

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
 Data File : BE094883.D
 Acq On : 28 Nov 2017 14:36
 Operator : SJ/JU
 Sample : I6496-03DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2DL

Quant Time: Nov 29 01:13:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 29 01:10:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	558	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.71	136	3708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	2616	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	6254	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	6478	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	6776	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.34	152	297	0.05	ng/ul	0.03
14) Fluoranthene-d10	19.28	212	1001	0.05	ng/ul	0.00

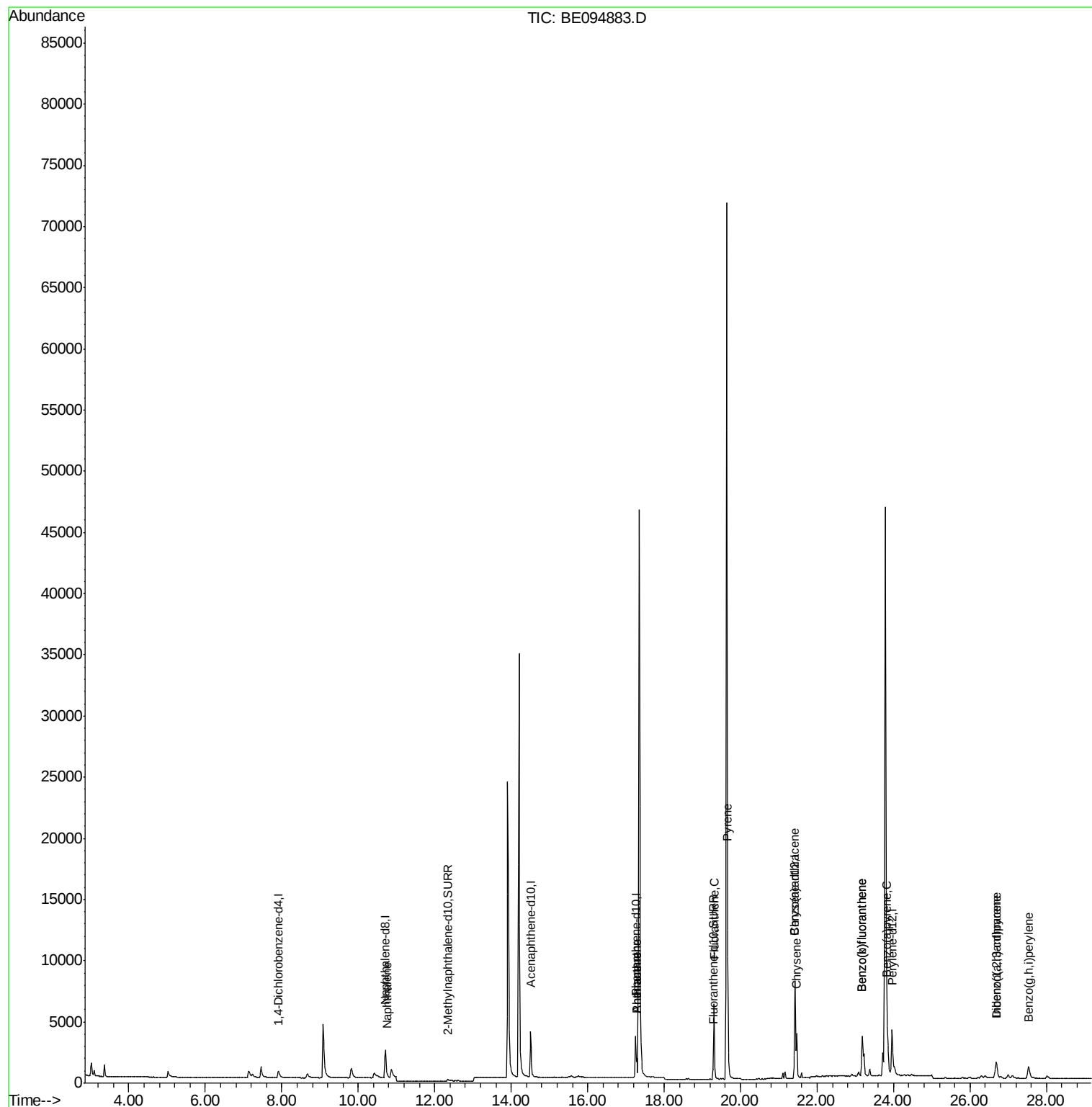
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	355	0.04	ng/ul#	56
12) Phenanthrene	17.29	178	2176	0.13	ng/ul	95
13) Anthracene	17.29	178	2167	0.13	ng/ul	97
15) Fluoranthene	19.31	202	7955	0.36	ng/ul	82
17) Pyrene	19.66	202	7626	0.38	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	4773	0.24	ng/ul#	90
19) Chrysene	21.47	228	4472	0.23	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	8625	0.43	ng/ul	89
22) Benzo(k)fluoranthene	23.18	252	8625	0.40	ng/ul#	91
23) Benzo(a)pyrene	23.84	252	4542	0.23	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.69	276	3063	0.14	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.67	278	824	0.04	ng/ul#	71
26) Benzo(g,h,i)perylene	27.53	276	2644	0.14	ng/ul#	93

