

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094611.D
 Acq On : 28 Oct 2017 00:23
 Operator : SJ/JU
 Sample : I5842-14DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2DL

Quant Time: Oct 30 01:12:56 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 01:11:00 2017
 Response via : Initial Calibration

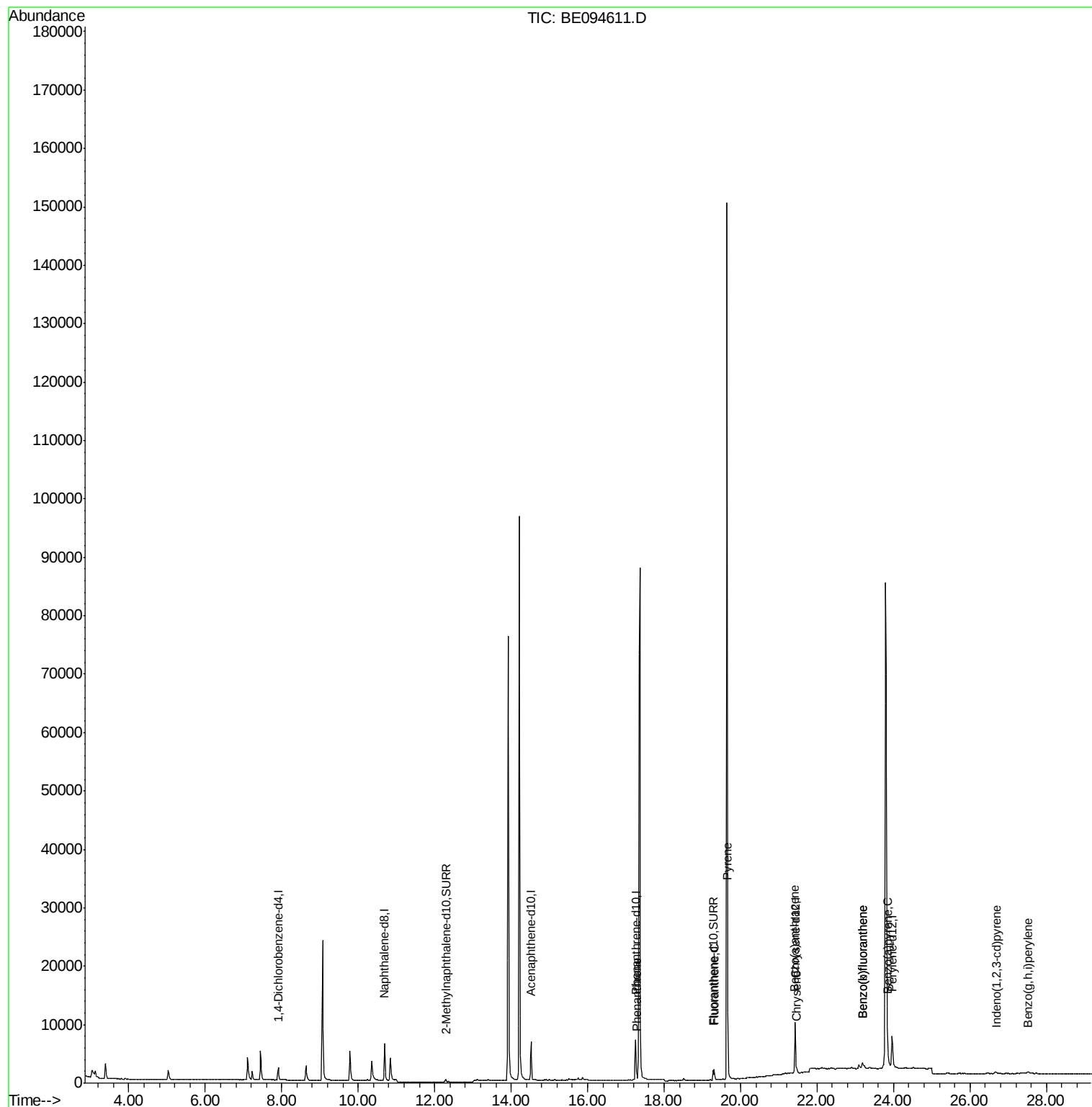
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1253	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7371	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4094	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8940	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8886	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9833	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	833	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2043	0.08	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	702	0.030	ng/ul#	81
15) Fluoranthene	19.31	202	2157	0.079	ng/ul	85
17) Pyrene	19.67	202	2155	0.078	ng/ul	94
18) Benzo(a)anthracene	21.41	228	799	0.031	ng/ul#	28
19) Chrysene	21.47	228	1313	0.050	ng/ul#	51
21) Benzo(b)fluoranthene	23.19	252	2292	0.083	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	2303	0.078	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	944	0.034	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	668	0.023	ng/ul#	72
26) Benzo(g,h,i)perylene	27.53	276	602	0.026	ng/ul#	1

