

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094621.D
 Acq On : 28 Oct 2017 14:03
 Operator : SJ/JU
 Sample : I5842-04DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA4DL

Quant Time: Oct 30 02:58:09 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

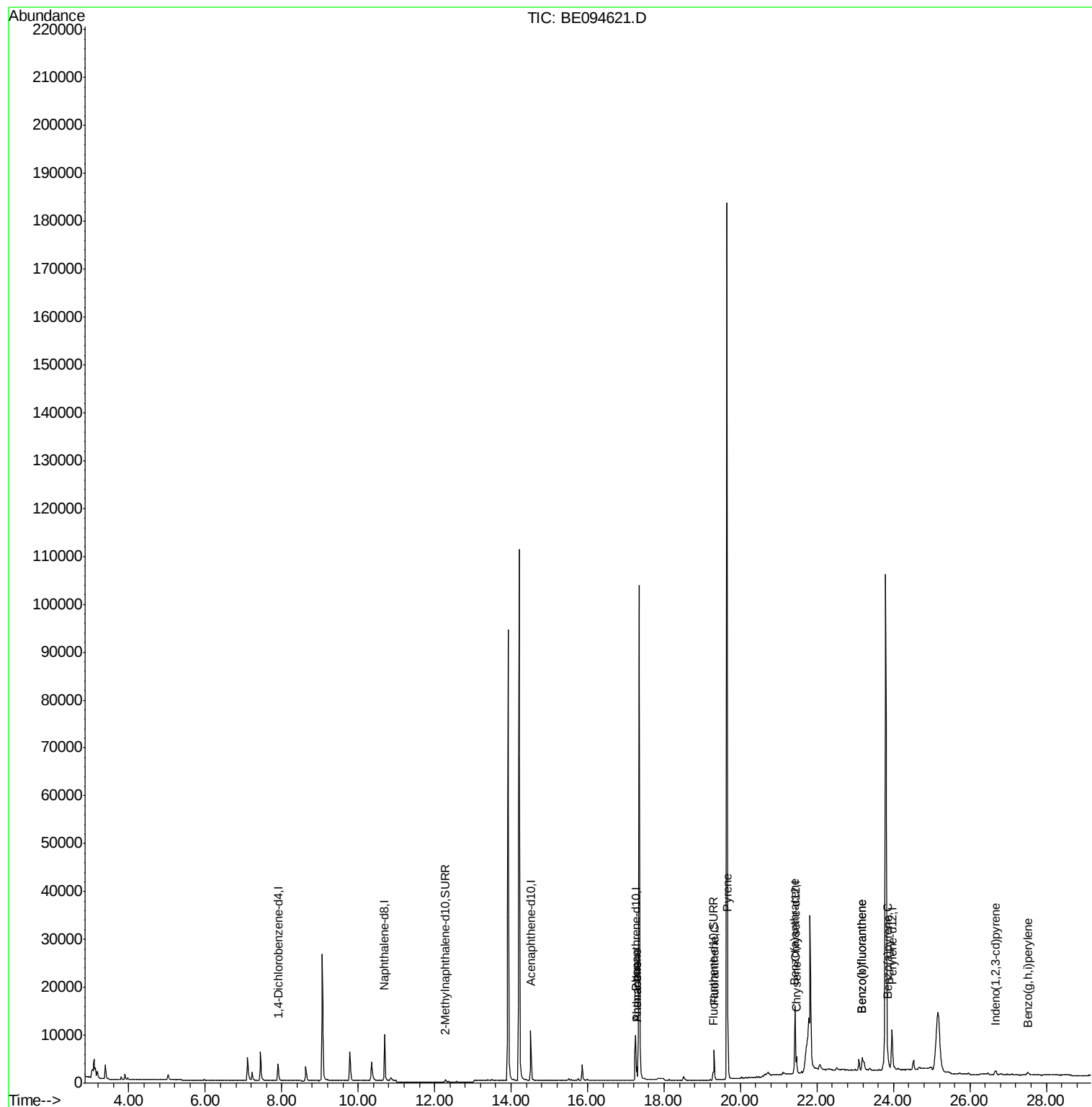
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1958	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	11281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6228	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13494	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	13225	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13926	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	983	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2418	0.06	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	3108	0.087	ng/ul#	91
13) Anthracene	17.29	178	3069	0.087	ng/ul	93
15) Fluoranthene	19.31	202	7405	0.180	ng/ul	84
17) Pyrene	19.67	202	6742	0.165	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	2889	0.076	ng/ul#	77
19) Chrysene	21.47	228	3869	0.099	ng/ul#	76
21) Benzo(b)fluoranthene	23.19	252	6799	0.174	ng/ul#	65
22) Benzo(k)fluoranthene	23.19	252	6720	0.160	ng/ul#	62
23) Benzo(a)pyrene	23.85	252	2796	0.071	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	26.67	276	2099	0.052	ng/ul#	73
26) Benzo(g,h,i)perylene	27.51	276	1666	0.051	ng/ul#	22