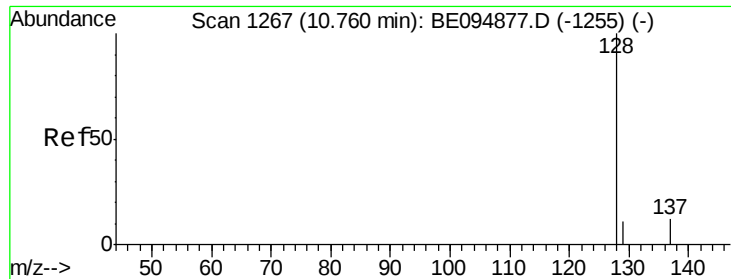
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

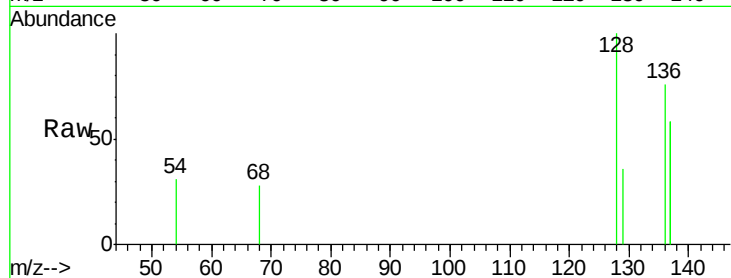
Tot Ion:128 Resp: 355

Ion Ratio Lower Upper

128 100

129 36.1 11.3 16.9#

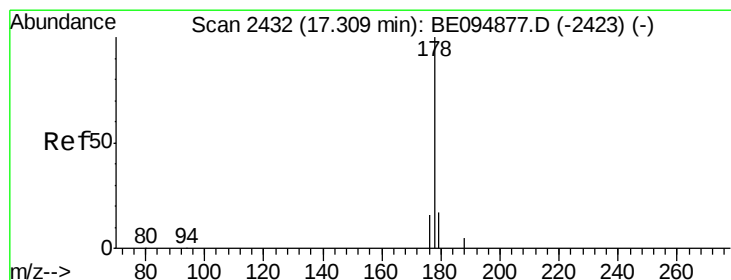
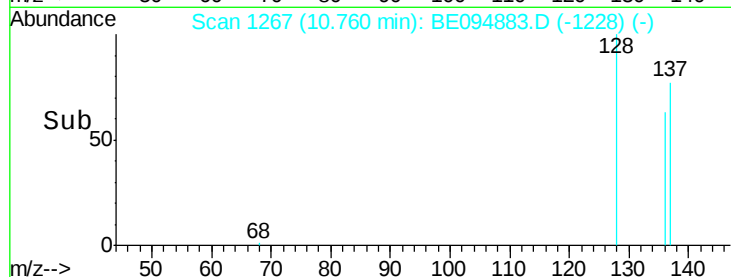
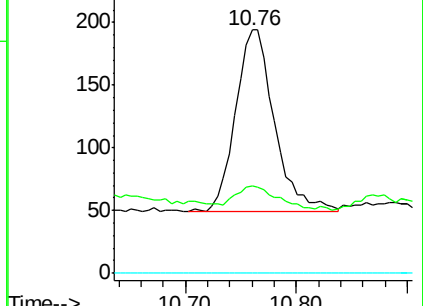
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#12

Phenanthrene

Concen: 0.13 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

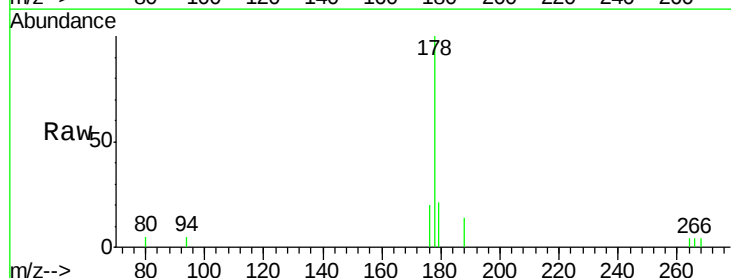
Tgt Ion:178 Resp: 2176

Ion Ratio Lower Upper

178 100

179 21.0 18.4 27.6

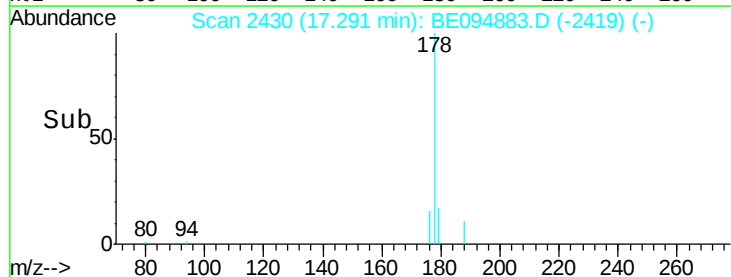
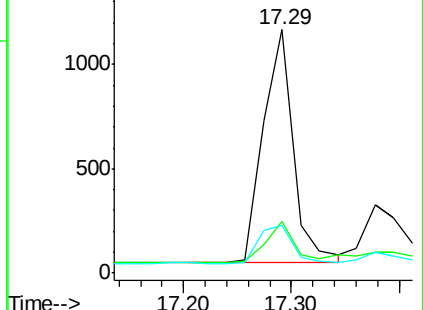
176 19.5 13.6 20.4