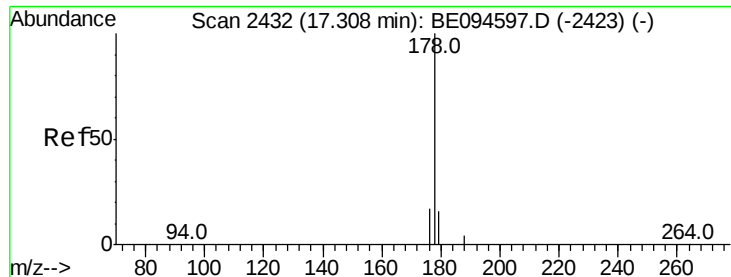
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.030 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

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Acq: 28 Oct 2017 00:23

Instrument :

BNA_E

ClientSampleId :

C0AB2DL

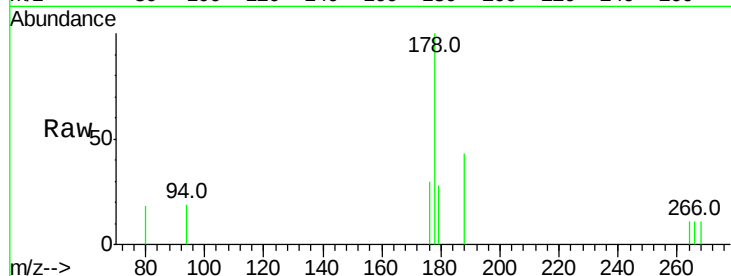
Tot Ion:178 Resp: 702

Ion Ratio Lower Upper

178 100

179 28.4 18.4 27.6#

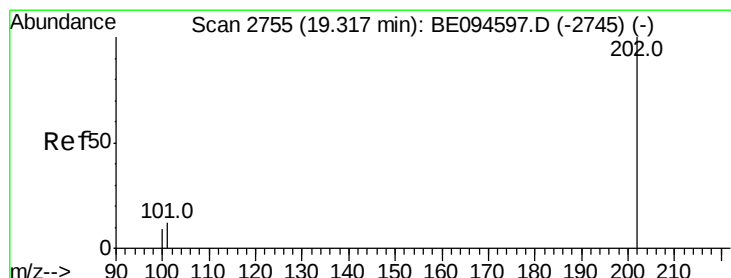
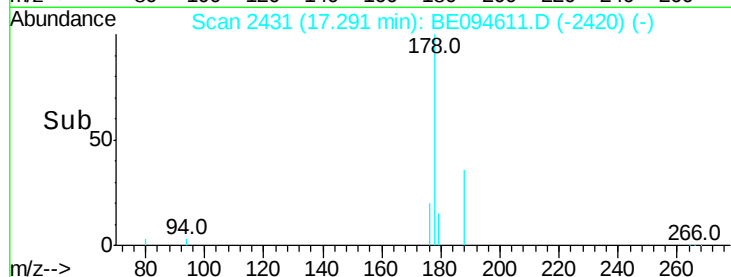
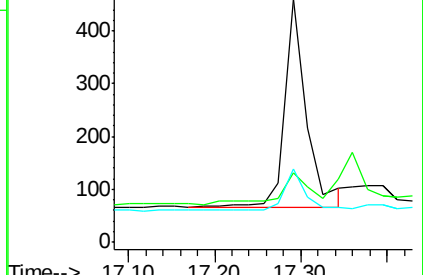
176 30.2 13.6 20.4#



