

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094614.D
 Acq On : 28 Oct 2017 9:46
 Operator : SJ/JU
 Sample : I5842-16DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB4DL

Quant Time: Oct 30 02:32:12 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 02:20:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7215	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4089	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8711	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9234	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9810	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	905	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2219	0.09	ng/ul	0.00

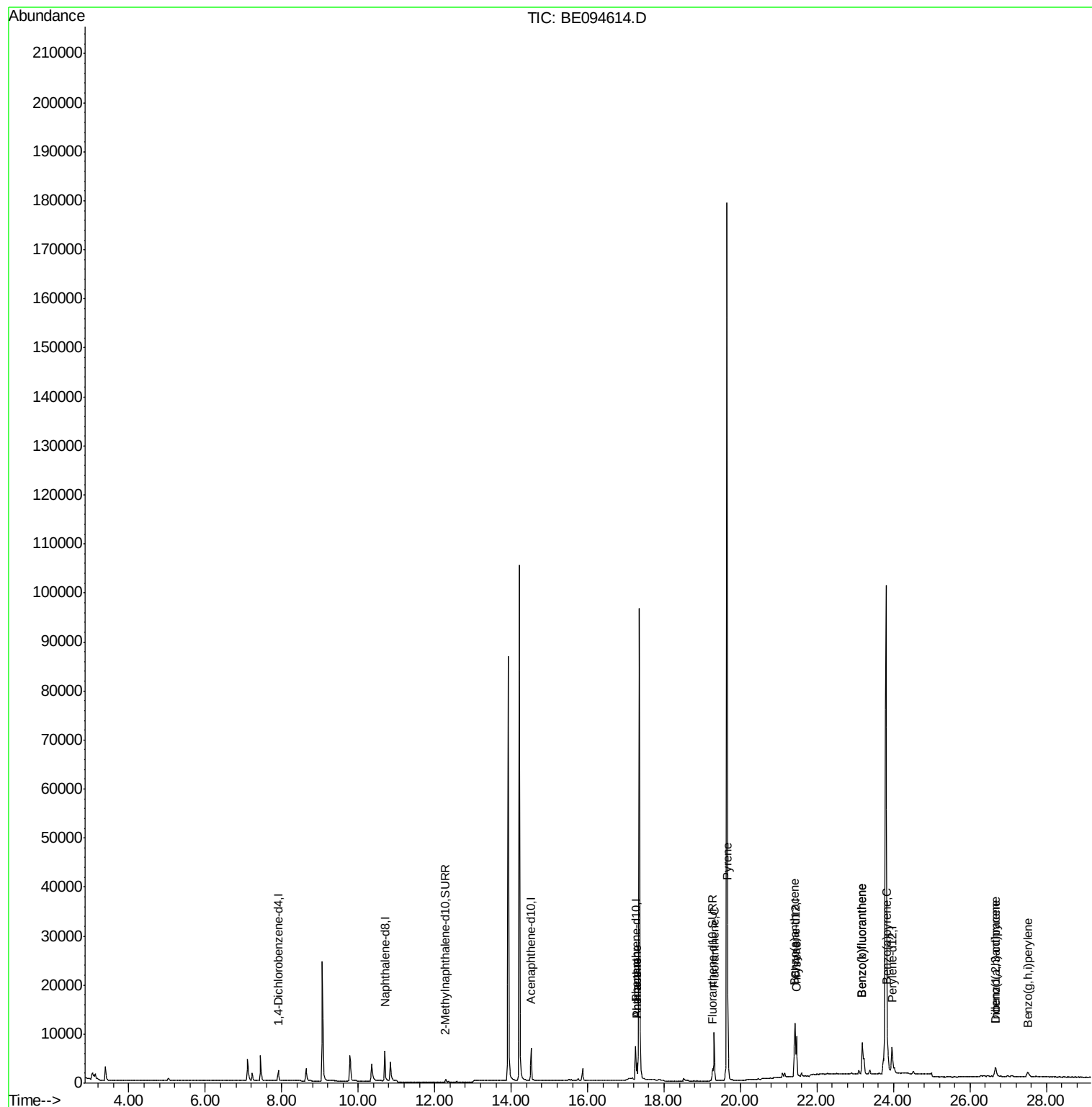
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	3891	0.17	ng/ul#	94
13) Anthracene	17.29	178	3882	0.17	ng/ul	96
15) Fluoranthene	19.31	202	11663	0.44	ng/ul	84
17) Pyrene	19.67	202	9875	0.35	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	7113	0.27	ng/ul#	88
19) Chrysene	21.46	228	9816	0.36	ng/ul	94
21) Benzo(b)fluoranthene	23.18	252	16076	0.58	ng/ul	93
22) Benzo(k)fluoranthene	23.18	252	16076	0.54	ng/ul	94
23) Benzo(a)pyrene	23.85	252	6255	0.23	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.67	276	4096	0.14	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	1016	0.04	ng/ul#	8
26) Benzo(g,h,i)perylene	27.51	276	3136	0.14	ng/ul#	69

