

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
 Data File : BE094880.D
 Acq On : 28 Nov 2017 12:51
 Operator : SJ/JU
 Sample : I6514-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Quant Time: Nov 29 01:13:18 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	7.90	152	577	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.70	136	3778	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	2593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	6092	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	6005	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6058	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.30	152	1898	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5509	0.26	ng/ul	-0.01

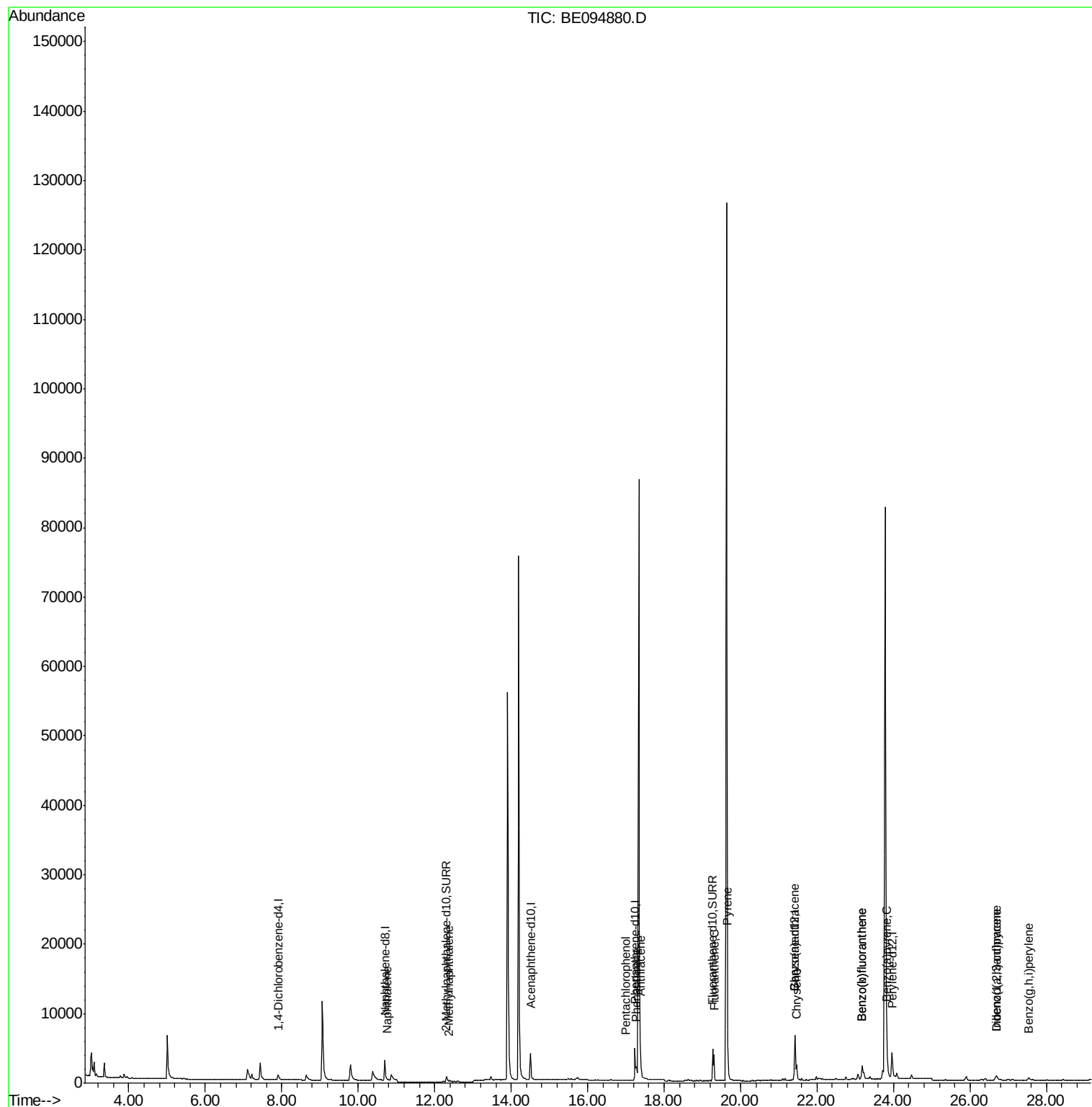
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	246	0.03	ng/ul#	50
5) 2-Methylnaphthalene	12.38	142	251	0.04	ng/ul	96
11) Pentachlorophenol	17.00	266	10	0.03	ng/ul#	33
12) Phenanthrene	17.27	178	2372	0.14	ng/ul#	87
13) Anthracene	17.38	178	400	0.02	ng/ul#	62
15) Fluoranthene	19.30	202	4546	0.21	ng/ul	84
17) Pyrene	19.66	202	4190	0.22	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	2393	0.13	ng/ul#	92
19) Chrysene	21.47	228	2767	0.15	ng/ul	92
21) Benzo(b)fluoranthene	23.18	252	4697	0.26	ng/ul	91
22) Benzo(k)fluoranthene	23.18	252	4697	0.24	ng/ul#	92
23) Benzo(a)pyrene	23.84	252	2153	0.12	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.69	276	1512	0.08	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.67	278	388	0.02	ng/ul#	39
26) Benzo(g,h,i)perylene	27.54	276	935	0.06	ng/ul#	67

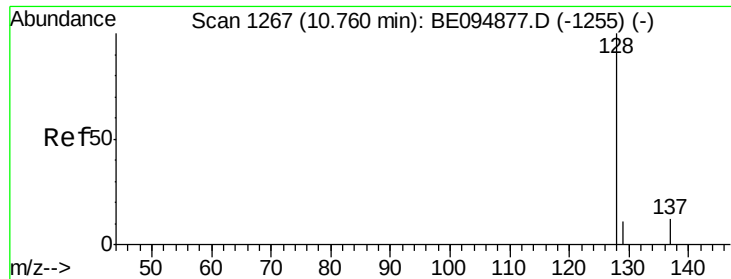
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

