

Data File : BE093284.D
Acq On : 20 Jun 2017 16:44
Operator : SJ/JU
Sample : I3625-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C79

Quant Time: Jun 21 01:50:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1660	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8847	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13507	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13212	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	625807	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3260	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9060	0.25	ng/ul	0.00

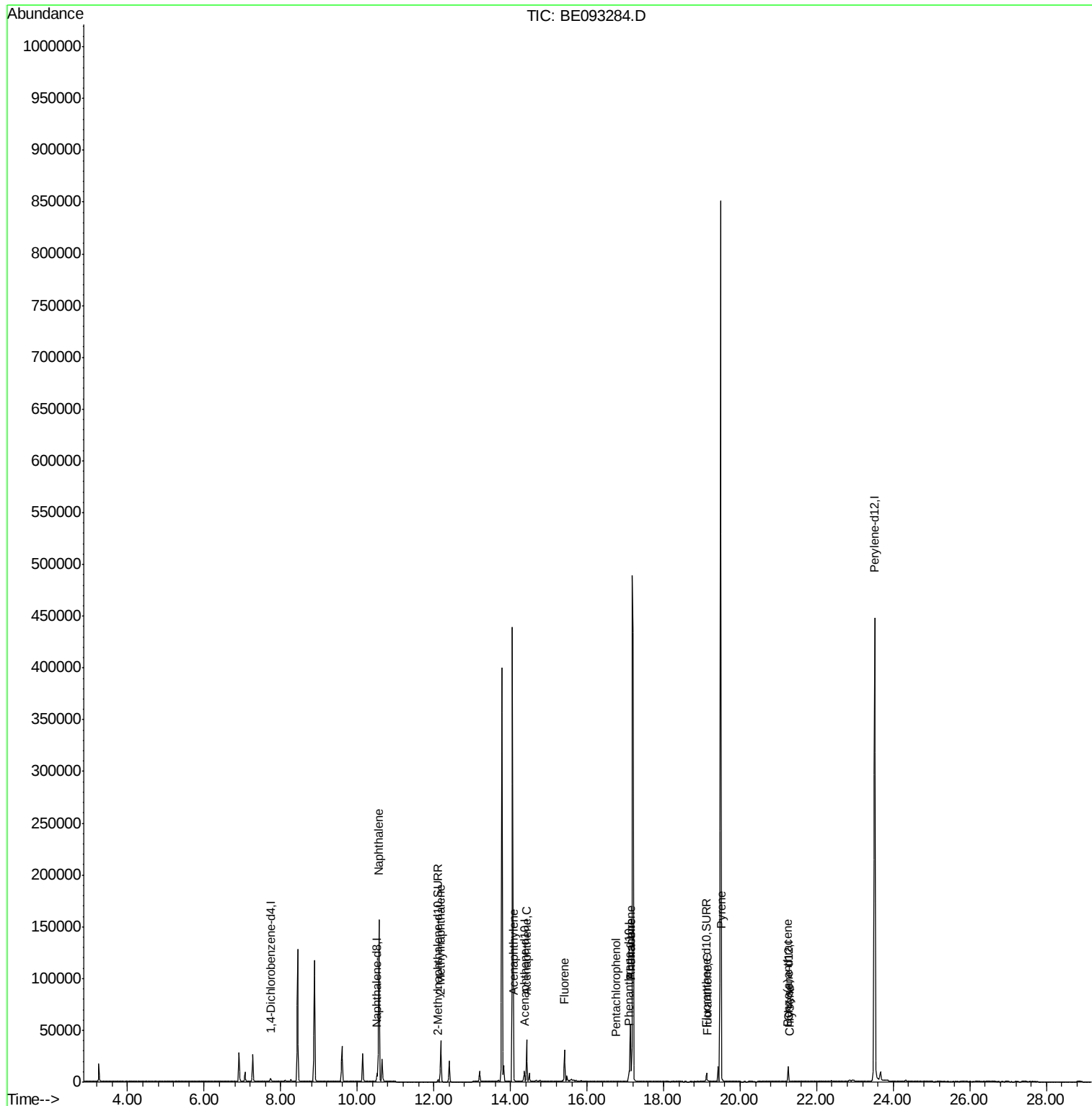
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	230188	10.49	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	33302	2.22	ng/ul	98
7) Acenaphthylene	14.09	152	1036	0.04	ng/ul#	73
8) Acenaphthene	14.42	153	23717	1.21	ng/ul	97
9) Fluorene	15.42	166	18897	0.82	ng/ul	94
11) Pentachlorophenol	16.75	266	44	0.02	ng/ul	95
12) Phenanthrene	17.14	178	57757	1.55	ng/ul#	89
13) Anthracene	17.14	178	57742	1.78	ng/ul#	91
15) Fluoranthene	19.15	202	2080	0.05	ng/ul	86
17) Pyrene	19.51	202	1443	0.04	ng/ul#	93
18) Benzo(a)anthracene	21.24	228	458	0.01	ng/ul#	66
19) Chrysene	21.30	228	657	0.02	ng/ul#	74