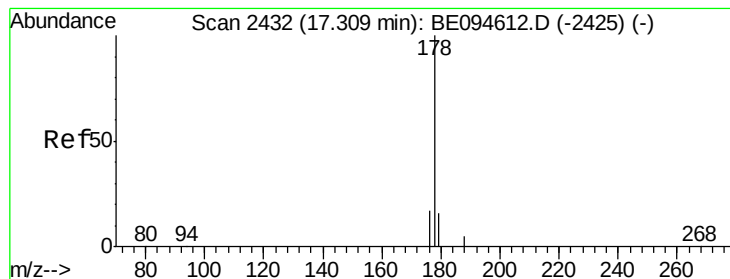
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.17 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

Instrument :

BNA_E

ClientSampleId :

C0AB4DL

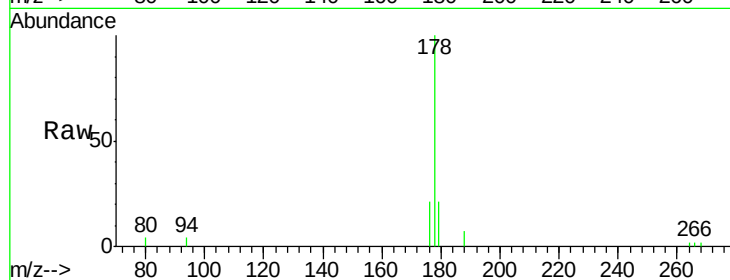
Tot Ion:178 Resp: 3891

Ion Ratio Lower Upper

178 100

179 21.0 18.4 27.6

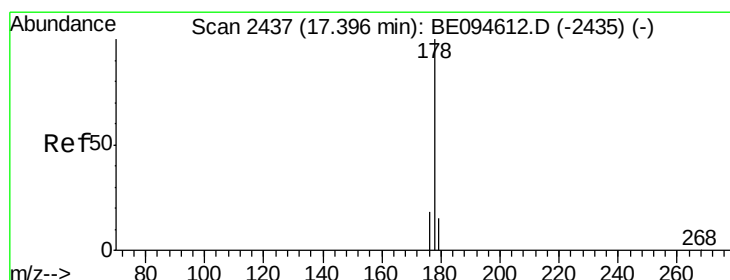
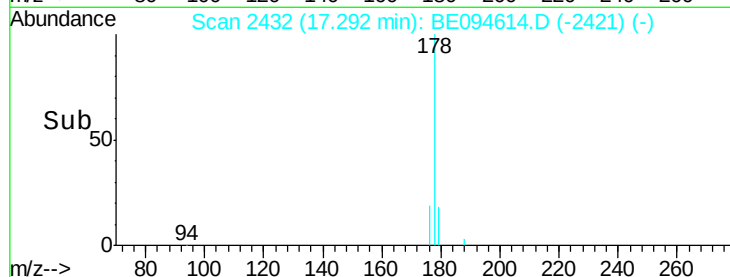
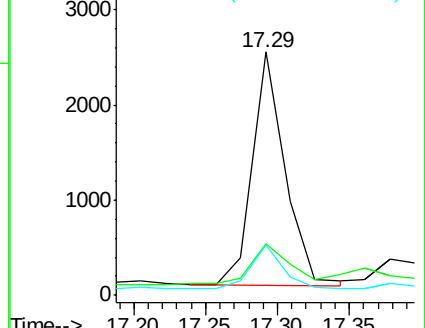
176 20.6 13.6 20.4#



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



#13

Anthracene

Concen: 0.17 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. -0.10 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