ClientSampleId :

C0AB2

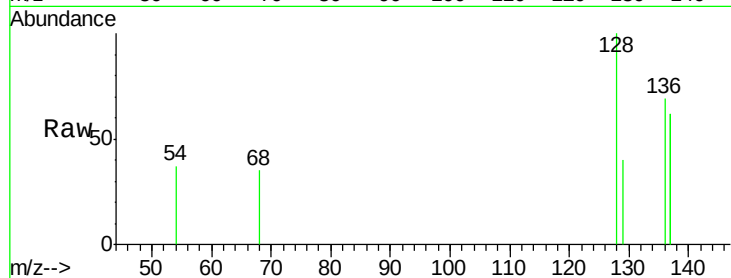
Tot Ion:128 Resp: 246

Ion Ratio Lower Upper

128 100

129 39.8 11.3 16.9#

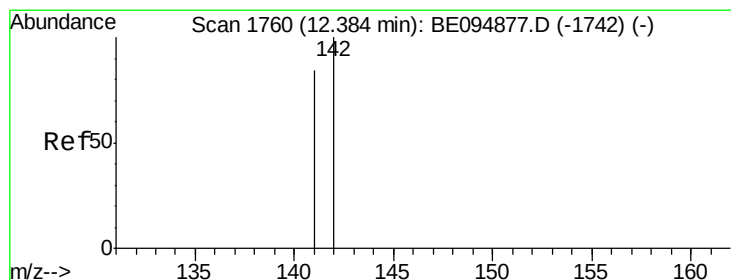
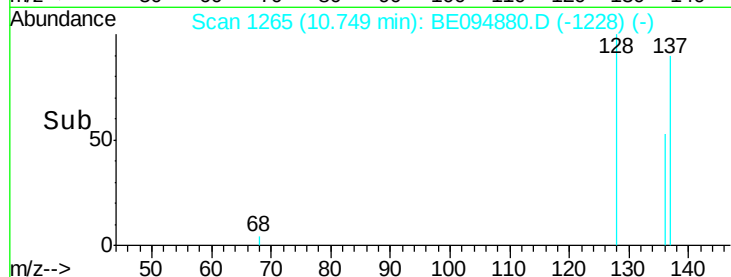
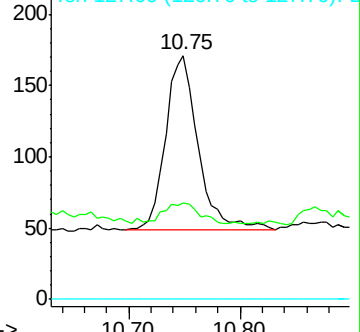
127 0.0 4.0 6.0#



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: 0.04 ng/ul

RT: 12.38 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BE094880.D

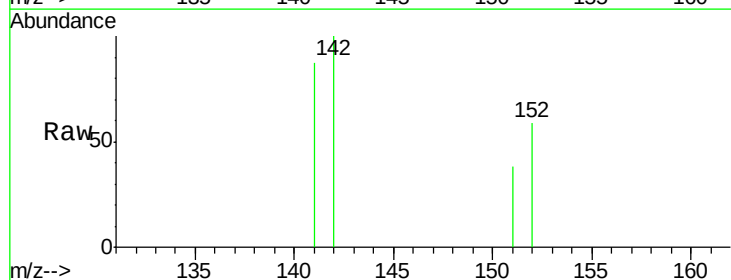
Acq: 28 Nov 2017 12:51

Tgt Ion:142 Resp: 251

Ion Ratio Lower Upper

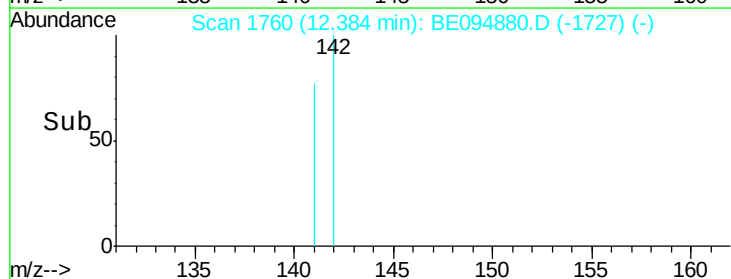
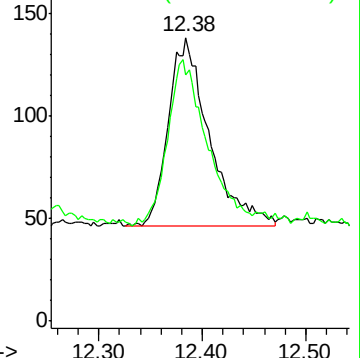
142 100

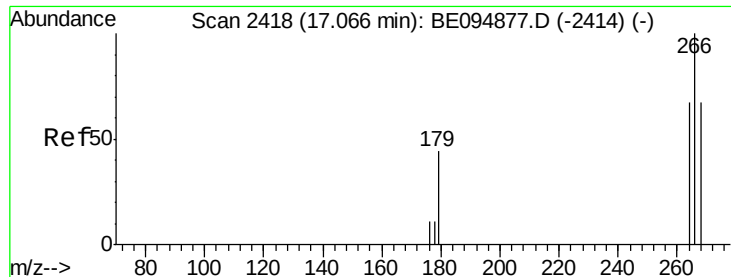
141 86.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