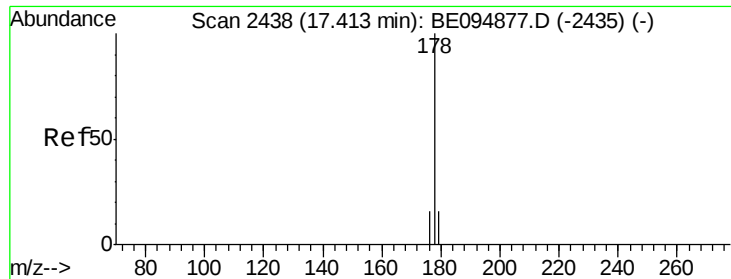


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.13 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.12 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

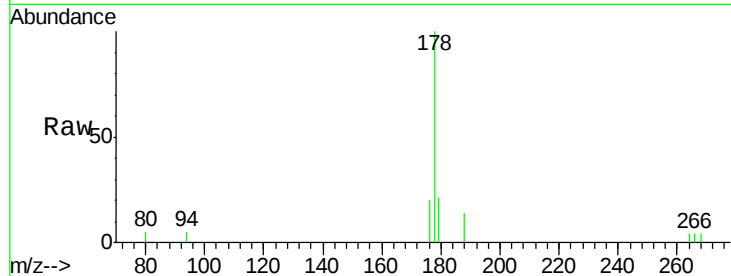
Tot Ion:178 Resp: 2167

Ion Ratio Lower Upper

178 100

179 21.0 18.1 27.1

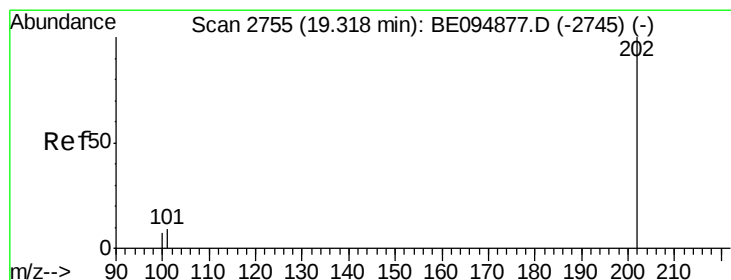
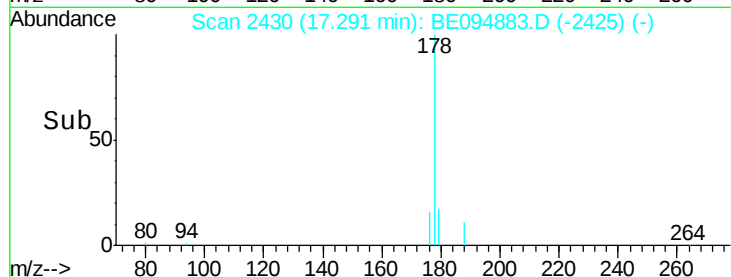
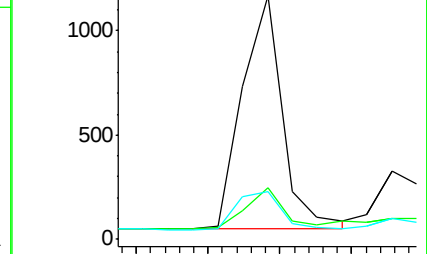
176 19.5 14.7 22.1



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: 0.36 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

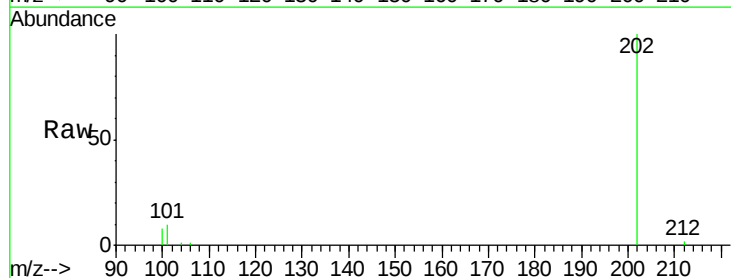
Tgt Ion:202 Resp: 7955

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

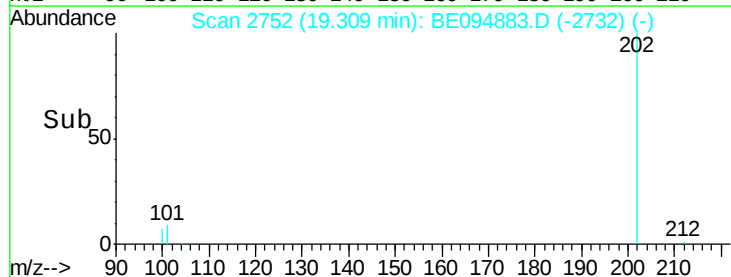
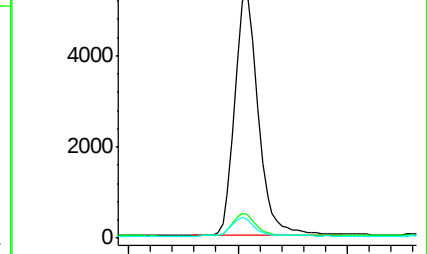
100 7.7 0.0 39.5