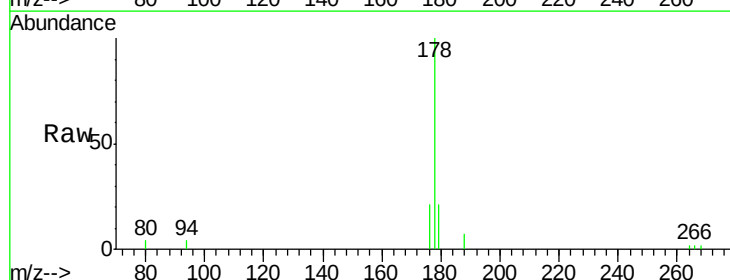
Tgt Ion:178 Resp: 3882

Ion Ratio Lower Upper

178 100

179 21.0 18.1 27.1

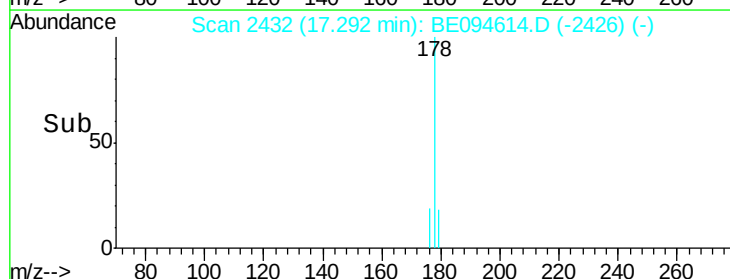
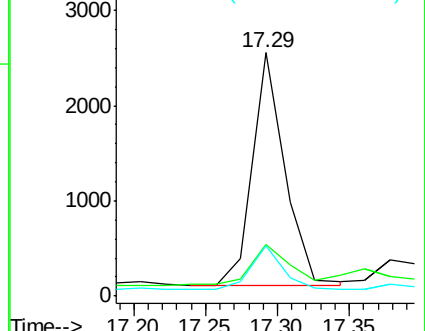
176 20.6 14.7 22.1

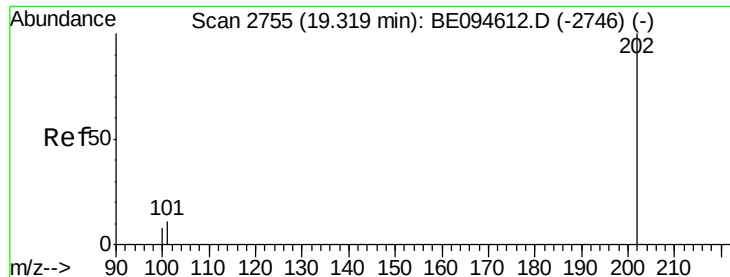


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.44 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

Instrument :

BNA_E

ClientSampleId :

C0AB4DL

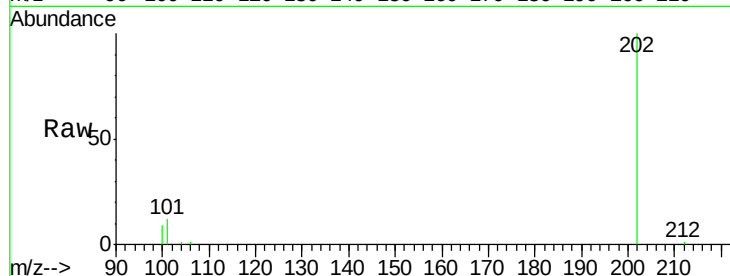
Tot Ion:202 Resp: 11663

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.3

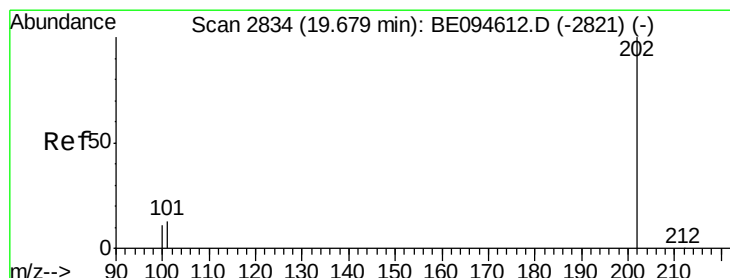
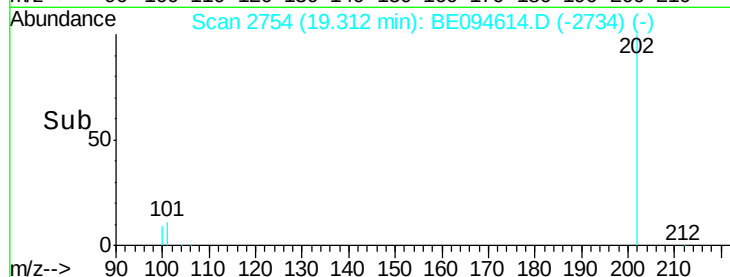
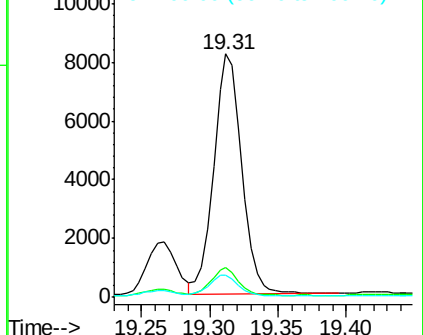
100 9.3 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.35 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