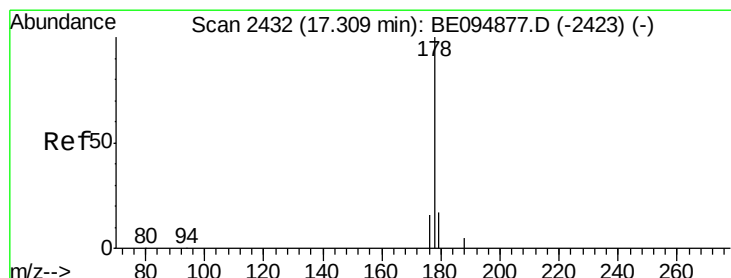
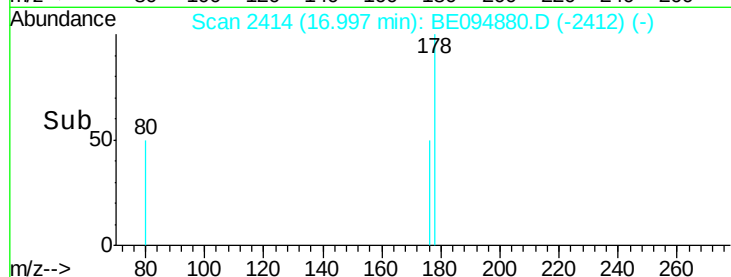
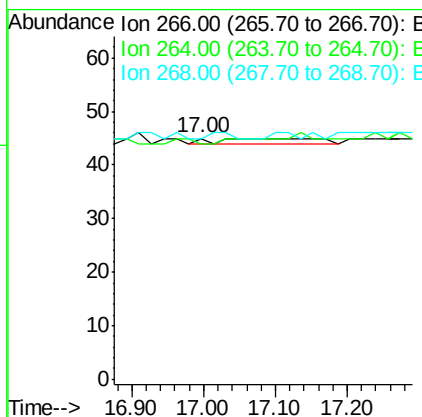
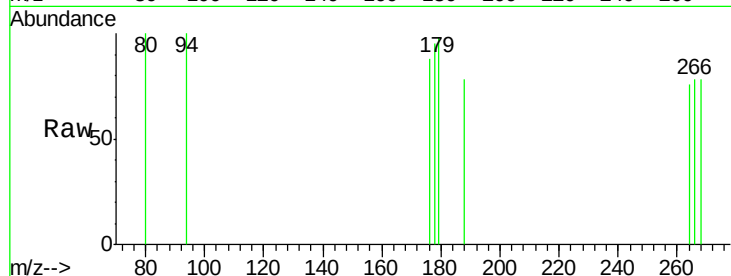




#11
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. -0.07 min
 Lab File: BE094880.D
 Acq: 28 Nov 2017 12:51

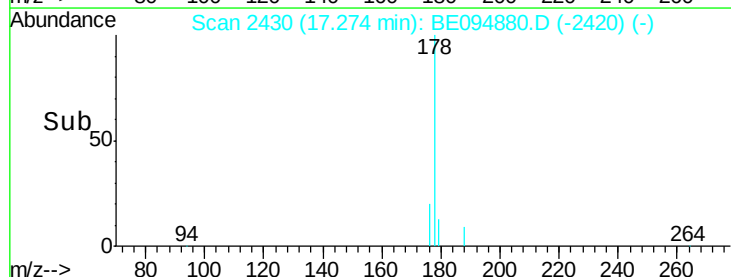
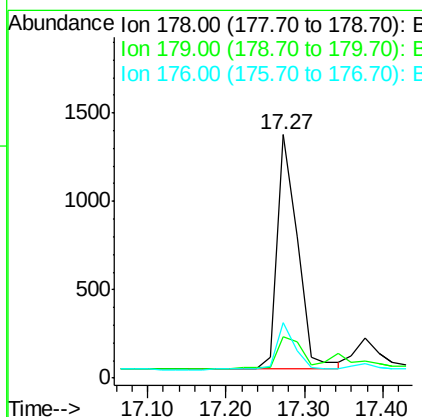
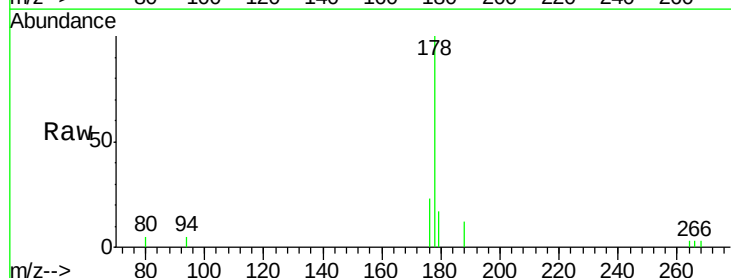
Instrument :
 BNA_E
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 C0AB2

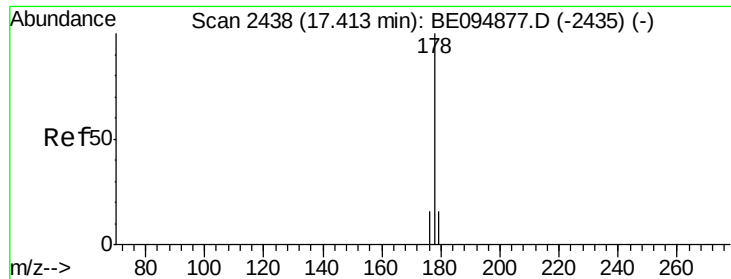
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 20.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.14 ng/ul
 RT: 17.27 min Scan# 2430
 Delta R.T. -0.04 min
 Lab File: BE094880.D
 Acq: 28 Nov 2017 12:51

Tgt Ion:178 Resp: 2372
 Ion Ratio Lower Upper
 178 100
 179 16.8 18.4 27.6#
 176 22.8 13.6 20.4#





#13

Anthracene

Concen: 0.02 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

ClientSampleId :