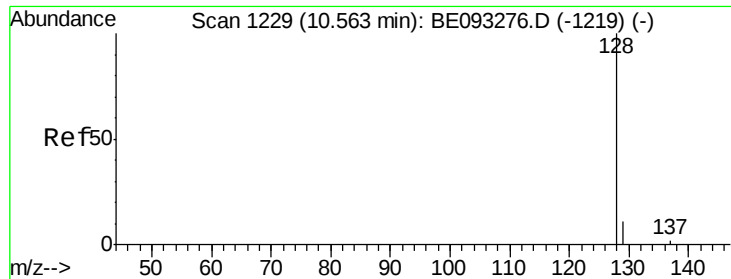
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 10.49 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

Instrument :

BNA_E

ClientSampleId :

F5C79

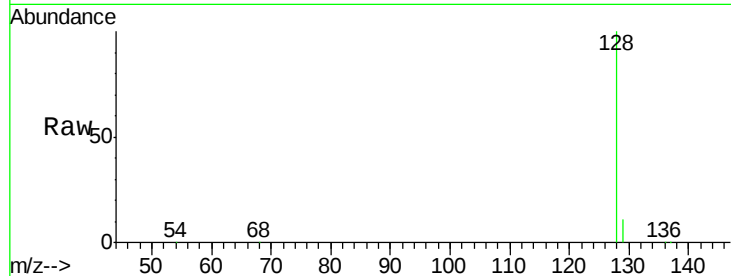
Tgt Ion:128 Resp: 230188

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

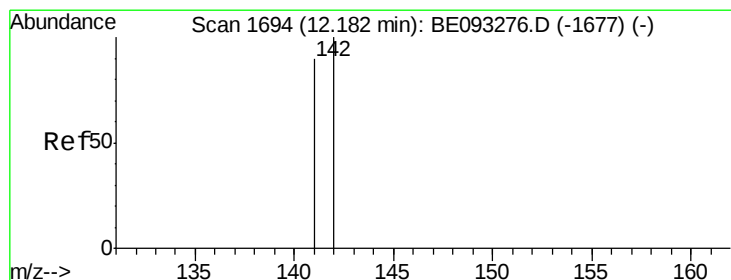
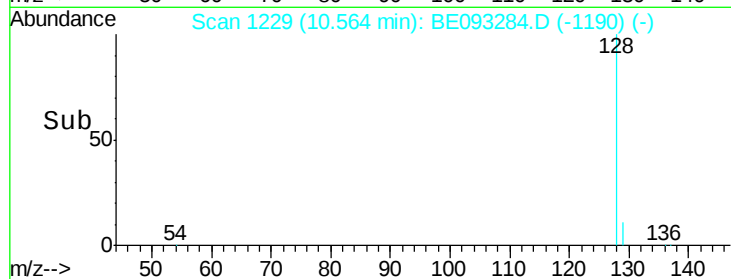
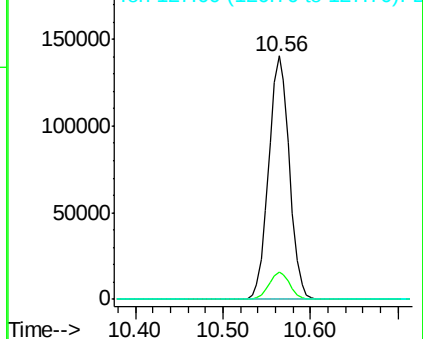
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 2.22 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093284.D

