

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094829.D
 Acq On : 22 Nov 2017 13:35
 Operator : SJ/JU
 Sample : I6514-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 00:57:33 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 00:56:52 2017
 Response via : Initial Calibration

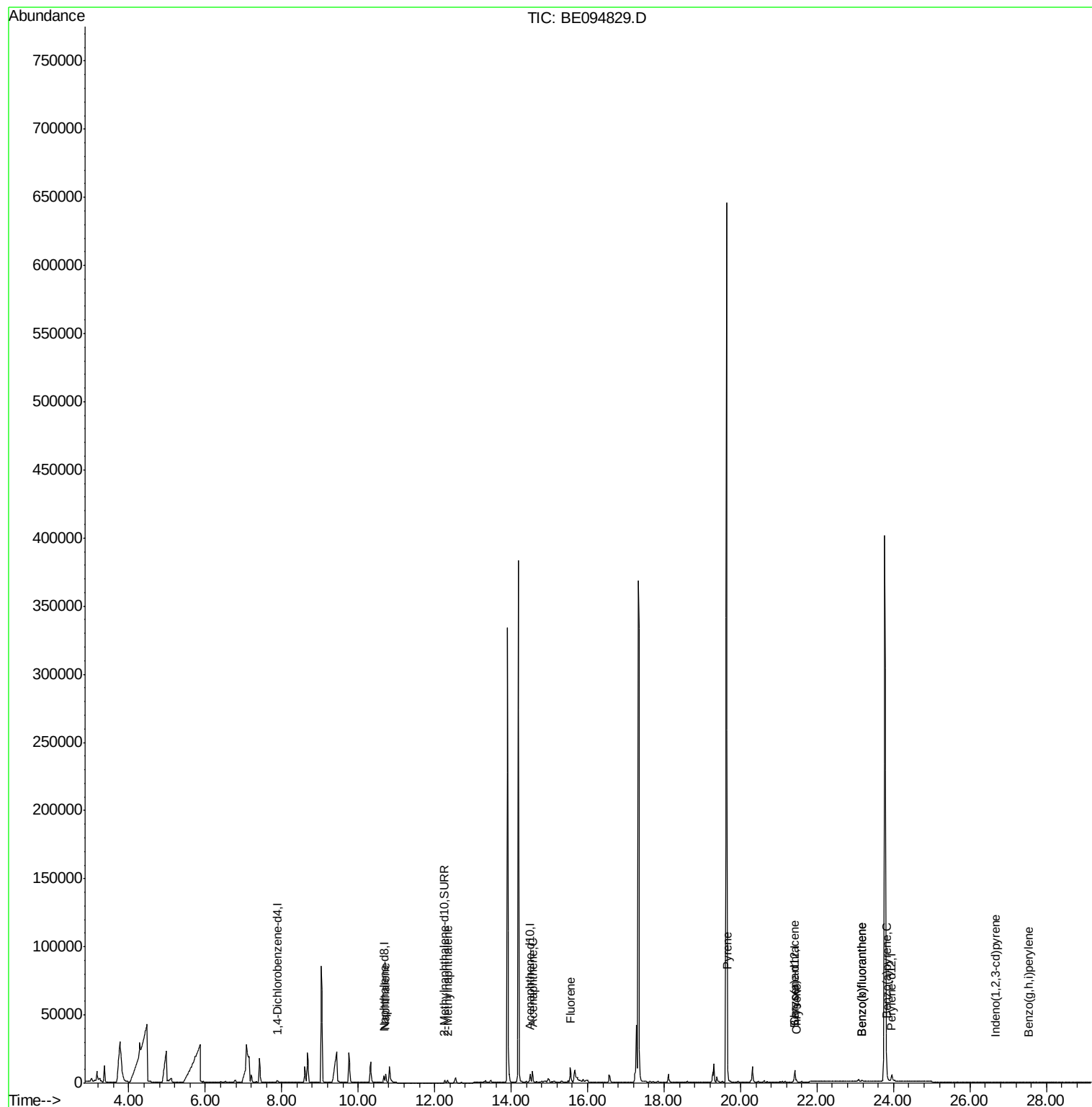
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	770	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.67	136	4960	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.50	164	3398	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.42	240	8217	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9107	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.26	152	2885	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	8457	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.72	128	6056	0.51	ng/ul#	94
5) 2-Methylnaphthalene	12.34	142	1772	0.22	ng/ul	98
8) Acenaphthene	14.56	153	4904	0.45	ng/ul	98
9) Fluorene	15.55	166	7044	0.53	ng/ul	97
17) Pyrene	19.66	202	15151	0.59	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	2309	0.09	ng/ul#	91
19) Chrysene	21.46	228	2346	0.09	ng/ul#	87
21) Benzo(b)fluoranthene	23.17	252	2395	0.09	ng/ul#	64
22) Benzo(k)fluoranthene	23.17	252	2395	0.08	ng/ul#	61
23) Benzo(a)pyrene	23.83	252	1114	0.04	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	26.68	276	636	0.02	ng/ul#	82
26) Benzo(g,h,i)perylene	27.53	276	860	0.03	ng/ul#	32

