

Data File : BE093279.D
Acq On : 20 Jun 2017 13:39
Operator : SJ/JU
Sample : I3625-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A83

Quant Time: Jun 21 01:50:15 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	1687	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	5433	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.26	240	13053	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	721478	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3634	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9944	0.00	ng/ul	0.00

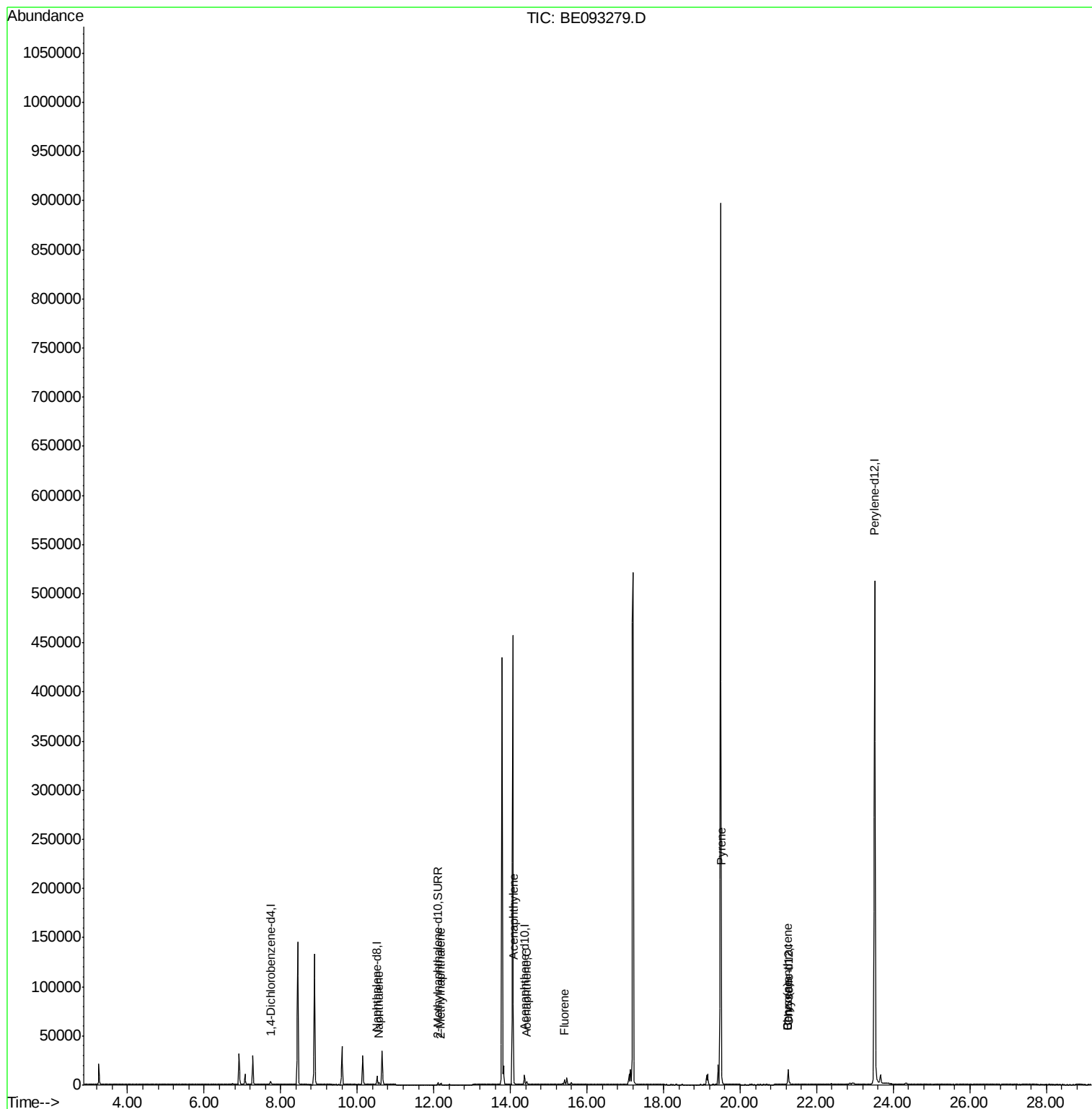
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	3600	0.17	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1582	0.11	ng/ul	99
7) Acenaphthylene	14.08	152	464	0.02	ng/ul#	55
8) Acenaphthene	14.43	153	1880	0.10	ng/ul	99
9) Fluorene	15.42	166	2913	0.13	ng/ul	93
17) Pyrene	19.51	202	9613	0.25	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	2219	0.06	ng/ul#	85
19) Chrysene	21.24	228	2219	0.06	ng/ul	96