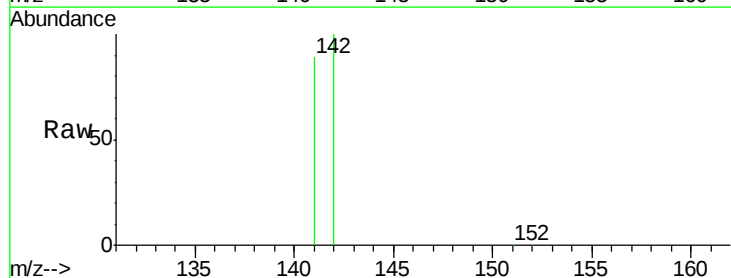
Acq: 20 Jun 2017 16:44

Tgt Ion:142 Resp: 33302

Ion Ratio Lower Upper

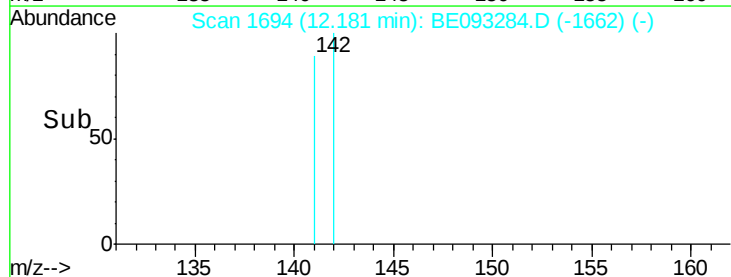
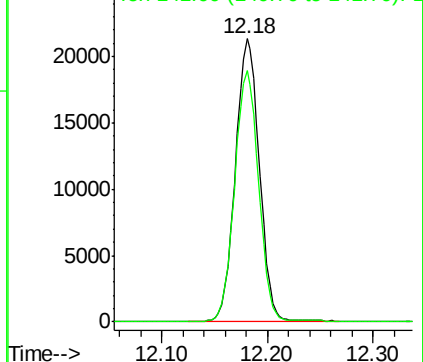
142 100

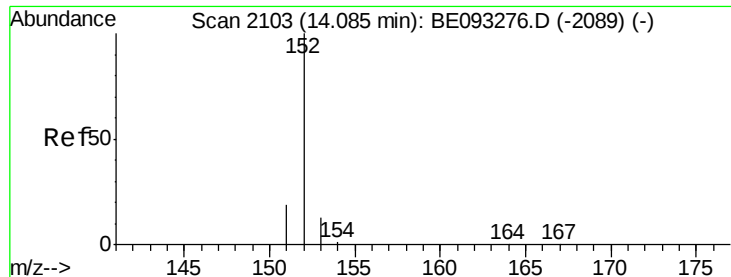
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

Instrument :

BNA_E

ClientSampleId :

F5C79

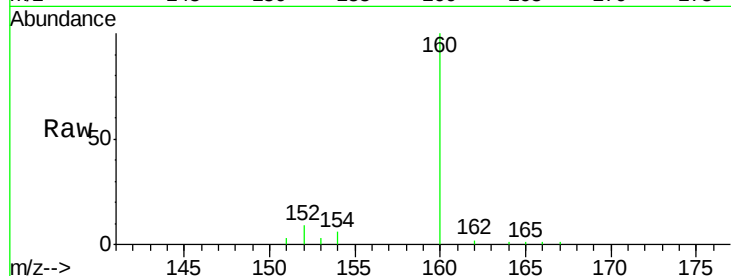
Tgt Ion:152 Resp: 1036

Ion Ratio Lower Upper

152 100

151 29.6 17.1 25.7#

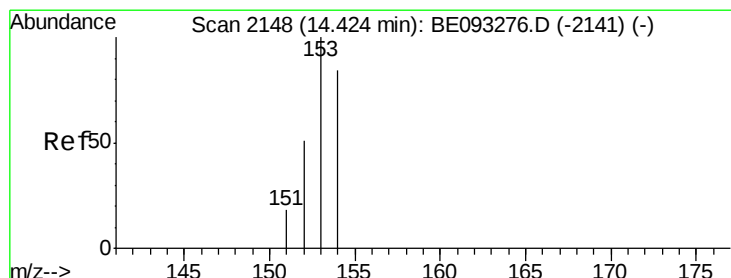
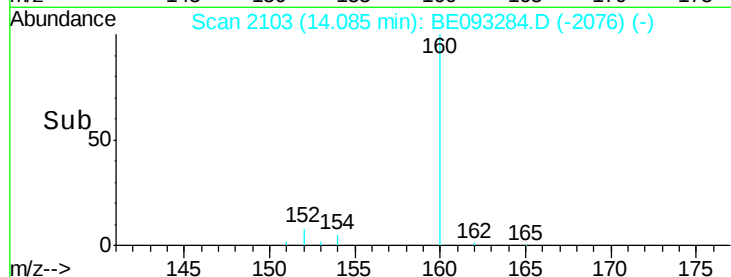
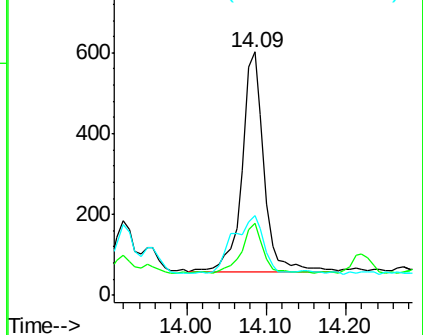
153 32.9 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.21 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

