

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093264.D
 Acq On : 19 Jun 2017 23:29
 Operator : SJ/MA
 Sample : I3600-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A17

Quant Time: Jun 20 15:24:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

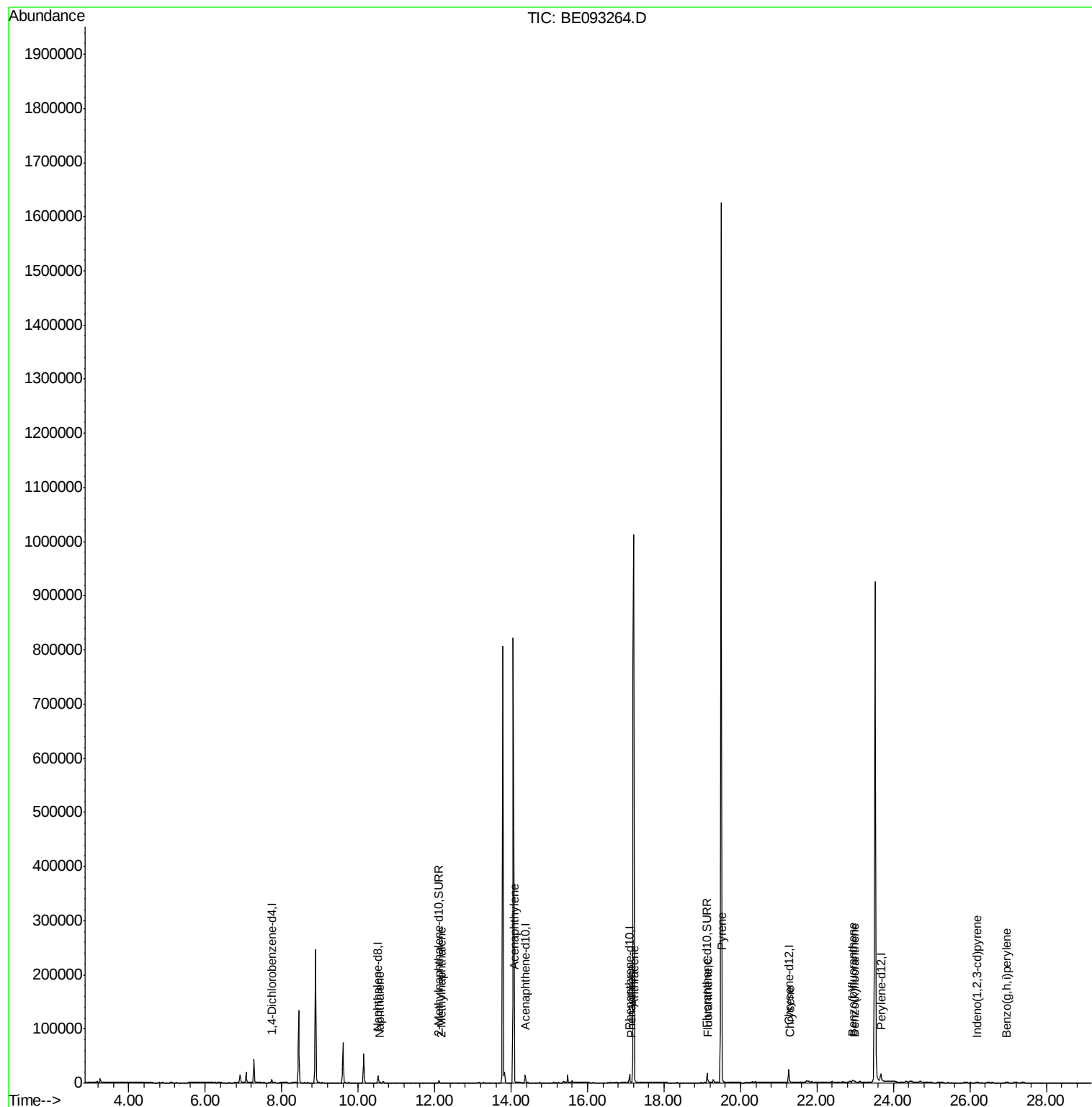
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13303	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	8437	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20337m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20543	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	16614m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6676	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	19374	0.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	812	0.025	ng/ul#	78
5) 2-Methylnaphthalene	12.18	142	410	0.018	ng/ul	100
7) Acenaphthylene	14.09	152	1171	0.032	ng/ul#	87
12) Phenanthrene	17.14	178	989	0.018	ng/ul#	80
13) Anthracene	17.22	178	6105	0.125	ng/ul#	93
15) Fluoranthene	19.15	202	1872	0.027	ng/ul#	61
17) Pyrene	19.52	202	3566	0.059	ng/ul	99
19) Chrysene	21.29	228	2257	0.040	ng/ul#	66
21) Benzo(b)fluoranthene	22.93	252	4912	0.097	ng/ul#	75
22) Benzo(k)fluoranthene	22.98	252	1536m	0.029	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	1998m	0.036	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	1738	0.037	ng/ul#	62

