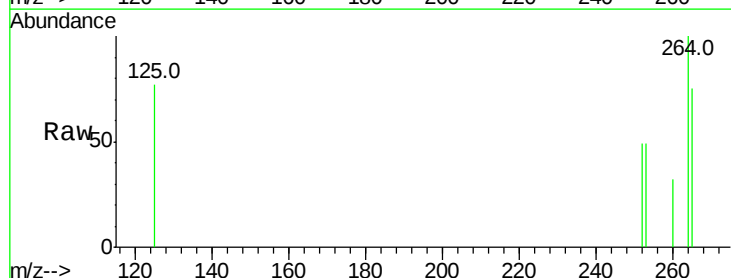
Tgt Ion:252 Resp: 923

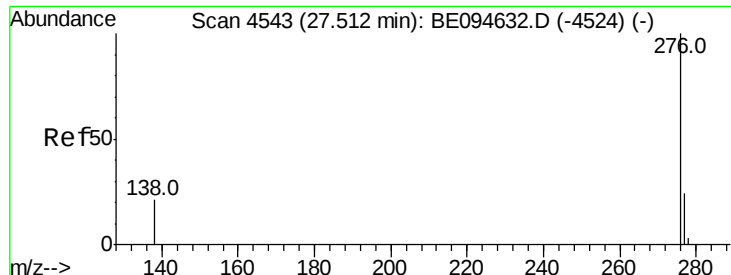
Ion Ratio Lower Upper

252 100

253 99.6 28.5 42.7#

125 157.8 18.1 27.1#





#26

Benzo(a,h,i)perylene

Concen: 0.023 ng/ul

RT: 27.52 min Scan# 4545

Delta R.T. 0.01 min

Lab File: BE094636.D

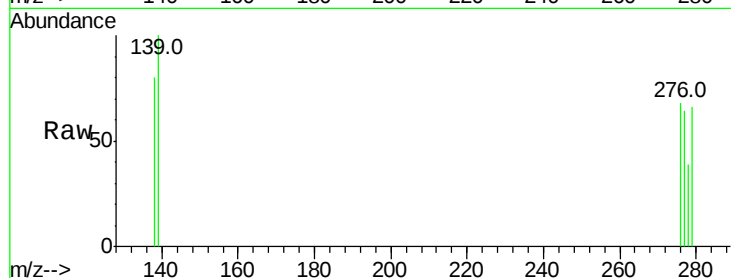
Acq: 28 Oct 2017 23:15

Instrument :

BNA_E

ClientSampleId :

C0AA8DL



Tot Ion:276 Resp: 672

Ion Ratio Lower Upper

276 100

138 116.9 21.8 32.8#

277 92.9 20.5 30.7#