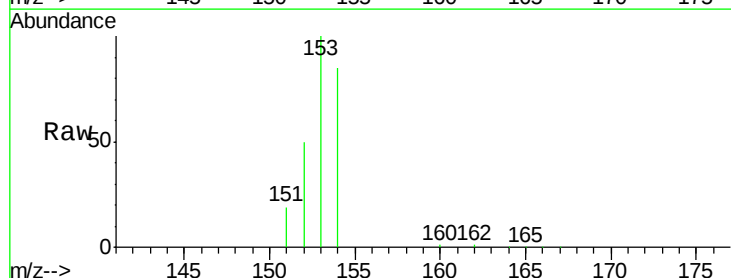
Tgt Ion:153 Resp: 23717

Ion Ratio Lower Upper

153 100

152 50.3 40.3 60.5

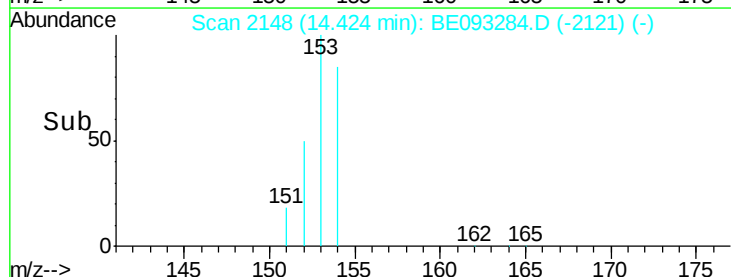
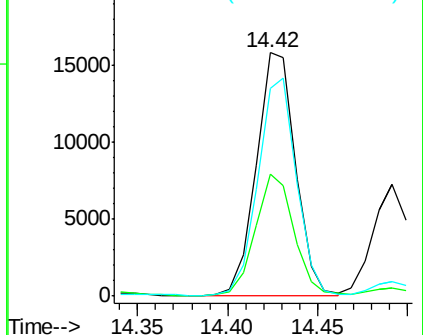
154 85.4 71.4 107.2

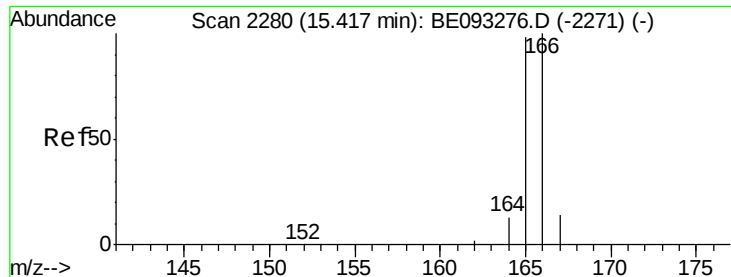


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

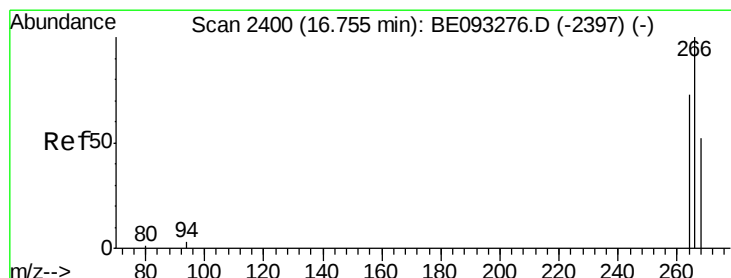
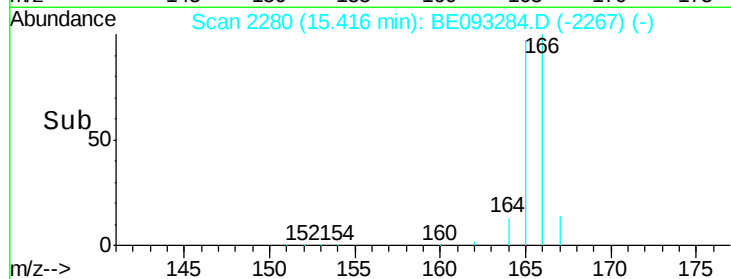
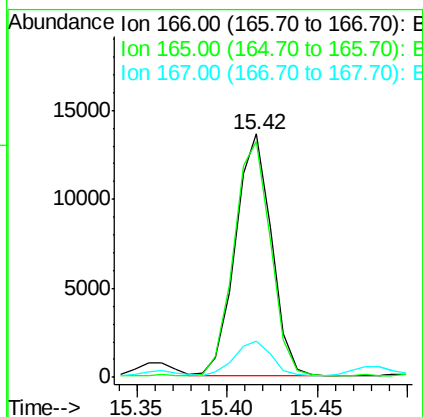
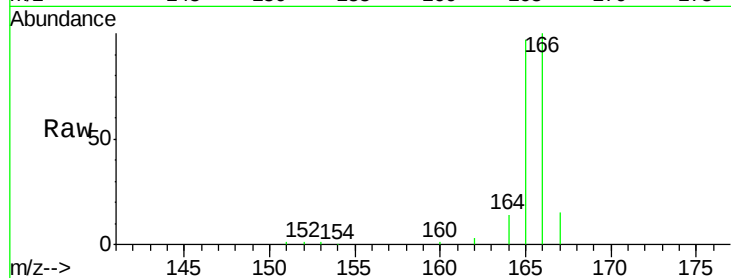




