

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094625.D
 Acq On : 28 Oct 2017 16:29
 Operator : SJ/JU
 Sample : I5842-02DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

Quant Time: Oct 30 02:58:52 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

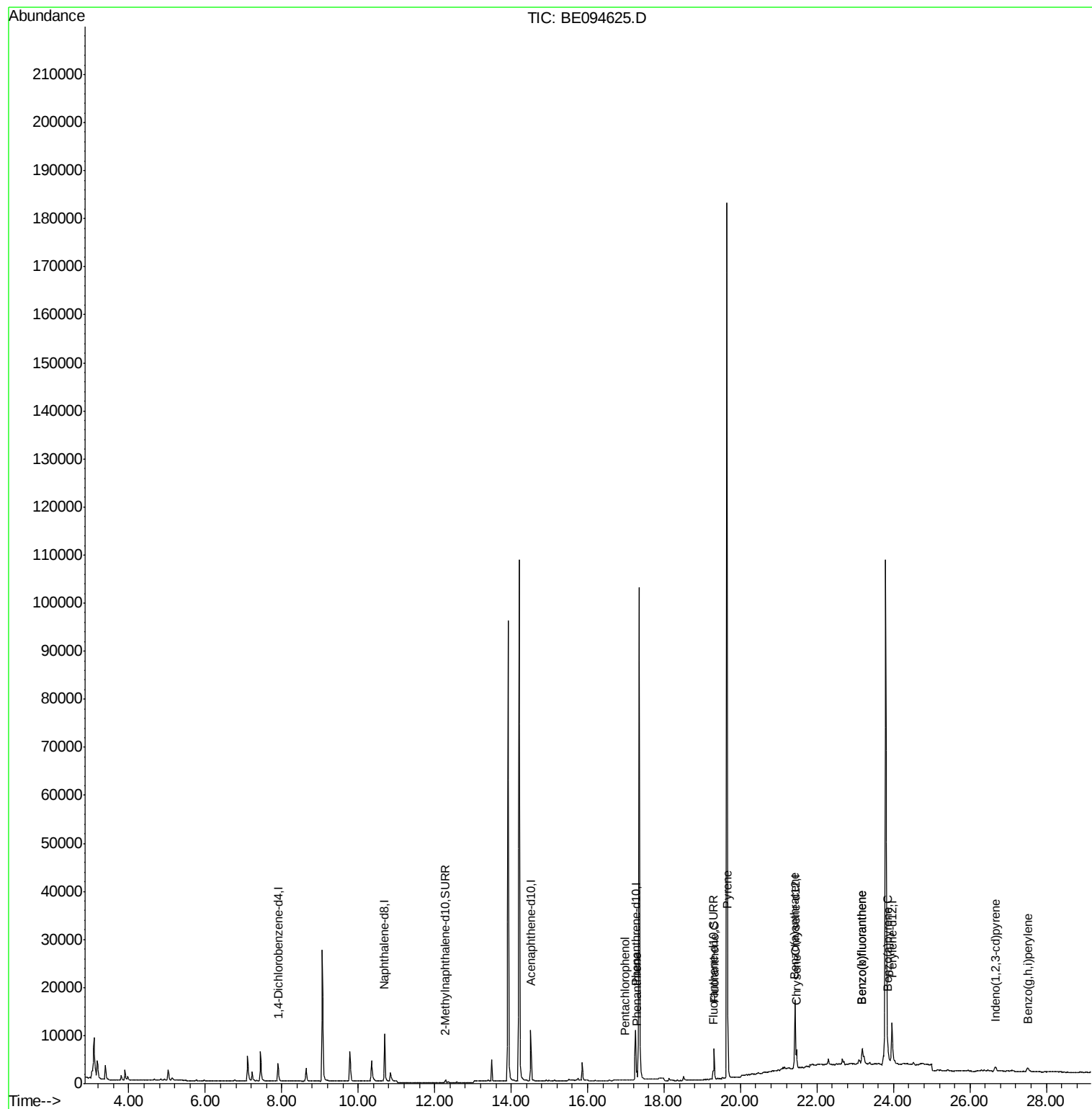
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2008	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	11524	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14200	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	14076	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14786	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	977	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2401	0.06	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.98	266	15	0.021	ng/ul#	20
12) Phenanthrene	17.29	178	2167	0.058	ng/ul#	93
15) Fluoranthene	19.31	202	7195	0.166	ng/ul	83
17) Pyrene	19.67	202	6288	0.145	ng/ul#	86
18) Benzo(a)anthracene	21.41	228	2704	0.067	ng/ul#	59
19) Chrysene	21.46	228	4267	0.103	ng/ul#	64
21) Benzo(b)fluoranthene	23.18	252	7870	0.189	ng/ul#	59
22) Benzo(k)fluoranthene	23.18	252	7818	0.175	ng/ul#	56
23) Benzo(a)pyrene	23.85	252	3014	0.072	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	26.66	276	2101	0.049	ng/ul#	76
26) Benzo(g,h,i)perylene	27.51	276	1887	0.055	ng/ul#	26

