

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094853.D
 Acq On : 23 Nov 2017 3:45
 Operator : SJ/JU
 Sample : I6496-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 22:26:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

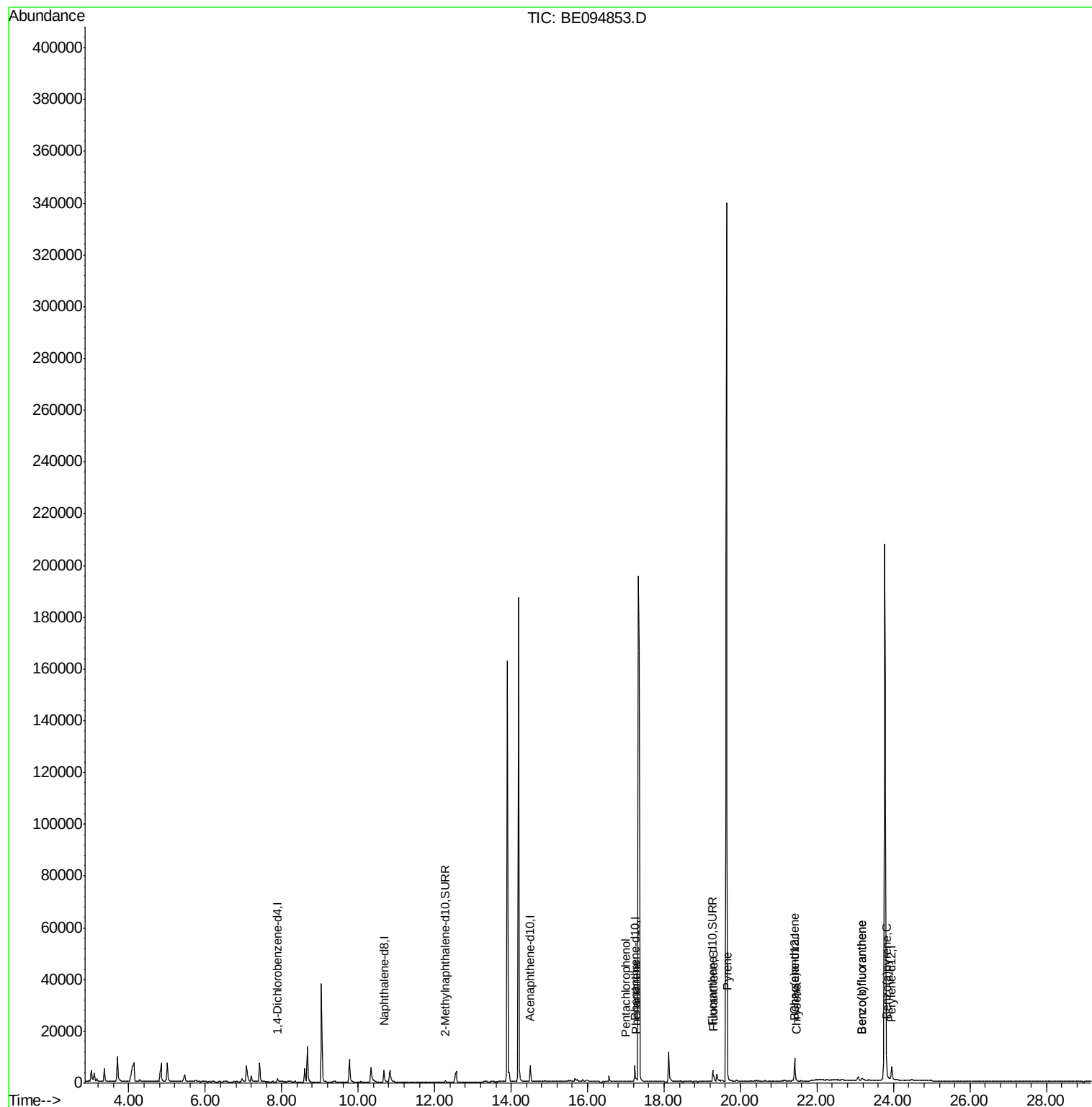
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	746	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.67	136	5245	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3482	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8211	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8276	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	8967	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1427	0.17	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	4498	0.16	ng/ul	-0.01
Target Compounds				Ovalue		
11) Pentachlorophenol	17.00	266	11	0.03	ng/ul#	69
12) Phenanthrene	17.27	178	1141	0.05	ng/ul#	92
15) Fluoranthene	19.30	202	1671	0.06	ng/ul#	41
17) Pyrene	19.66	202	1386	0.05	ng/ul#	93
18) Benzo(a)anthracene	21.40	228	898	0.04	ng/ul#	76
19) Chrysene	21.45	228	1026	0.04	ng/ul#	72
21) Benzo(b)fluoranthene	23.18	252	1555	0.06	ng/ul#	18
22) Benzo(k)fluoranthene	23.18	252	1555	0.05	ng/ul#	14
23) Benzo(a)pyrene	23.83	252	661	0.02	ng/ul#	11