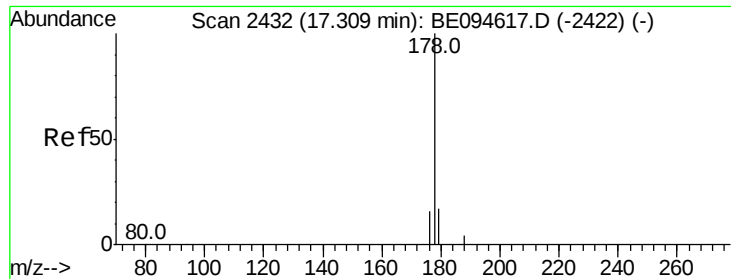
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.087 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_E

ClientSampleId :

C0AA4DL

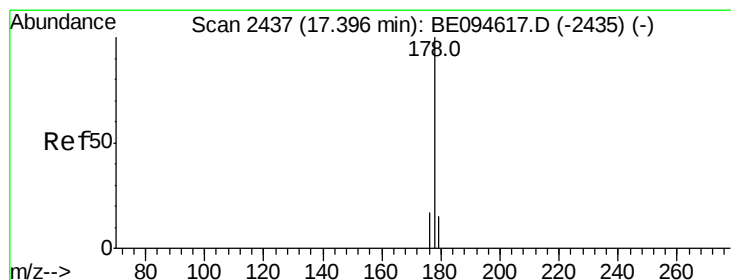
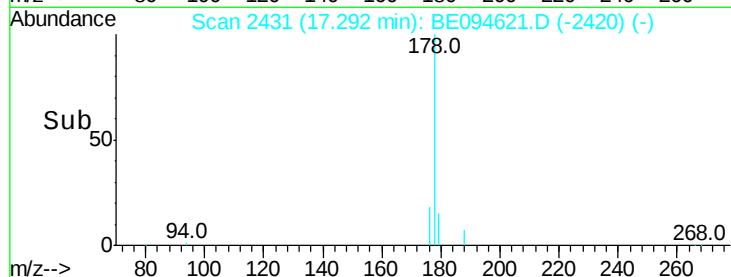
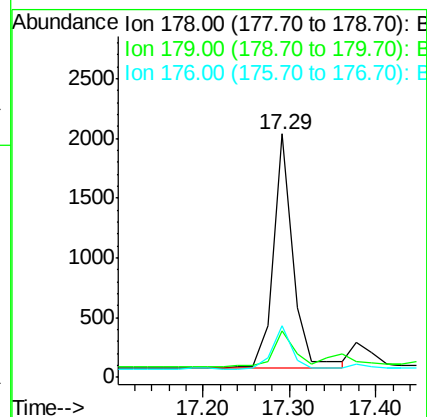
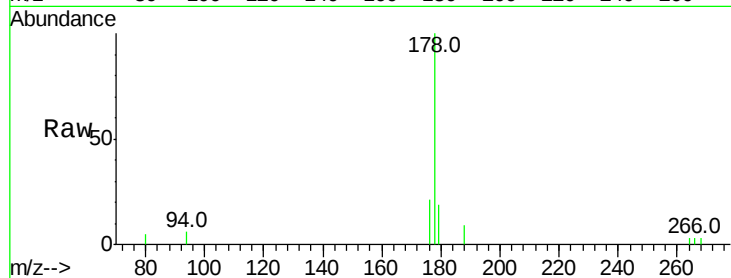
Tot Ion:178 Resp: 3108

Ion Ratio Lower Upper

178 100

179 19.0 18.4 27.6

176 21.0 13.6 20.4#



#13

Anthracene

Concen: 0.087 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.10 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