C0AB2

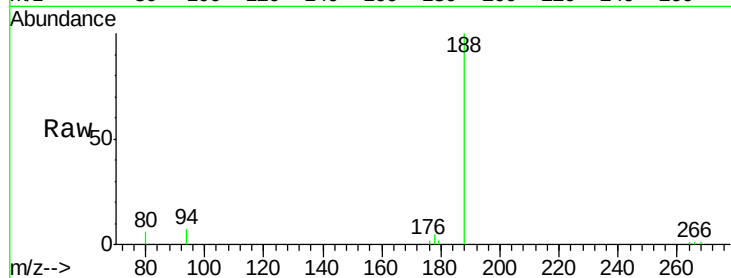
Tot Ion:178 Resp: 400

Ion Ratio Lower Upper

178 100

179 41.3 18.1 27.1#

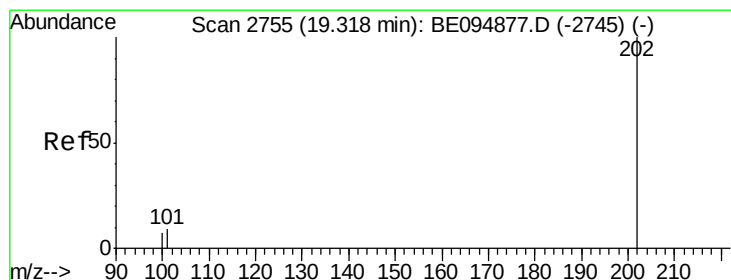
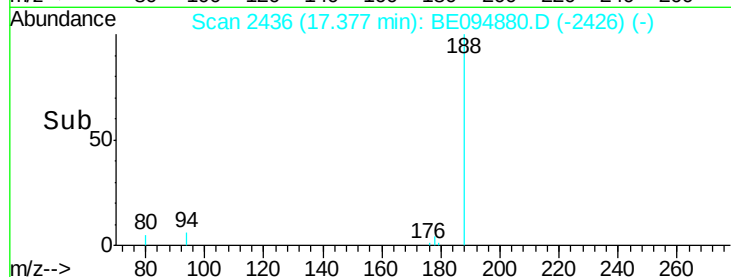
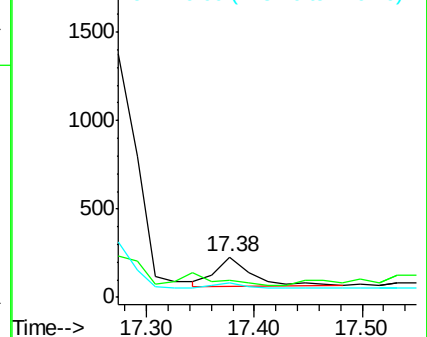
176 35.2 14.7 22.1#



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: 0.21 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

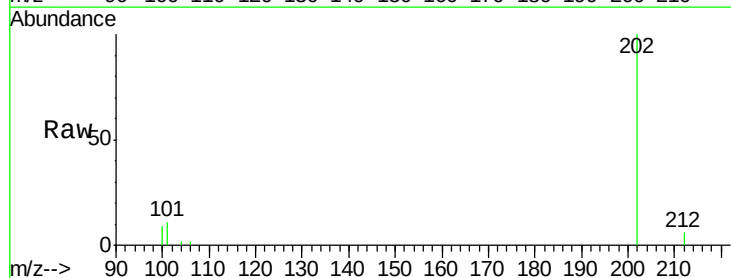
Tgt Ion:202 Resp: 4546

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.3

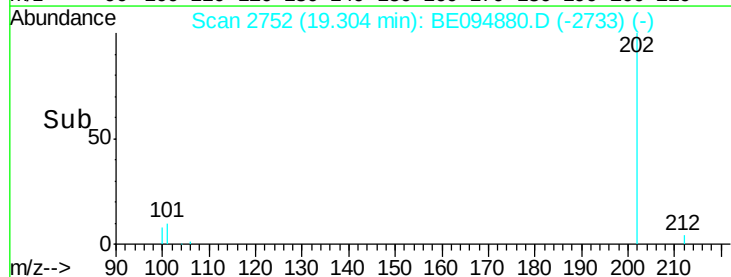
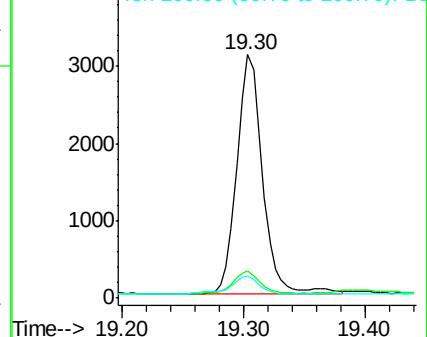
100 9.0 0.0 39.5