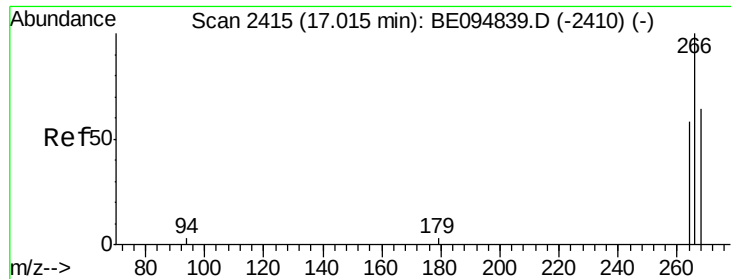
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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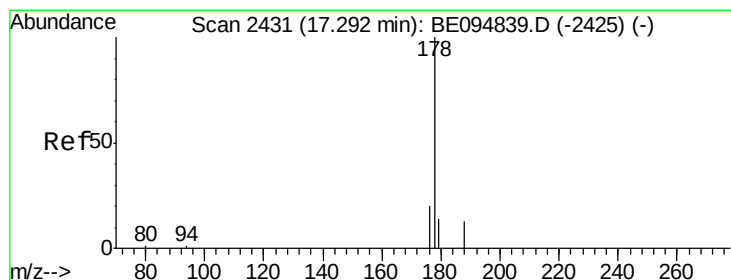
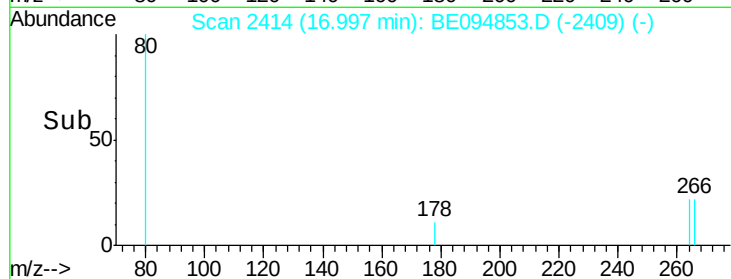
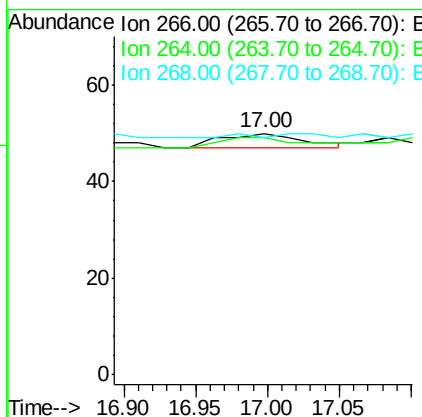
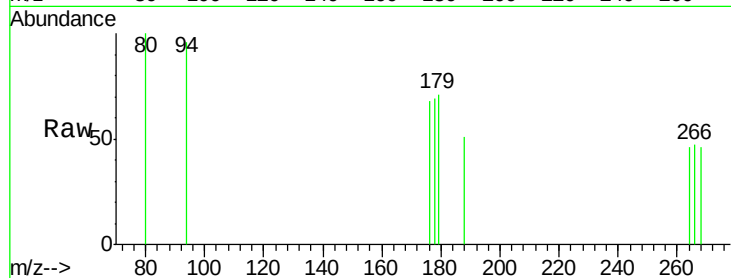




#11
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BE094853.D
 Acq: 23 Nov 2017 3:45

