

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094629.D
 Acq On : 28 Oct 2017 18:58
 Operator : SJ/JU
 Sample : I5842-20DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9DL

Quant Time: Oct 30 02:59:28 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 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12001	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6498	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14245	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	14111	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14644	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	903	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2187	0.05	ng/ul	0.00

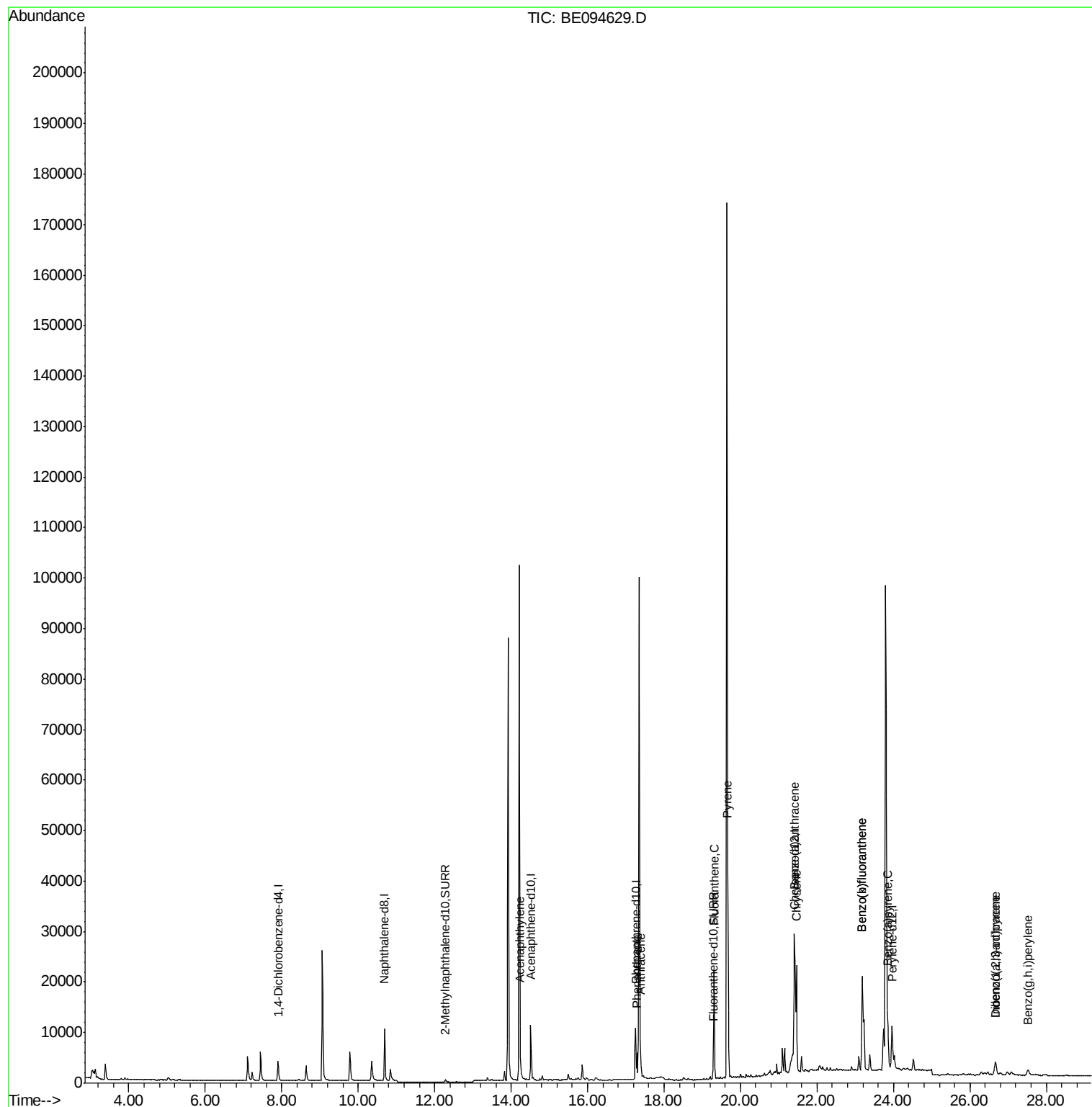
Target Compounds				Ovalue		
7) Acenaphthylene	14.24	152	945	0.03	ng/ul#	86
12) Phenanthrene	17.29	178	5771	0.15	ng/ul#	91
13) Anthracene	17.38	178	3556	0.10	ng/ul#	93
15) Fluoranthene	19.31	202	24646	0.57	ng/ul	84
17) Pyrene	19.67	202	43770	1.00	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	21390	0.53	ng/ul#	89
19) Chrysene	21.46	228	25832	0.62	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	46442	1.13	ng/ul	90
22) Benzo(k)fluoranthene	23.18	252	46421	1.05	ng/ul	91
23) Benzo(a)pyrene	23.85	252	14877	0.36	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.67	276	5596	0.13	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.66	278	1754	0.05	ng/ul#	35
26) Benzo(g,h,i)perylene	27.51	276	3404	0.10	ng/ul#	64