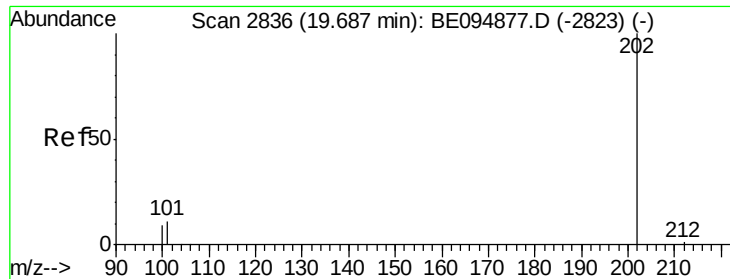


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

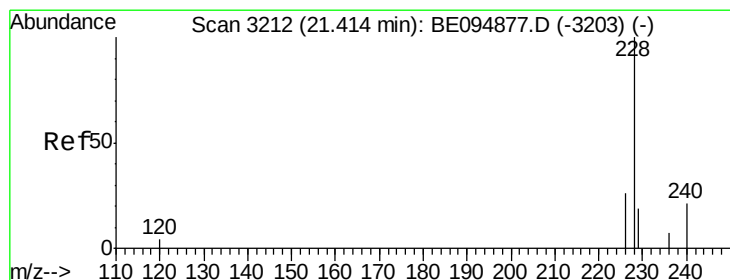
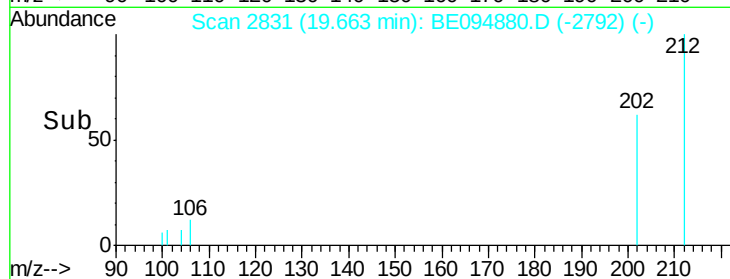
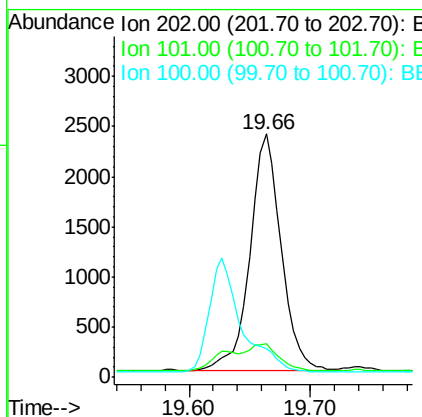
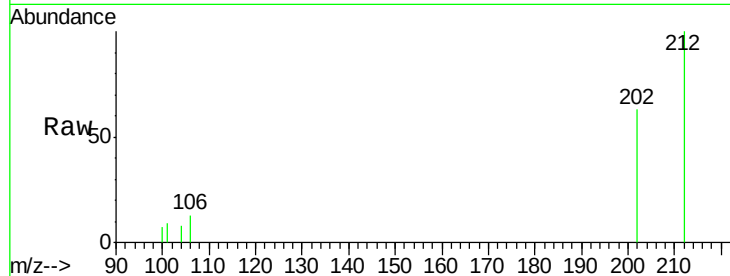




#17
Pvrene
Concen: 0.22 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BE094880.D
Acq: 28 Nov 2017 12:51

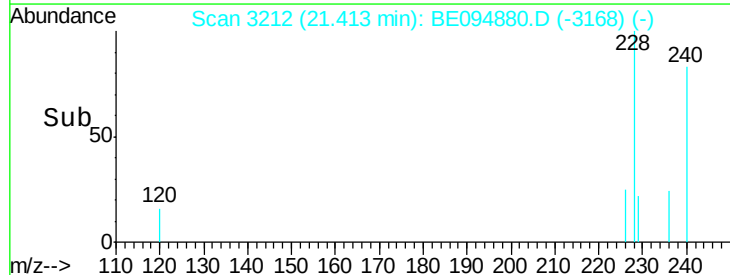
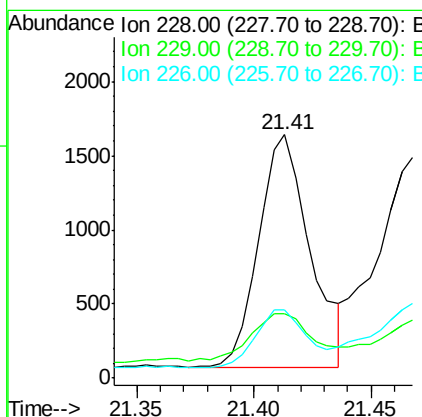
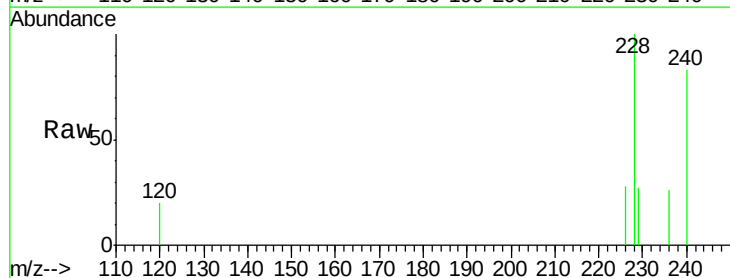
Instrument :
BNA_E
ClientSampleId :
C0AB2

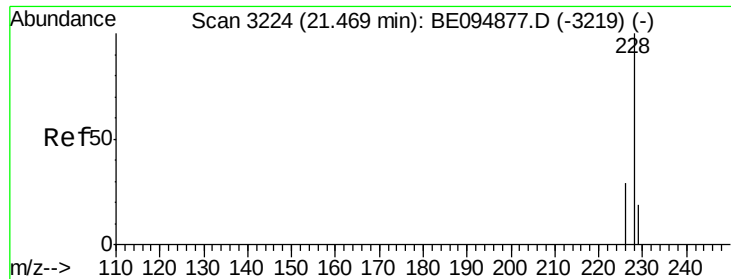
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	11.6	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.13 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. -0.00 min
Lab File: BE094880.D
Acq: 28 Nov 2017 12:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.7	22.8	34.2
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 0.15 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

ClientSampleId :