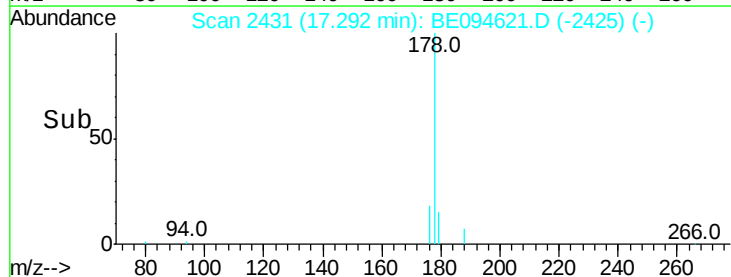
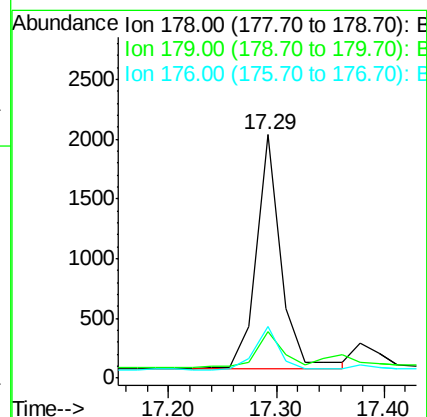
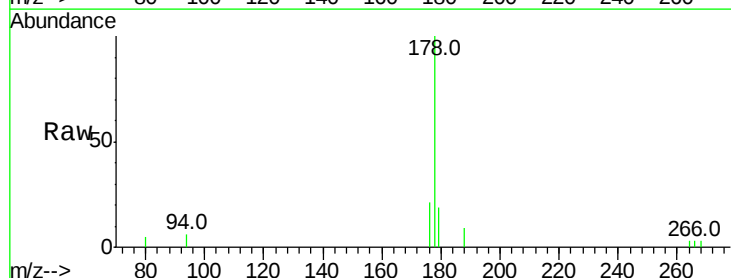
Tgt Ion:178 Resp: 3069

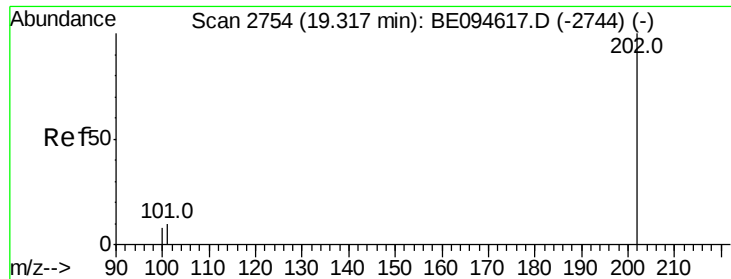
Ion Ratio Lower Upper

178 100

179 19.0 18.1 27.1

176 21.0 14.7 22.1





#15

Fluoranthene

Concen: 0.180 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_E

ClientSampleId :

C0AA4DL

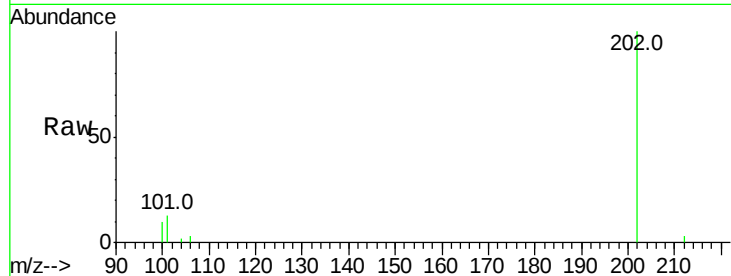
Tot Ion:202 Resp: 7405

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.3

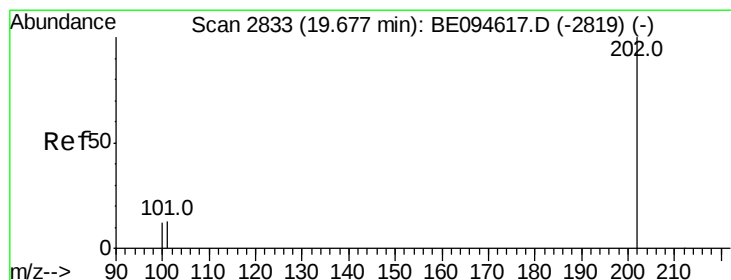
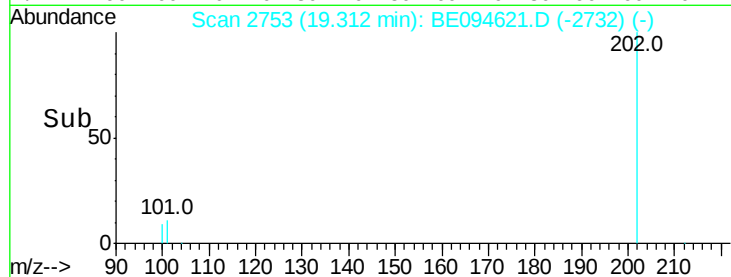
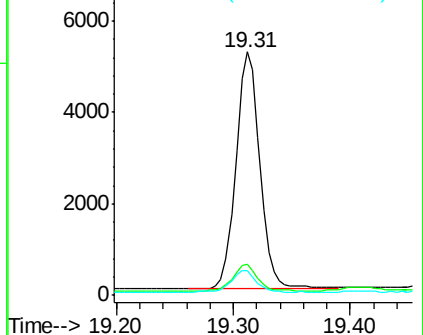
100 10.2 0.0 39.5