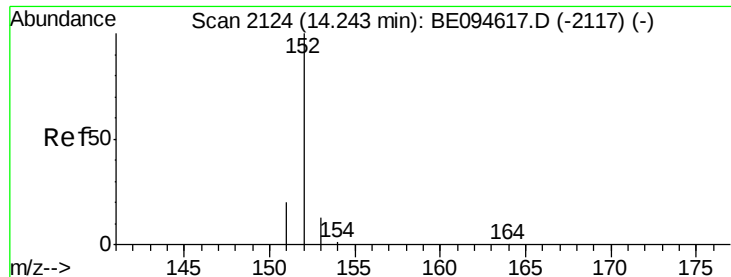
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

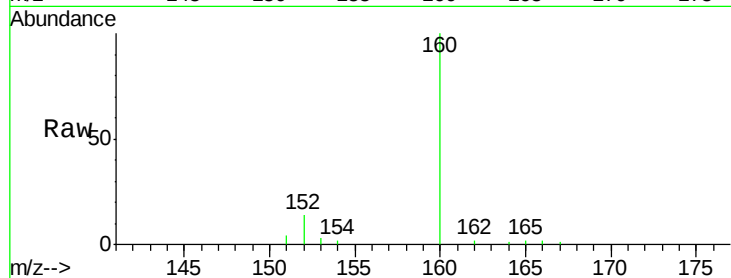
Tot Ion:152 Resp: 945

Ion Ratio Lower Upper

152 100

151 28.0 17.1 25.7#

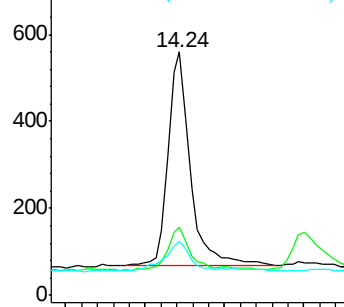
153 22.3 12.8 19.2#



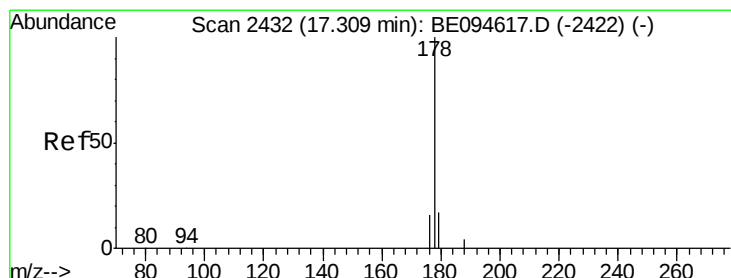
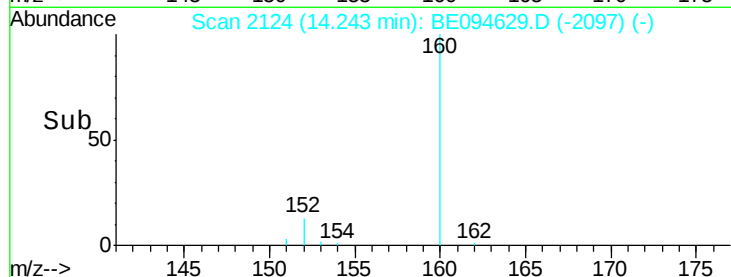
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.15 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

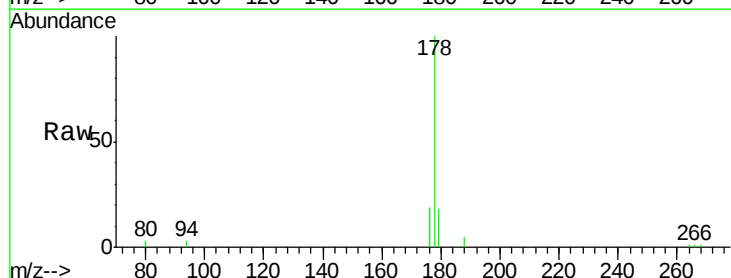
Tgt Ion:178 Resp: 5771

Ion Ratio Lower Upper

178 100

179 17.5 18.4 27.6#

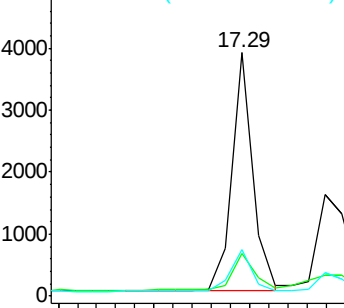
176 19.3 13.6 20.4



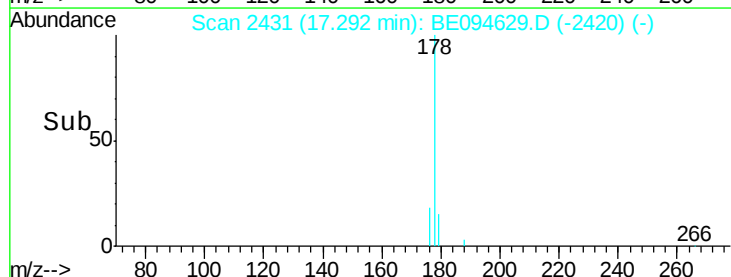
Abundance Ion 178.00 (177.70 to 178.70): E