C0AB2

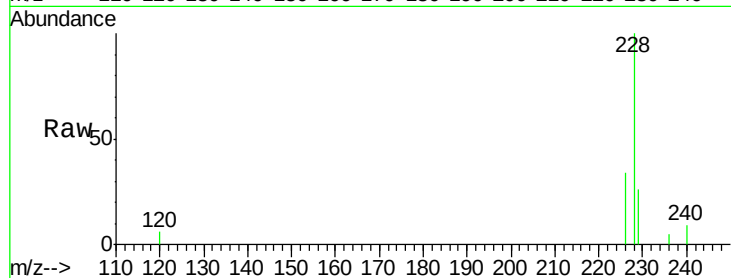
Tot Ion:228 Resp: 2767

Ion Ratio Lower Upper

228 100

226 33.6 23.4 35.0

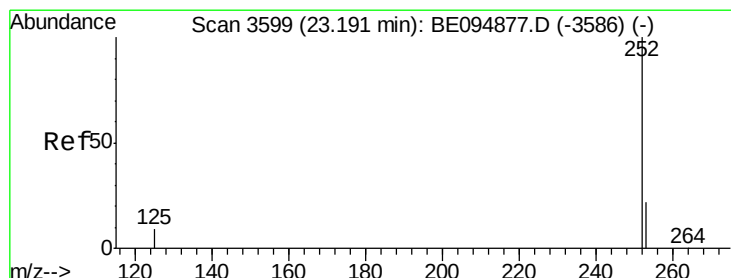
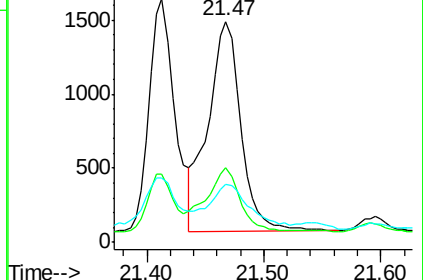
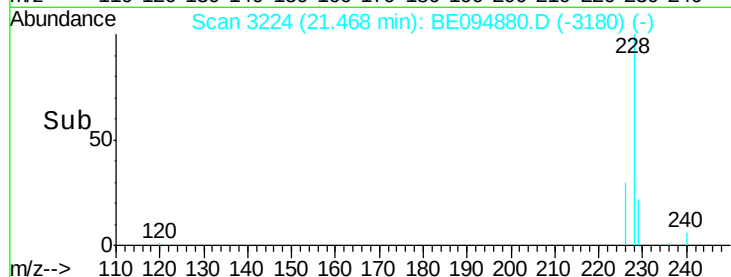
229 26.3 17.7 26.5



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: 0.26 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

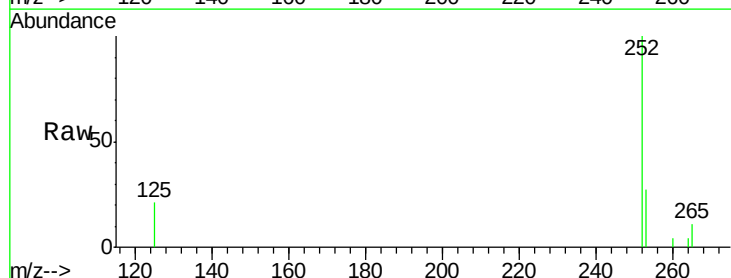
Tgt Ion:252 Resp: 4697

Ion Ratio Lower Upper

252 100

253 26.8 0.0 64.2

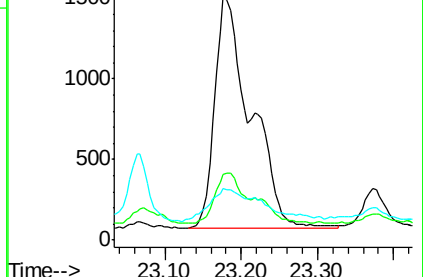
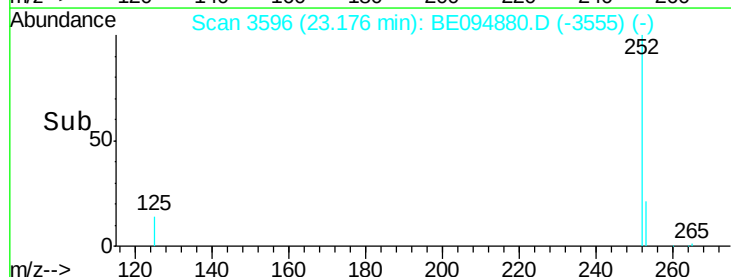
125 21.1 0.0 35.0

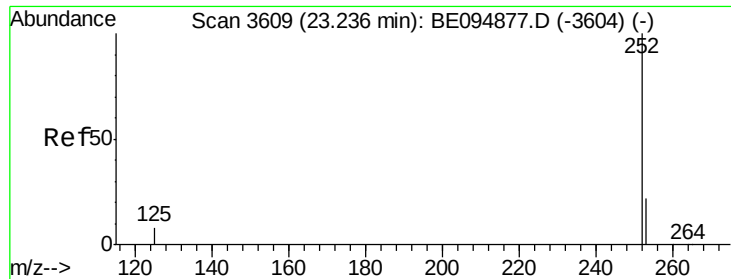


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.24 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.06 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