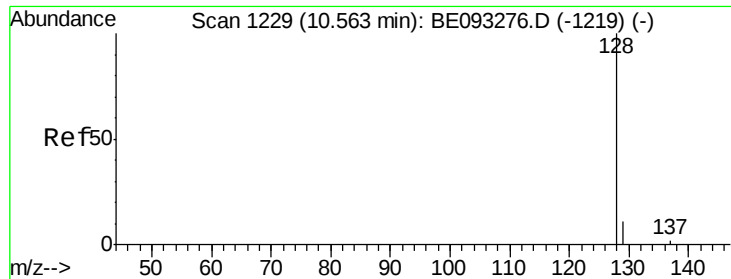
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.17 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.01 min

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Instrument :

BNA_E

ClientSampleId :

F5A83

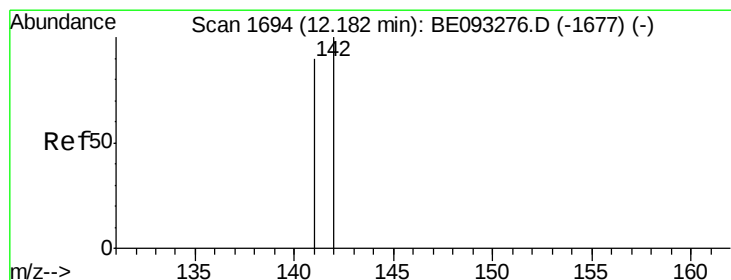
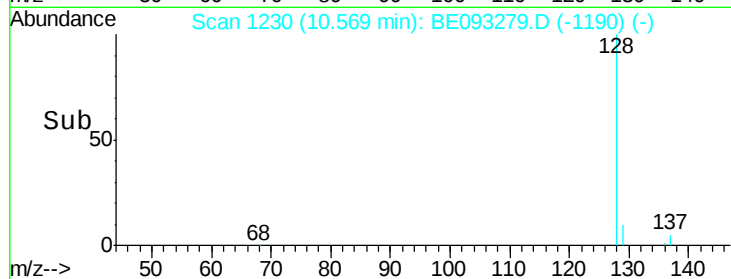
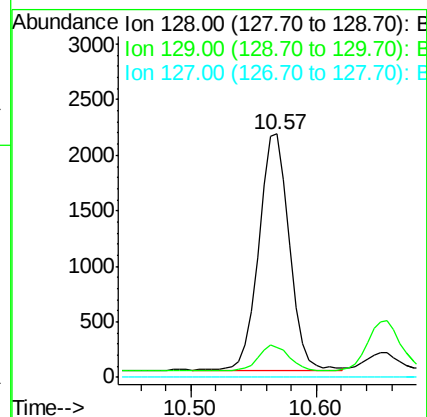
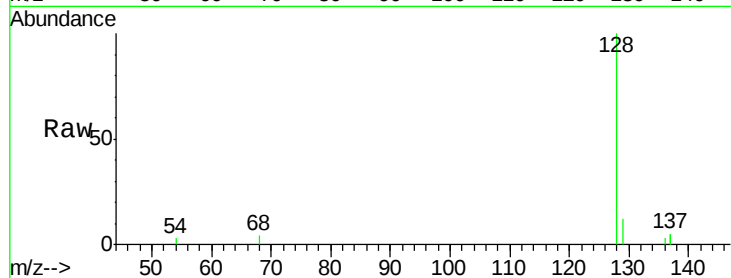
Tgt Ion:128 Resp: 3600