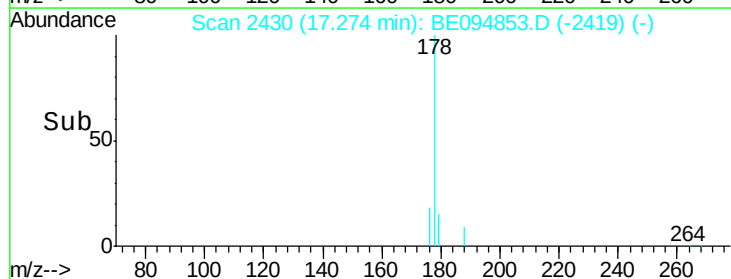
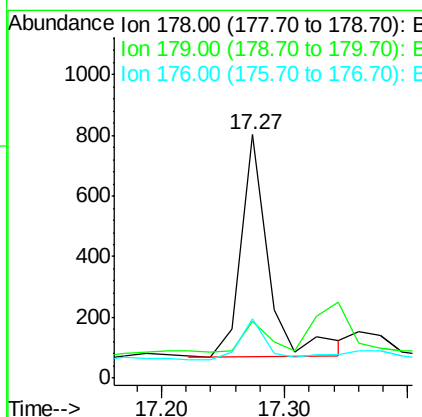
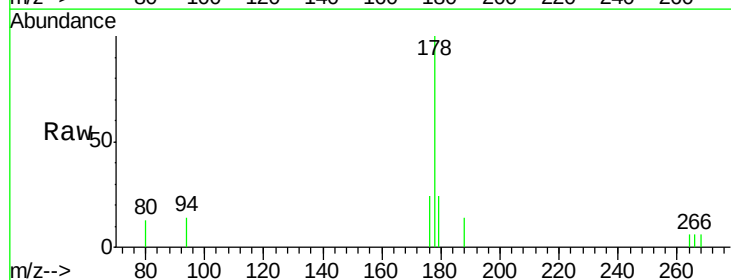
Instrument :
 BNA_E
 ClientSampleId :

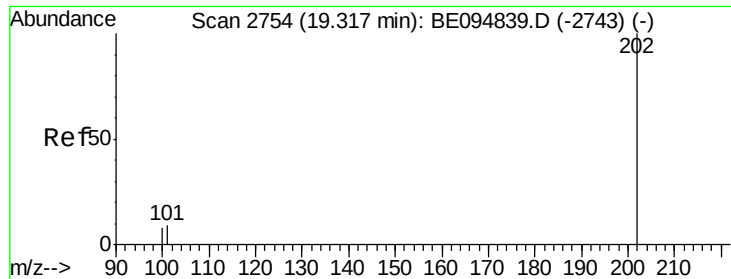
Tot Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 72.7 47.9 71.9#
 268 27.3 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.05 ng/ul
 RT: 17.27 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094853.D
 Acq: 23 Nov 2017 3:45

Tgt Ion:178 Resp: 1141
 Ion Ratio Lower Upper
 178 100
 179 23.6 18.4 27.6
 176 24.2 13.6 20.4#





#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.02 min

Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

Instrument :

BNA_E

ClientSampleId :