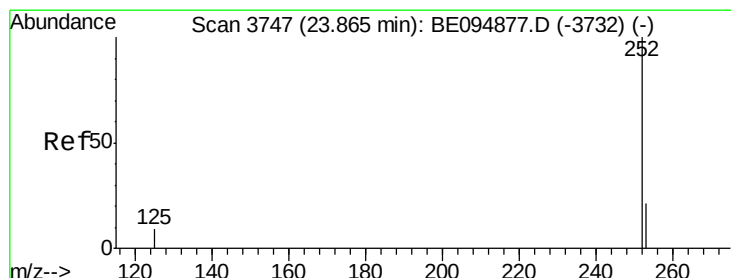
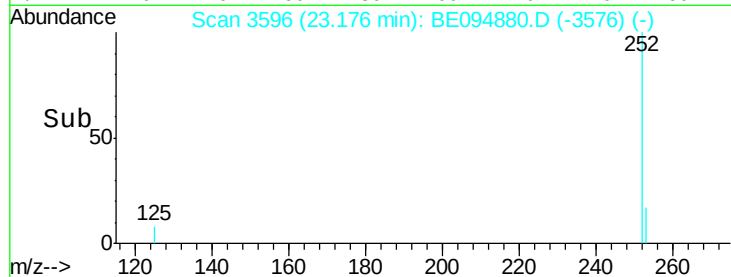
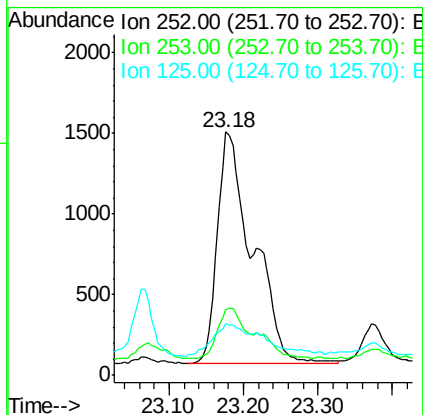
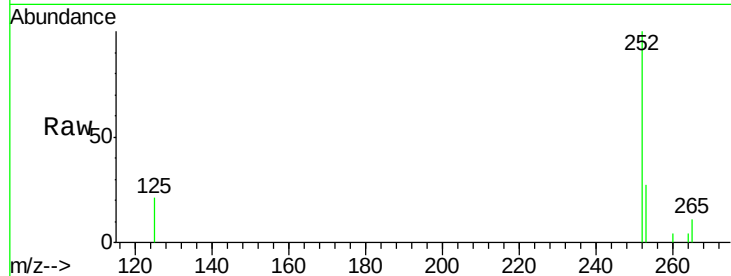
Instrument :

BNA_E

ClientSampleId :

C0AB2

Tot Ion:252	Resp:	4697
Ion Ratio	Lower	Upper
252	100	
253	26.8	24.5 36.7
125	21.1	13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.12 ng/ul

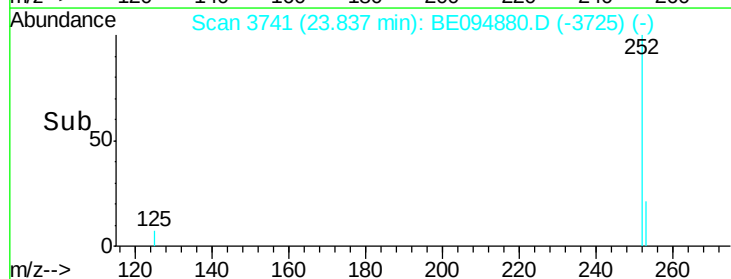
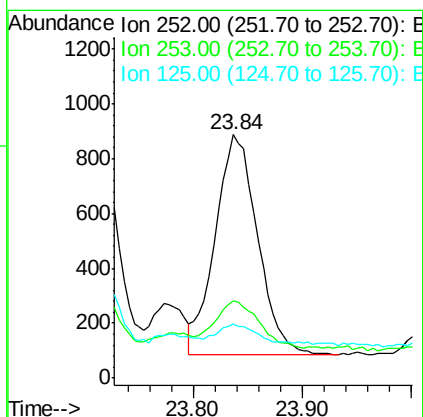
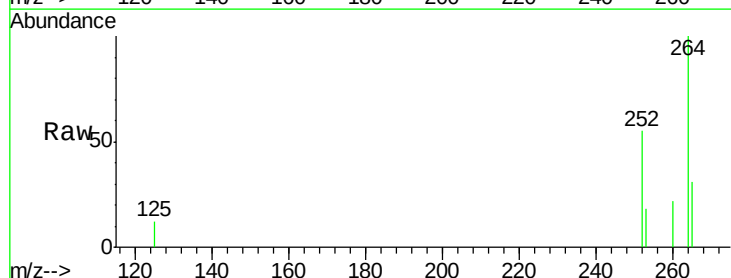
RT: 23.84 min Scan# 3741

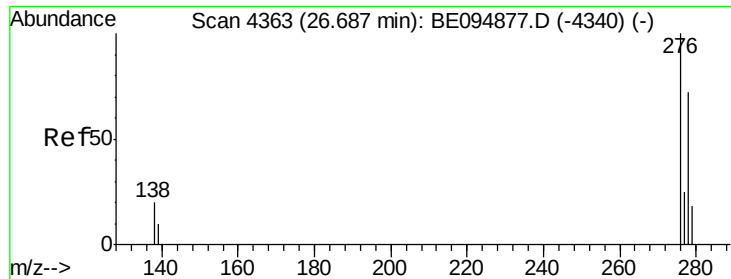
Delta R.T. -0.03 min

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Tgt Ion:252	Resp:	2153
Ion Ratio	Lower	Upper
252	100	
253	31.8	28.5 42.7
125	22.3	18.1 27.1