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BE093279.D

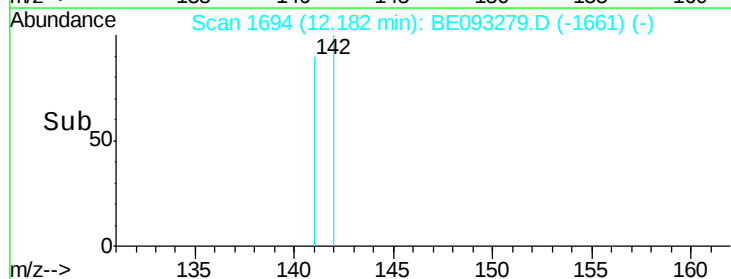
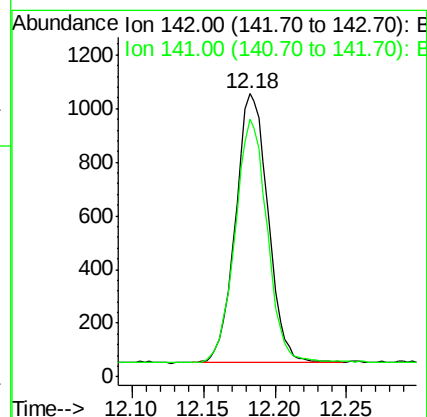
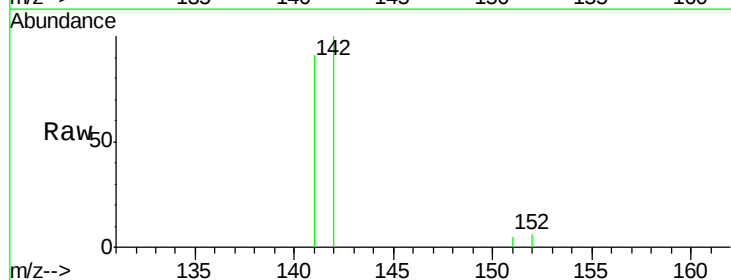
Acq: 20 Jun 2017 13:39

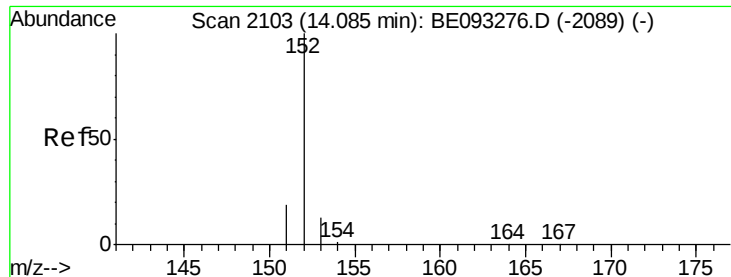
Tgt Ion:142 Resp: 1582

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

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ClientSampleId :

F5A83

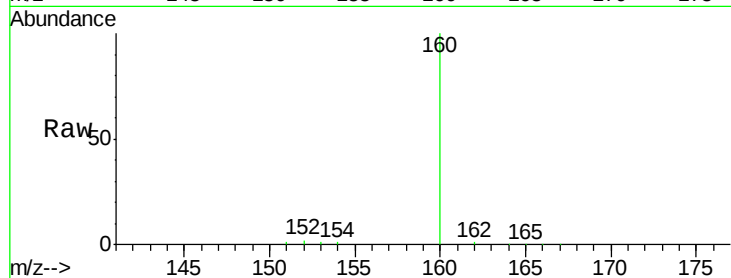
Tgt Ion:152 Resp: 464

Ion Ratio Lower Upper

152 100

151 40.7 17.1 25.7#

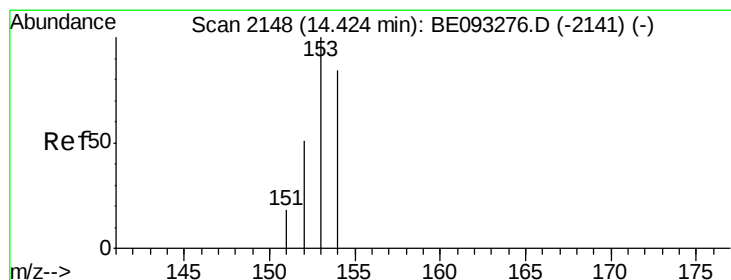
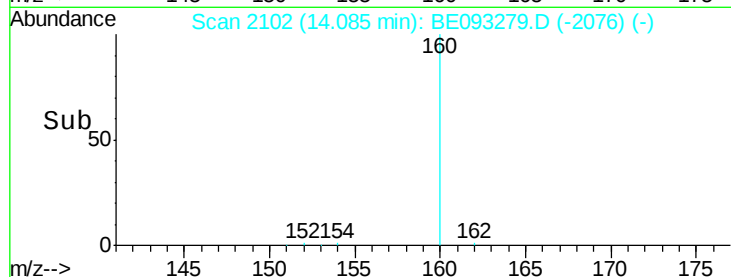
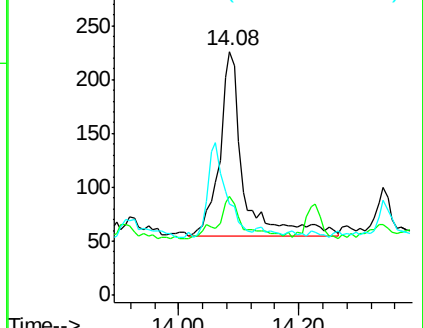
153 37.2 12.8 19.2#