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: 0.079 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

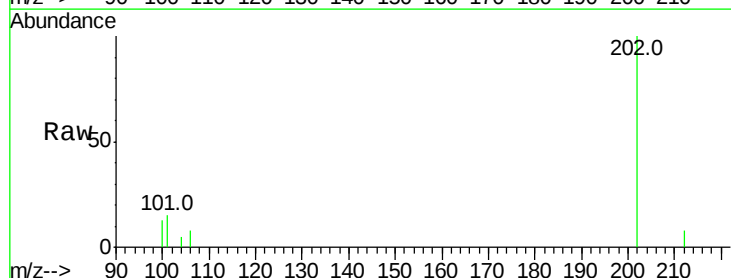
Tgt Ion:202 Resp: 2157

Ion Ratio Lower Upper

202 100

101 15.4 0.0 30.3

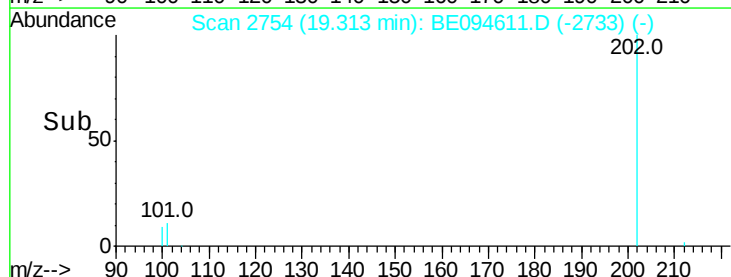
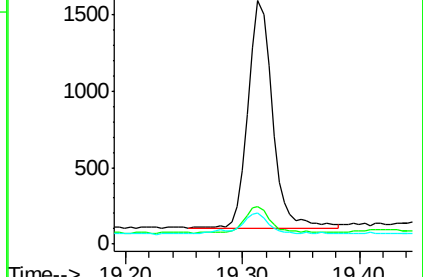
100 12.7 0.0 39.5

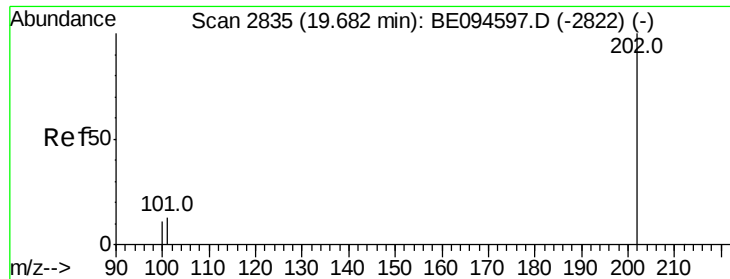


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.078 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

Instrument :

BNA_E

ClientSampleId :