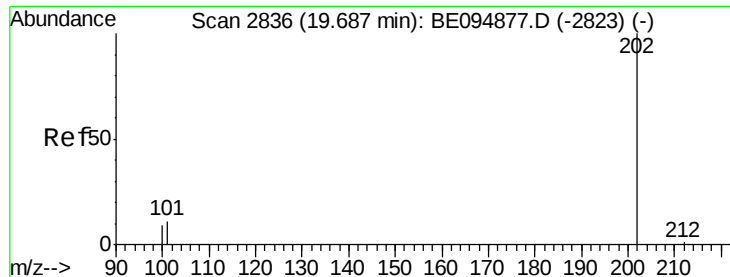


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

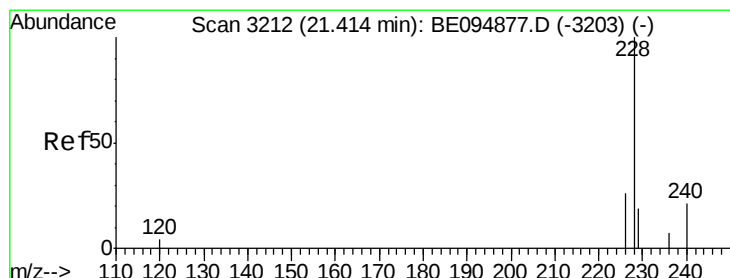
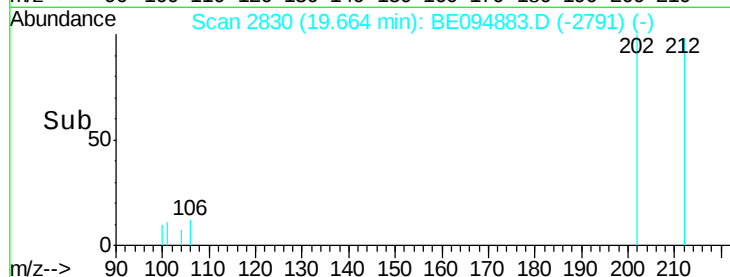
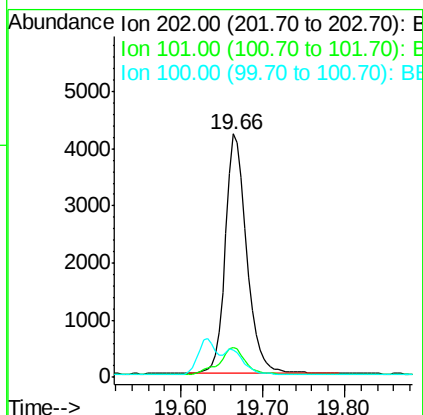
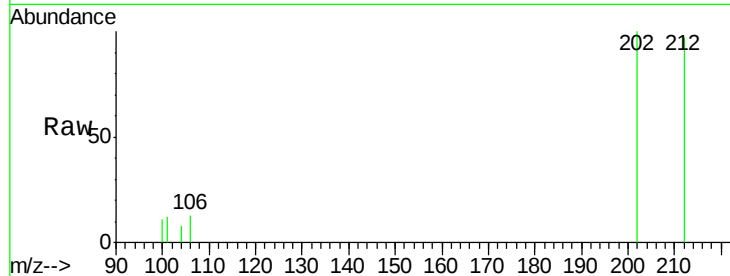




#17
Pvrene
Concen: 0.38 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094883.D
Acq: 28 Nov 2017 14:36