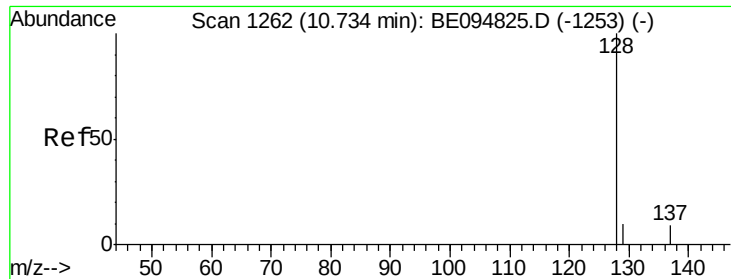
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 23 00:56:52 2017
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#3

Naphthalene

Concen: 0.51 ng/ul

RT: 10.72 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Instrument :

BNA_E

ClientSampleId :

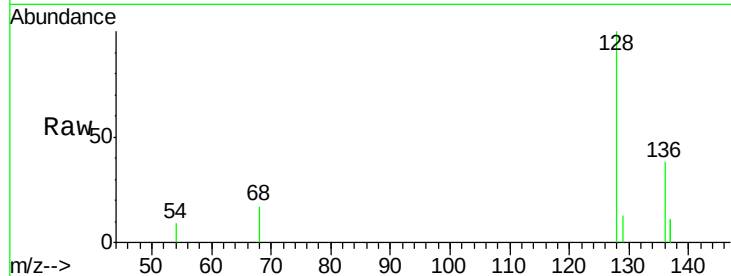
Tot Ion:128 Resp: 6056

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

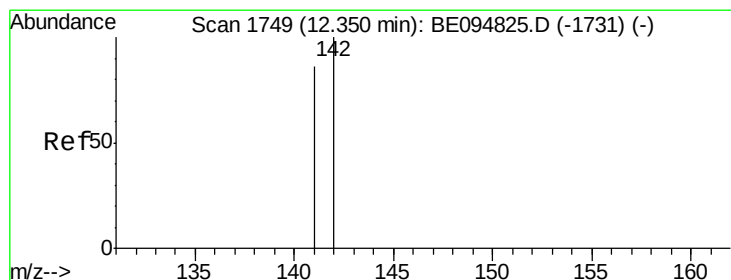
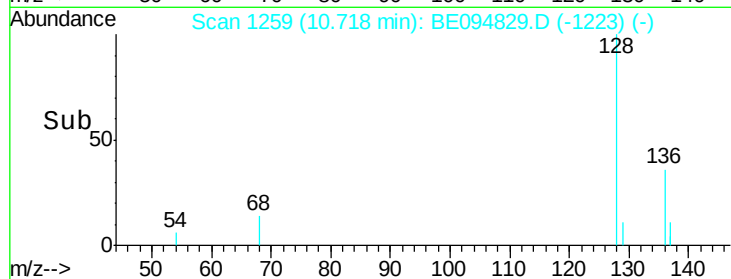
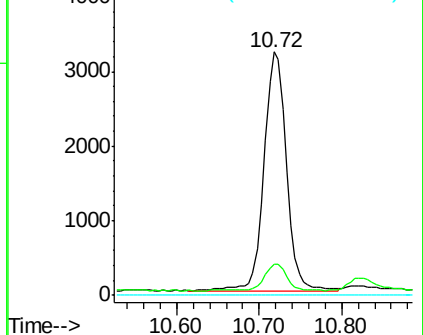
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.22 ng/ul