C0AB2DL

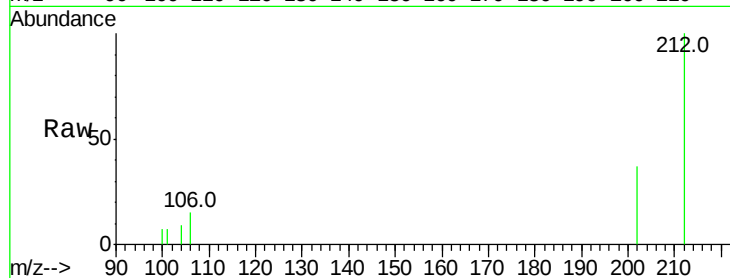
Tot Ion:202 Resp: 2155

Ion Ratio Lower Upper

202 100

101 18.7 18.2 27.4

100 18.3 15.6 23.4

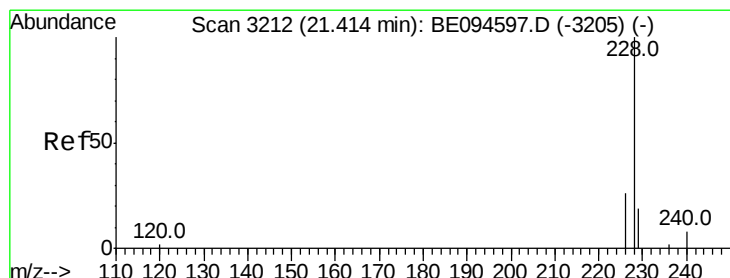
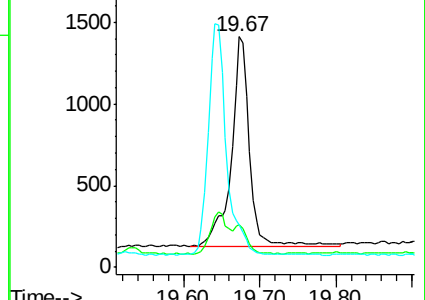
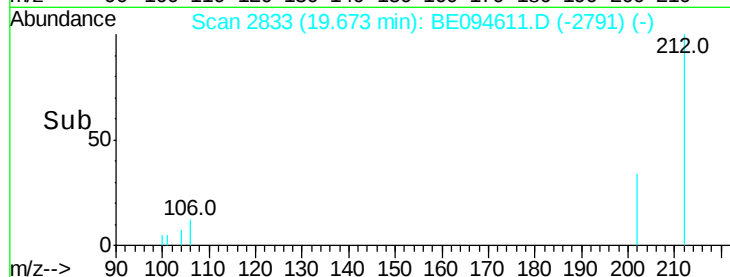


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.60 19.70 19.80



#18

Benzo(a)anthracene

Concen: 0.031 ng/ul

RT: 21.41 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

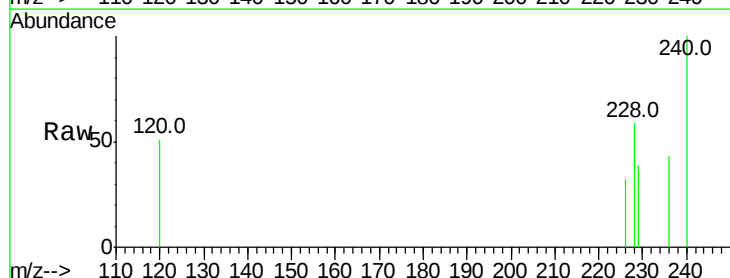
Tgt Ion:228 Resp: 799

Ion Ratio Lower Upper

228 100

229 66.9 22.8 34.2#

226 55.2 17.0 25.6#

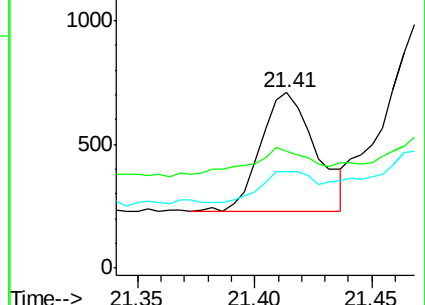
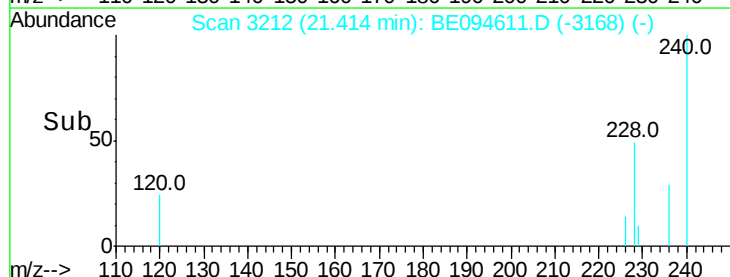


