

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094850.D
 Acq On : 23 Nov 2017 2:01
 Operator : SJ/JU
 Sample : I6496-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 02:52:56 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

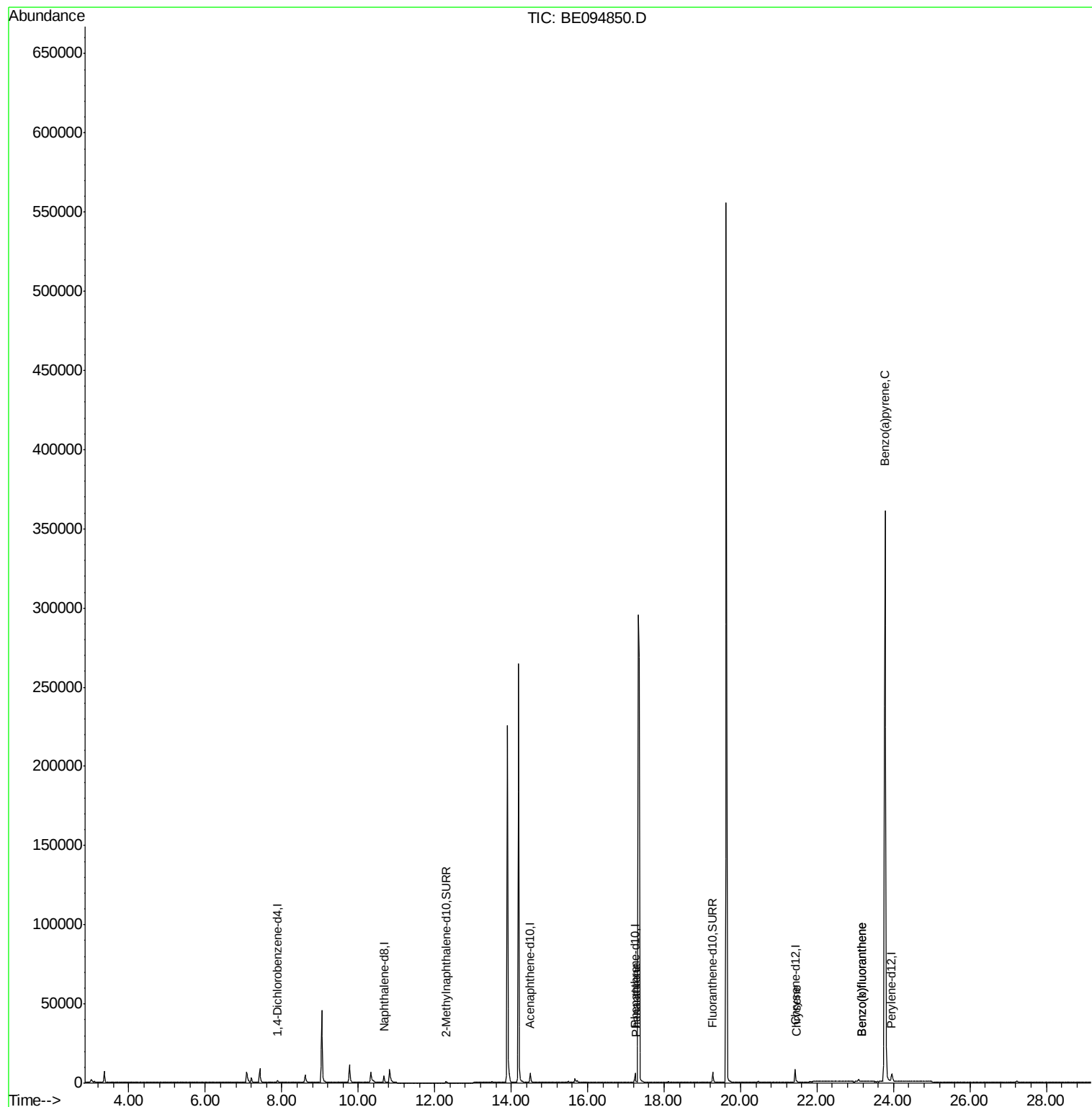
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	745	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4998	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3448	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8073	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8651	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9772	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1869	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7201	0.26	ng/ul	-0.01
Target Compounds						
12) Phenanthrene	17.27	178	580	0.03	ng/ul#	81
19) Chrysene	21.47	228	640	0.02	ng/ul#	55
21) Benzo(b)fluoranthene	23.18	252	976	0.03	ng/ul#	34
22) Benzo(k)fluoranthene	23.18	252	971	0.03	ng/ul#	31
23) Benzo(a)pyrene	23.78	252	978	0.03	ng/ul#	76