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: 0.165 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

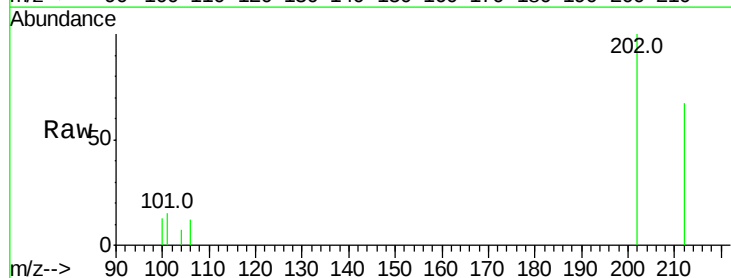
Tgt Ion:202 Resp: 6742

Ion Ratio Lower Upper

202 100

101 15.3 18.2 27.4#

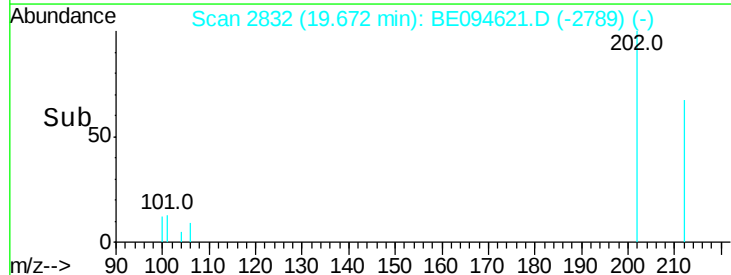
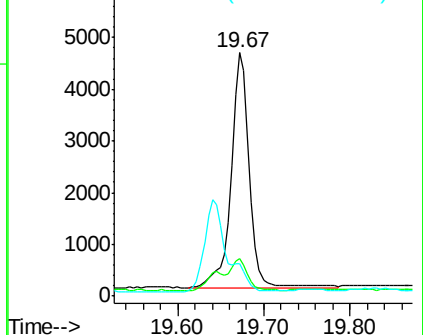
100 13.1 15.6 23.4#

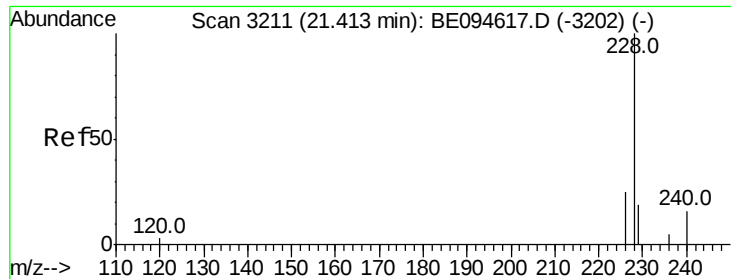


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.076 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_E

ClientSampleId :