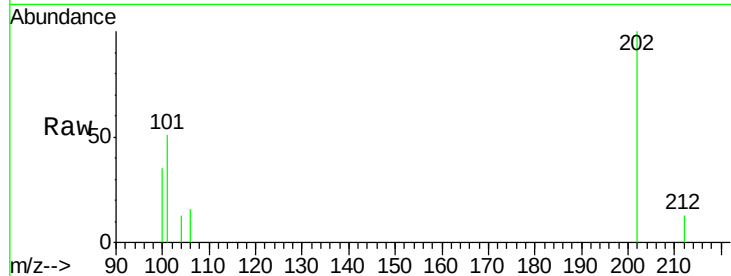
Tot Ion:202 Resp: 1671

Ion Ratio Lower Upper

202 100

101 50.6 0.0 30.3#

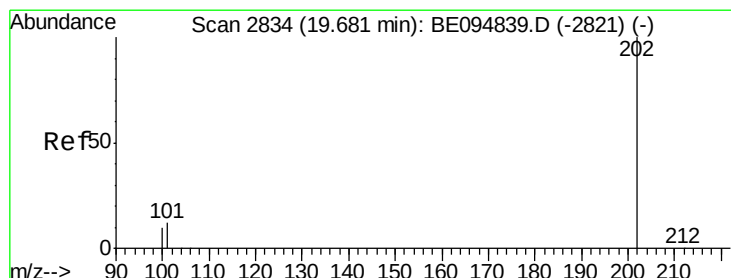
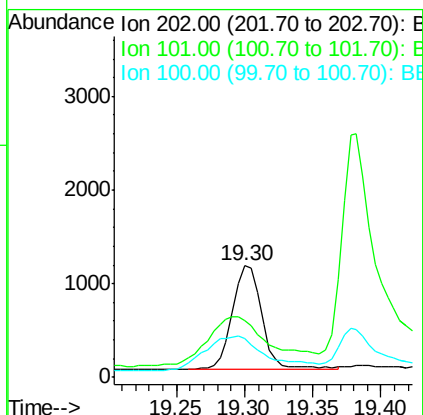
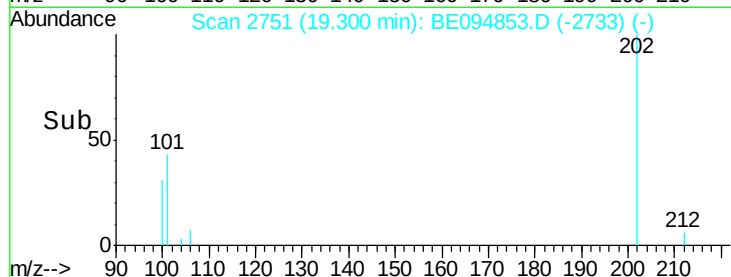
100 34.8 0.0 39.5



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: 0.05 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

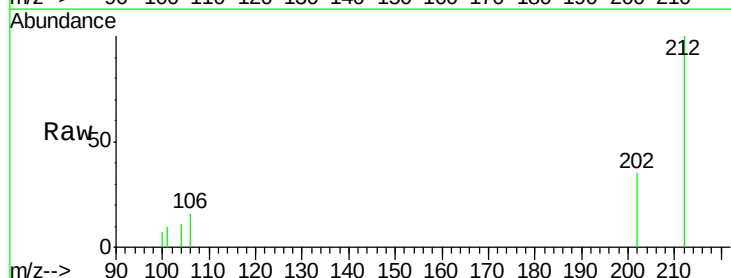
Tgt Ion:202 Resp: 1386

Ion Ratio Lower Upper

202 100

101 28.6 18.2 27.4#

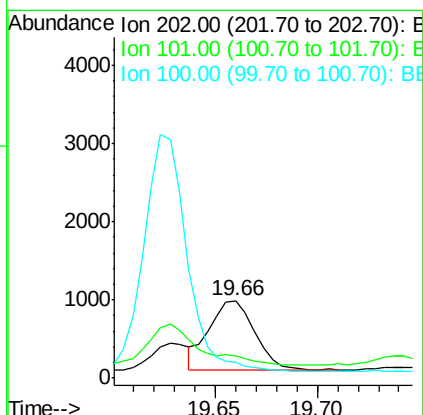
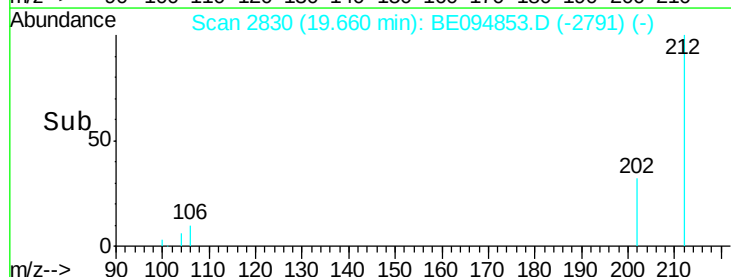
100 19.7 15.6 23.4

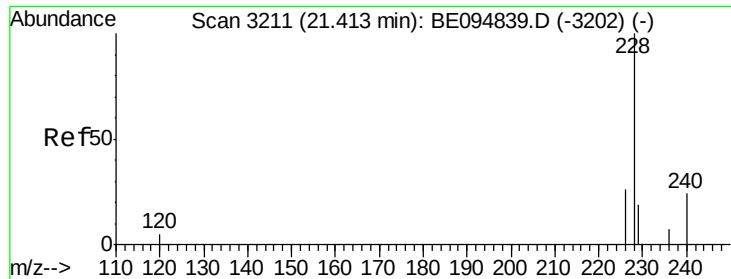


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

Instrument :

BNA_E

ClientSampleId :