#9
Fluorene
 Concen: 0.82 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE093284.D
 Acq: 20 Jun 2017 16:44

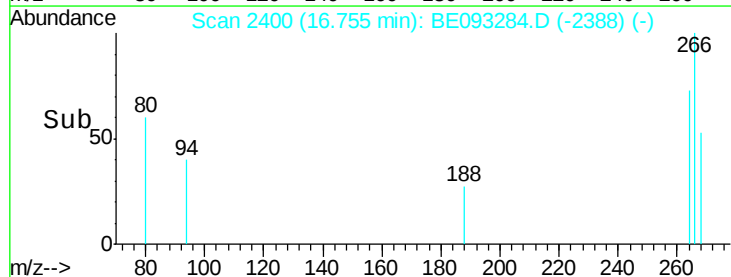
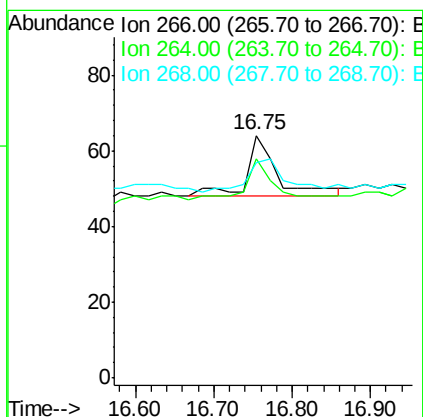
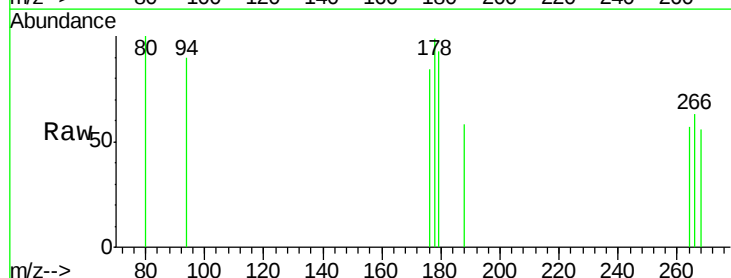
Instrument :
 BNA_E
 ClientSampleId :
 F5C79

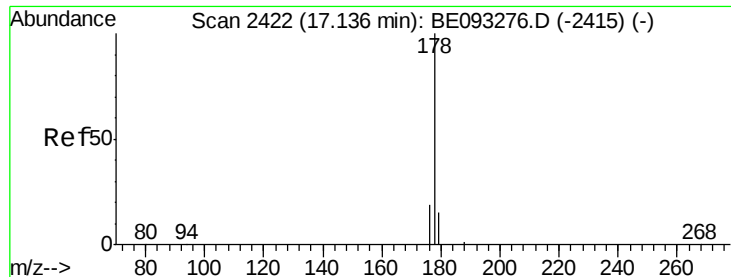
Tgt Ion:166 Resp: 18897
 Ion Ratio Lower Upper
 166 100
 165 96.7 73.4 110.2
 167 14.8 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.75 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BE093284.D
 Acq: 20 Jun 2017 16:44

Tgt Ion:266 Resp: 44
 Ion Ratio Lower Upper
 266 100
 264 61.4 47.9 71.9
 268 68.2 49.8 74.8





#12

Phenanthrene

Concen: 1.55 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

Instrument :

BNA_E

ClientSampleId :