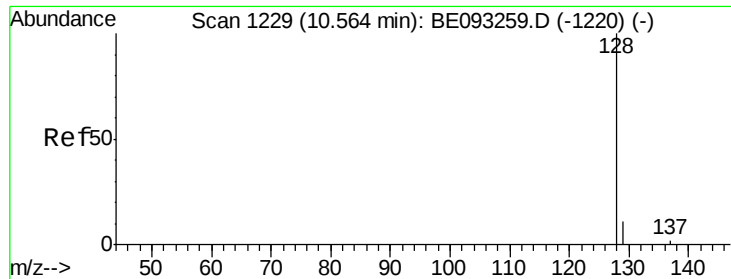
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

Instrument :

BNA_E

ClientSampleId :

F5A17

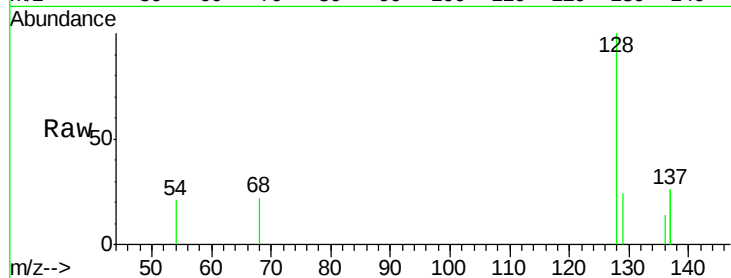
Tgt Ion:128 Resp: 812

Ion Ratio Lower Upper

128 100

129 24.3 11.3 16.9#

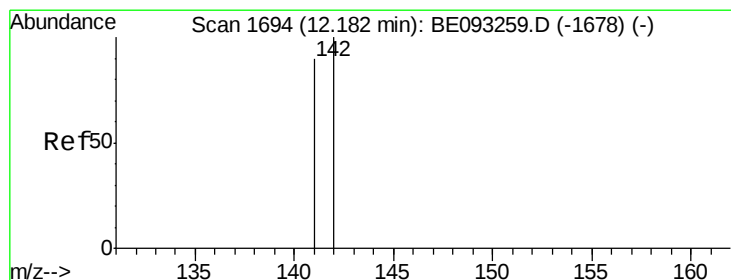
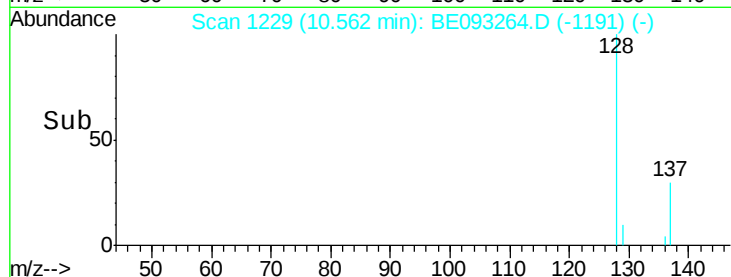
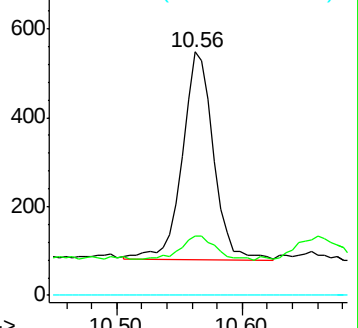
127 0.0 4.0 6.0#



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: 0.018 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093264.D