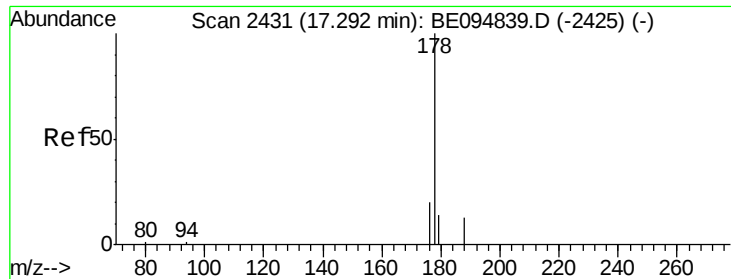
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094850.D

Acq: 23 Nov 2017 2:01

Instrument :

BNA_E

ClientSampleId :

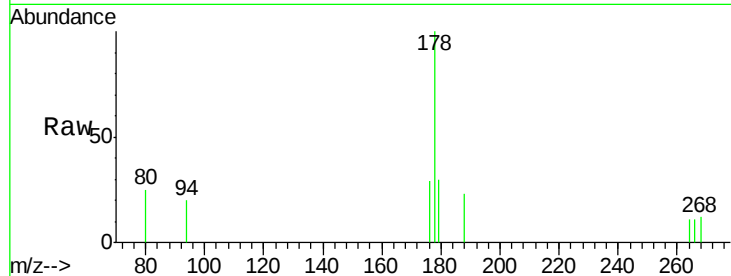
Tot Ion:178 Resp: 580

Ion Ratio Lower Upper

178 100

179 29.6 18.4 27.6#

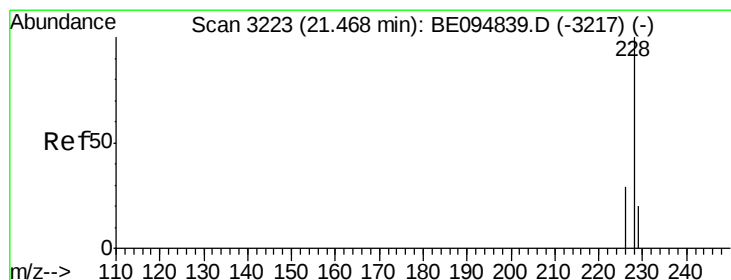
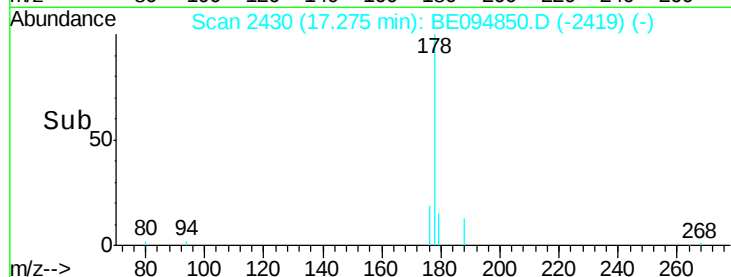
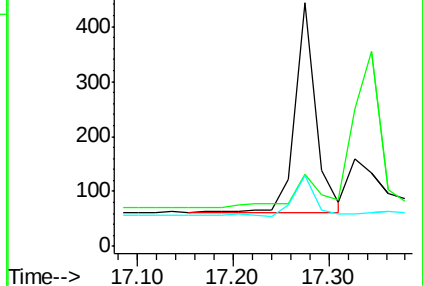
176 28.9 13.6 20.4#