F5C79

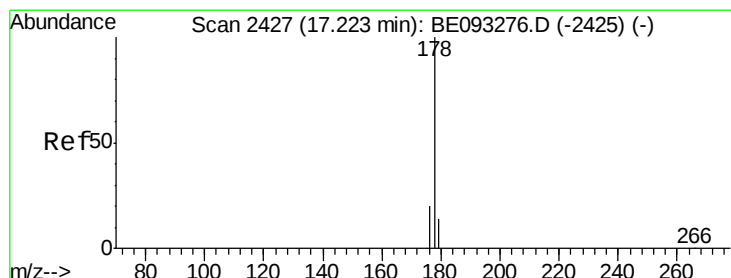
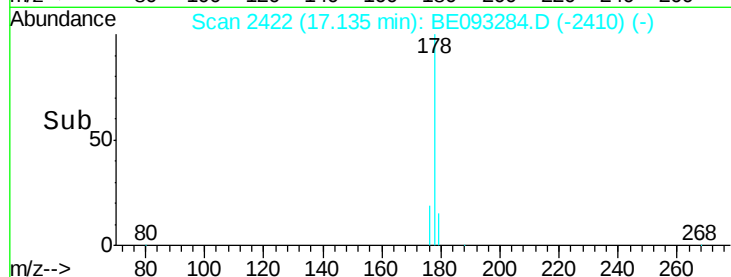
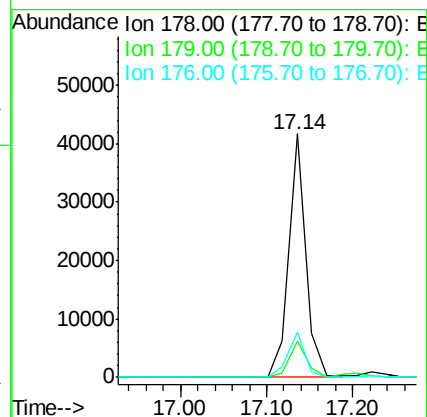
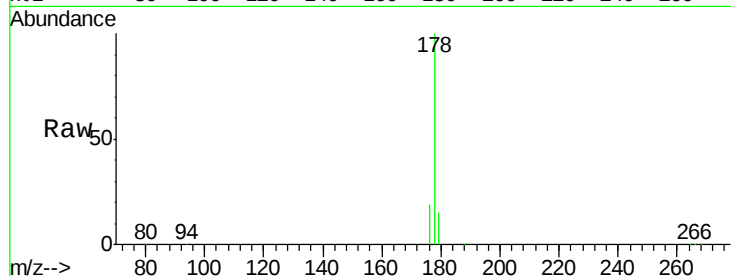
Tgt Ion:178 Resp: 57757

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 18.8 13.6 20.4



#13

Anthracene

Concen: 1.78 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

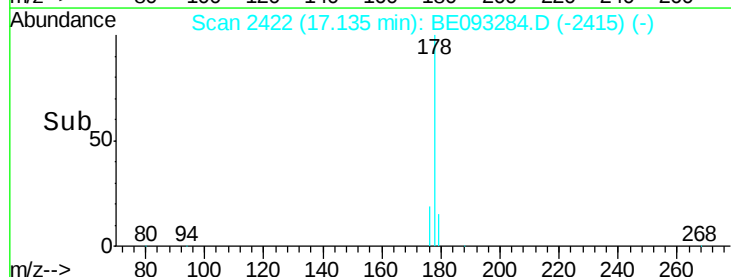
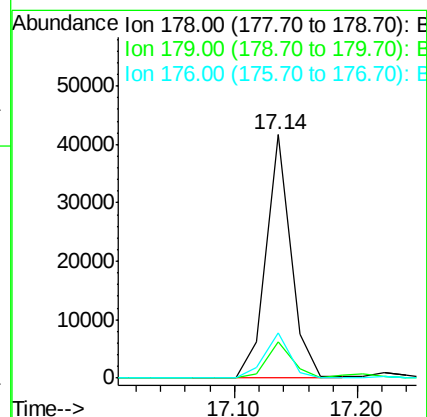
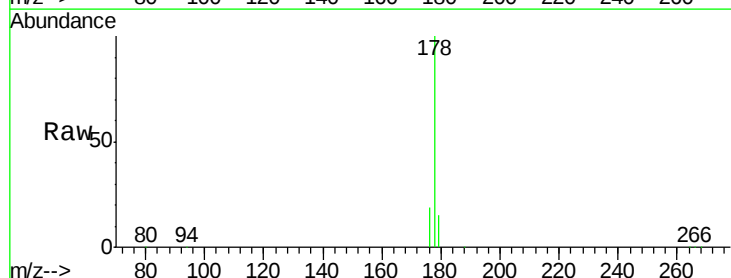
Tgt Ion:178 Resp: 57742