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: 0.10 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BE093279.D

Acq: 20 Jun 2017 13:39

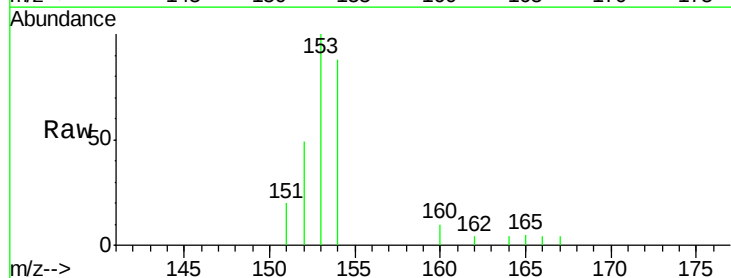
Tgt Ion:153 Resp: 1880

Ion Ratio Lower Upper

153 100

152 49.0 40.3 60.5

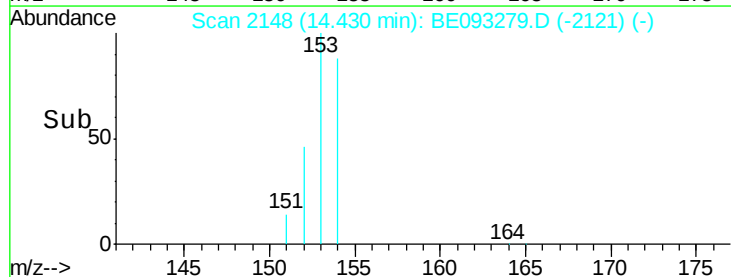
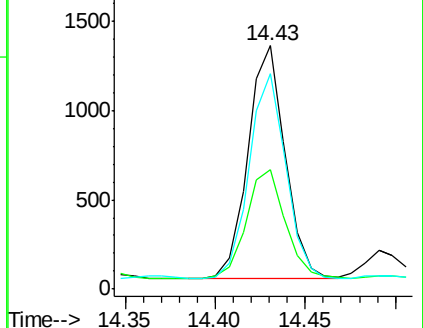
154 88.3 71.4 107.2