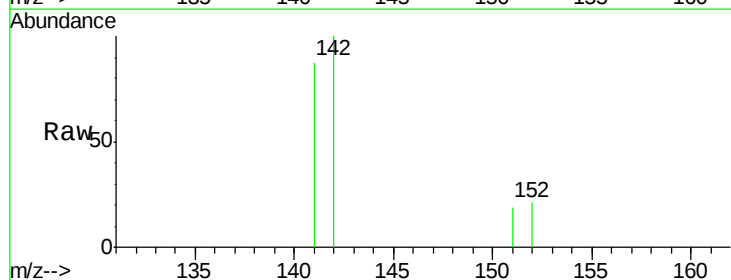
Acq: 19 Jun 2017 23:29

Tgt Ion:142 Resp: 410

Ion Ratio Lower Upper

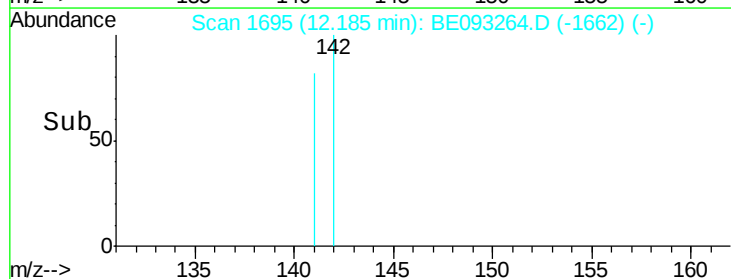
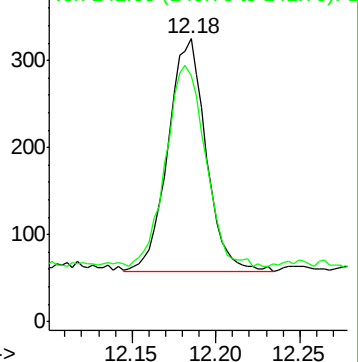
142 100

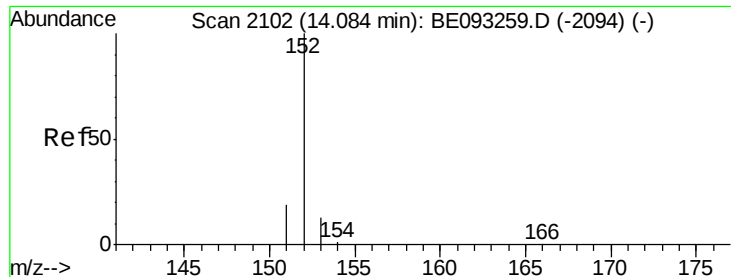
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

Instrument :

BNA_E

ClientSampleId :

F5A17

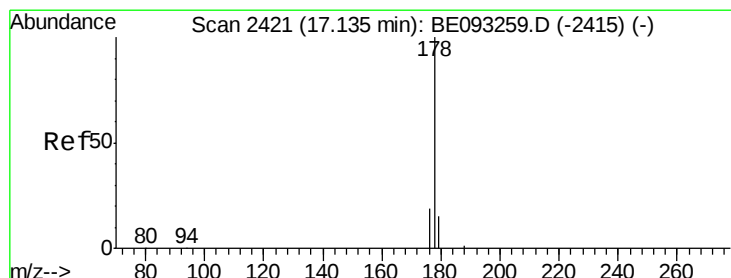
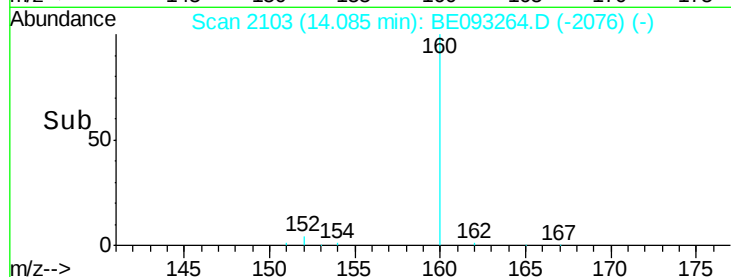
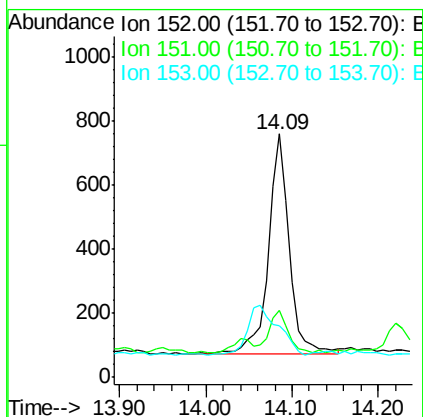
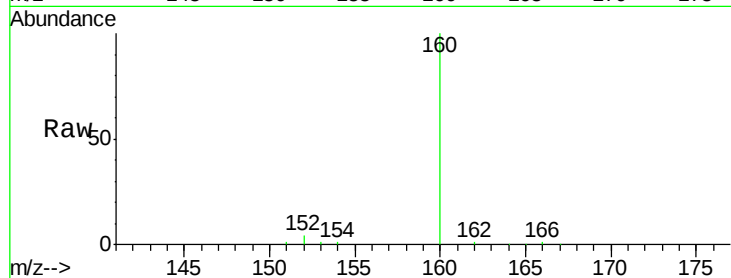
Tgt Ion:152 Resp: 1171