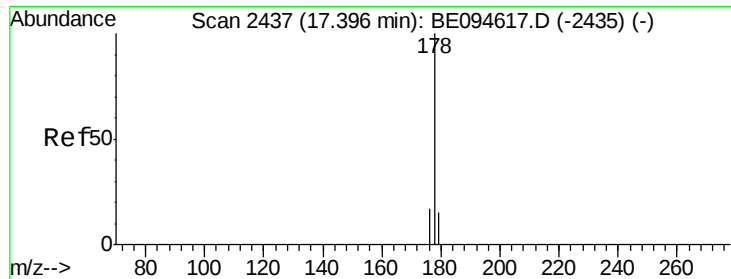
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

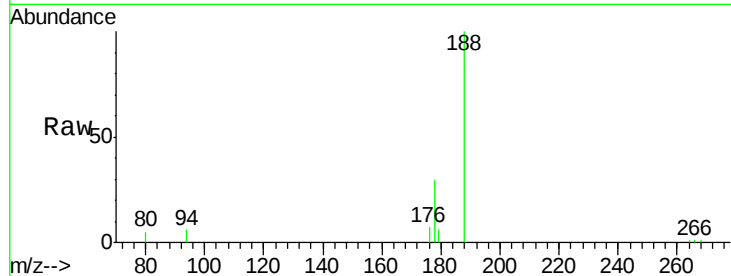
Tot Ion:178 Resp: 3556

Ion Ratio Lower Upper

178 100

179 20.6 18.1 27.1

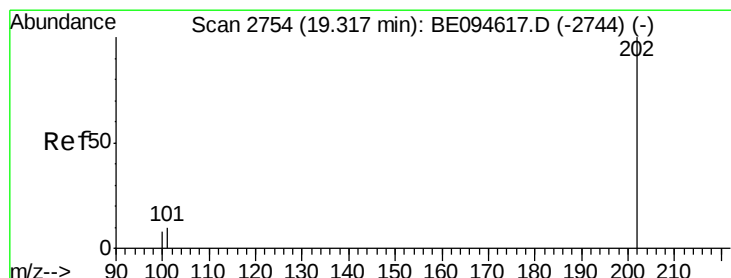
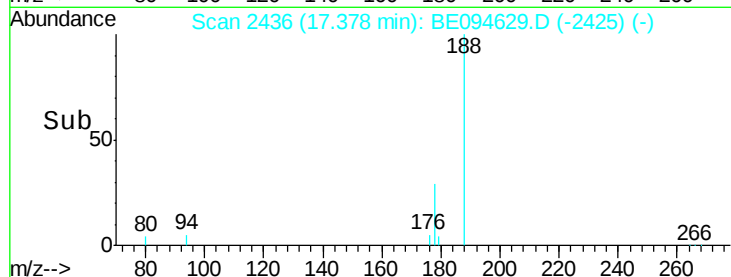
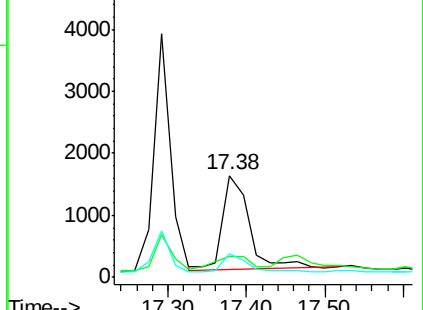
176 23.4 14.7 22.1#



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: 0.57 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