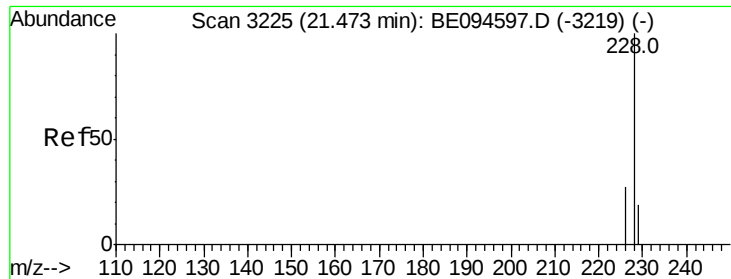
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time--> 21.35 21.40 21.45





#19

Chrysene

Concen: 0.050 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

Instrument :

BNA_E

ClientSampleId :

C0AB2DL

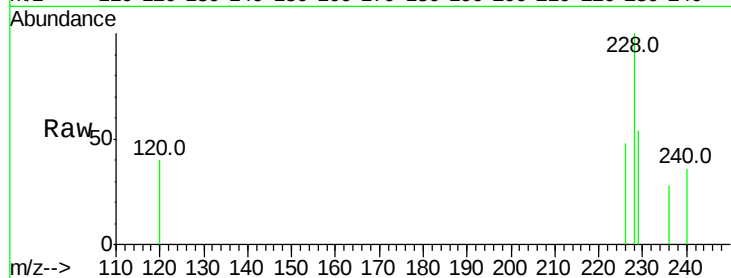
Tot Ion:228 Resp: 1313

Ion Ratio Lower Upper

228 100

226 48.1 23.4 35.0#

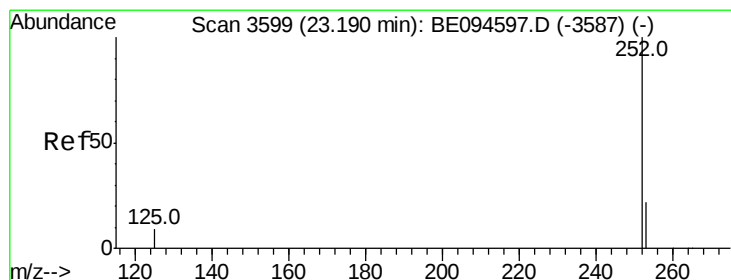
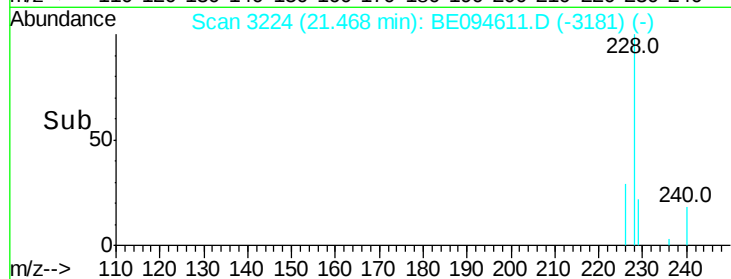
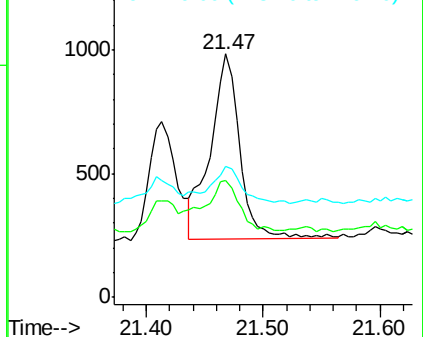
229 53.7 17.7 26.5#



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: 0.083 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