Ion Ratio Lower Upper

152 100

151 27.3 17.1 25.7#

153 21.3 12.8 19.2#



#12

Phenanthrene

Concen: 0.018 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

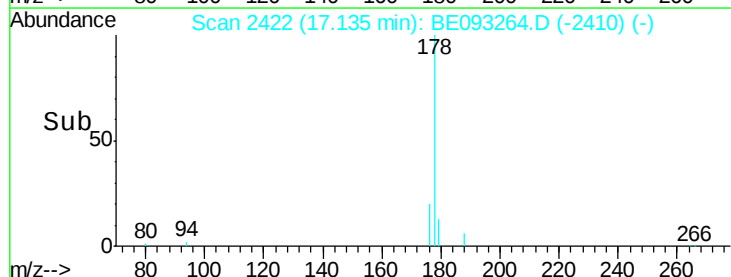
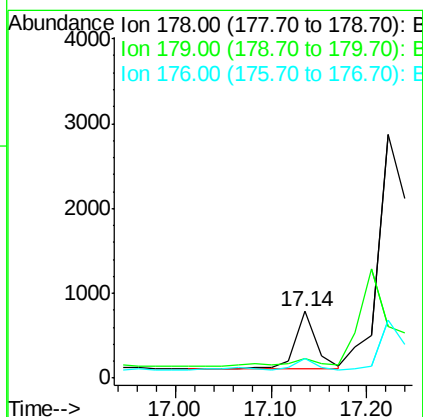
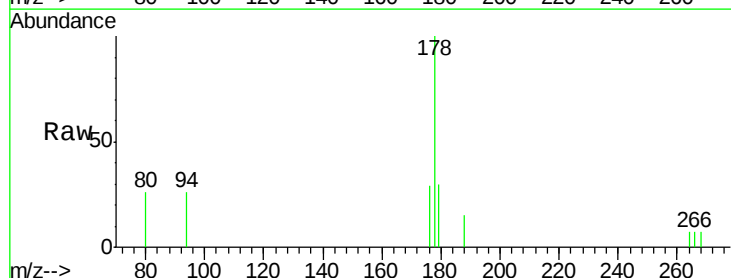
Tgt Ion:178 Resp: 989

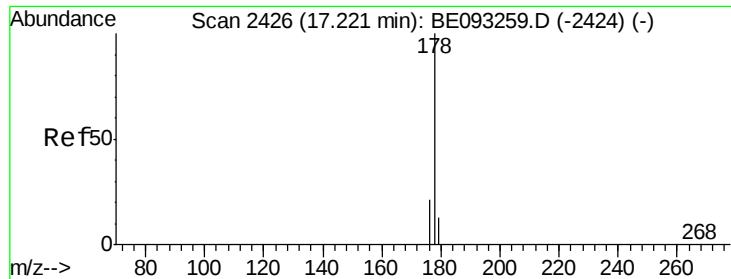
Ion Ratio Lower Upper

178 100

179 29.8 18.4 27.6#

176 29.3 13.6 20.4#





#13

Anthracene

Concen: 0.125 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

Instrument :

BNA_E

ClientSampleId :

F5A17

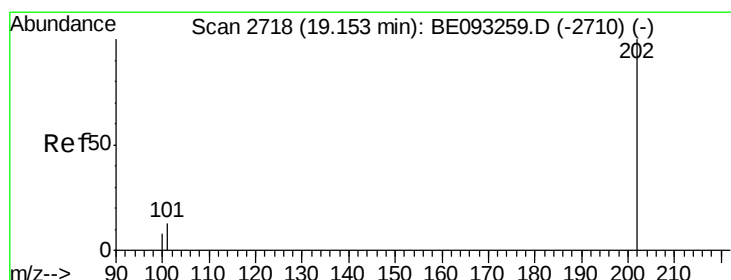
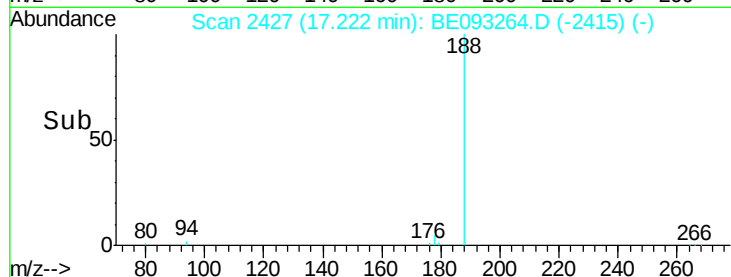
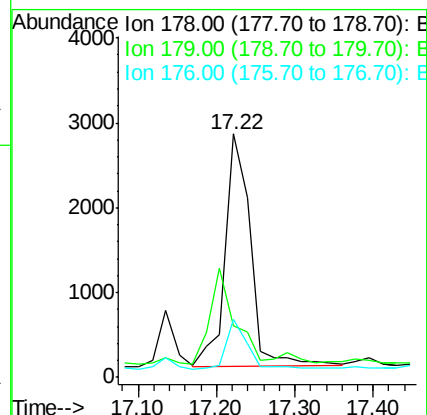
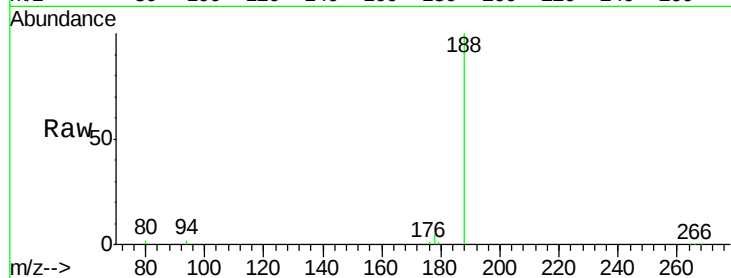
Tgt Ion:178 Resp: 6105