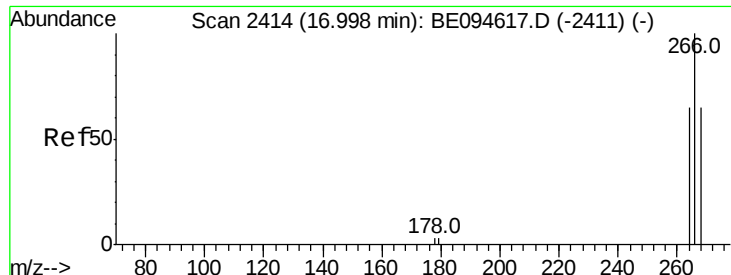
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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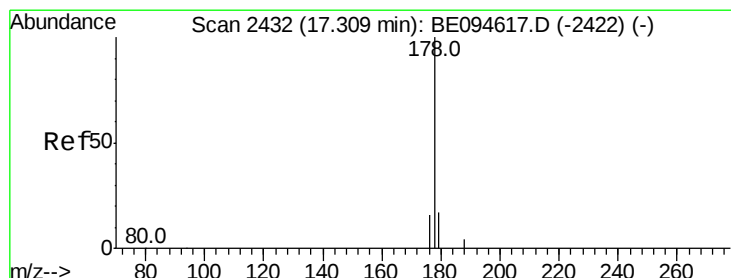
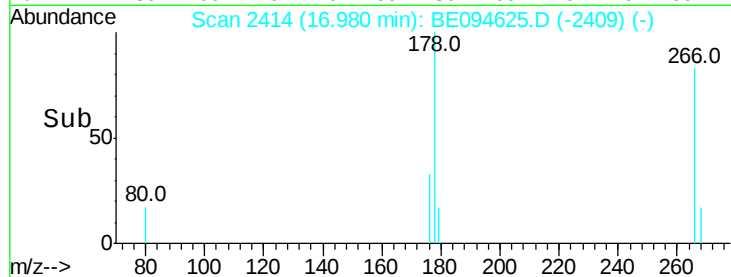
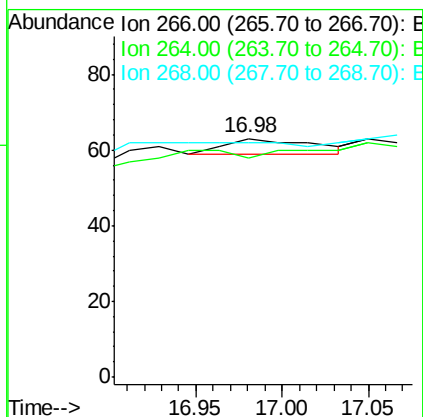
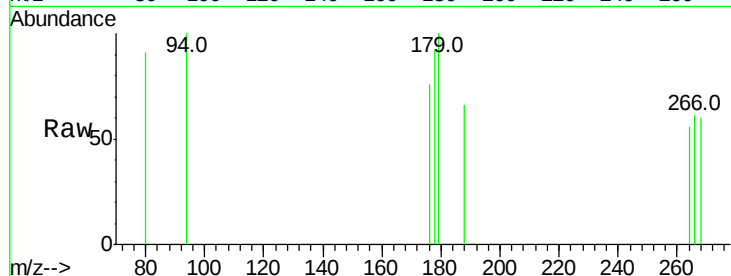




#11
 Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 16.98 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BE094625.D
 Acq: 28 Oct 2017 16:29