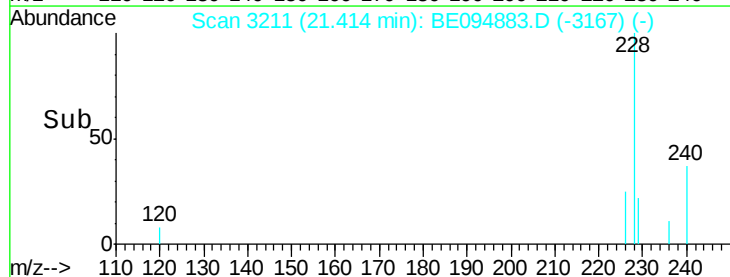
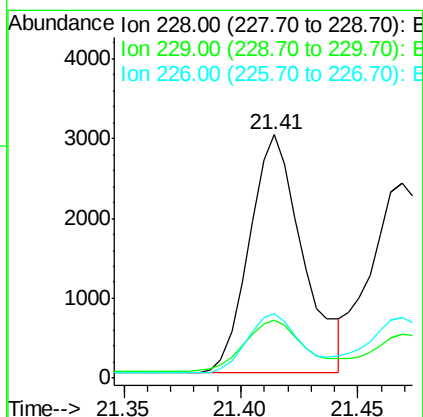
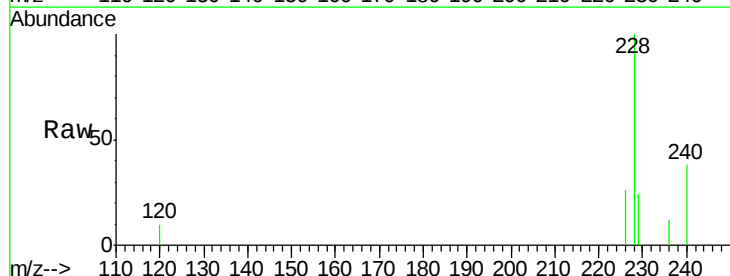
Instrument :
BNA_E
ClientSampleId :
C0AA2DL

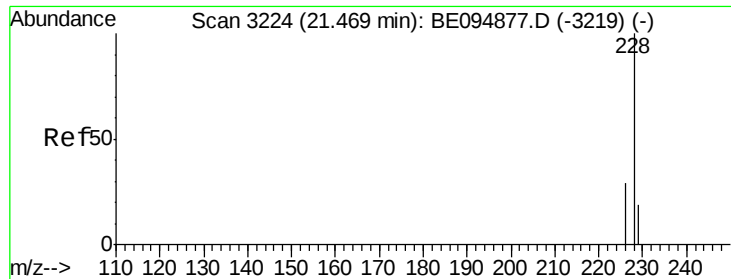
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.2	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.24 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094883.D
Acq: 28 Nov 2017 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.9	22.8	34.2
226	26.4	17.0	25.6#





#19

Chrysene

Concen: 0.23 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

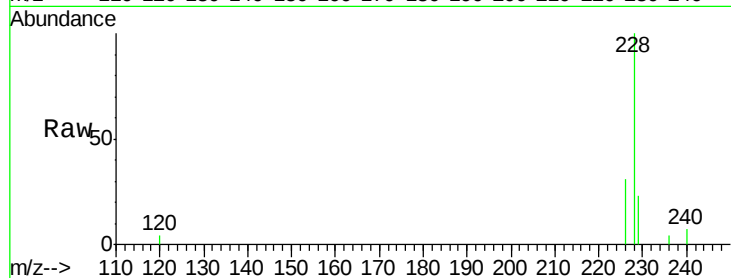
Tot Ion:228 Resp: 4472

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

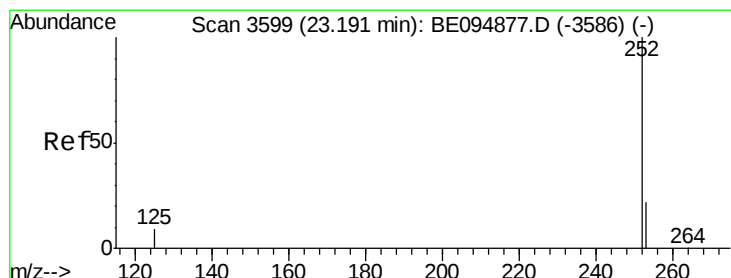
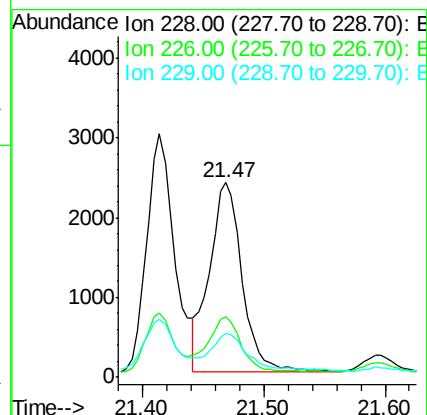
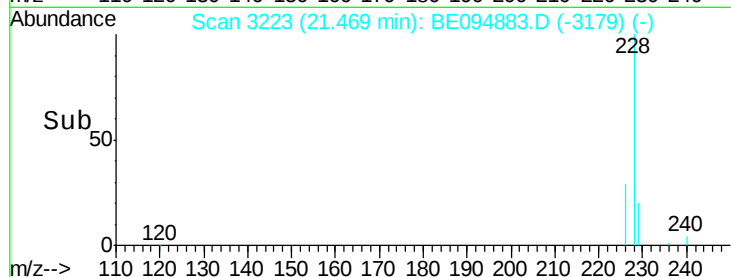
229 22.6 17.7 26.5



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: 0.43 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