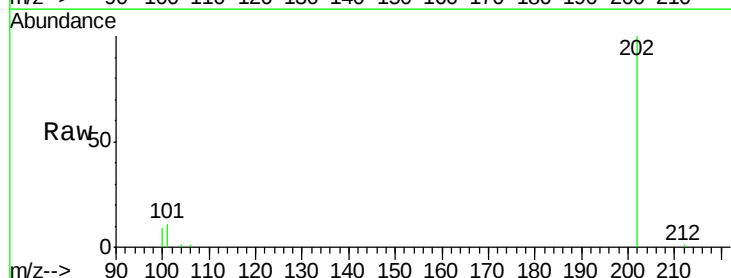
Tgt Ion:202 Resp: 24646

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.3

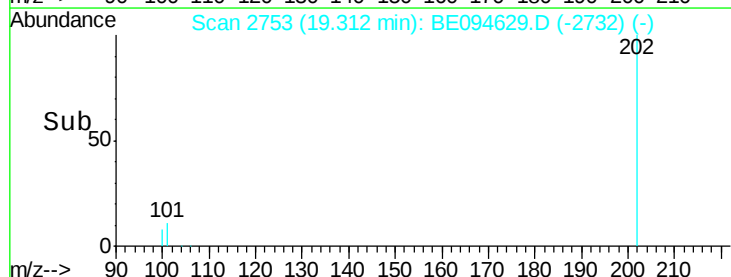
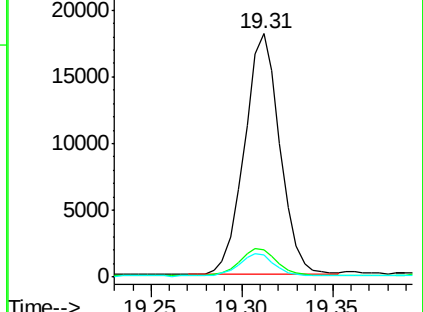
100 8.9 0.0 39.5

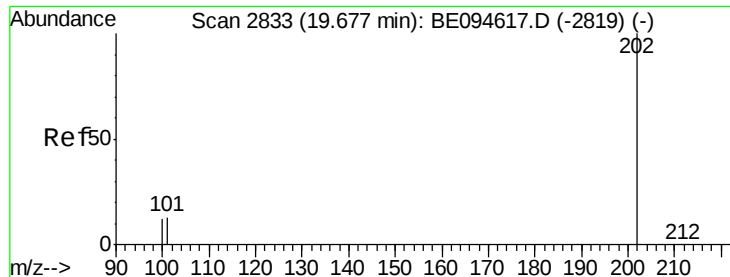


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.00 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

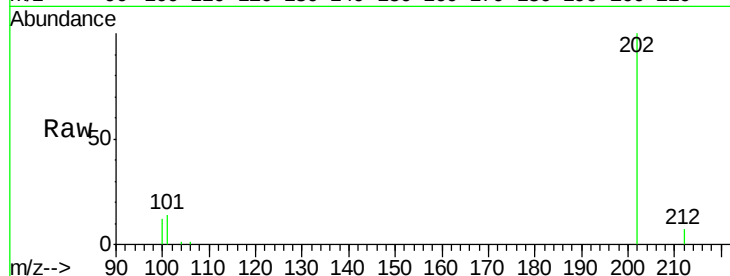
Tot Ion:202 Resp: 43770

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

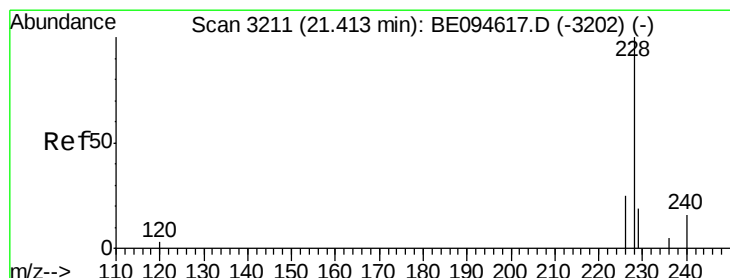
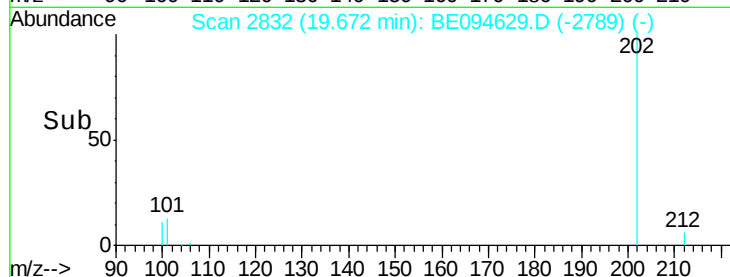
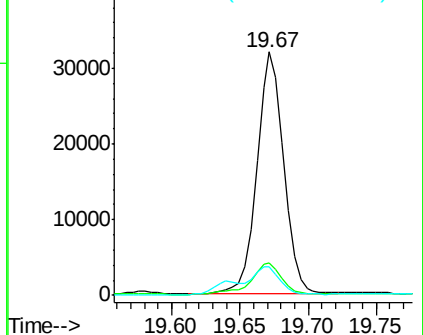
100 11.6 15.6 23.4#



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: 0.53 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