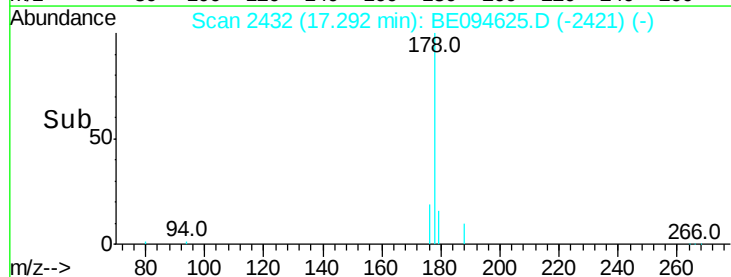
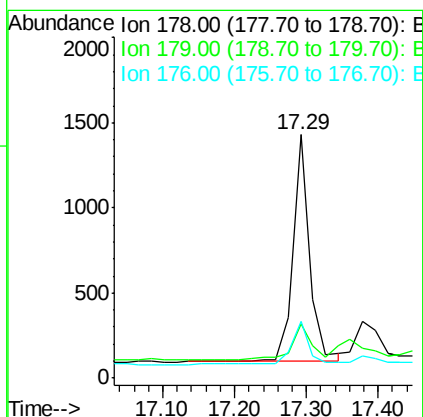
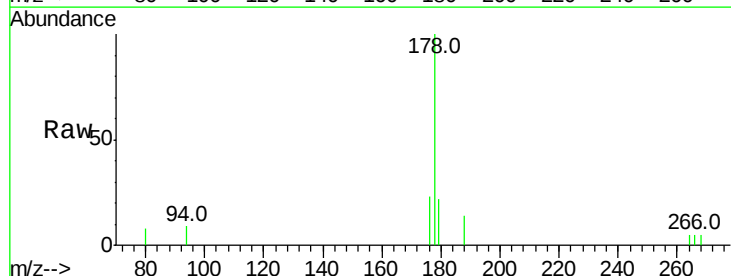
Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

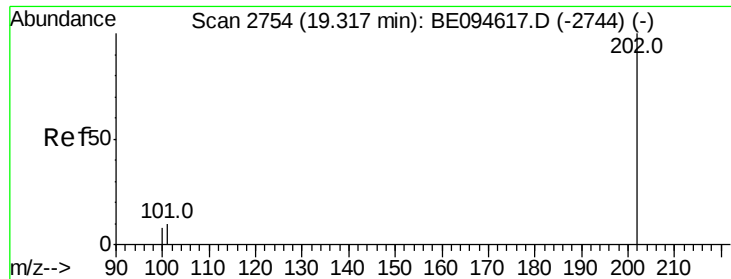
Tot Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 0.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.058 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BE094625.D
 Acq: 28 Oct 2017 16:29

Tgt Ion:178 Resp: 2167
 Ion Ratio Lower Upper
 178 100
 179 22.1 18.4 27.6
 176 23.5 13.6 20.4#





#15

Fluoranthene

Concen: 0.166 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

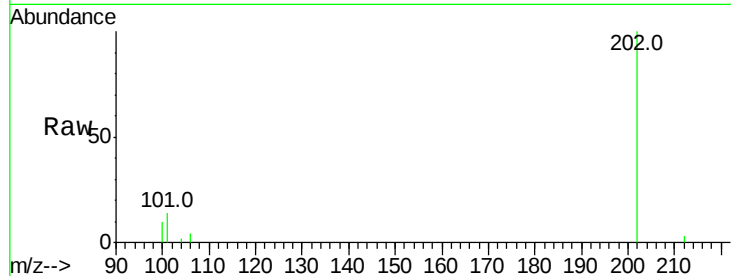
Tot Ion:202 Resp: 7195

Ion Ratio Lower Upper

202 100

101 13.9 0.0 30.3

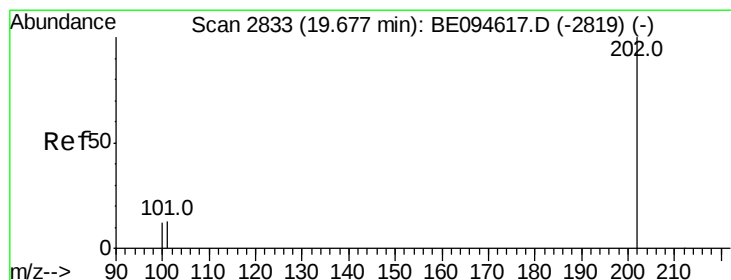
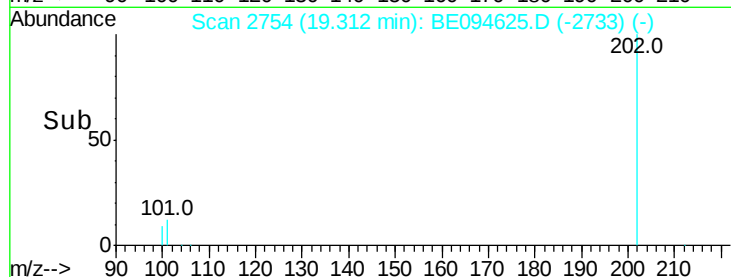
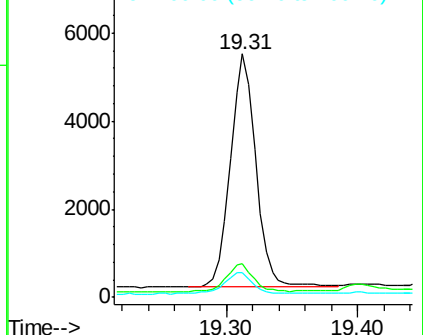
100 10.3 0.0 39.5