Ion Ratio Lower Upper

178 100

179 21.3 18.1 27.1

176 24.0 14.7 22.1#



#15

Fluoranthene

Concen: 0.027 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

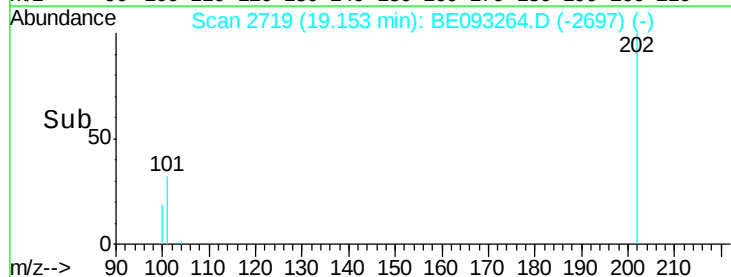
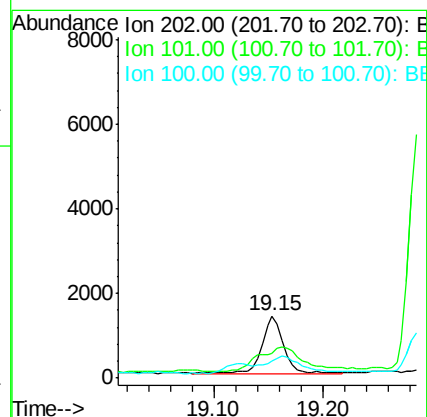
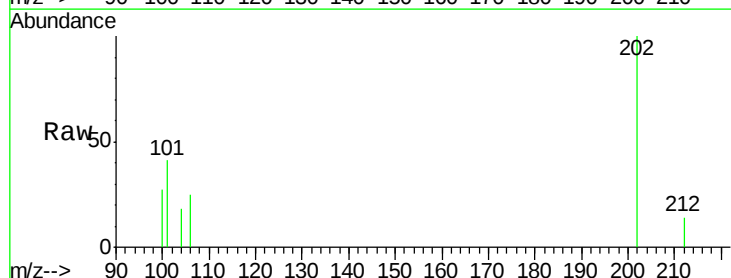
Tgt Ion:202 Resp: 1872

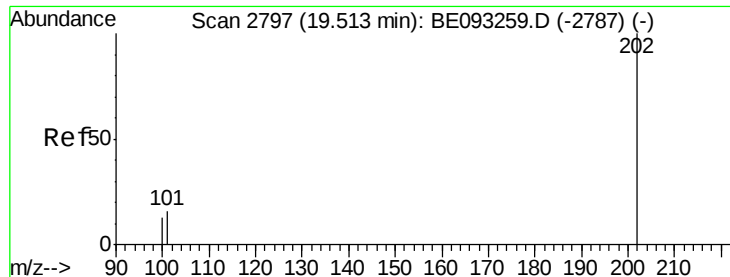
Ion Ratio Lower Upper

202 100

101 40.9 0.0 30.3#

100 26.7 0.0 39.5





#17

Pyrene

Concen: 0.059 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

Instrument :

BNA_E

ClientSampleId :