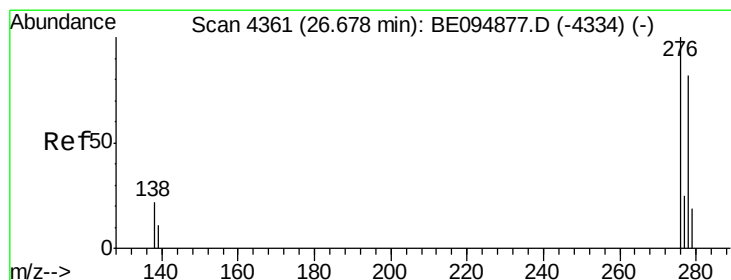
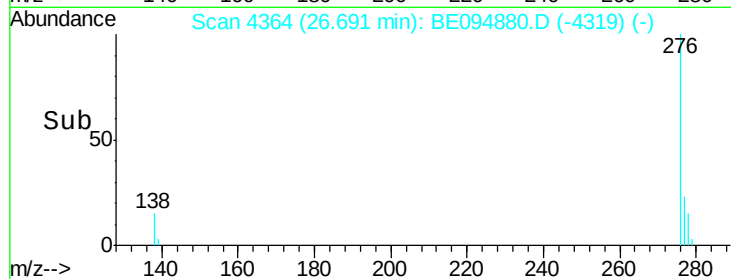
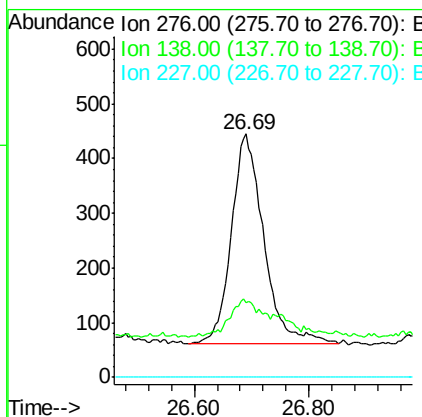
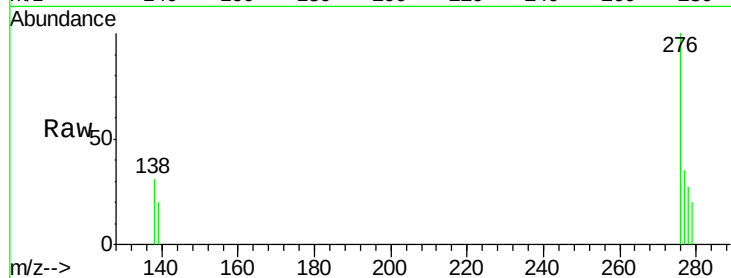




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng/ul
 RT: 26.69 min Scan# 4364
 Delta R.T. 0.00 min
 Lab File: BE094880.D
 Acq: 28 Nov 2017 12:51

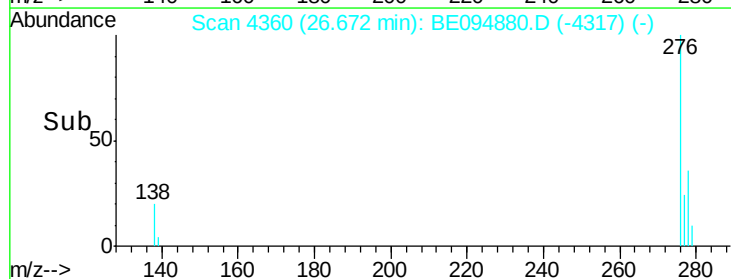
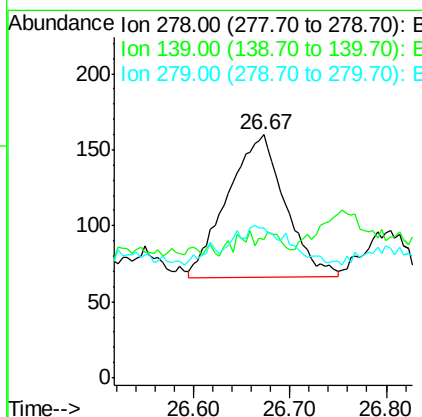
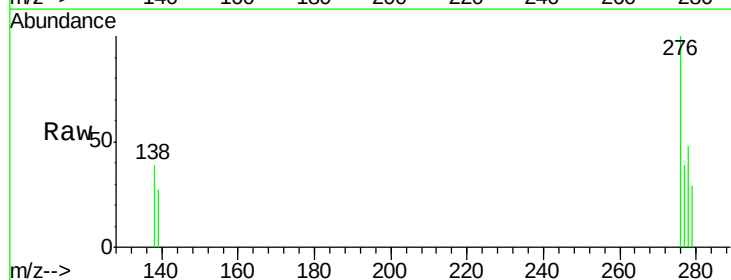
Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

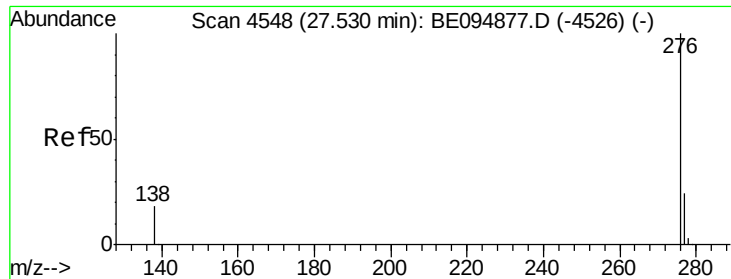
Tot Ion:276 Resp: 1512
 Ion Ratio Lower Upper
 276 100
 138 23.3 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 26.67 min Scan# 4360
 Delta R.T. -0.01 min
 Lab File: BE094880.D
 Acq: 28 Nov 2017 12:51

Tgt Ion:278 Resp: 388
 Ion Ratio Lower Upper
 278 100
 139 56.9 17.4 26.0#
 279 61.9 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.06 ng/ul

RT: 27.54 min Scan# 4551

Delta R.T. 0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

ClientSampleId :

C0AB2

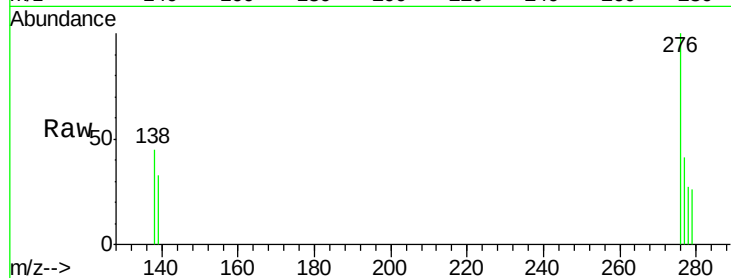
Tot Ion:276 Resp: 935

Ion Ratio Lower Upper

276 100

138 45.4 21.8 32.8#

277 41.0 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