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: 0.145 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

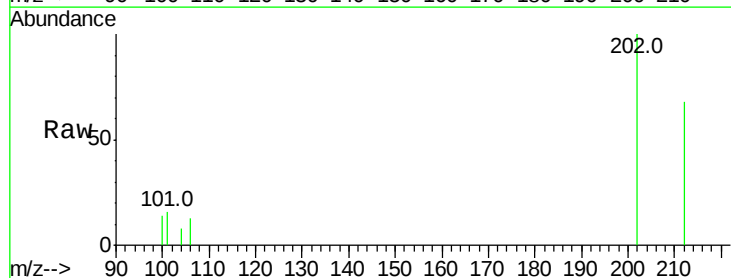
Tgt Ion:202 Resp: 6288

Ion Ratio Lower Upper

202 100

101 15.7 18.2 27.4#

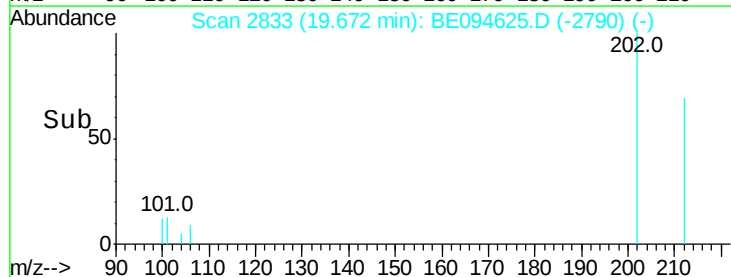
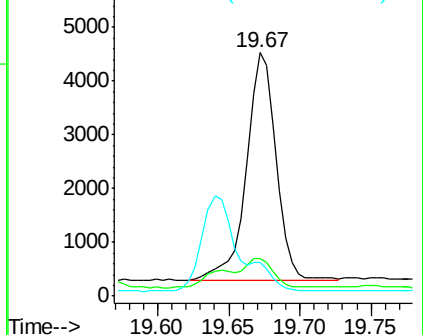
100 13.7 15.6 23.4#

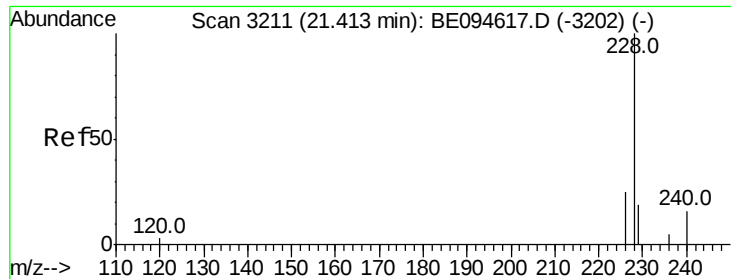


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.067 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