RT: 12.34 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BE094829.D

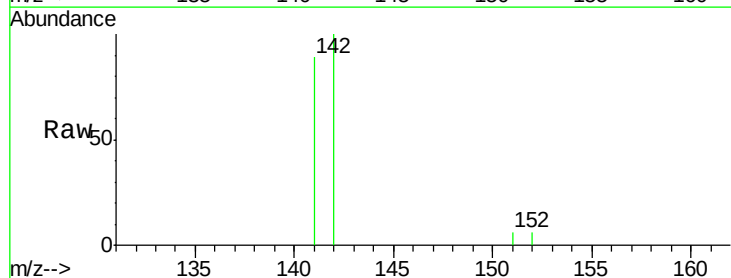
Acq: 22 Nov 2017 13:35

Tgt Ion:142 Resp: 1772

Ion Ratio Lower Upper

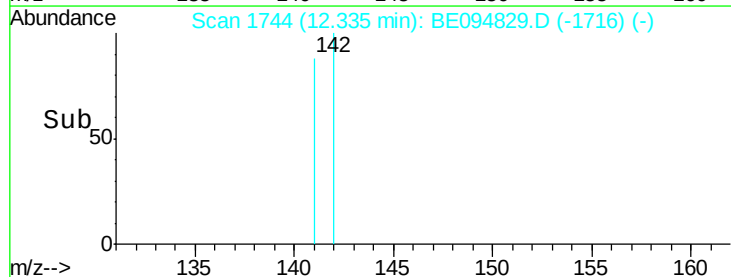
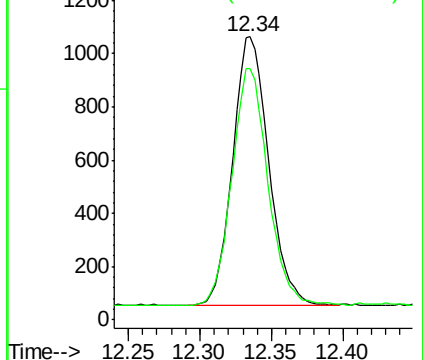
142 100

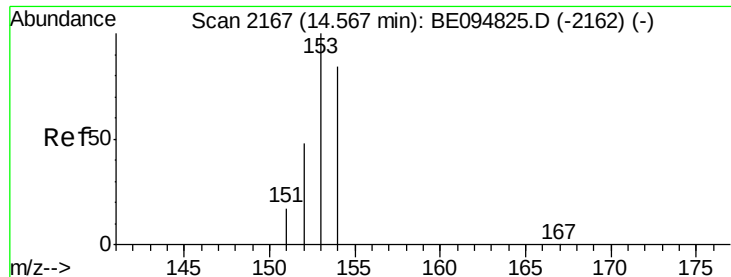
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.45 ng/ul

RT: 14.56 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Instrument :

BNA_E

ClientSampleId :

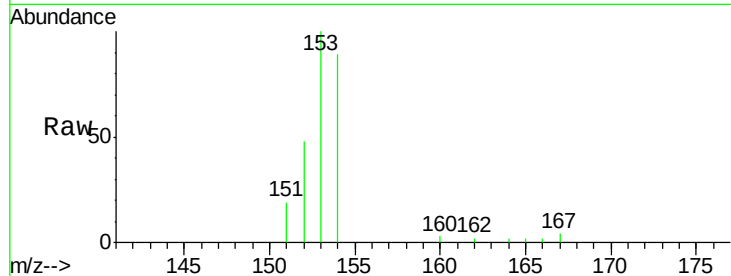
Tot Ion:153 Resp: 4904

Ion Ratio Lower Upper

153 100

152 47.8 36.0 54.0

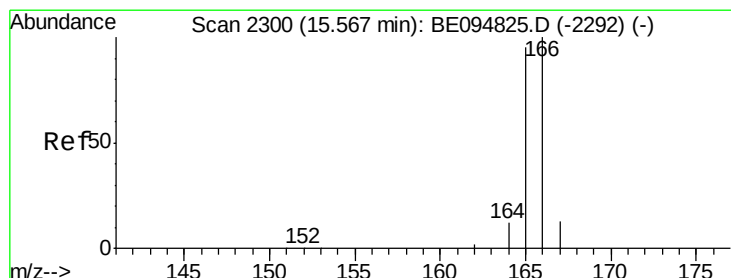
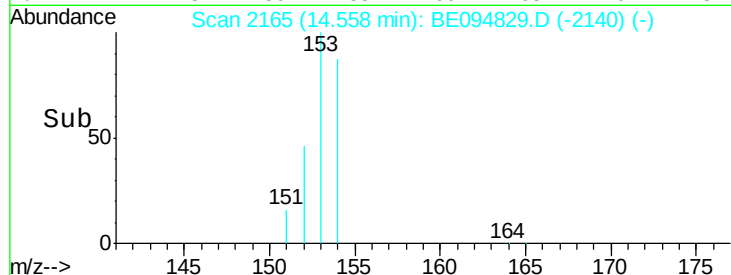
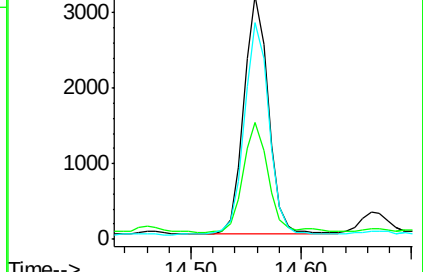
154 89.1 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.53 ng/ul