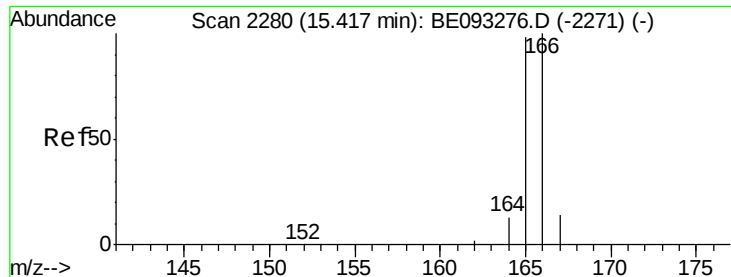


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

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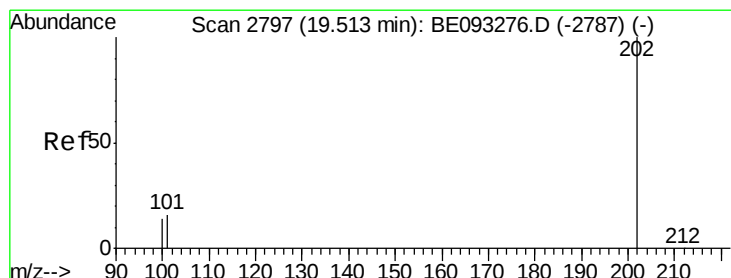
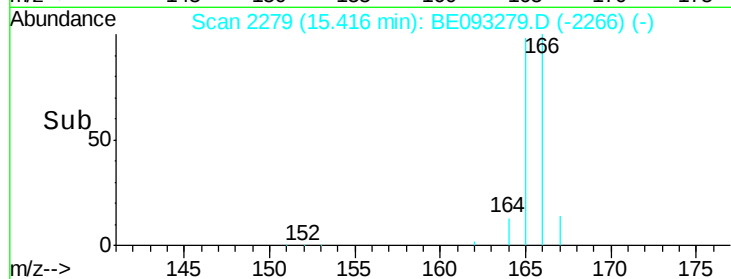
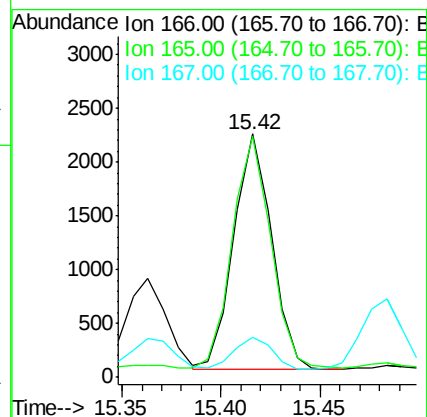
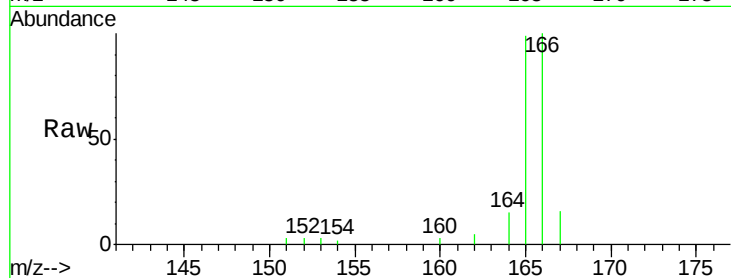
Tgt Ion:166 Resp: 2913

Ion Ratio Lower Upper

166 100

165 98.8 73.4 110.2

167 16.4 14.6 22.0



#17

Pyrene

Concen: 0.25 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BE093279.D

Acq: 20 Jun 2017 13:39

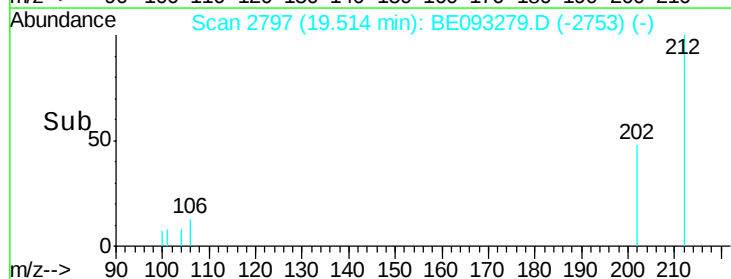
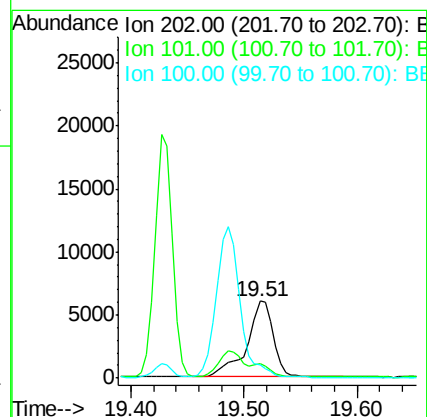
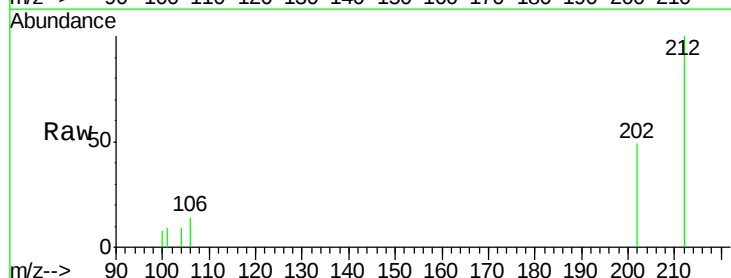
Tgt Ion:202 Resp: 9613