F5A17

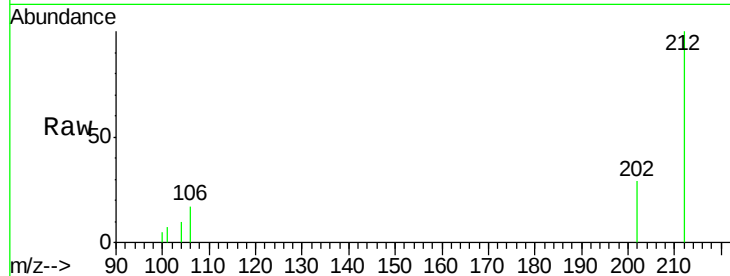
Tgt Ion:202 Resp: 3566

Ion Ratio Lower Upper

202 100

101 22.9 18.2 27.4

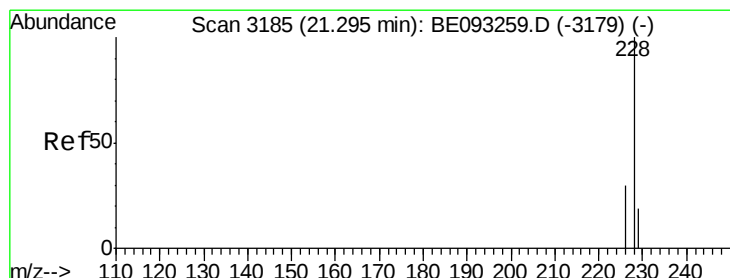
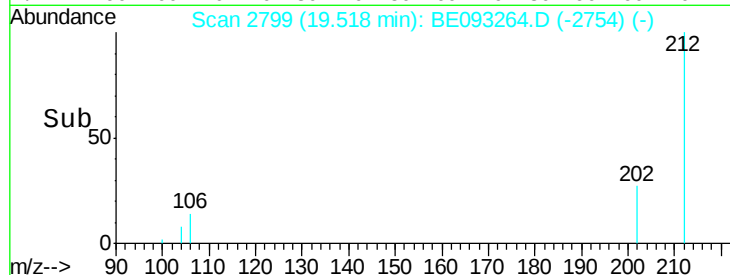
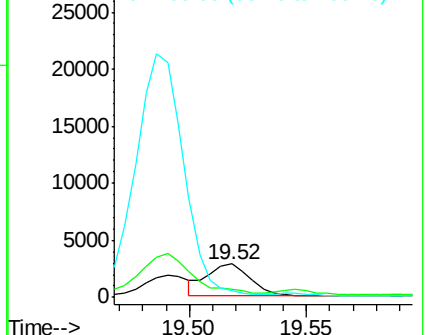
100 18.6 15.6 23.4



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



#19

Chrysene

Concen: 0.040 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

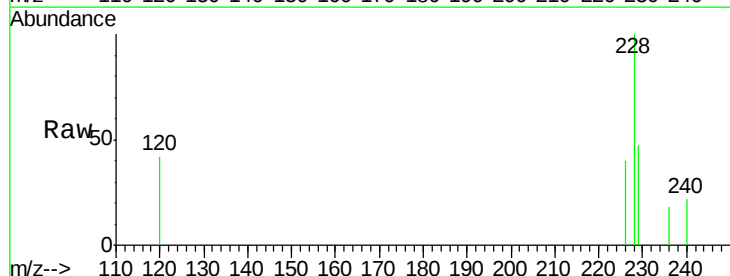
Tgt Ion:228 Resp: 2257

Ion Ratio Lower Upper

228 100

226 39.7 23.4 35.0#

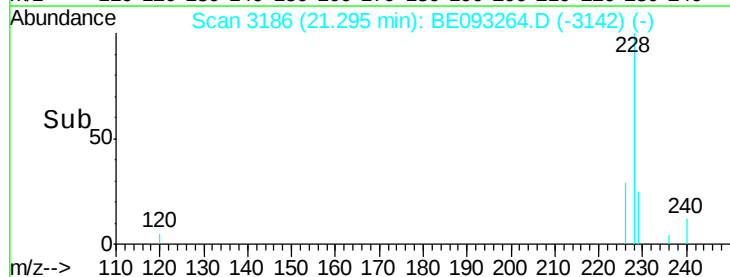
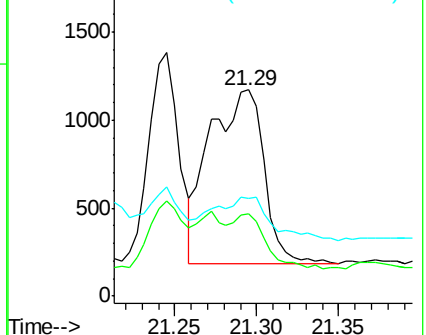
229 47.1 17.7 26.5#

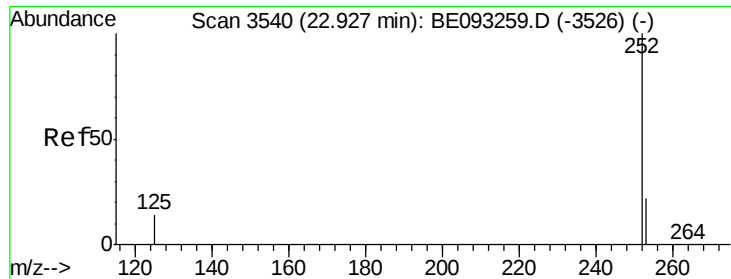


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.097 ng/ul

RT: 22.93 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

Instrument :