C0AA4DL

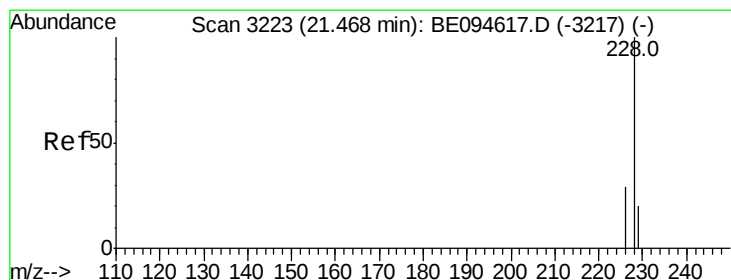
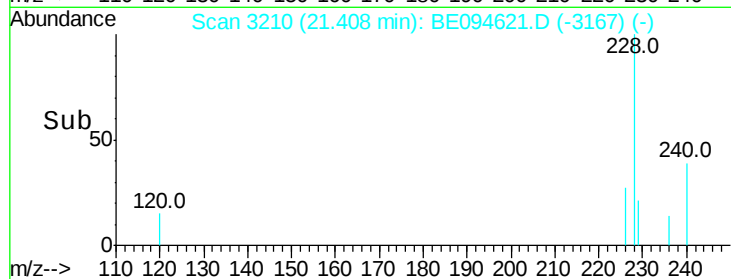
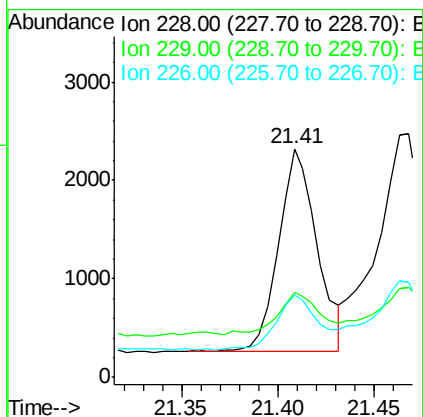
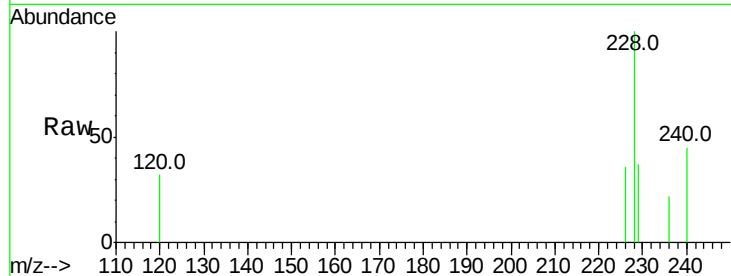
Tot Ion:228 Resp: 2889

Ion Ratio Lower Upper

228 100

229 36.9 22.8 34.2#

226 36.3 17.0 25.6#



#19

Chrysene

Concen: 0.099 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

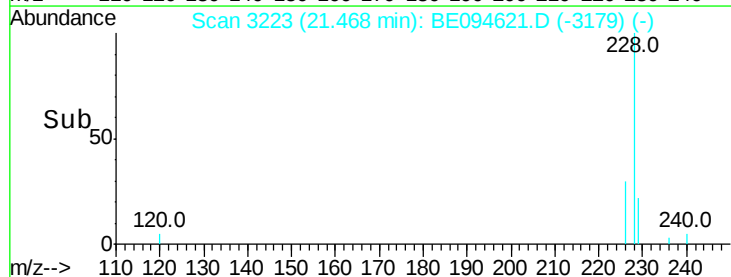
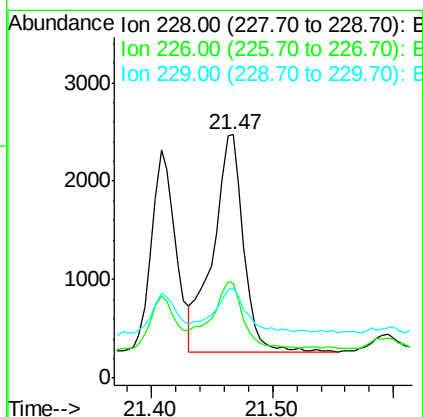
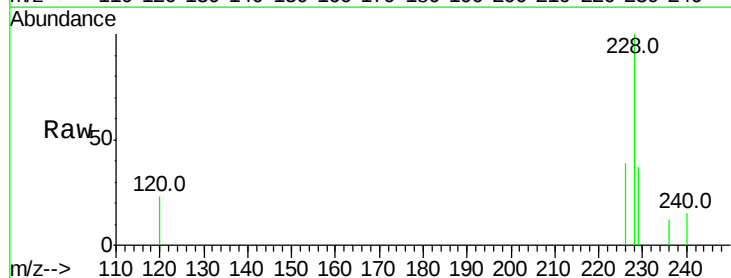
Tgt Ion:228 Resp: 3869