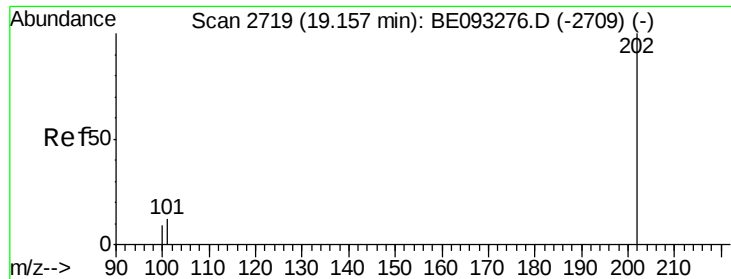
Ion Ratio Lower Upper

178 100

179 15.1 18.1 27.1#

176 18.8 14.7 22.1

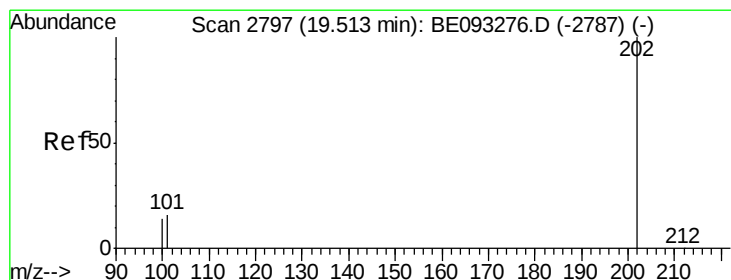
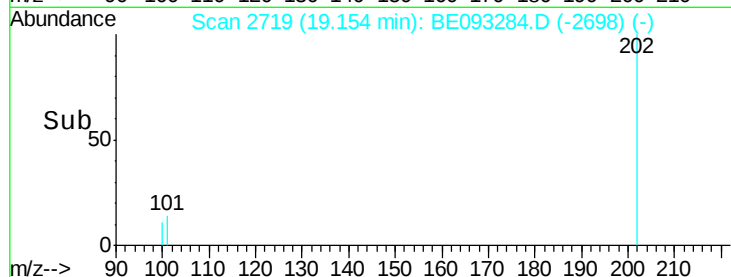
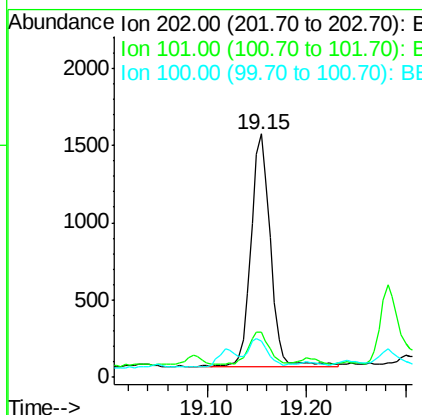
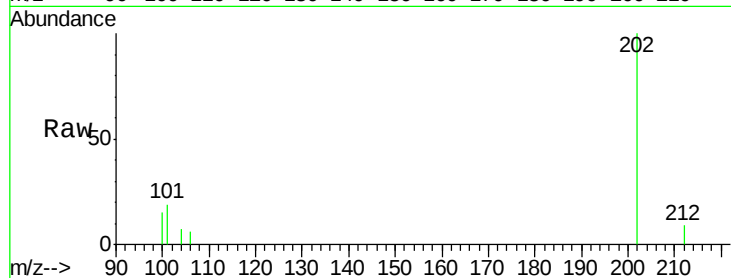




#15
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093284.D
Acq: 20 Jun 2017 16:44

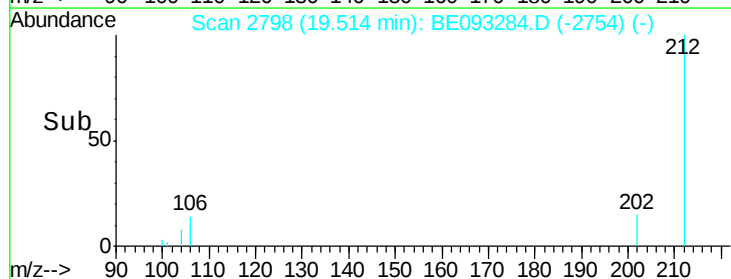
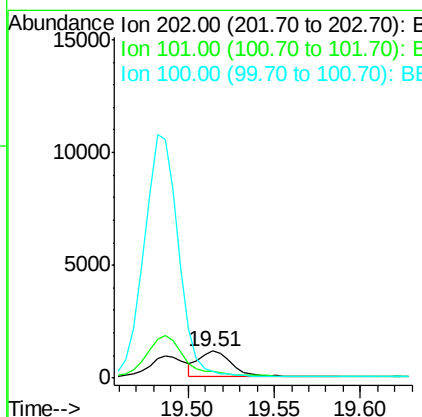
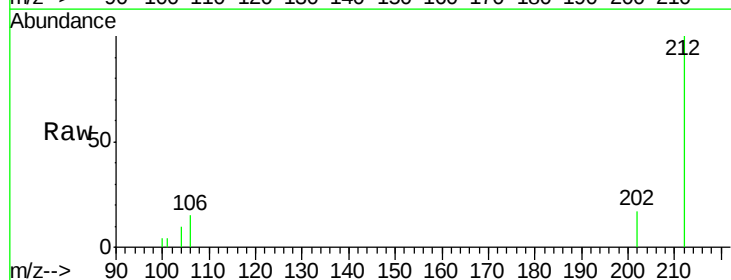
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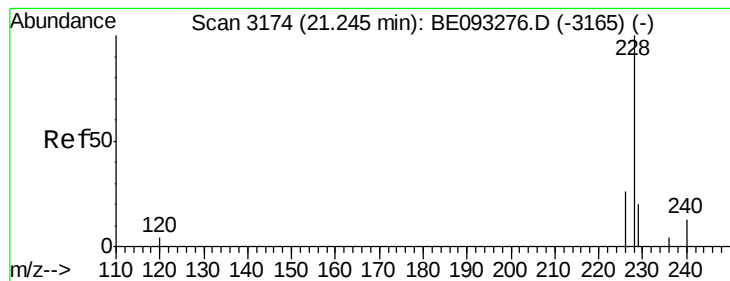
Tgt Ion:202 Resp: 2080
Ion Ratio Lower Upper
202 100
101 18.6 0.0 30.3
100 15.1 0.0 39.5