BNA_E

ClientSampleId :

F5A17

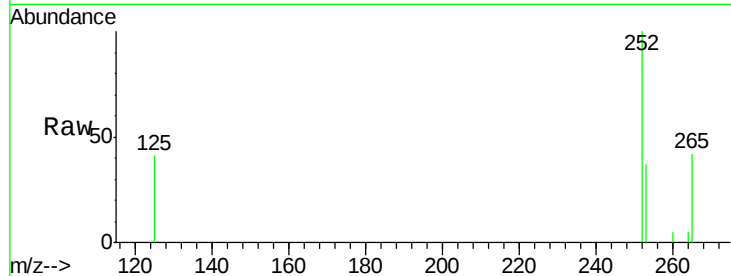
Tgt Ion:252 Resp: 4912

Ion Ratio Lower Upper

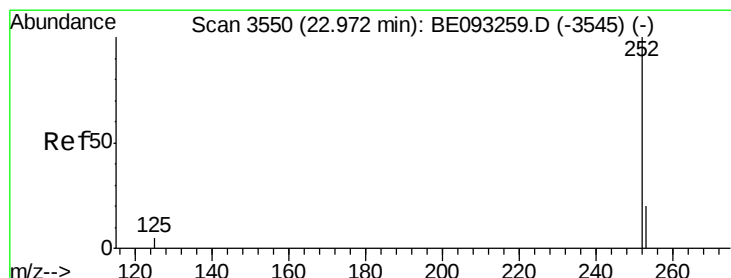
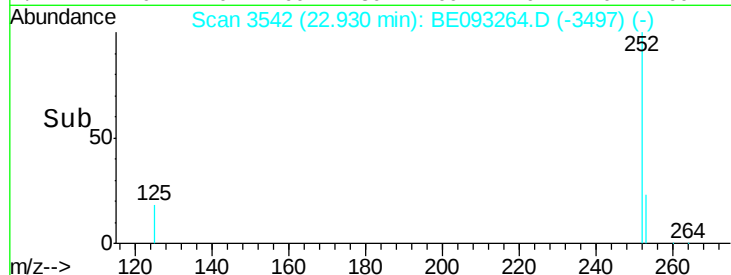
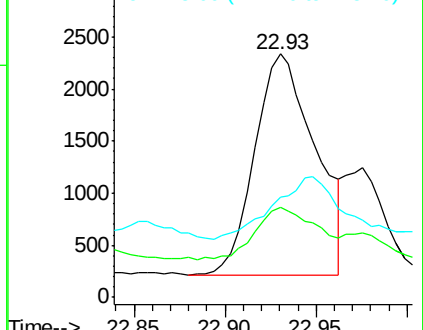
252 100

253 36.8 0.0 64.2

125 41.2 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: 0.029 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

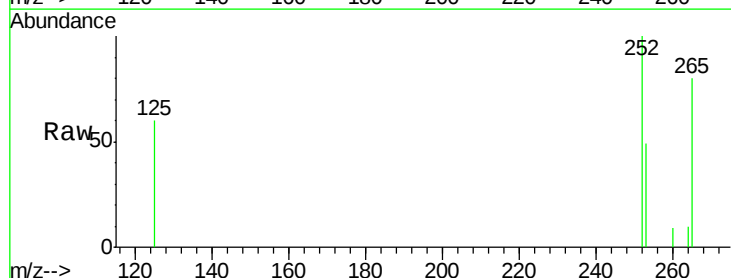
Tgt Ion:252 Resp: 1536

Ion Ratio Lower Upper

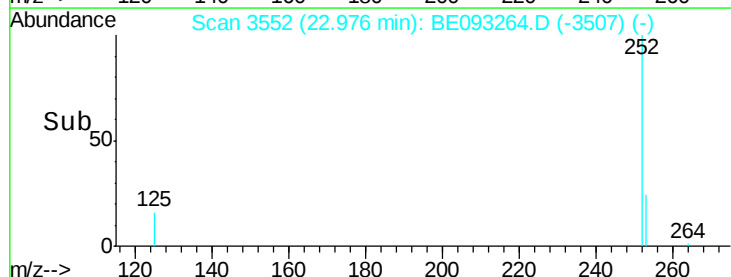
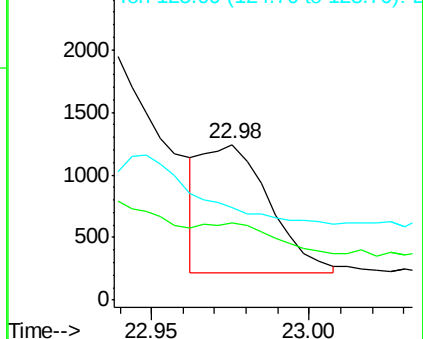
252 100