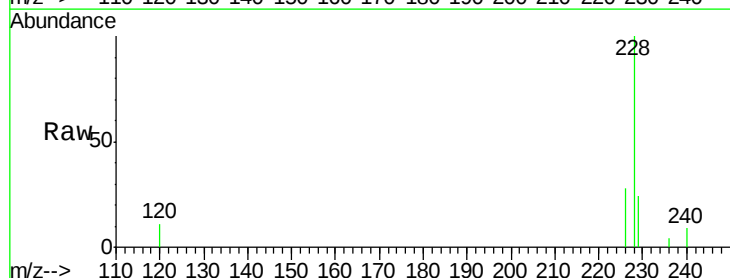
Tgt Ion:228 Resp: 21390

Ion Ratio Lower Upper

228 100

229 24.2 22.8 34.2

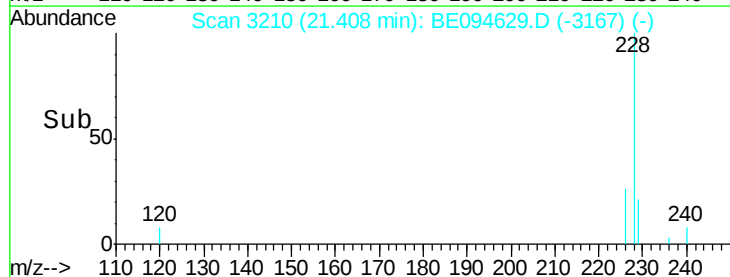
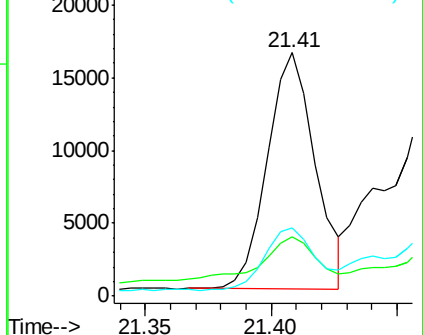
226 28.0 17.0 25.6#

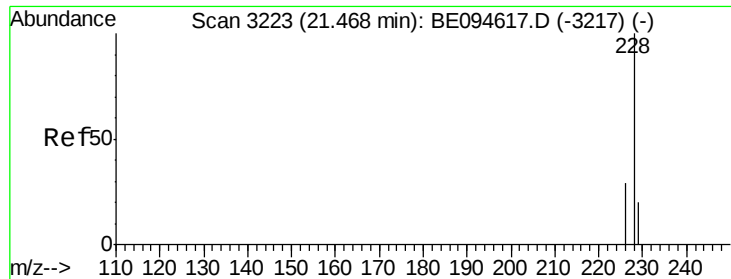


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.62 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

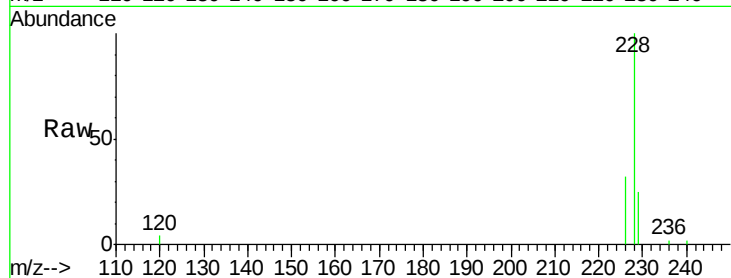
Tot Ion:228 Resp: 25832

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

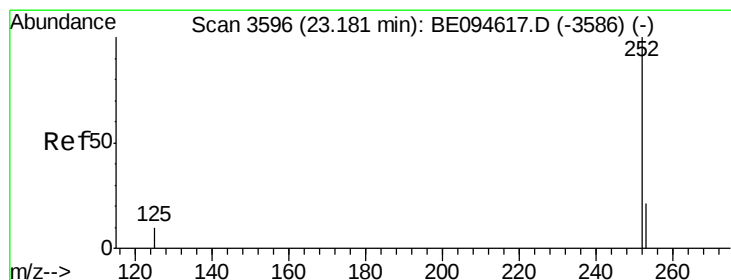
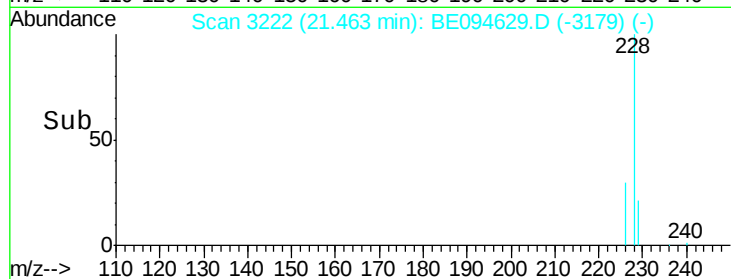
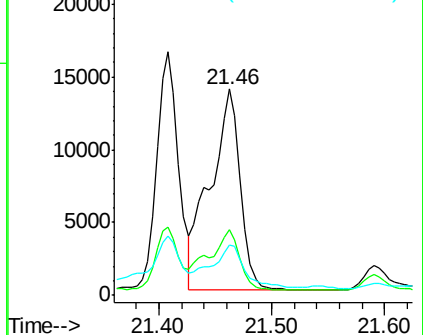
229 24.7 17.7 26.5



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: 1.13 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