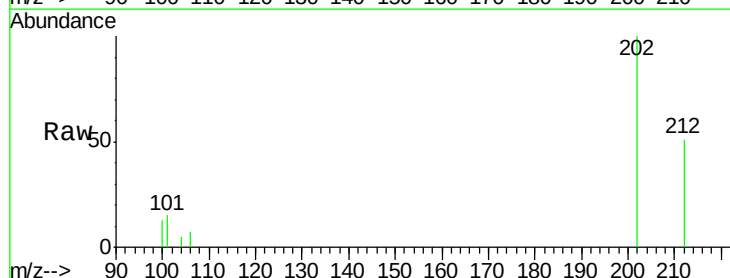
Tgt Ion:202 Resp: 9875

Ion Ratio Lower Upper

202 100

101 14.5 18.2 27.4#

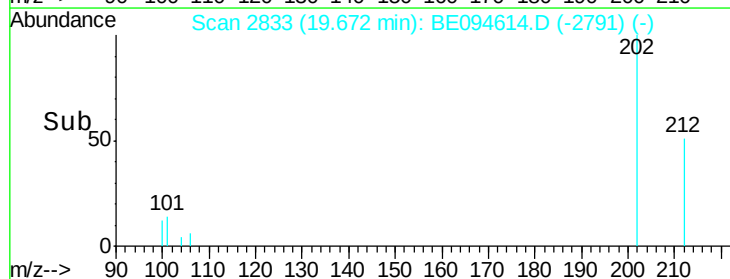
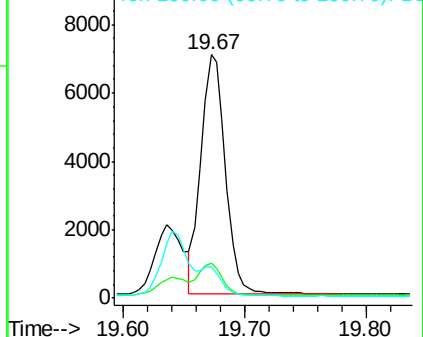
100 12.7 15.6 23.4#

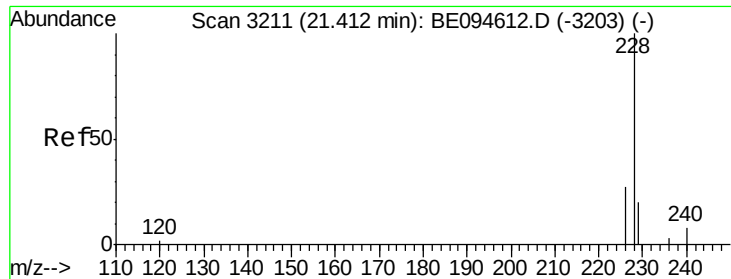


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

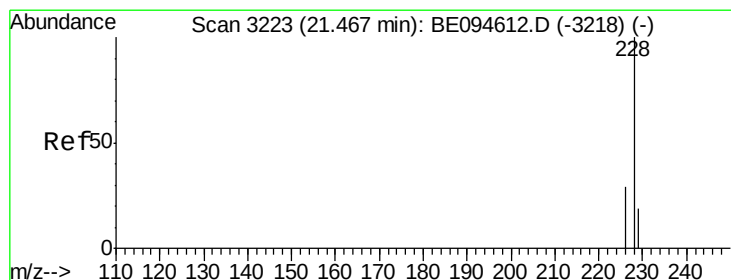
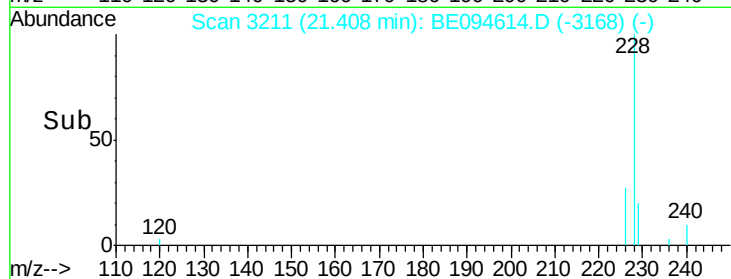
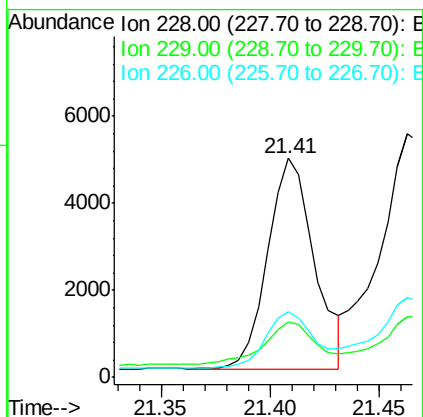
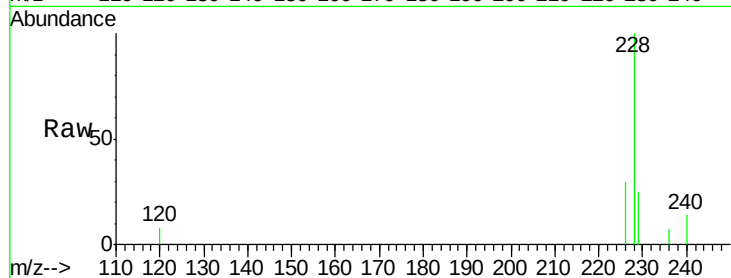