RT: 15.55 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

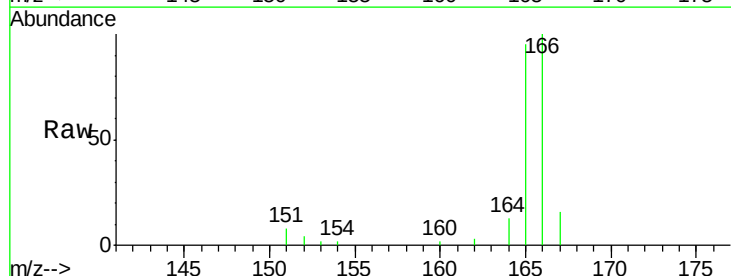
Tgt Ion:166 Resp: 7044

Ion Ratio Lower Upper

166 100

165 94.6 73.4 110.2

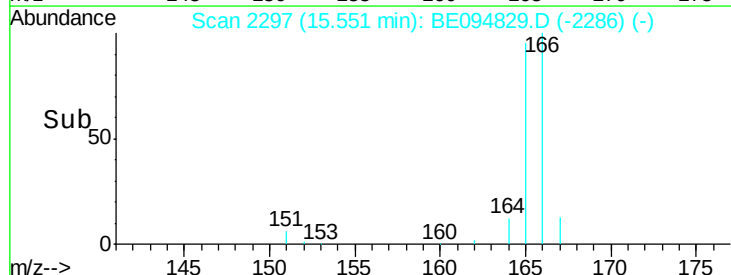
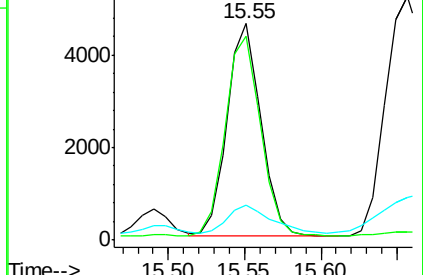
167 16.0 14.6 22.0

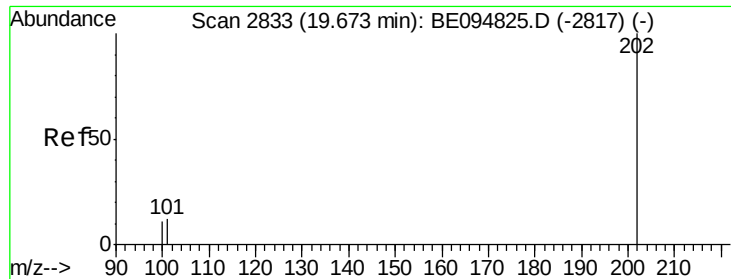


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

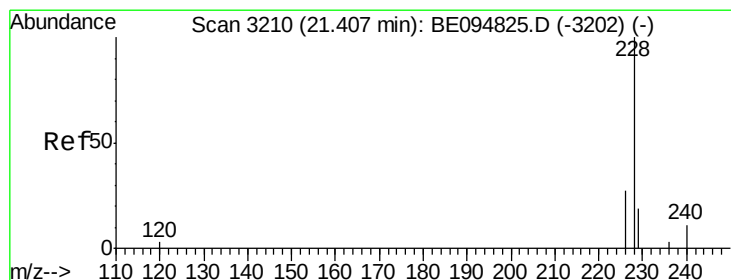
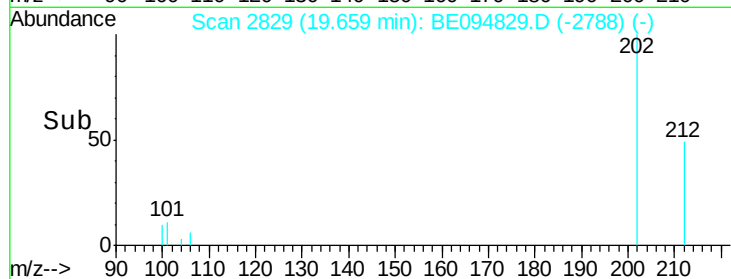
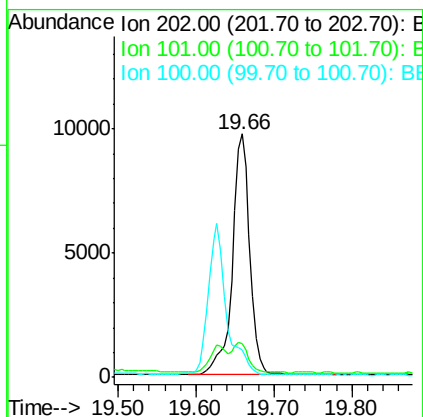
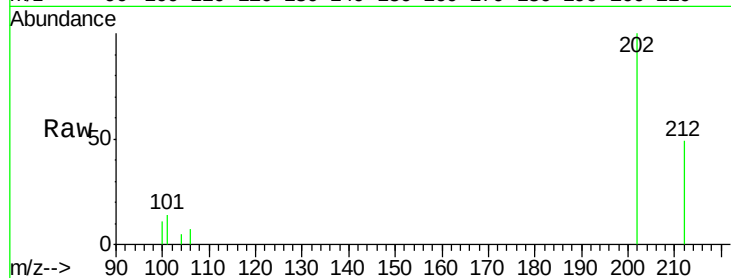