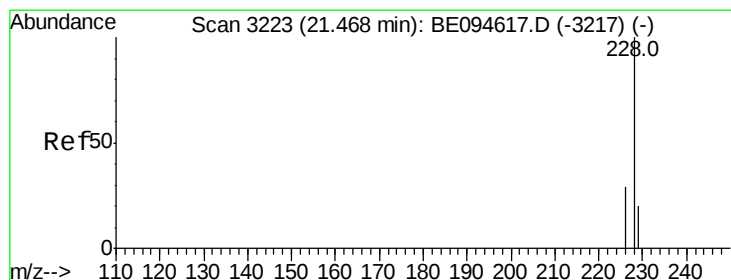
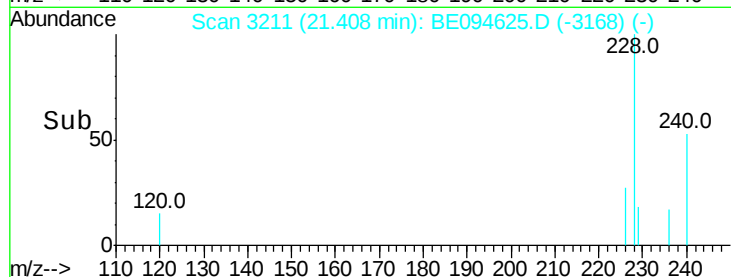
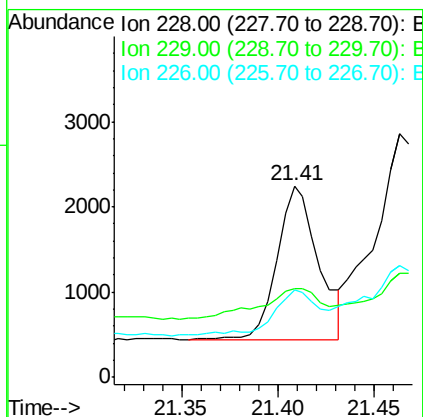
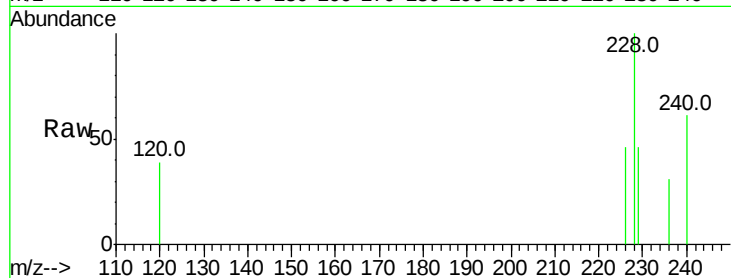
Tot Ion:228 Resp: 2704

Ion Ratio Lower Upper

228 100

229 46.2 22.8 34.2#

226 45.5 17.0 25.6#



#19

Chrysene

Concen: 0.103 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

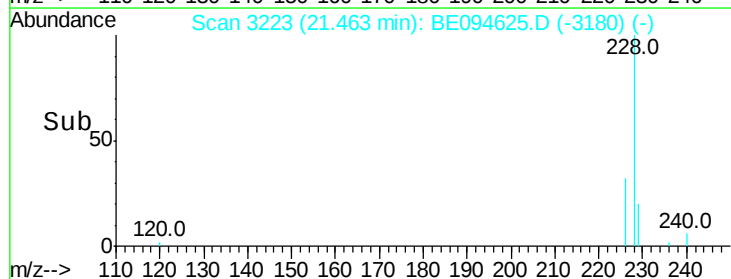
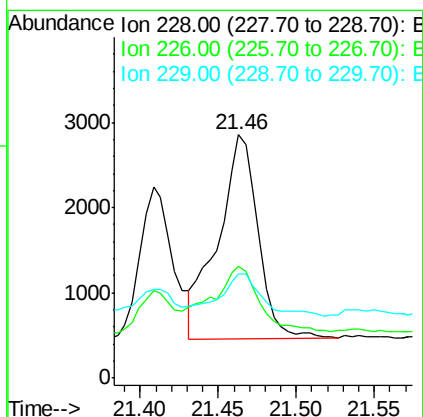
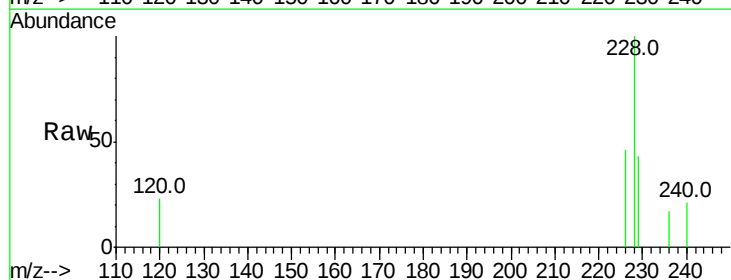
Tgt Ion:228 Resp: 4267