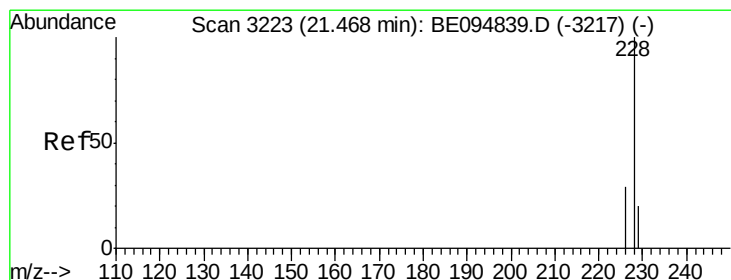
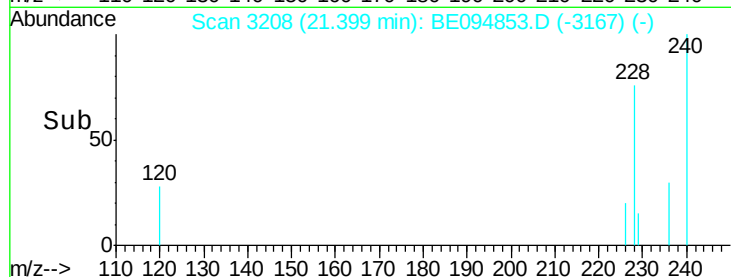
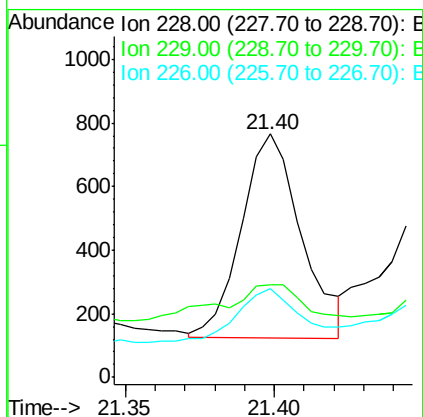
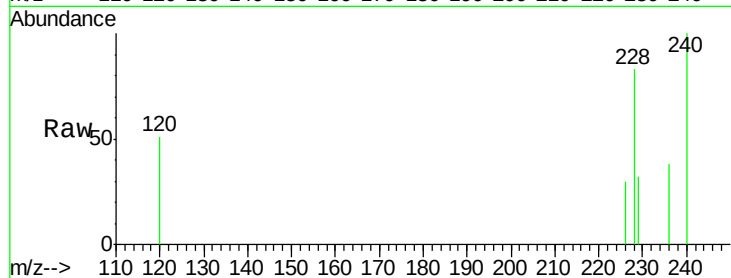
Tot Ion:228 Resp: 898

Ion Ratio Lower Upper

228 100

229 38.1 22.8 34.2#

226 36.4 17.0 25.6#



#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

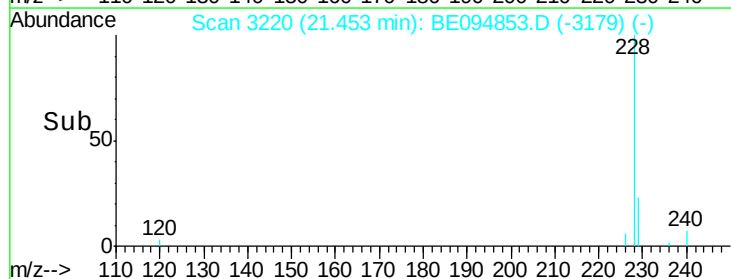
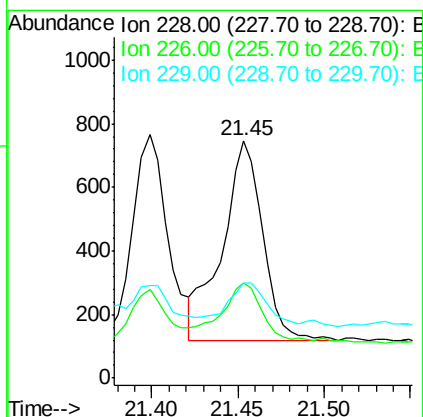
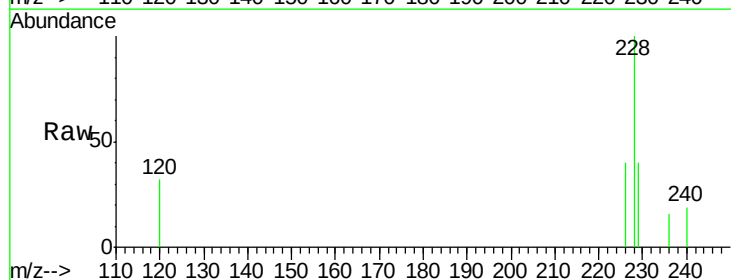
Tgt Ion:228 Resp: 1026