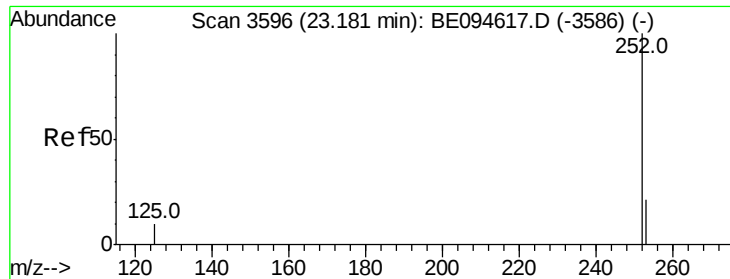
Ion Ratio Lower Upper

228 100

226 38.9 23.4 35.0#

229 36.9 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.174 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. 0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_E

ClientSampleId :

C0AA4DL

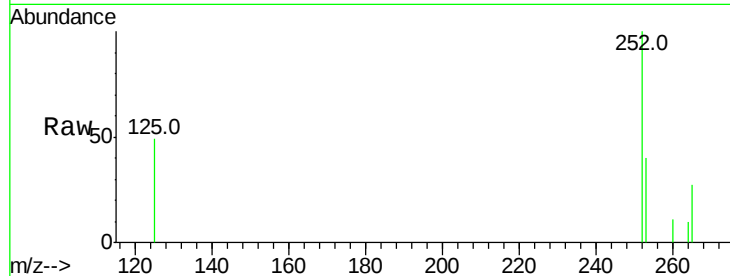
Tot Ion:252 Resp: 6799

Ion Ratio Lower Upper

252 100

253 40.3 0.0 64.2

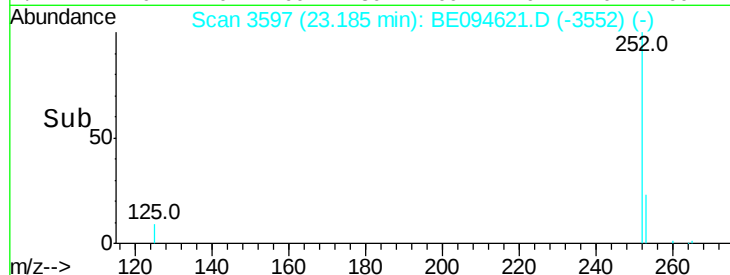
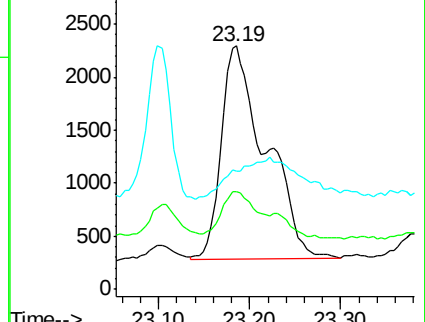
125 48.7 0.0 35.0#



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: 0.160 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

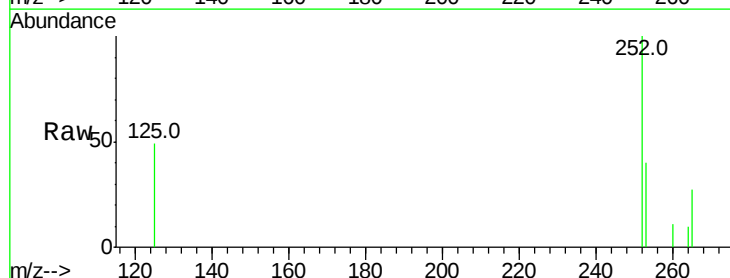
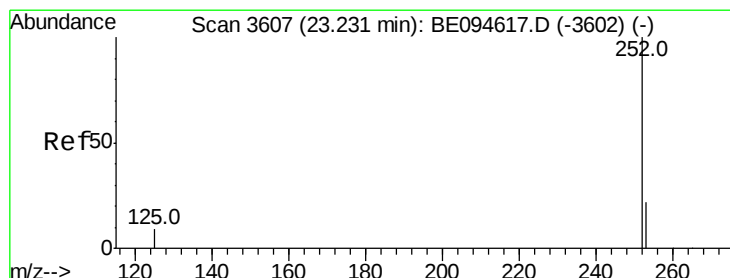
Tgt Ion:252 Resp: 6720