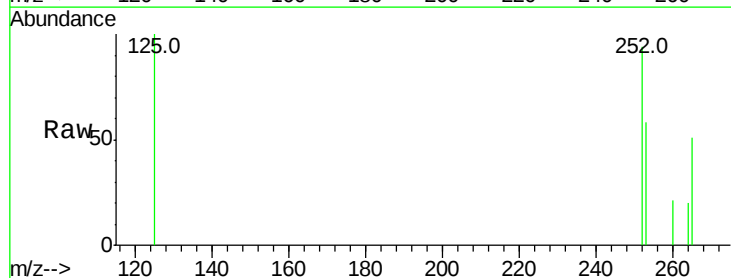
Tgt Ion:252 Resp: 2292

Ion Ratio Lower Upper

252 100

253 62.0 0.0 64.2

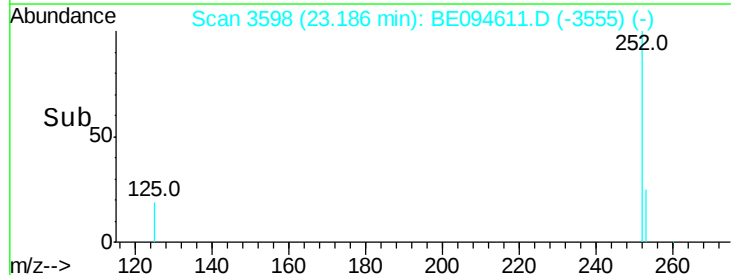
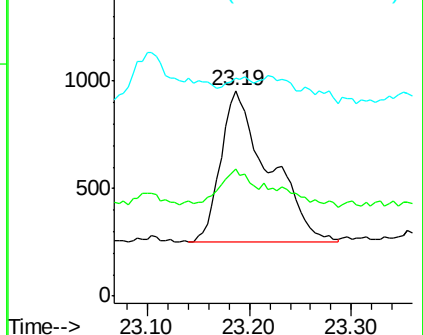
125 106.1 0.0 35.0#

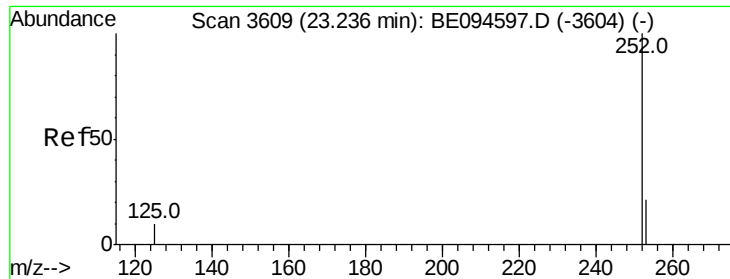


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.078 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

Instrument :

BNA_E

ClientSampleId :

