

Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B53

Quant Time: Jun 14 08:40:57 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 14 08:39:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	27082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	16722	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	40326	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2015039	0.40	ng/ul	-0.14

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	10560	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	28051	0.00	ng/ul	0.00

Target Compounds				Qvalue		
7) Acenaphthylene	14.09	152	1018	0.01	ng/ul#	73
9) Fluorene	15.36	166	3403	0.05	ng/ul#	20
17) Pyrene	19.52	202	7757	0.07	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	4374	0.04	ng/ul#	87
19) Chrysene	21.24	228	4374	0.04	ng/ul	96

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

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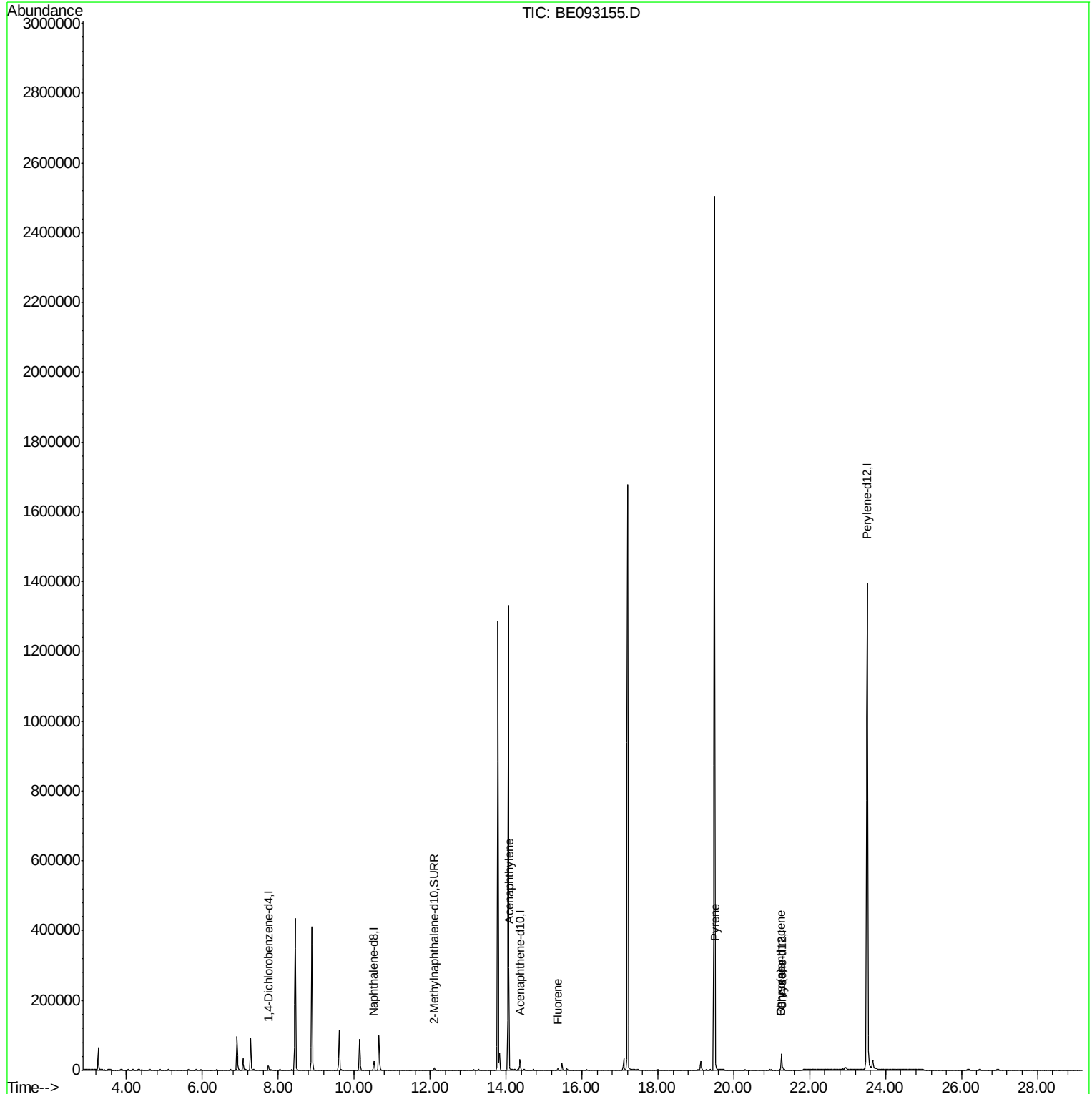
Quant Time: Jun 14 08:40:57 2017