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



#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094850.D

Acq: 23 Nov 2017 2:01

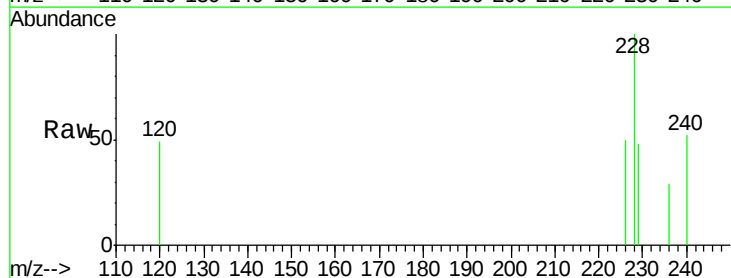
Tgt Ion:228 Resp: 640

Ion Ratio Lower Upper

228 100

226 49.9 23.4 35.0#

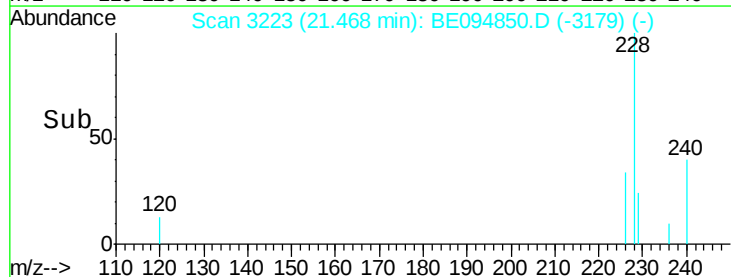
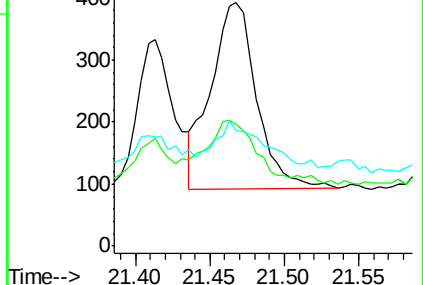
229 47.6 17.7 26.5#

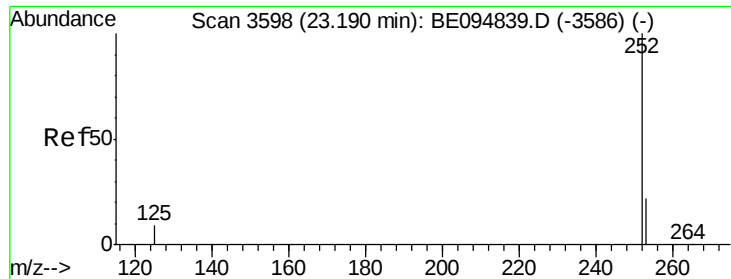


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094850.D

Acq: 23 Nov 2017 2:01

Instrument :

BNA_E

ClientSampleId :

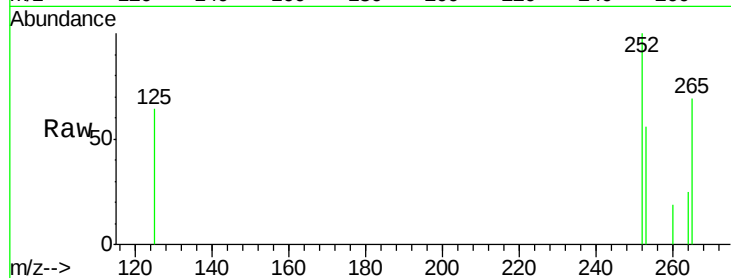
Tot Ion:252 Resp: 976

Ion Ratio Lower Upper

252 100

253 56.3 0.0 64.2

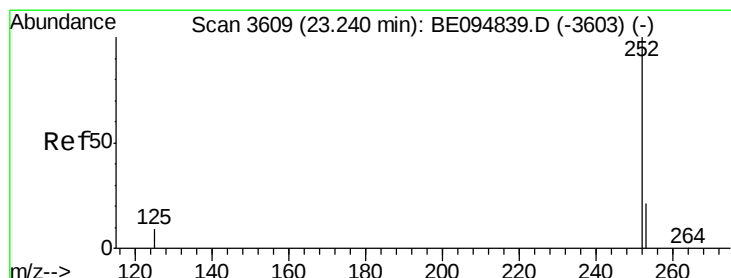
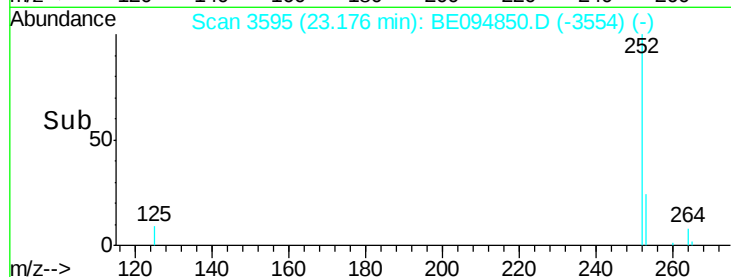
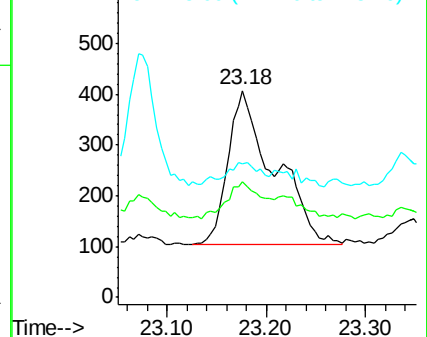
125 64.4 0.0 35.0#