Ion Ratio Lower Upper

252 100

253 40.3 24.5 36.7#

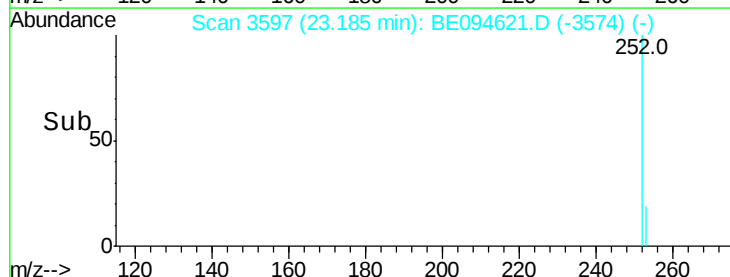
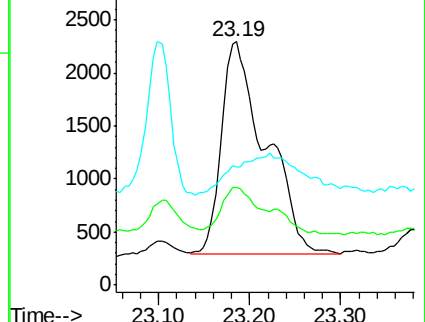
125 48.7 13.7 20.5#

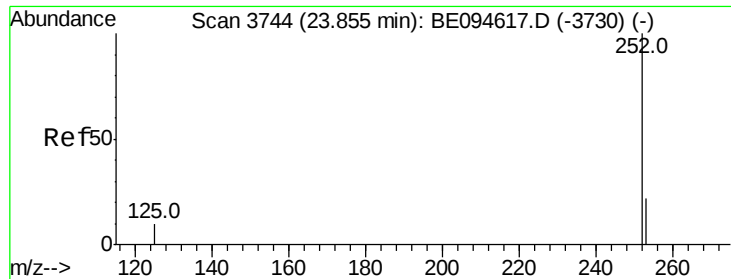


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.071 ng/u1

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_E

ClientSampleId :

C0AA4DL

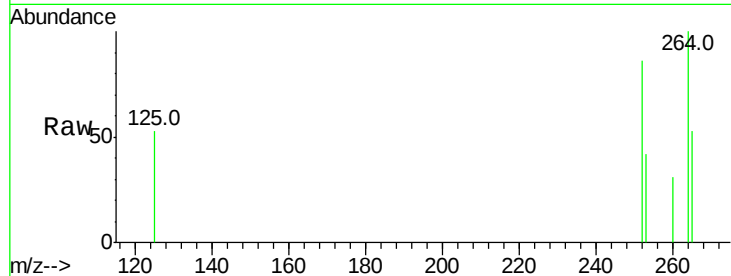
Tot Ion:252 Resp: 2796

Ion Ratio Lower Upper

252 100

253 48.7 28.5 42.7#

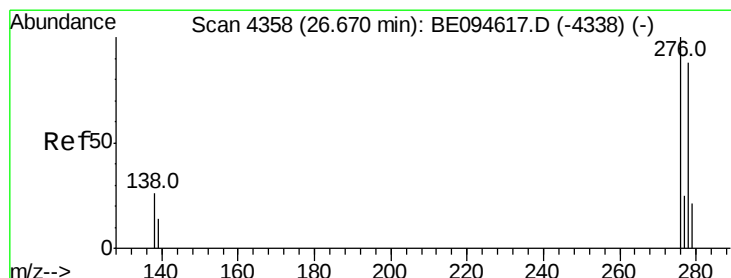
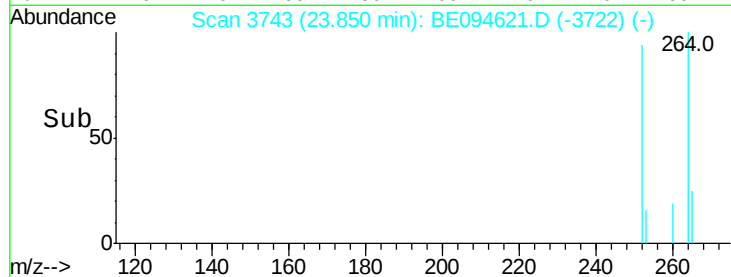
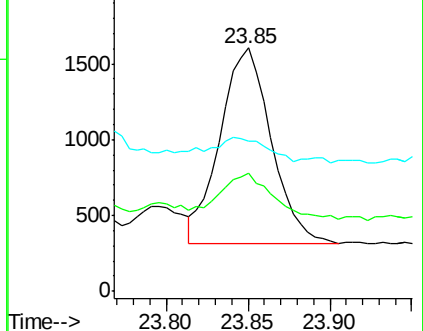
125 61.4 18.1 27.1#