#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093284.D
Acq: 20 Jun 2017 16:44

Tgt Ion:202 Resp: 1443
Ion Ratio Lower Upper
202 100
101 24.7 18.2 27.4
100 23.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

Instrument :

BNA_E

ClientSampleId :

F5C79

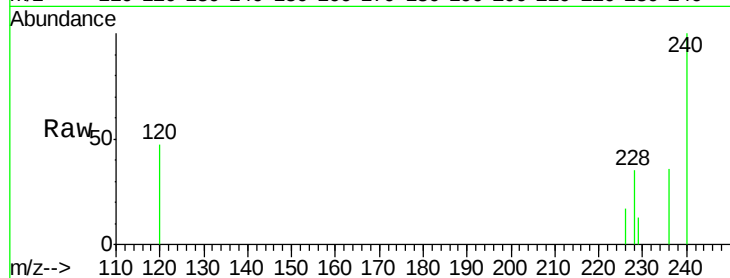
Tgt Ion:228 Resp: 458

Ion Ratio Lower Upper

228 100

229 37.3 22.8 34.2#

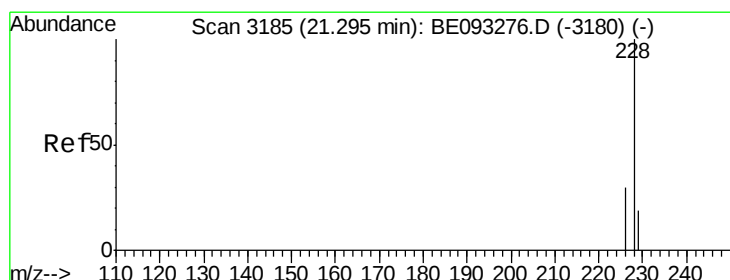
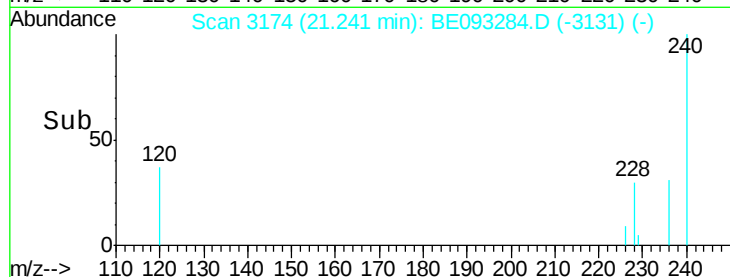
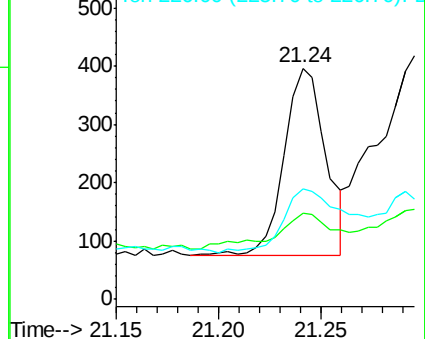
226 47.9 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093284.D

Acq: 20 Jun 2017 16:44

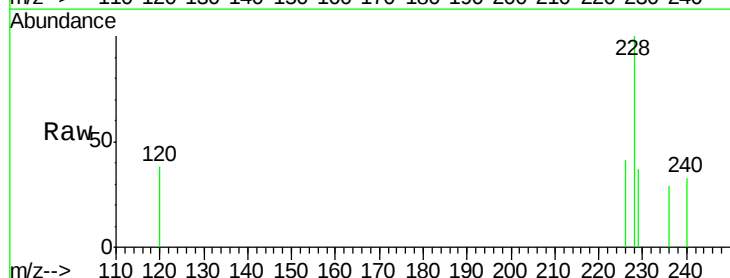
Tgt Ion:228 Resp: 657

Ion Ratio Lower Upper

228 100

226 40.9 23.4 35.0#

229 37.1 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