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: 0.03 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.06 min

Lab File: BE094850.D

Acq: 23 Nov 2017 2:01

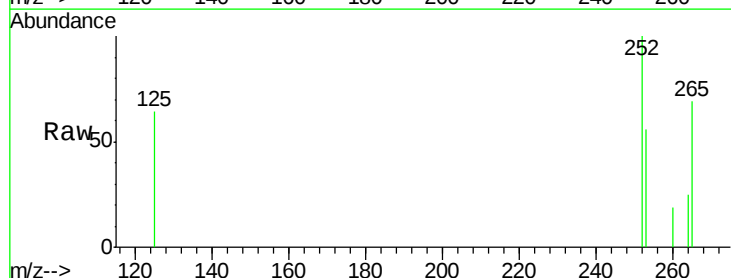
Tgt Ion:252 Resp: 971

Ion Ratio Lower Upper

252 100

253 56.3 24.5 36.7#

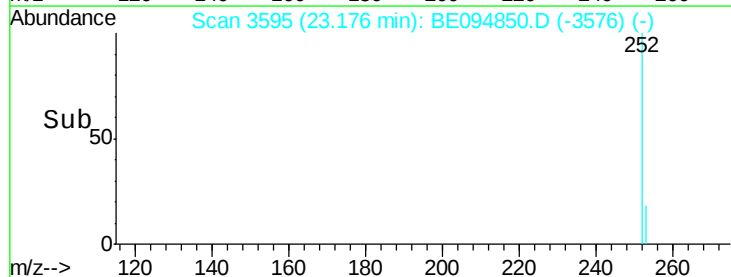
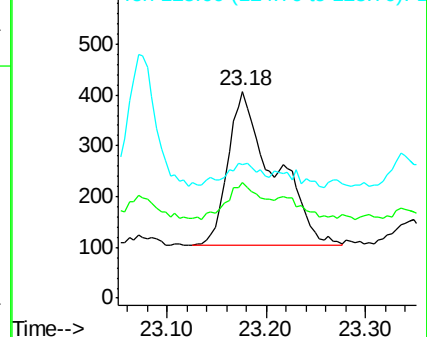
125 64.4 13.7 20.5#

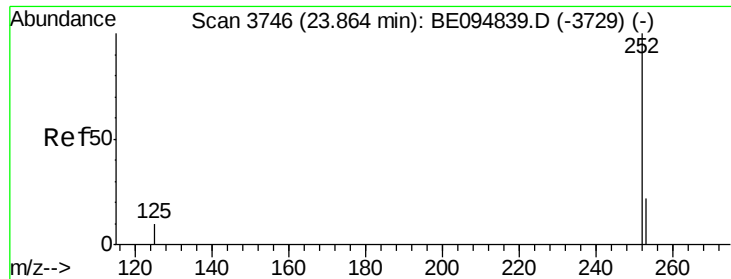


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.78 min Scan# 3727

Delta R.T. -0.09 min

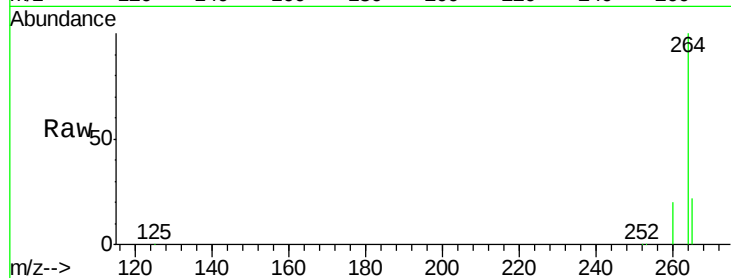
Lab File: BE094850.D

Acq: 23 Nov 2017 2:01

Instrument :

BNA_E

ClientSampleId :



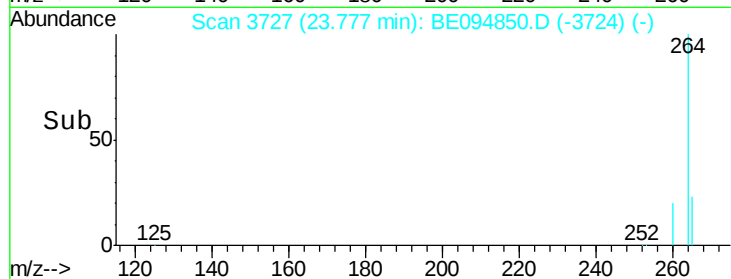
Tot Ion: 252 Resp: 978

Ion Ratio Lower Upper

252 100

253 43.6 28.5 42.7#

125 41.9 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