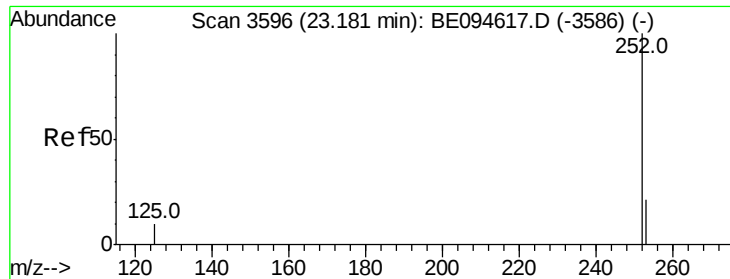
Ion Ratio Lower Upper

228 100

226 46.0 23.4 35.0#

229 42.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.189 ng/ul

RT: 23.18 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

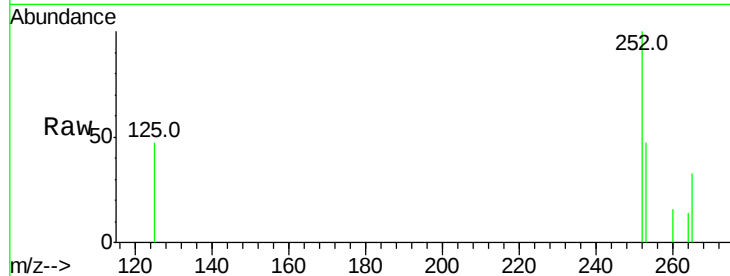
Tot Ion:252 Resp: 7870

Ion Ratio Lower Upper

252 100

253 47.3 0.0 64.2

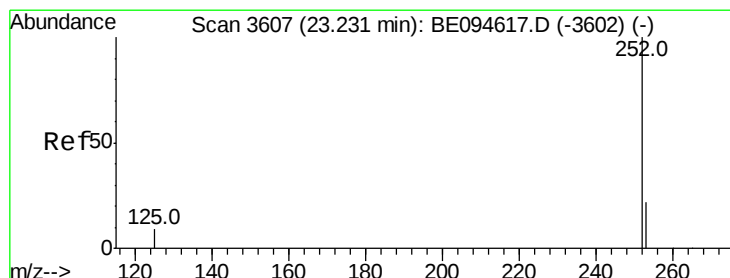
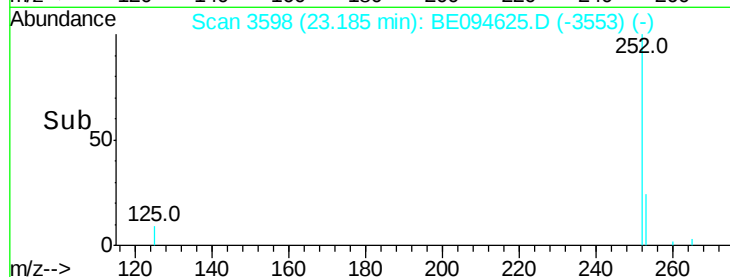
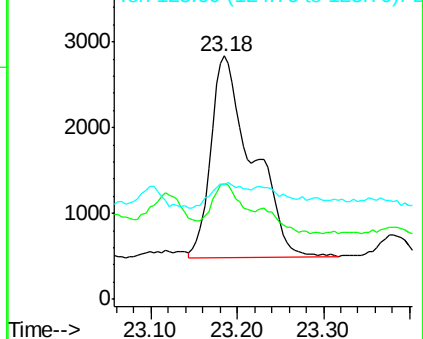
125 46.9 0.0 35.0#



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: 0.175 ng/ul

RT: 23.18 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

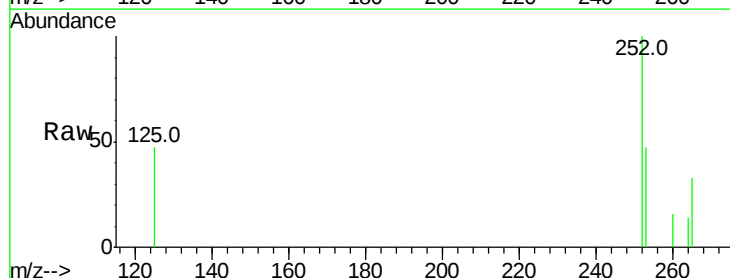
Tgt Ion:252 Resp: 7818

Ion Ratio Lower Upper

252 100

253 47.3 24.5 36.7#

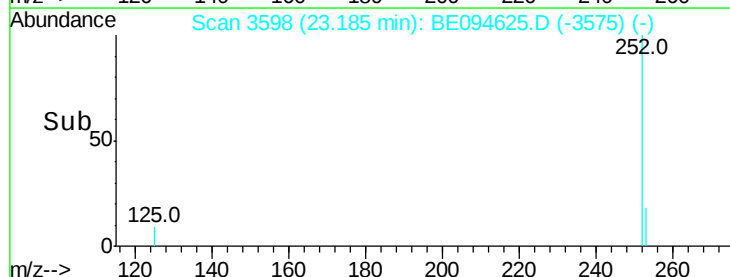
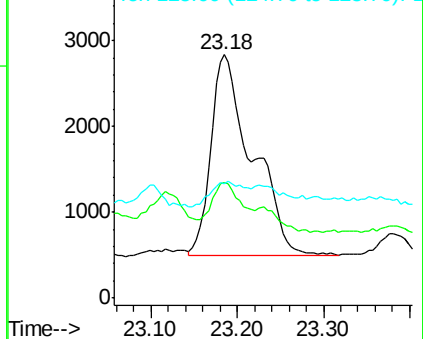
125 46.9 13.7 20.5#