#18
Benzo(a)anthracene
Concen: 0.27 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094614.D
Acq: 28 Oct 2017 9:46

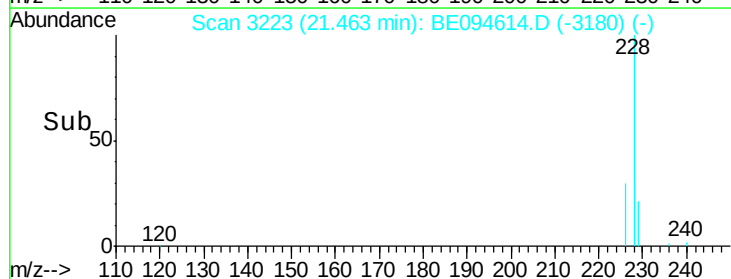
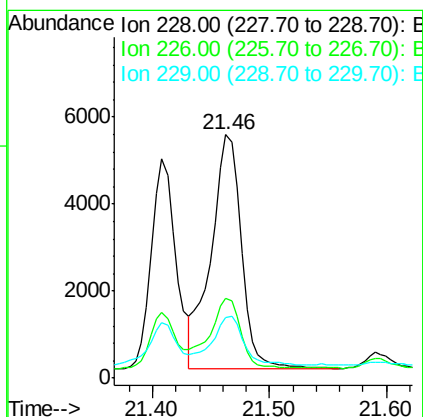
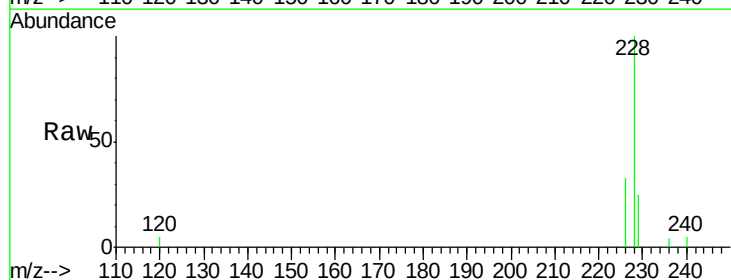
Instrument :
BNA_E
ClientSampleId :
C0AB4DL

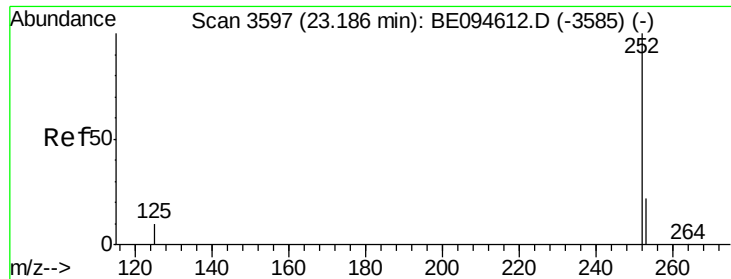
Tot Ion:228 Resp: 7113
Ion Ratio Lower Upper
228 100
229 25.0 22.8 34.2
226 30.0 17.0 25.6#



#19
Chrysene
Concen: 0.36 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094614.D
Acq: 28 Oct 2017 9:46

Tgt Ion:228 Resp: 9816
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.0
229 24.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.58 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

Instrument :

BNA_E

ClientSampleId :