#17
Pvrene
Concen: 0.59 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

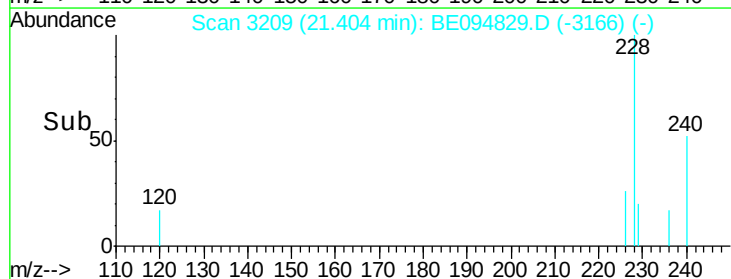
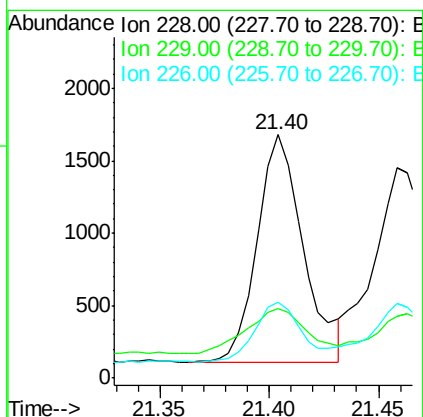
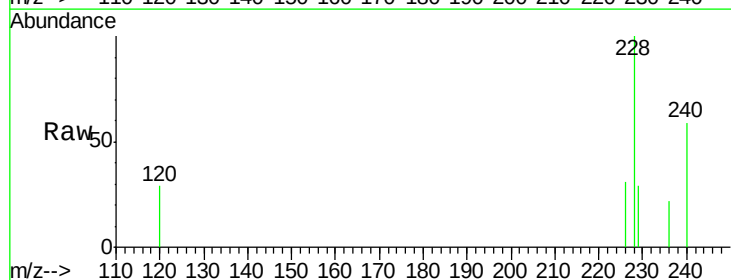
Instrument :
BNA_E
ClientSampleId :

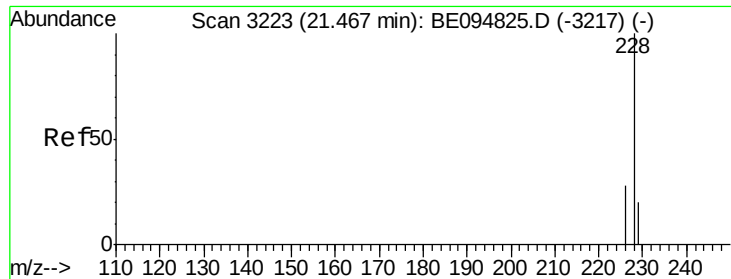
Tot Ion:202 Resp: 15151
Ion Ratio Lower Upper
202 100
101 13.7 18.2 27.4#
100 11.3 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Tgt Ion:228 Resp: 2309
Ion Ratio Lower Upper
228 100
229 28.7 22.8 34.2
226 31.1 17.0 25.6#





#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Instrument :

BNA_E

ClientSampleId :