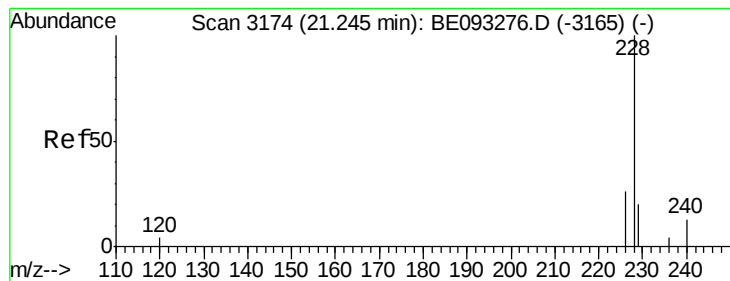
Ion Ratio Lower Upper

202 100

101 18.1 18.2 27.4#

100 16.4 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

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Acq: 20 Jun 2017 13:39

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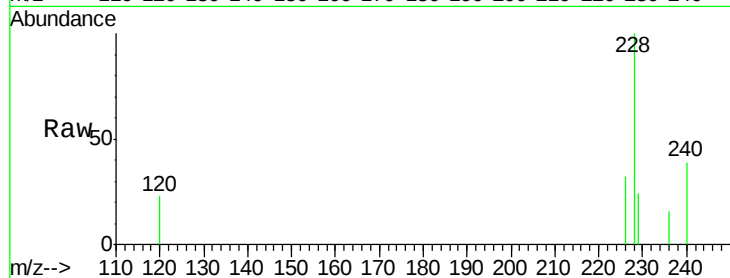
Tgt Ion:228 Resp: 2219

Ion Ratio Lower Upper

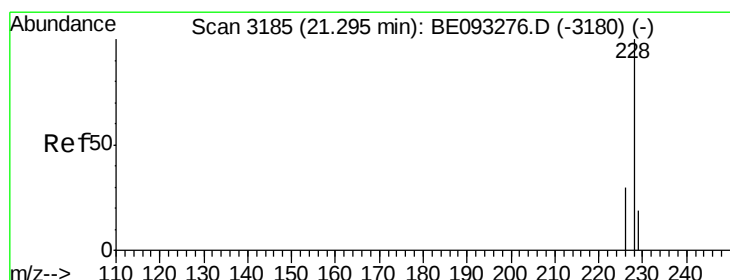
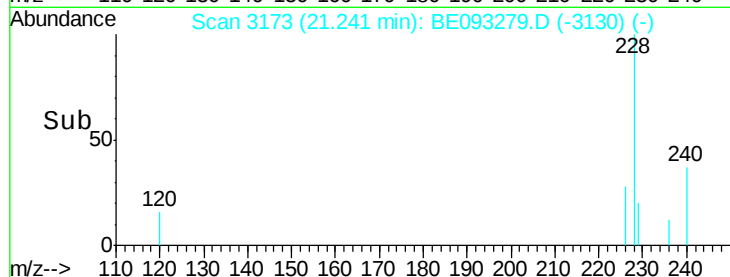
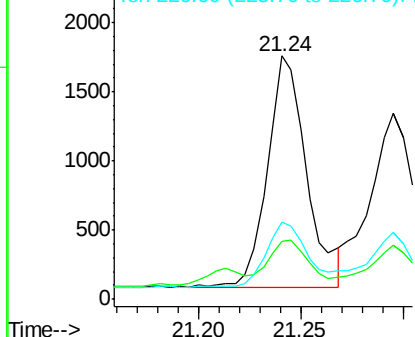
228 100

229 23.9 22.8 34.2

226 31.8 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: 0.06 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.05 min

Lab File: BE093279.D

Acq: 20 Jun 2017 13:39

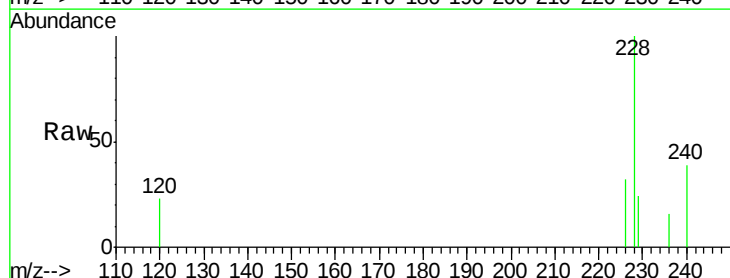
Tgt Ion:228 Resp: 2219

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

229 23.9 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