C0AB4DL

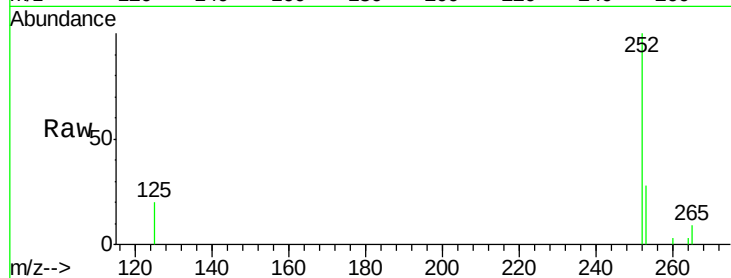
Tot Ion:252 Resp: 16076

Ion Ratio Lower Upper

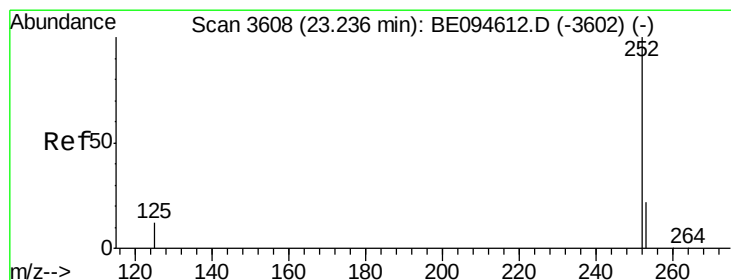
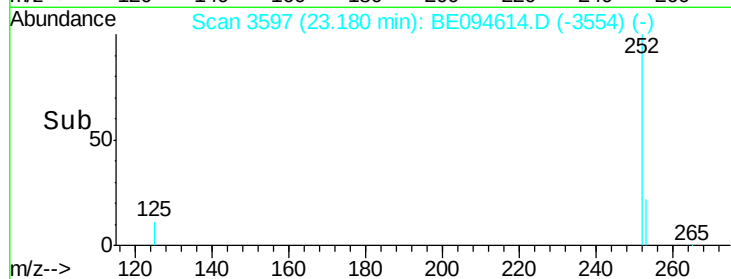
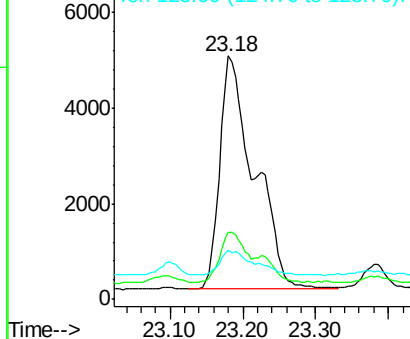
252 100

253 27.7 0.0 64.2

125 20.2 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: 0.54 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.06 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

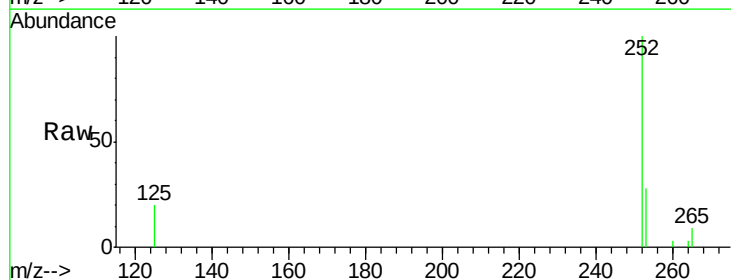
Tgt Ion:252 Resp: 16076

Ion Ratio Lower Upper

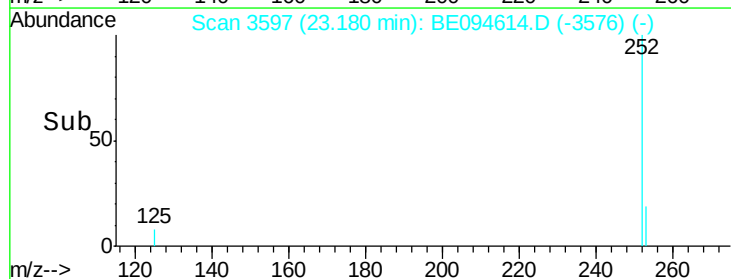
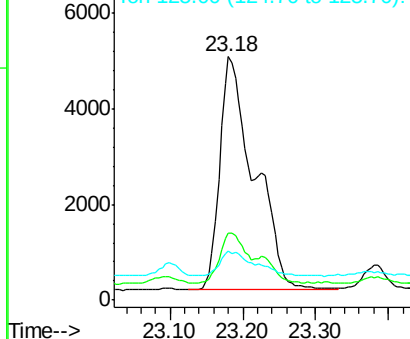
252 100

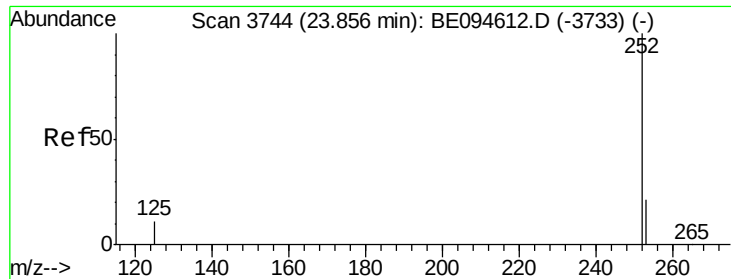
253 27.7 24.5 36.7

125 20.2 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: 0.23 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

Instrument :

BNA_E

ClientSampleId :