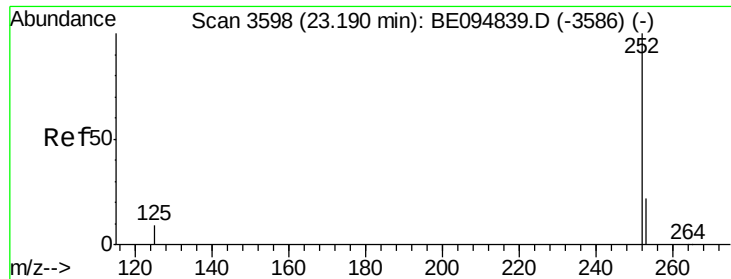
Ion Ratio Lower Upper

228 100

226 39.9 23.4 35.0#

229 40.0 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

Instrument :

BNA_E

ClientSampleId :

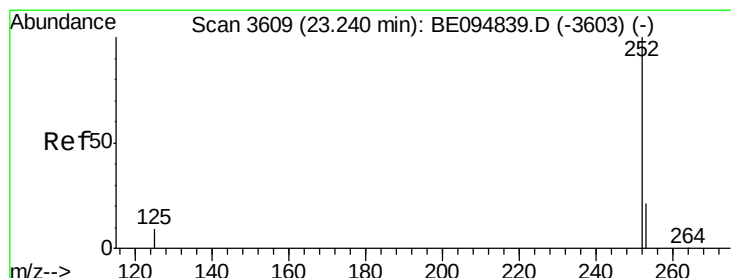
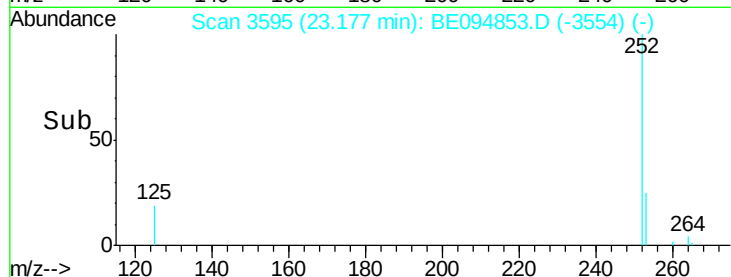
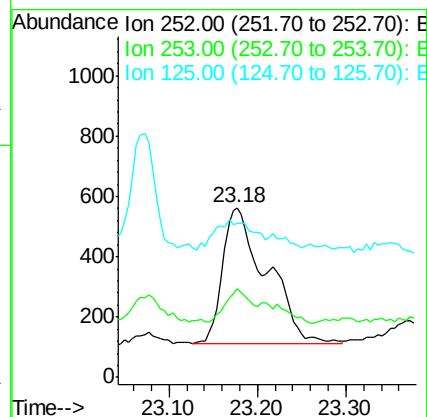
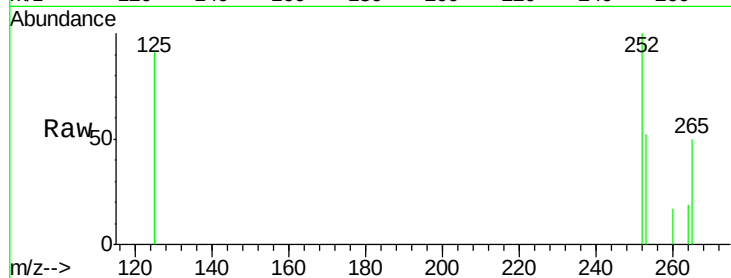
Tot Ion:252 Resp: 1555