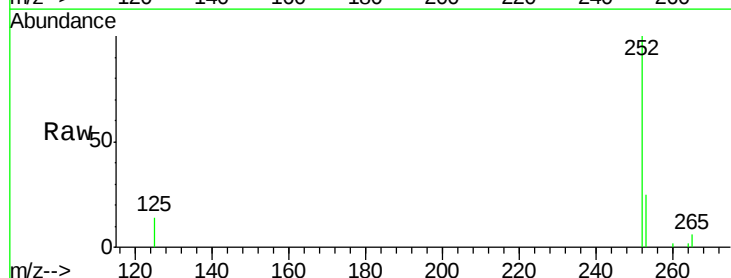
Tgt Ion:252 Resp: 8625

Ion Ratio Lower Upper

252 100

253 25.4 0.0 64.2

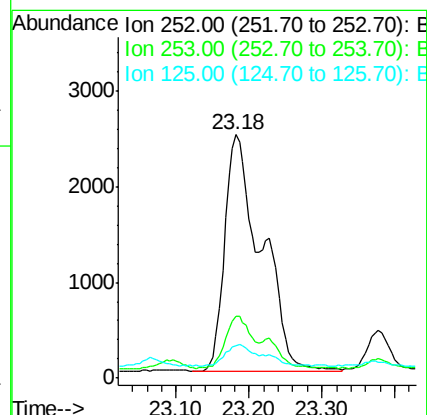
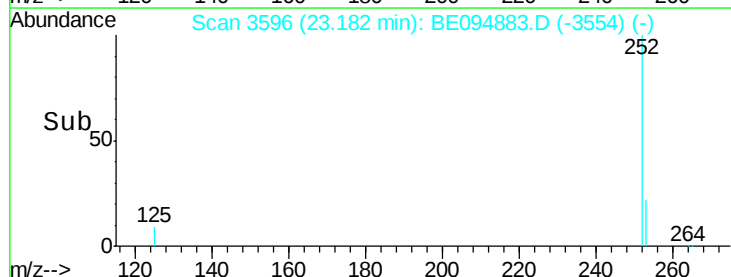
125 13.6 0.0 35.0

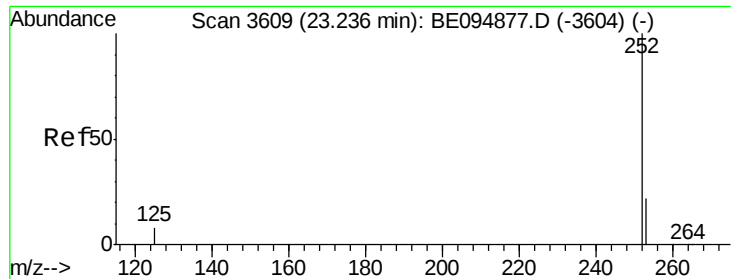


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.05 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

BNA_E

ClientSampleId :

C0AA2DL

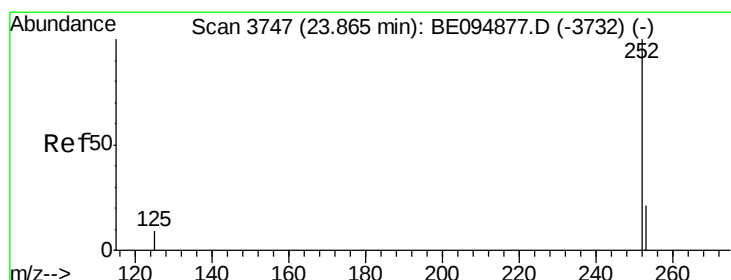
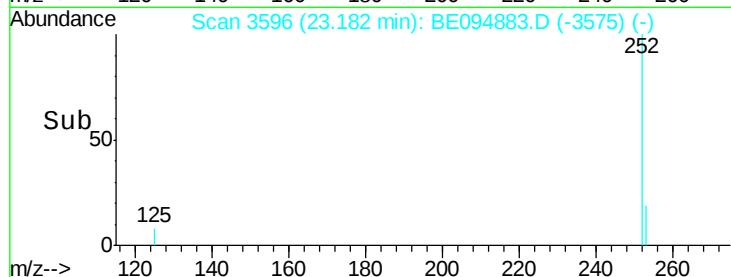
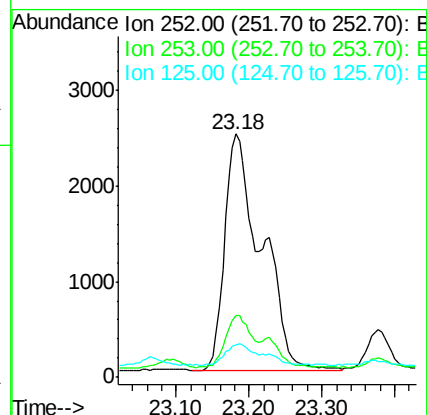
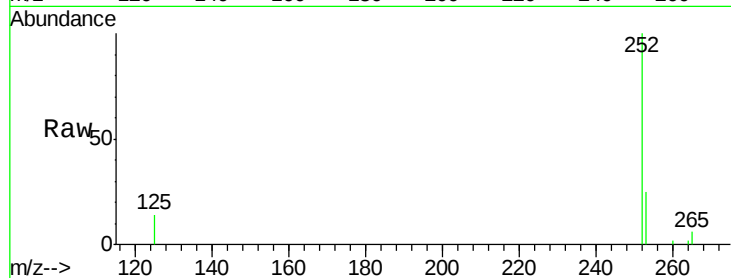
Tot Ion:252 Resp: 8625