C0AB4DL

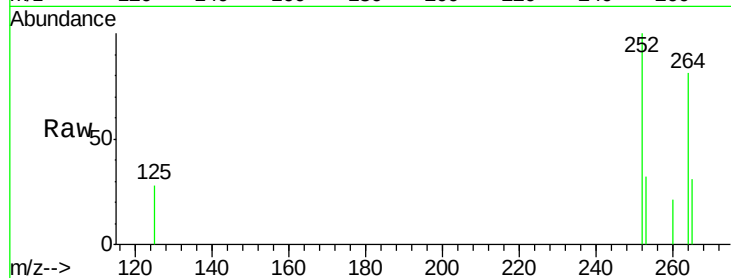
Tot Ion:252 Resp: 6255

Ion Ratio Lower Upper

252 100

253 31.6 28.5 42.7

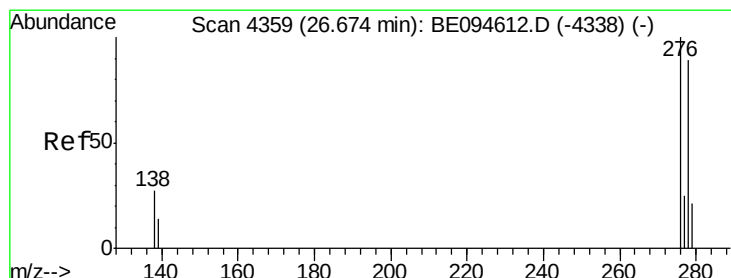
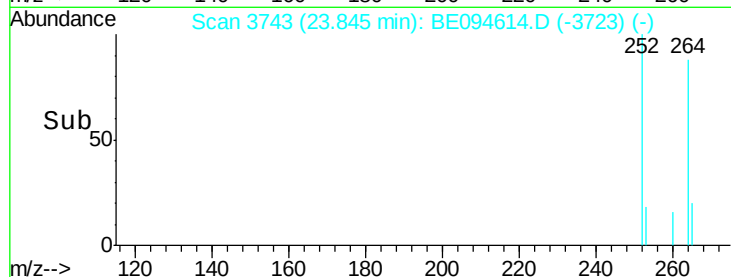
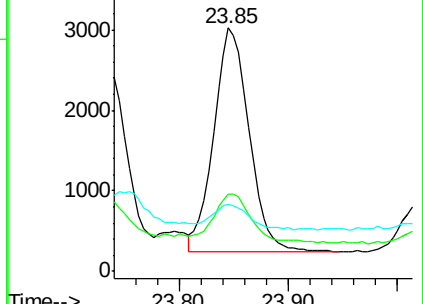
125 27.5 18.1 27.1#



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: 0.14 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

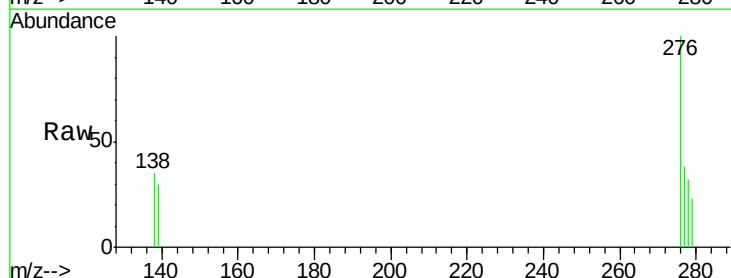
Tgt Ion:276 Resp: 4096

Ion Ratio Lower Upper

276 100

138 20.7 28.0 42.0#

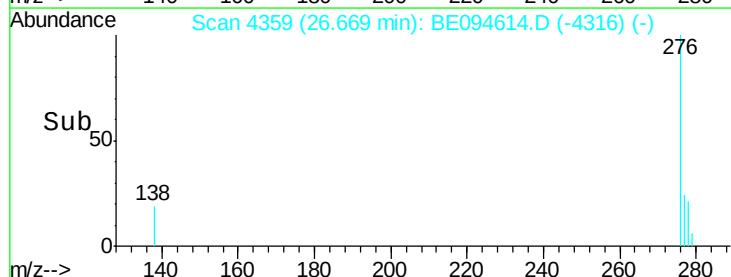
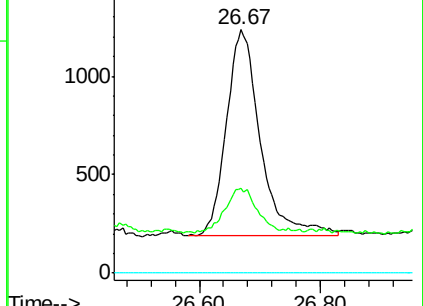
227 0.0 8.0 12.0#