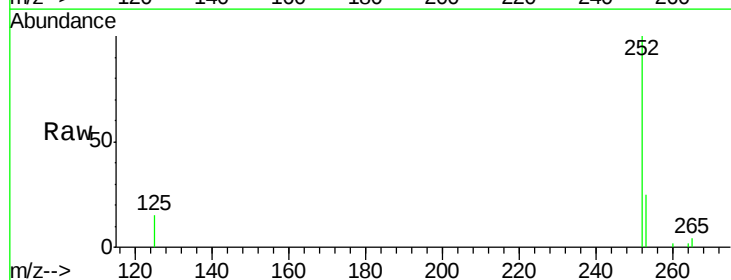
Tgt Ion:252 Resp: 46442

Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

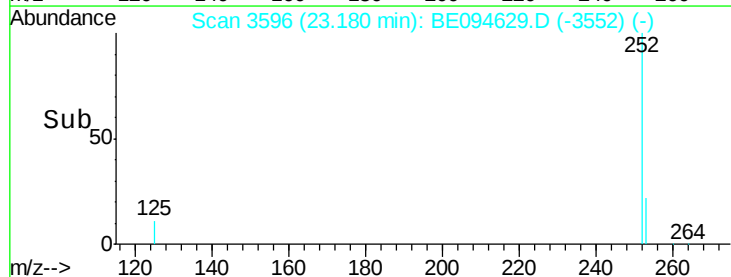
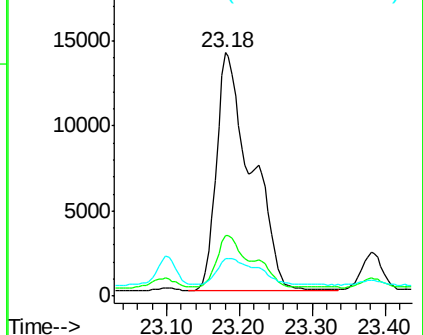
125 15.2 0.0 35.0

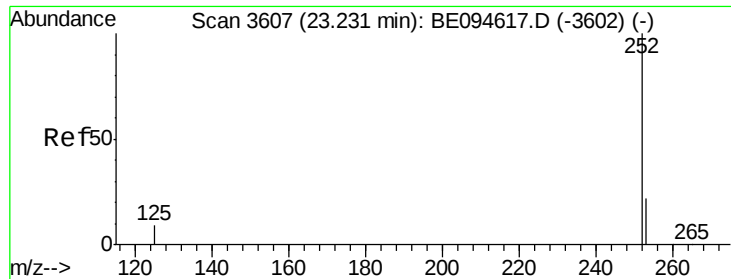


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

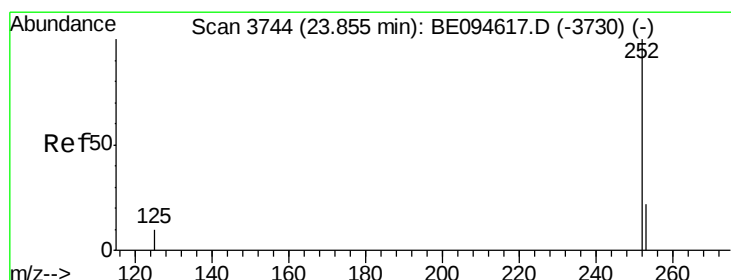
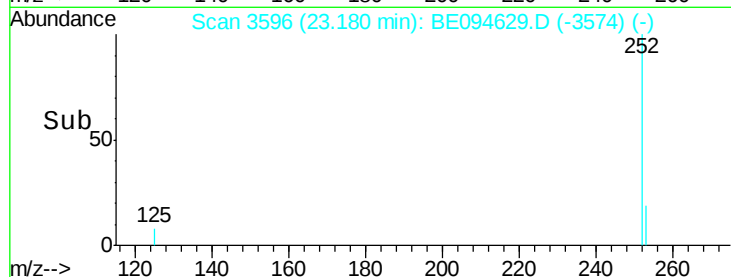
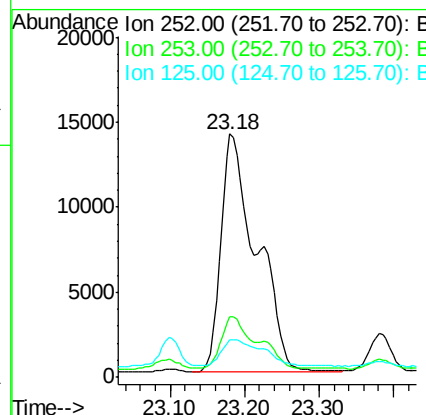
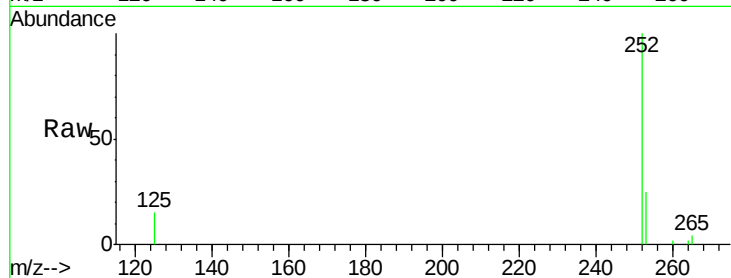