Ion Ratio Lower Upper

252 100

253 25.4 24.5 36.7

125 13.6 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.23 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

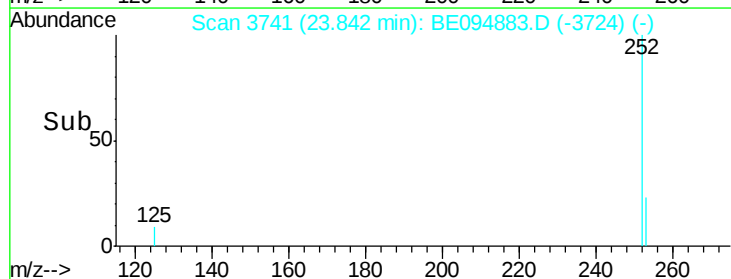
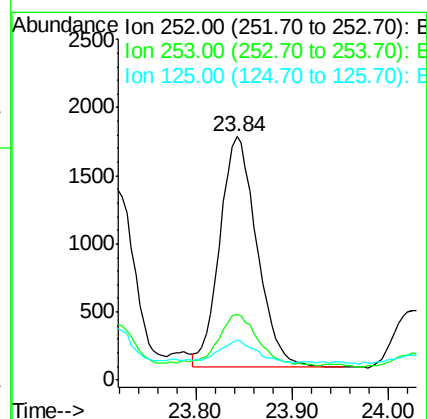
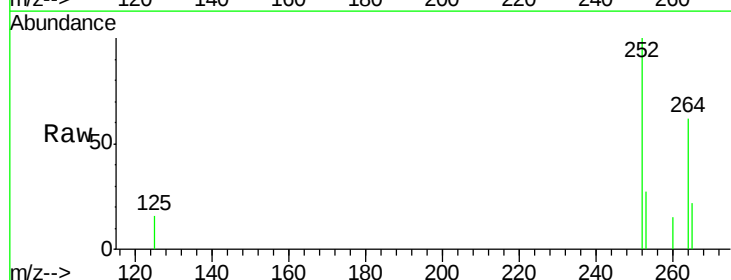
Tgt Ion:252 Resp: 4542

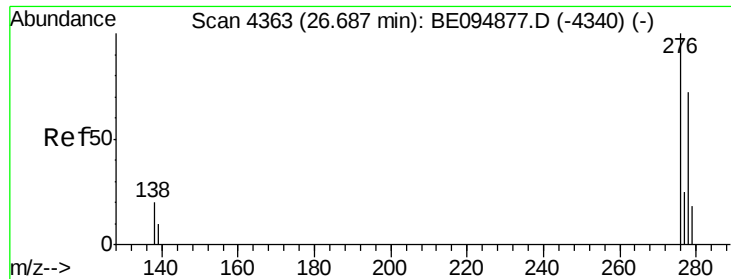
Ion Ratio Lower Upper

252 100

253 27.2 28.5 42.7#

125 16.4 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.14 ng/ul

RT: 26.69 min Scan# 4363

Delta R.T. 0.00 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

Instrument :

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ClientSampleId :

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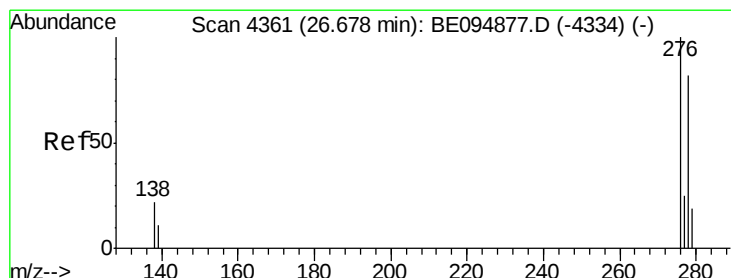
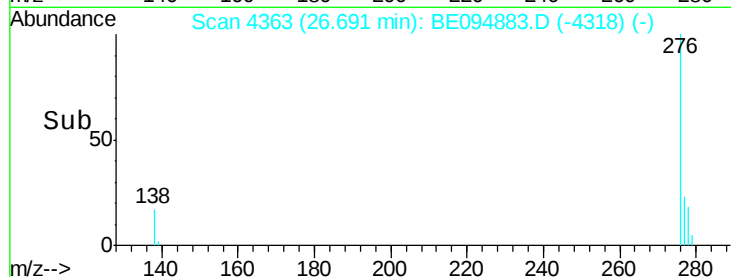
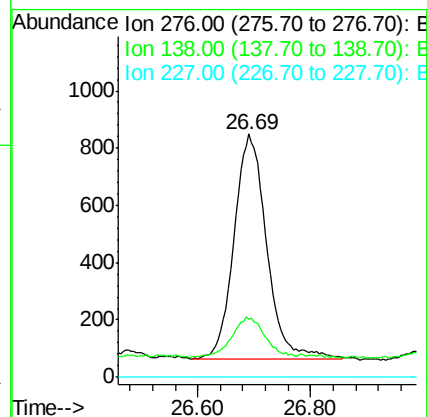
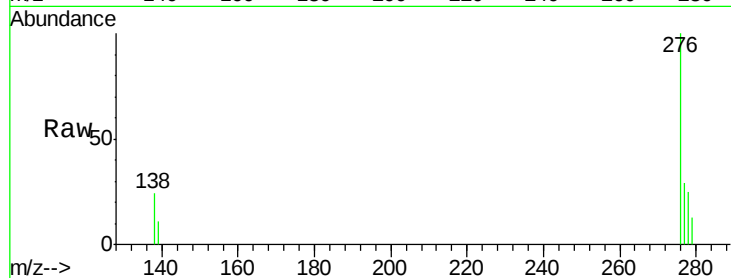
Tot Ion:276 Resp: 3063