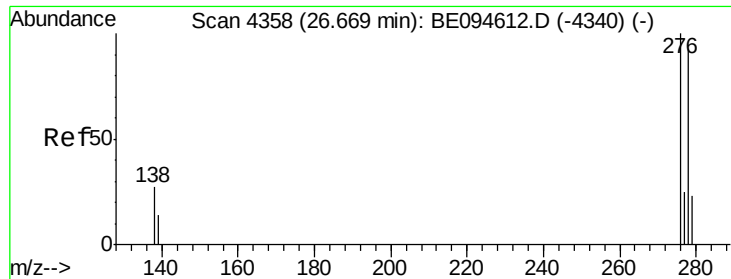


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 26.66 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

Instrument :

BNA_E

ClientSampleId :

C0AB4DL

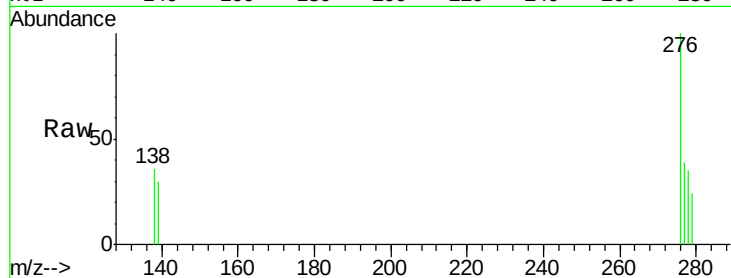
Tot Ion:278 Resp: 1016

Ion Ratio Lower Upper

278 100

139 86.0 17.4 26.0#

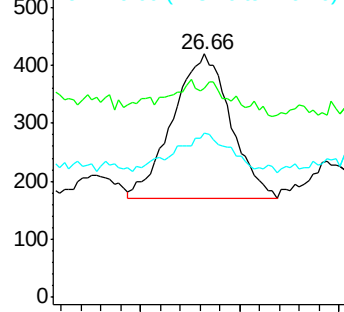
279 67.4 25.9 38.9#



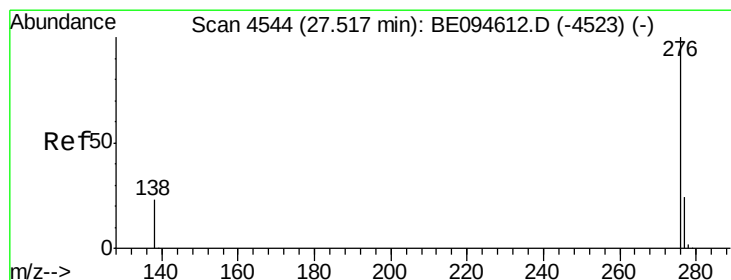
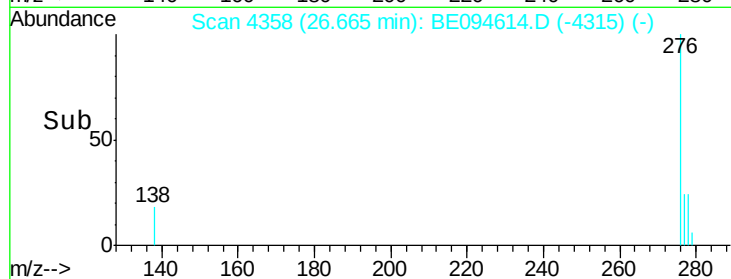
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.14 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. -0.01 min

Lab File: BE094614.D

Acq: 28 Oct 2017 9:46

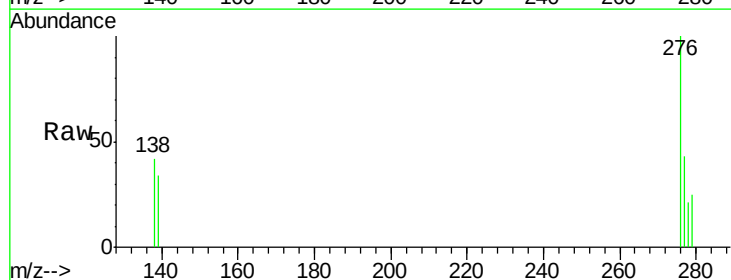
Tgt Ion:276 Resp: 3136

Ion Ratio Lower Upper

276 100

138 41.8 21.8 32.8#

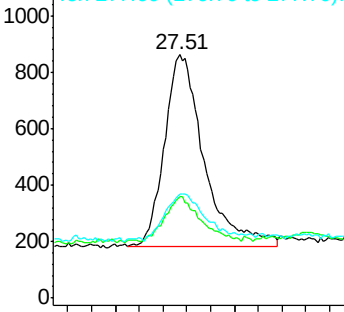
277 42.9 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