#22
Benzo(k)fluoranthene
Concen: 1.05 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.05 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

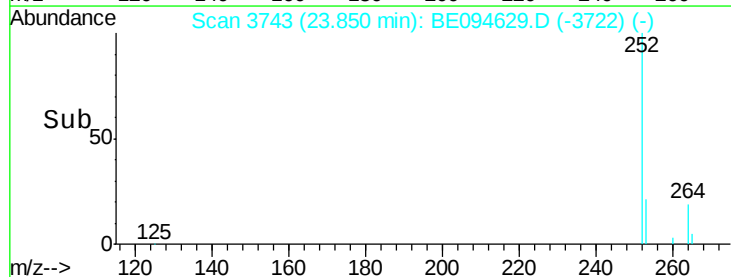
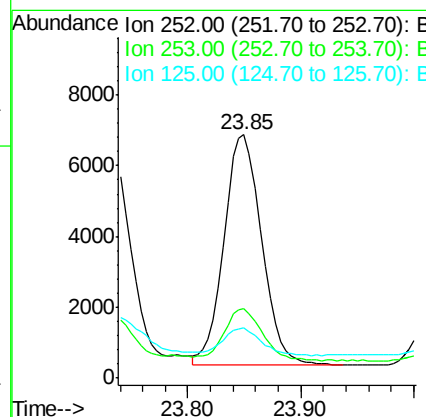
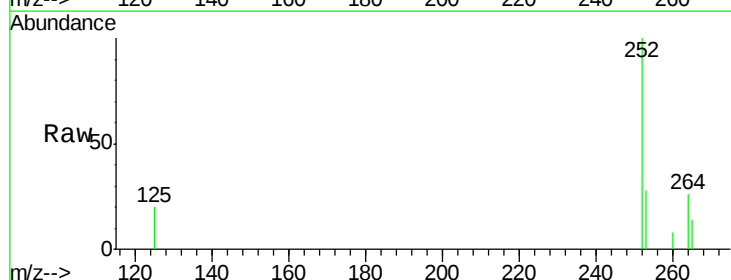
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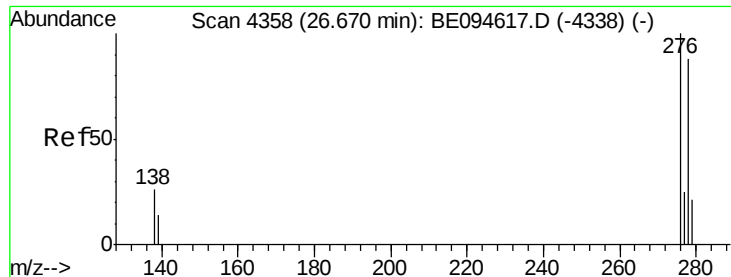
Tot Ion:252 Resp: 46421
Ion Ratio Lower Upper
252 100
253 24.7 24.5 36.7
125 15.2 13.7 20.5



#23
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Tgt Ion:252 Resp: 14877
Ion Ratio Lower Upper
252 100
253 28.4 28.5 42.7#
125 20.5 18.1 27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.13 ng/ul

RT: 26.67 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

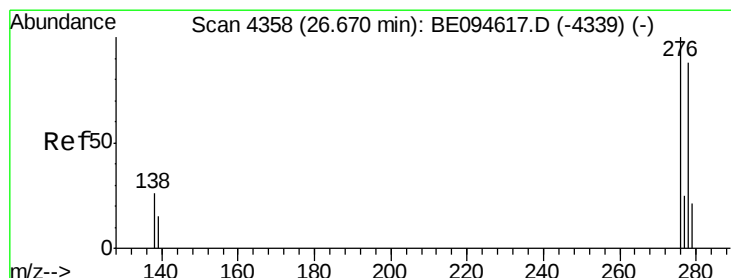
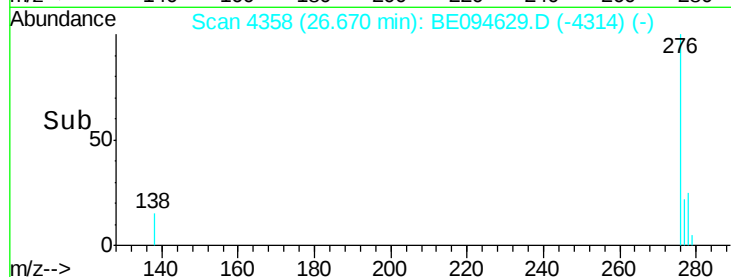
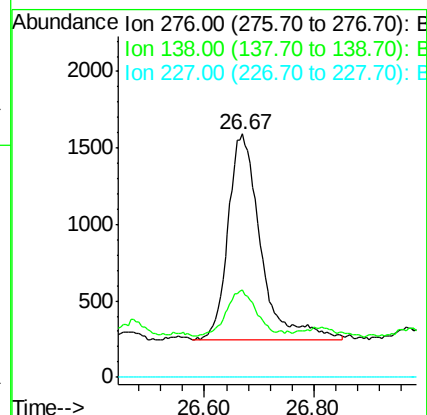
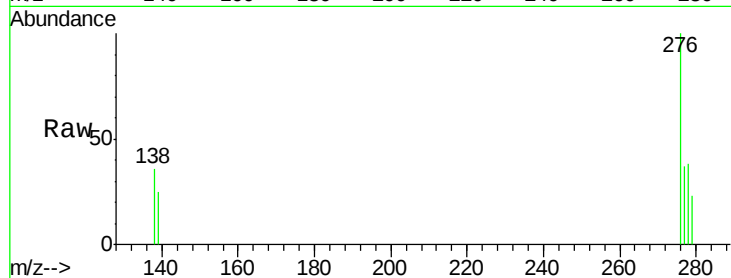
Tot Ion:276 Resp: 5596