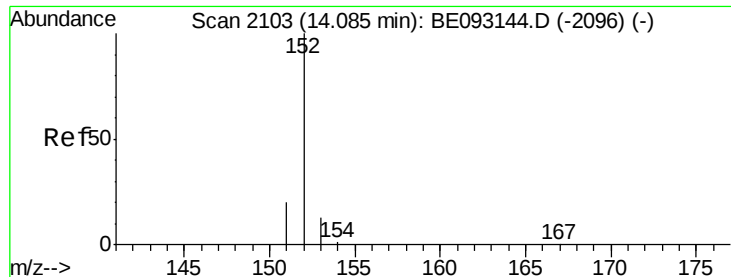
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

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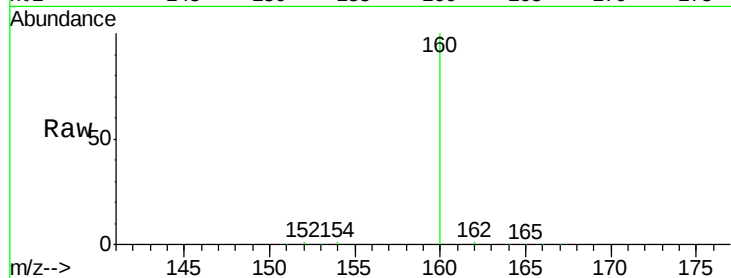
Tgt Ion:152 Resp: 1018

Ion Ratio Lower Upper

152 100

151 35.1 17.1 25.7#

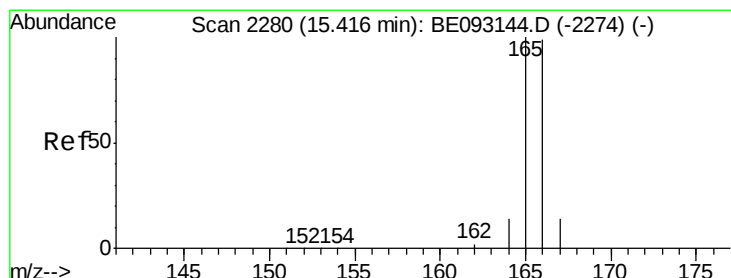
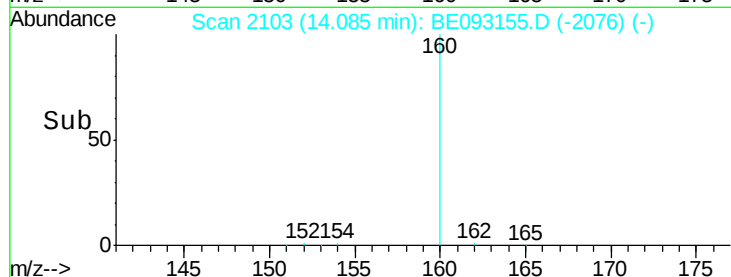
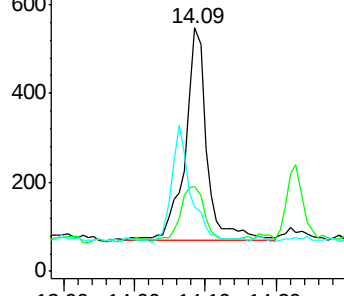
153 26.5 12.8 19.2#



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



#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.36 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BE093155.D