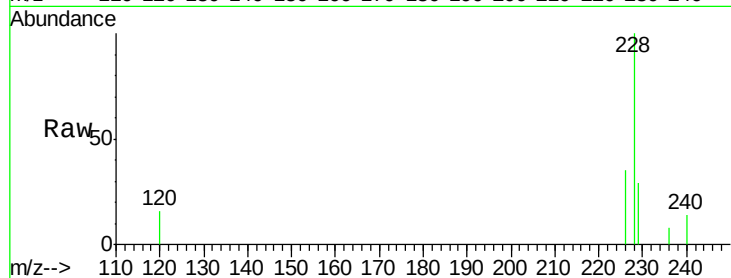
Tot Ion:228 Resp: 2346

Ion Ratio Lower Upper

228 100

226 35.2 23.4 35.0#

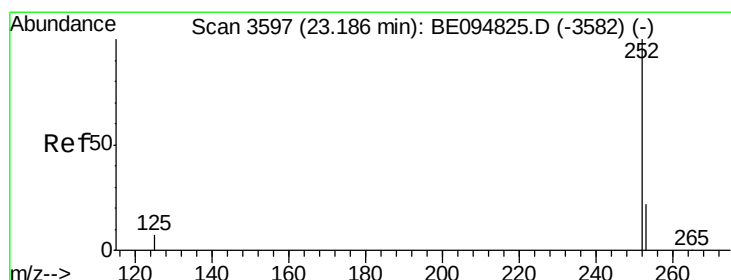
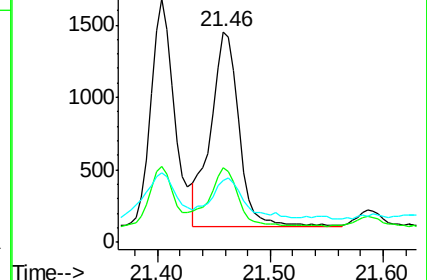
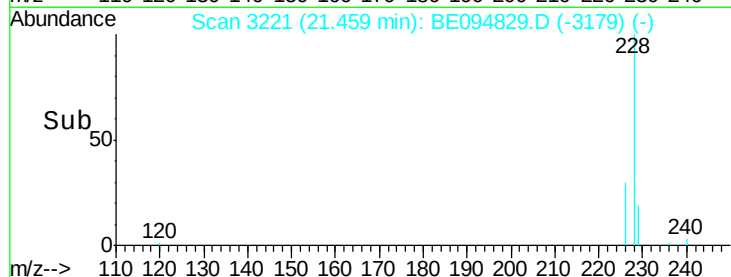
229 29.2 17.7 26.5#



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: 0.09 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

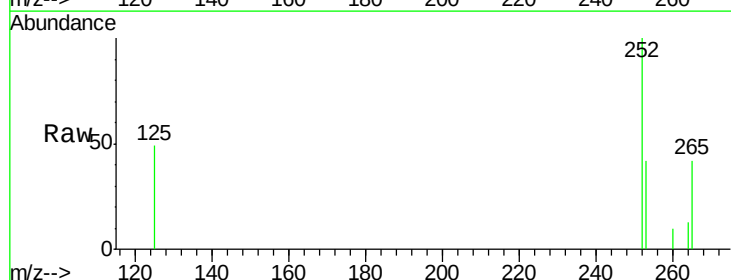
Tgt Ion:252 Resp: 2395

Ion Ratio Lower Upper

252 100

253 41.9 0.0 64.2

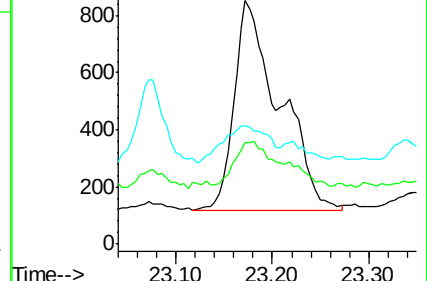
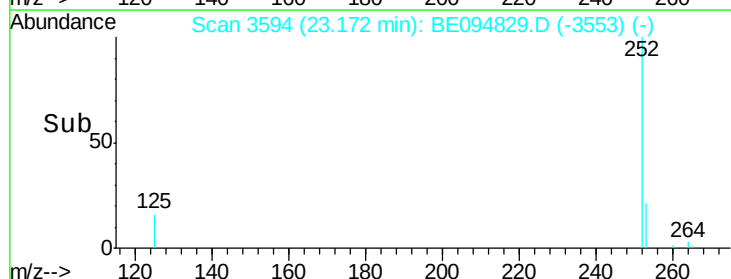
125 48.5 0.0 35.0#