Ion Ratio Lower Upper

276 100

138 20.2 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.05 ng/ul

RT: 26.66 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

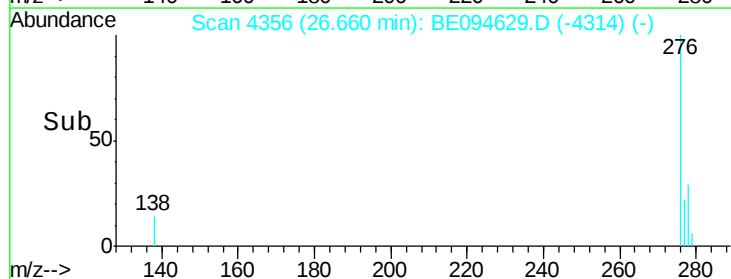
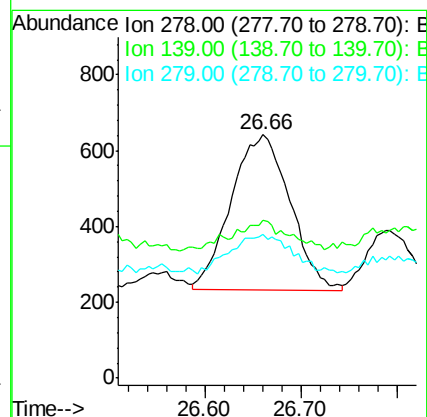
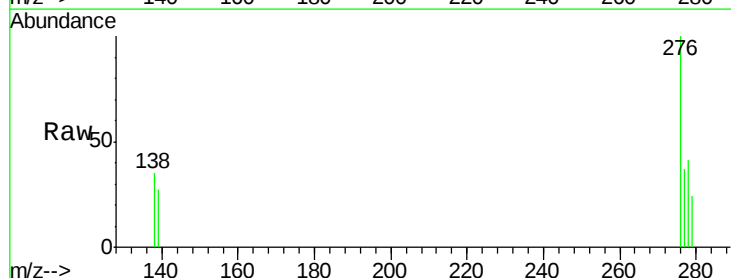
Tgt Ion:278 Resp: 1754

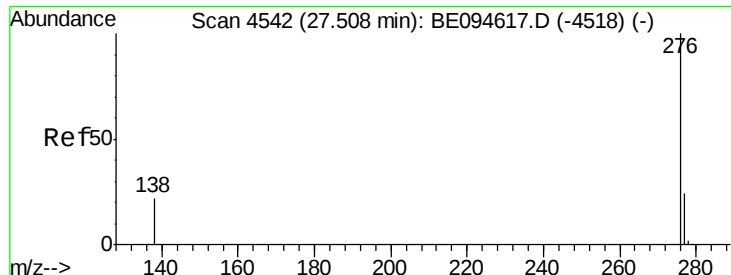
Ion Ratio Lower Upper

278 100

139 64.8 17.4 26.0#

279 59.0 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.10 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. 0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

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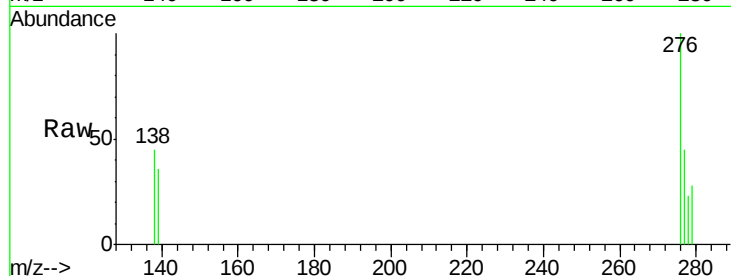
Tot Ion:276 Resp: 3404

Ion Ratio Lower Upper

276 100

138 45.5 21.8 32.8#

277 44.5 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