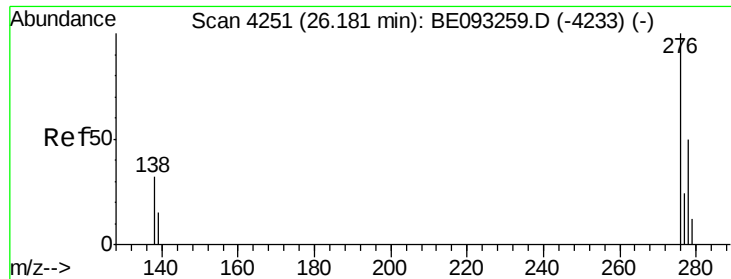
253 49.5 24.5 36.7#

125 59.9 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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.036 ng/ul m

RT: 26.18 min Scan# 4252

Delta R.T. -0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

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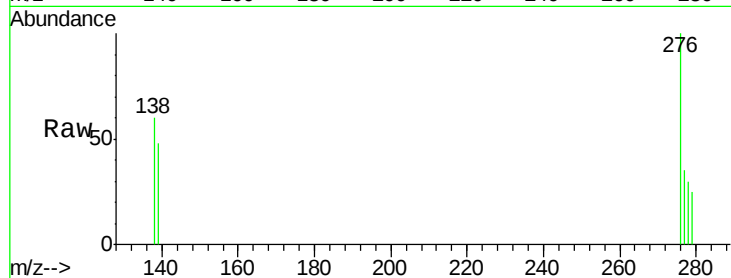
Tgt Ion:276 Resp: 1998

Ion Ratio Lower Upper

276 100

138 2.1 28.0 42.0#

227 0.0 8.0 12.0#

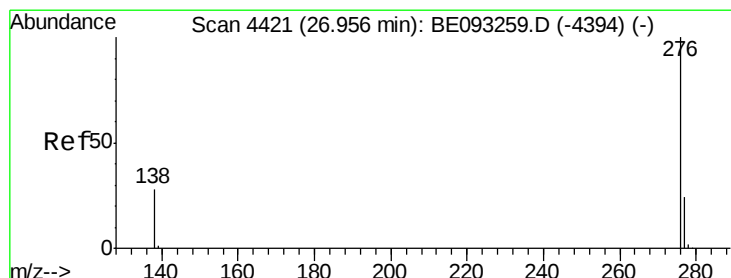
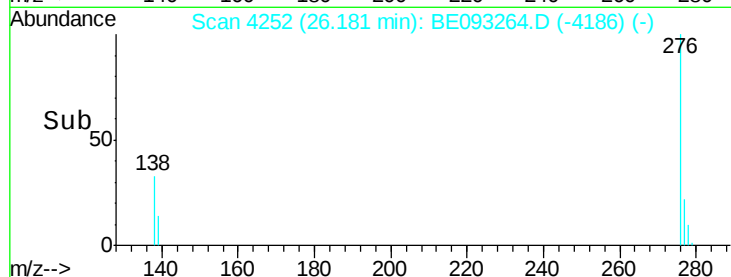
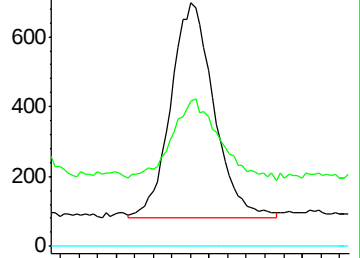


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

26.18



#26

Benzo(g,h,i)perylene

Concen: 0.037 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. 0.00 min

Lab File: BE093264.D

Acq: 19 Jun 2017 23:29

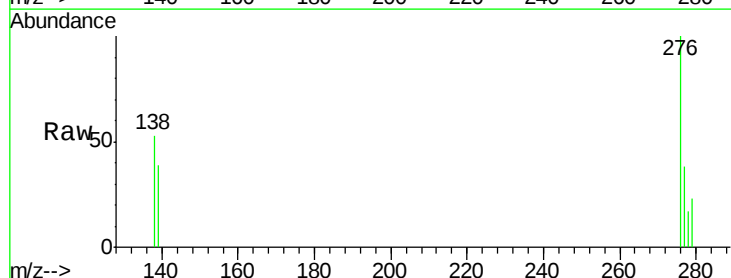
Tgt Ion:276 Resp: 1738

Ion Ratio Lower Upper

276 100

138 53.4 21.8 32.8#

277 38.1 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

26.96