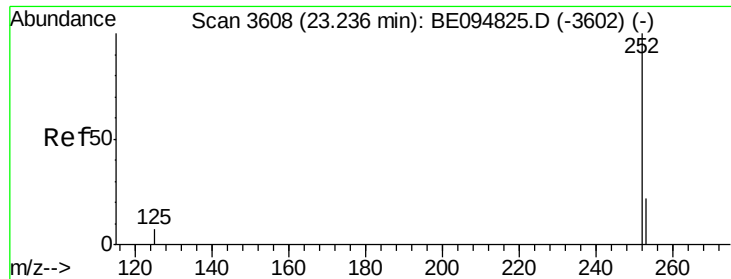


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.08 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.06 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

Instrument :

BNA_E

ClientSampleId :

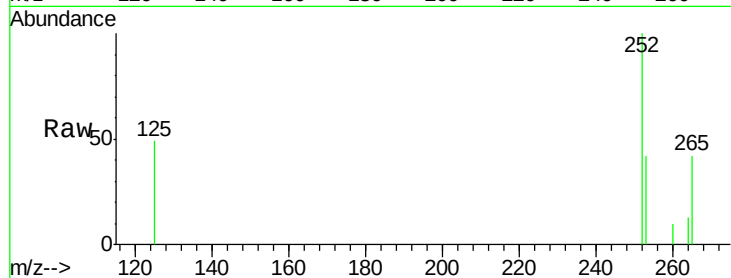
Tot Ion:252 Resp: 2395

Ion Ratio Lower Upper

252 100

253 41.9 24.5 36.7#

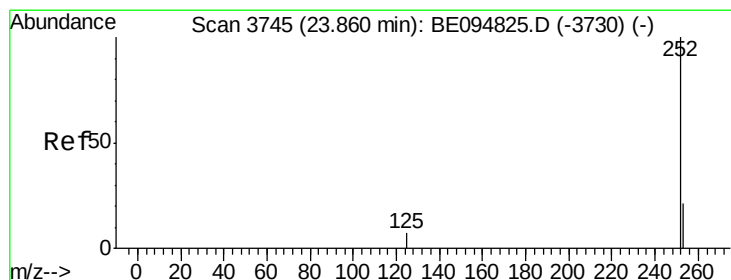
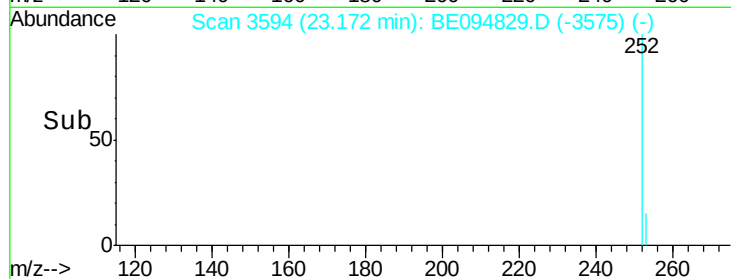
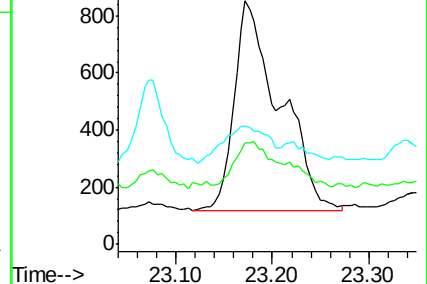
125 48.5 13.7 20.5#



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: 0.04 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.03 min