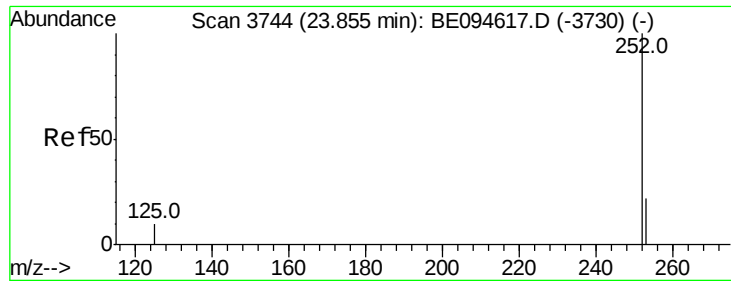


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.072 ng/u1

RT: 23.85 min Scan# 3744

Delta R.T. -0.01 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

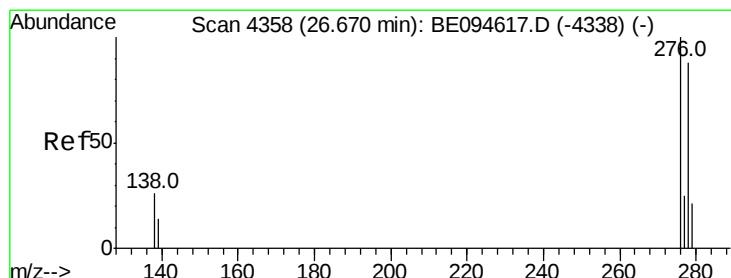
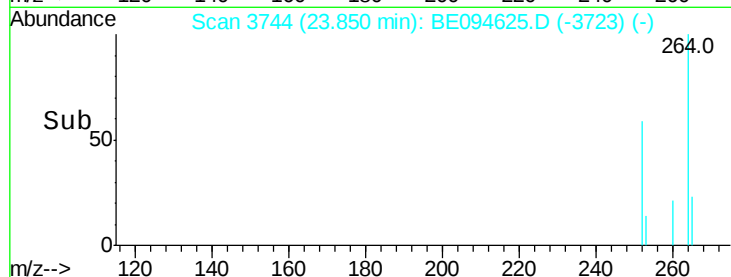
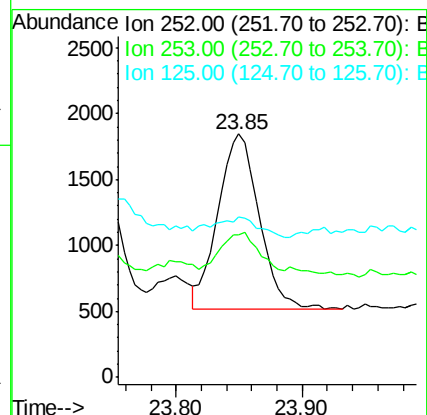
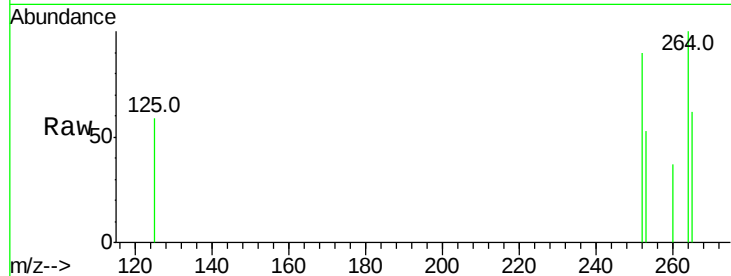
Tot Ion:252 Resp: 3014