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: 0.052 ng/u1

RT: 26.67 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BE094621.D

Acq: 28 Oct 2017 14:03

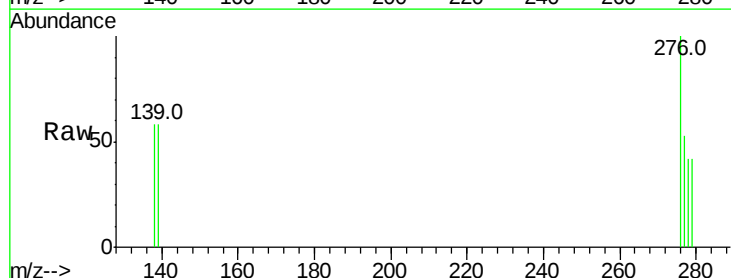
Tgt Ion:276 Resp: 2099

Ion Ratio Lower Upper

276 100

138 19.4 28.0 42.0#

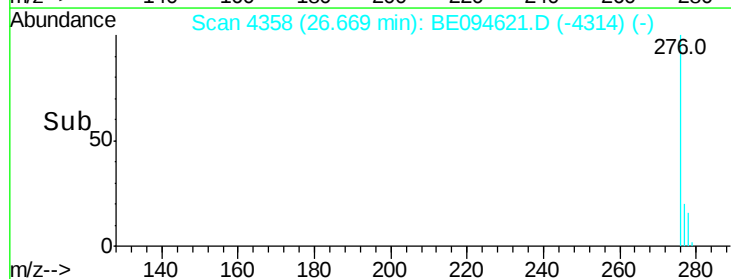
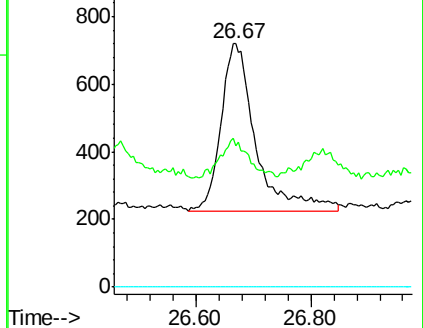
227 0.0 8.0 12.0#

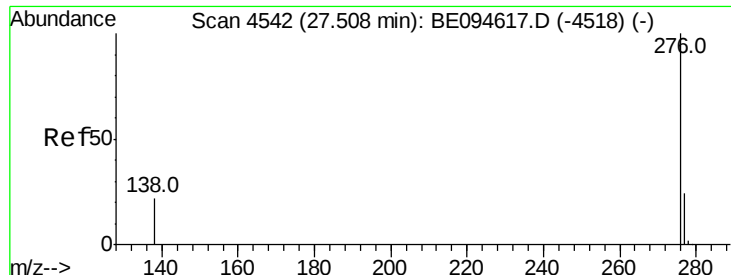


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.051 ng/ul

RT: 27.51 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BE094621.D

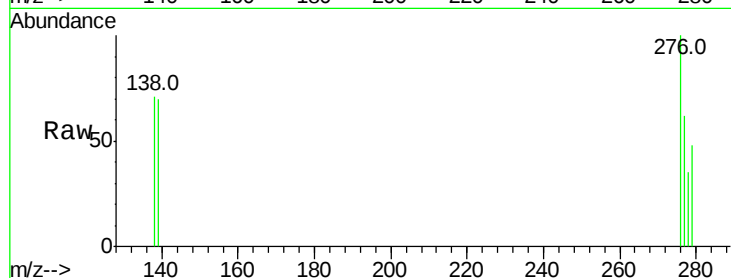
Acq: 28 Oct 2017 14:03

Instrument :

BNA_E

ClientSampleId :

C0AA4DL



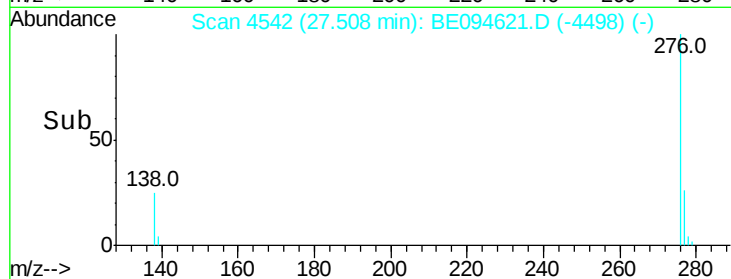
Tot Ion:276 Resp: 1666

Ion Ratio Lower Upper

276 100

138 70.9 21.8 32.8#

277 61.5 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