Lab File: BE094829.D

Acq: 22 Nov 2017 13:35

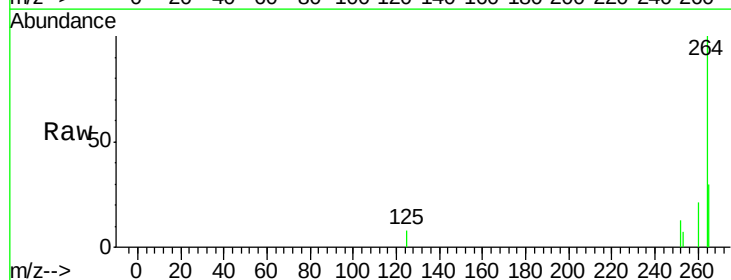
Tgt Ion:252 Resp: 1114

Ion Ratio Lower Upper

252 100

253 52.8 28.5 42.7#

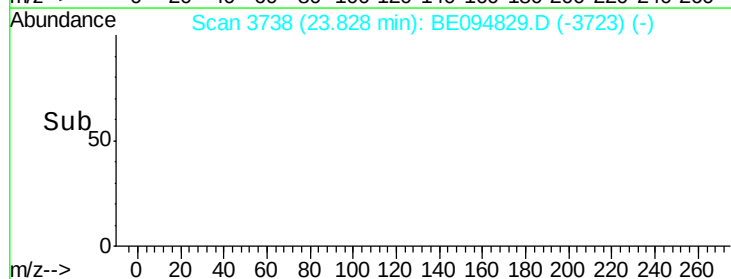
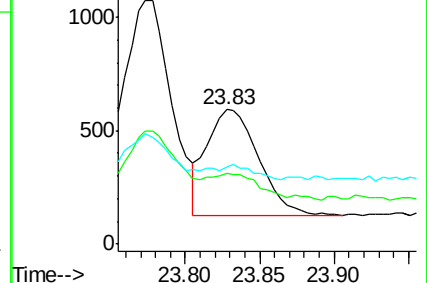
125 57.8 18.1 27.1#

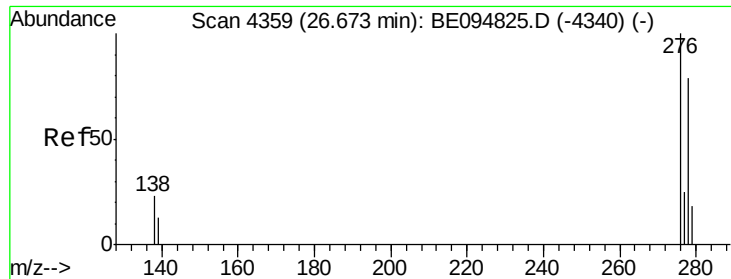


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

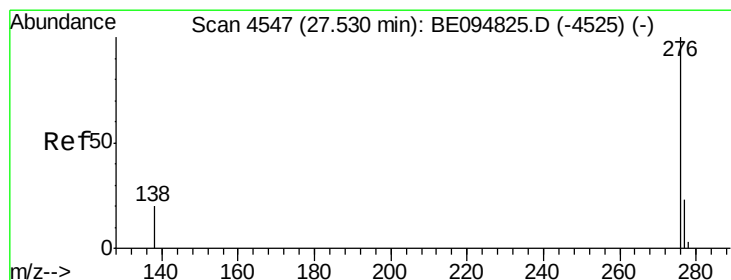
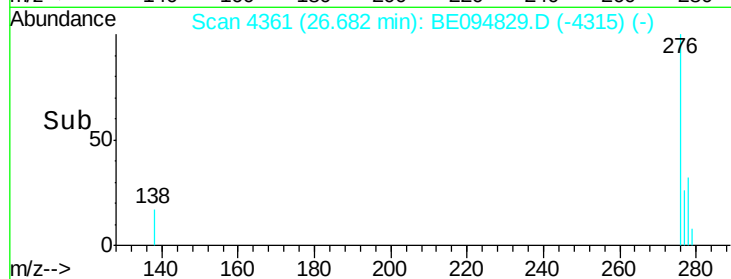
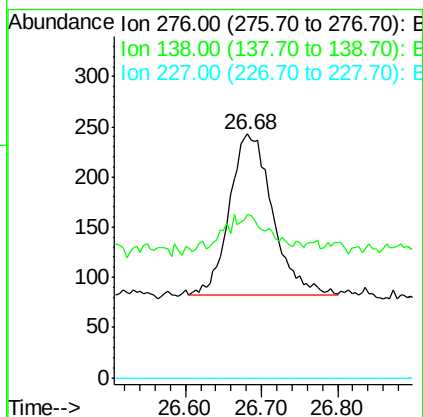
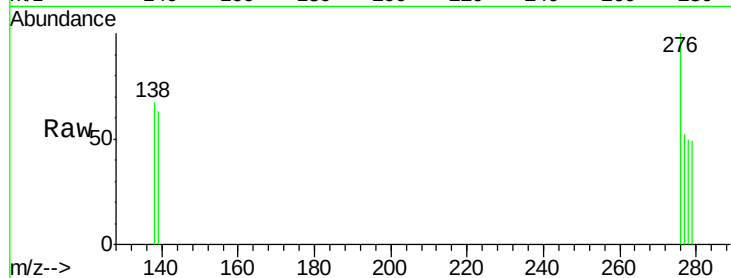




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 636
Ion Ratio Lower Upper
276 100
138 26.1 28.0 42.0#
227 0.0 8.0 12.0#



#26
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 27.53 min Scan# 4547
Delta R.T. -0.00 min
Lab File: BE094829.D
Acq: 22 Nov 2017 13:35

Tgt Ion:276 Resp: 860
Ion Ratio Lower Upper
276 100
138 69.8 21.8 32.8#
277 52.9 20.5 30.7#