Ion Ratio Lower Upper

252 100

253 58.8 28.5 42.7#

125 65.7 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.049 ng/u1

RT: 26.66 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BE094625.D

Acq: 28 Oct 2017 16:29

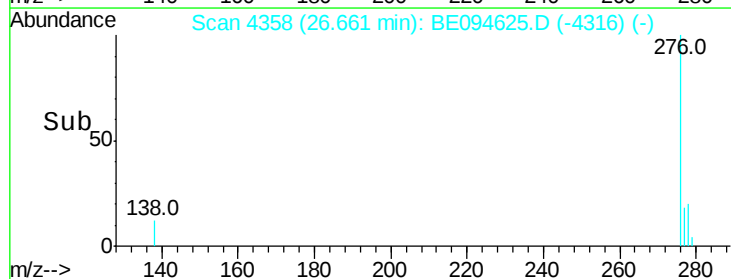
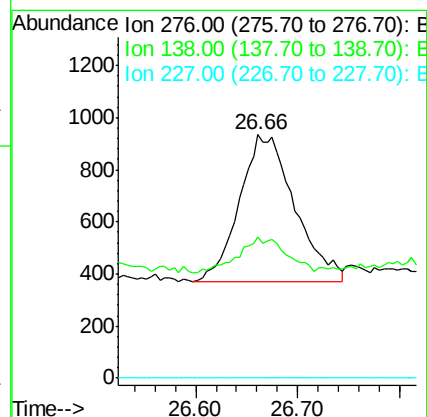
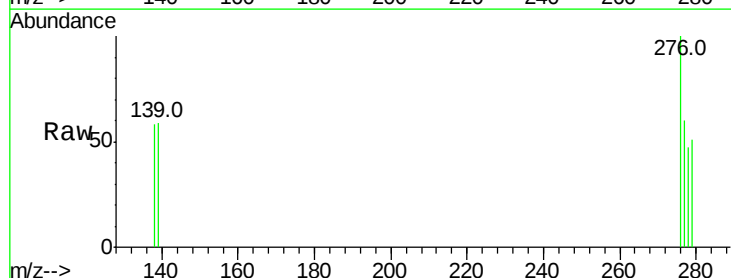
Tgt Ion:276 Resp: 2101

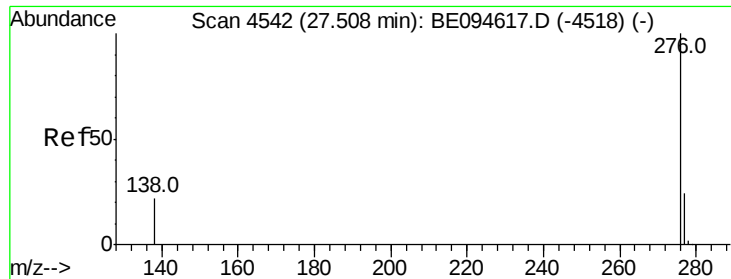
Ion Ratio Lower Upper

276 100

138 21.6 28.0 42.0#

227 0.0 8.0 12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.055 ng/ul

RT: 27.51 min Scan# 4545

Delta R.T. 0.01 min

Lab File: BE094625.D

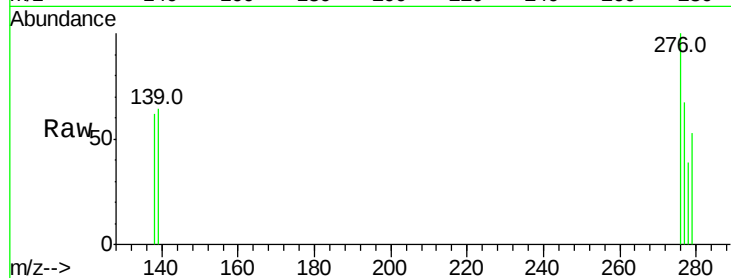
Acq: 28 Oct 2017 16:29

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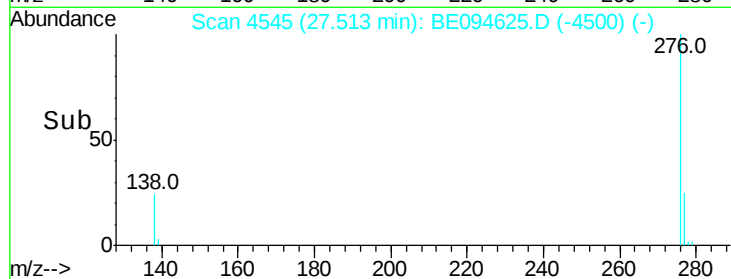
Tot Ion: 276 Resp: 1887

Ion Ratio Lower Upper

276 100

138 62.4 21.8 32.8#

277 66.6 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