Ion Ratio Lower Upper

276 100

138 17.9 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BE094883.D

Acq: 28 Nov 2017 14:36

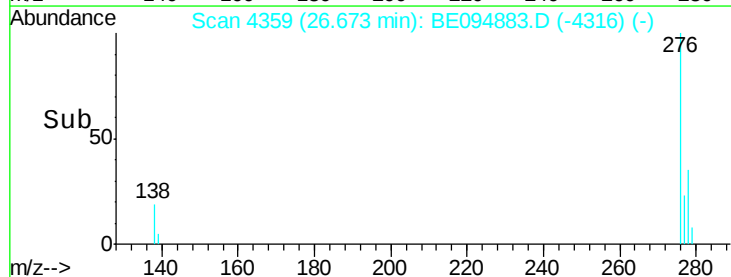
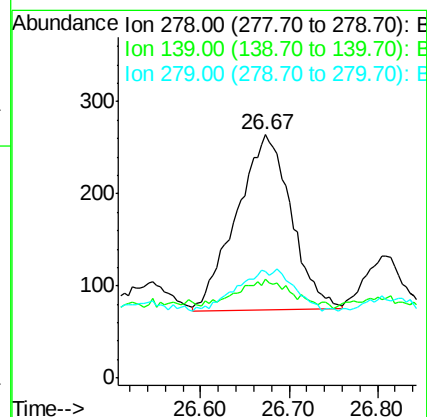
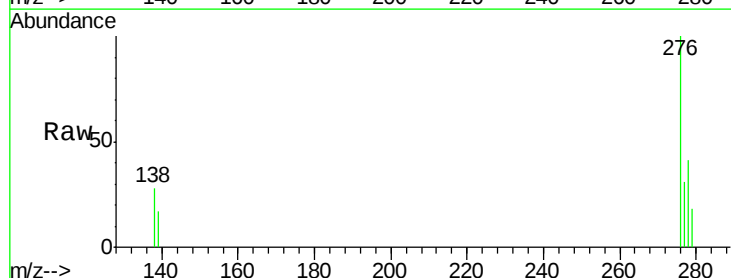
Tgt Ion:278 Resp: 824

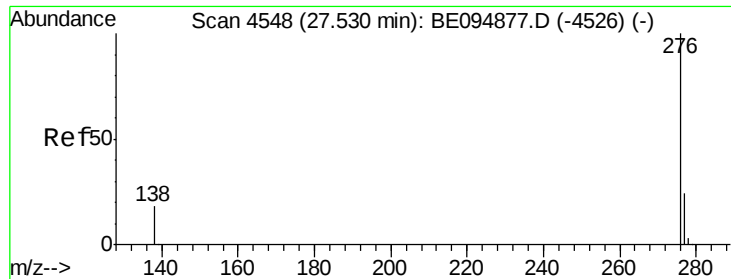
Ion Ratio Lower Upper

278 100

139 40.9 17.4 26.0#

279 43.9 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.14 ng/ul

RT: 27.53 min Scan# 4548

Delta R.T. 0.00 min

Lab File: BE094883.D

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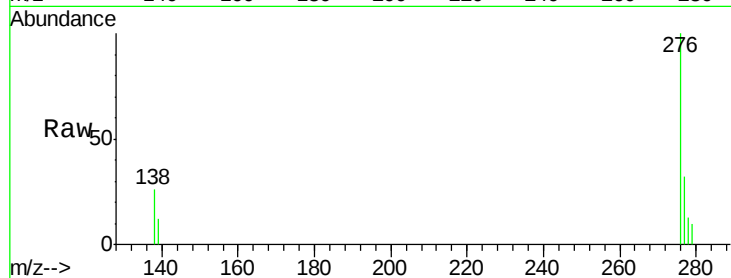
Tot Ion:276 Resp: 2644

Ion Ratio Lower Upper

276 100

138 26.0 21.8 32.8

277 31.5 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