Ion Ratio Lower Upper

252 100

253 52.0 0.0 64.2

125 90.6 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.06 min

Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

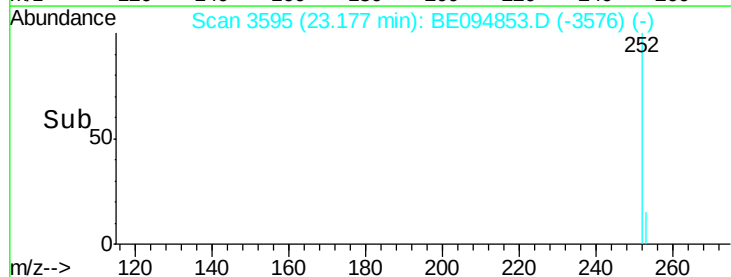
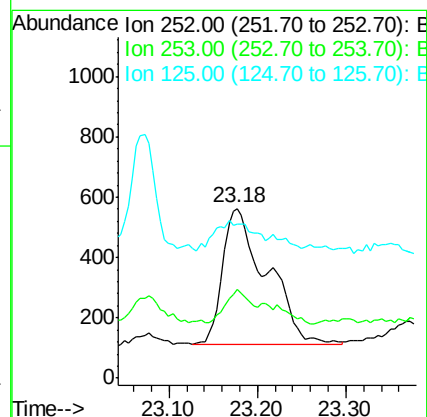
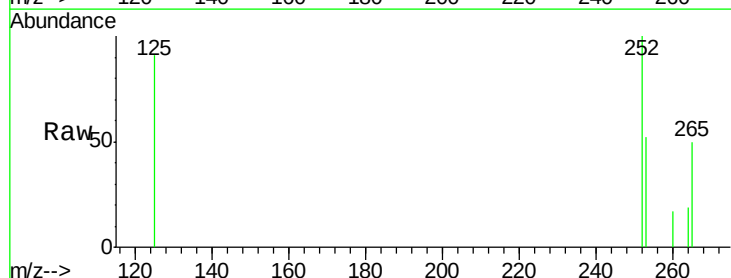
Tgt Ion:252 Resp: 1555

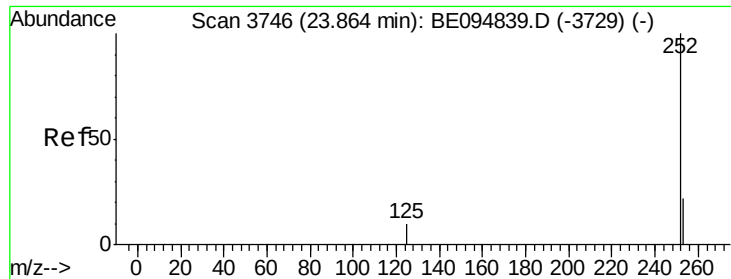
Ion Ratio Lower Upper

252 100

253 52.0 24.5 36.7#

125 90.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.04 min

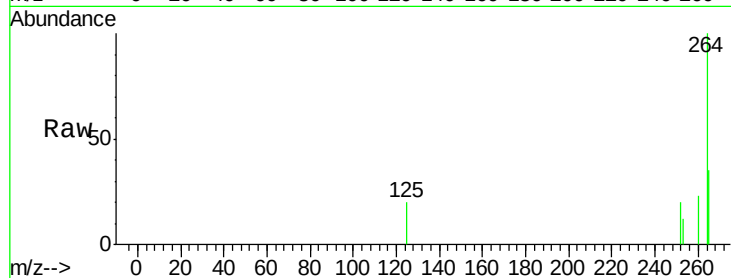
Lab File: BE094853.D

Acq: 23 Nov 2017 3:45

Instrument :

BNA_E

ClientSampleId :



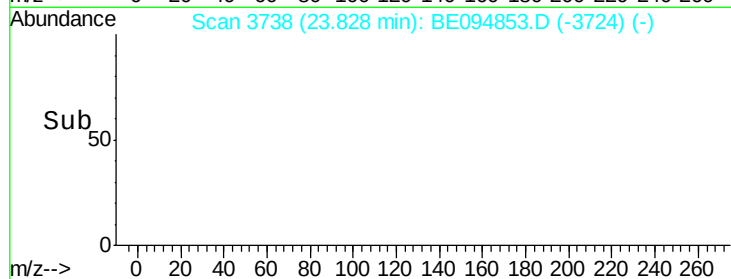
Tot Ion: 252 Resp: 661

Ion Ratio Lower Upper

252 100

253 61.0 28.5 42.7#

125 100.0 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

Time-->

23.80 23.85 23.90

23.83

23.83

23.83

23.83

23.83

23.83

23.83

23.83

23.83

23.83

23.83