C0AB2DL

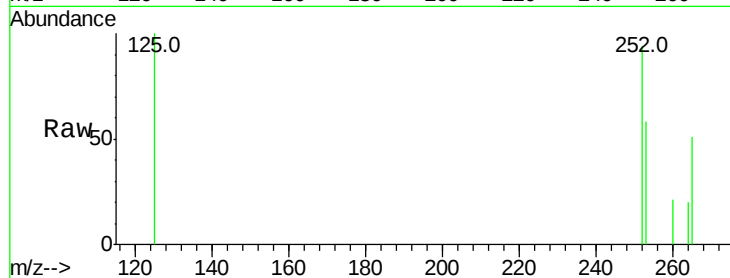
Tot Ion:252 Resp: 2303

Ion Ratio Lower Upper

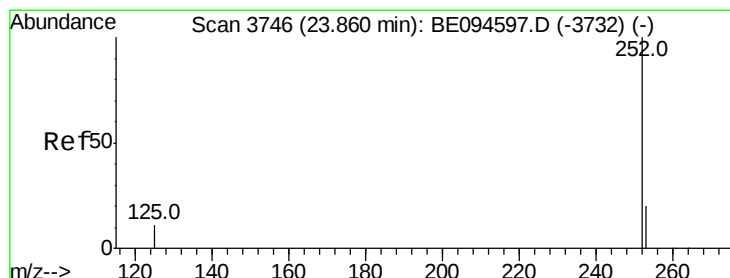
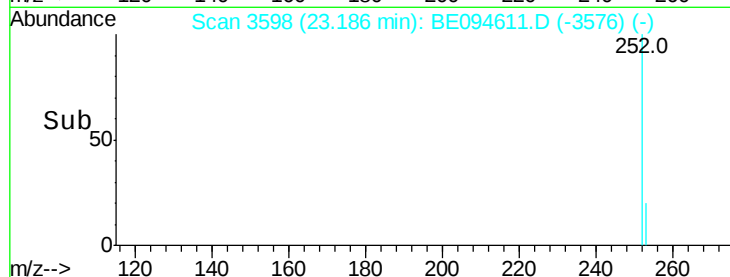
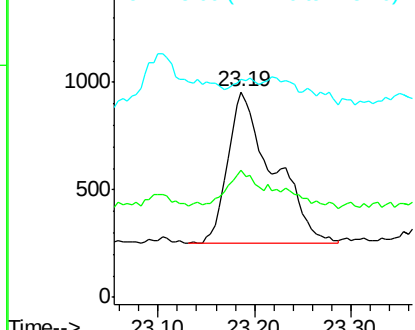
252 100

253 62.0 24.5 36.7#

125 106.1 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: 0.034 ng/ul

RT: 23.85 min Scan# 3744

Delta R.T. -0.01 min

Lab File: BE094611.D

Acq: 28 Oct 2017 00:23

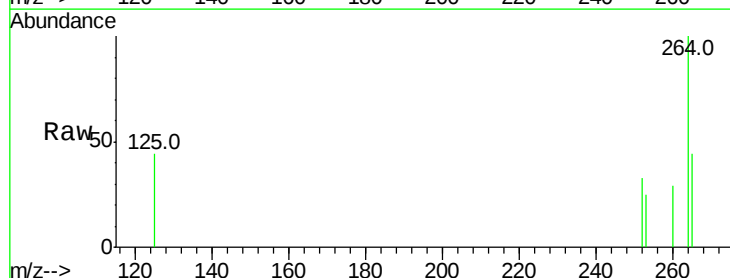
Tgt Ion:252 Resp: 944

Ion Ratio Lower Upper

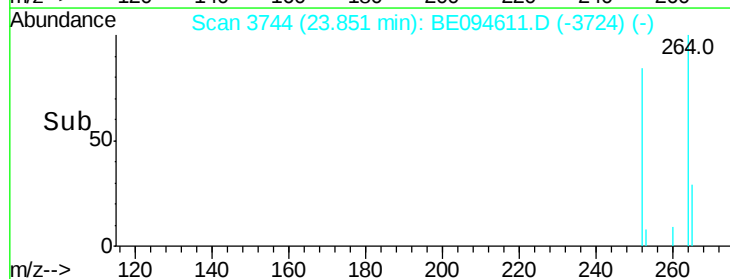
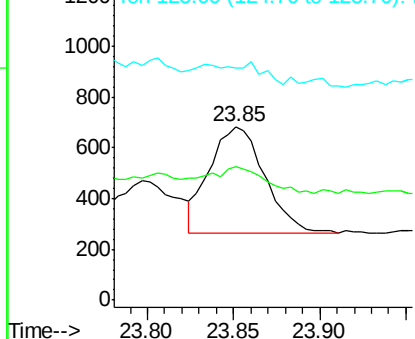
252 100

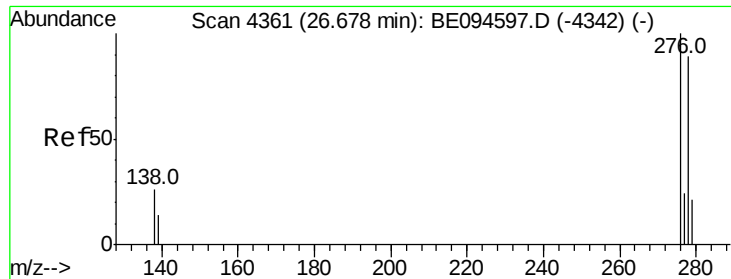
253 76.8 28.5 42.7#

125 133.9 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



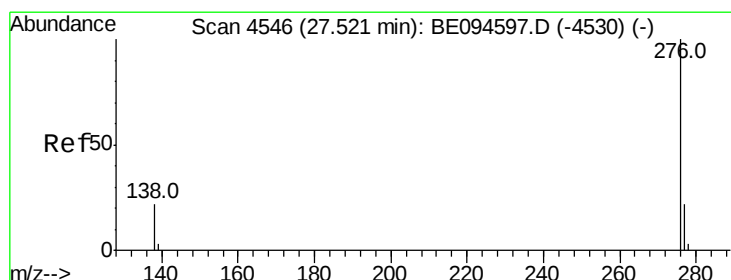
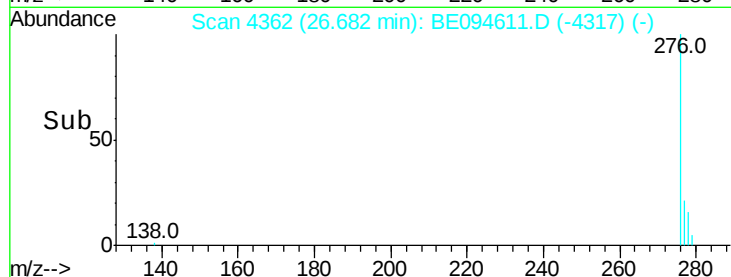
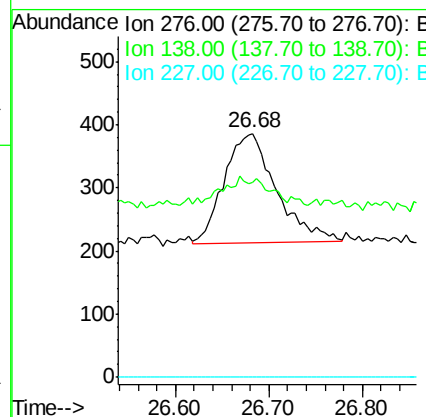
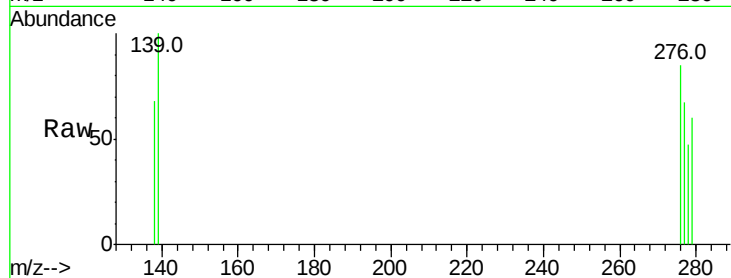


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/u1
RT: 26.68 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BE094611.D
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Instrument :
BNA_E
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C0AB2DL

Tot Ion:276 Resp: 668
Ion Ratio Lower Upper
276 100
138 18.4 28.0 42.0#
227 0.0 8.0 12.0#



#26

Benzo(g,h,i)perylene
Concen: 0.026 ng/u1
RT: 27.53 min Scan# 4547
Delta R.T. 0.00 min
Lab File: BE094611.D
Acq: 28 Oct 2017 00:23

Tgt Ion:276 Resp: 602
Ion Ratio Lower Upper
276 100
138 86.1 21.8 32.8#
277 86.1 20.5 30.7#