Acq: 14 Jun 2017 6:08

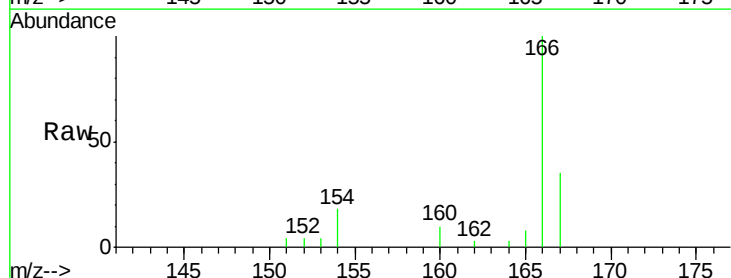
Tgt Ion:166 Resp: 3403

Ion Ratio Lower Upper

166 100

165 7.9 73.4 110.2#

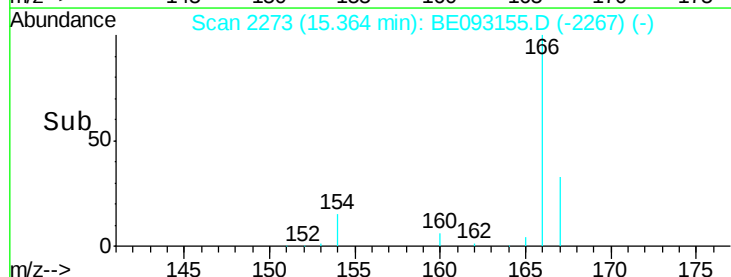
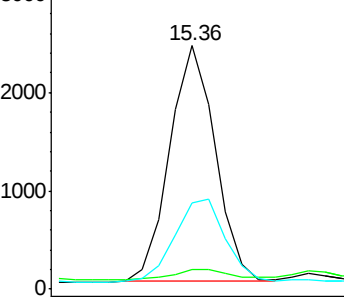
167 35.4 14.6 22.0#

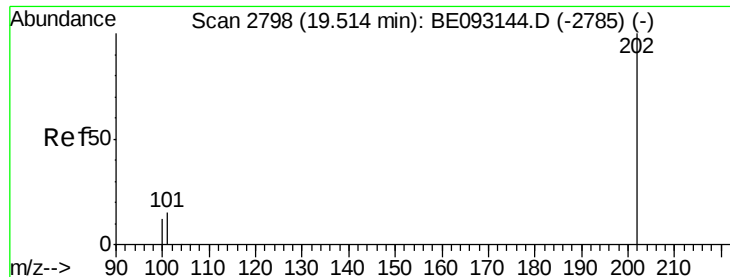


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 0.07 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

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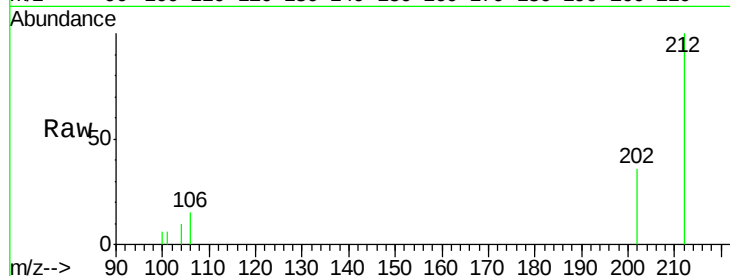
Tgt Ion:202 Resp: 7757

Ion Ratio Lower Upper

202 100

101 16.8 18.2 27.4#

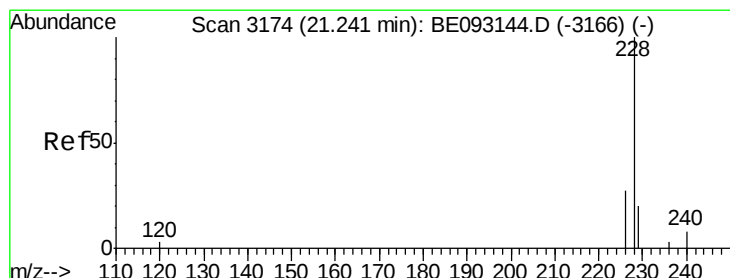
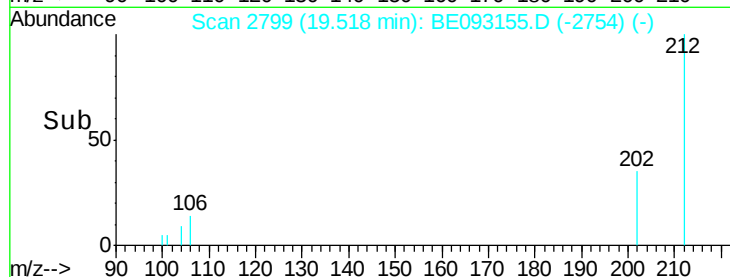
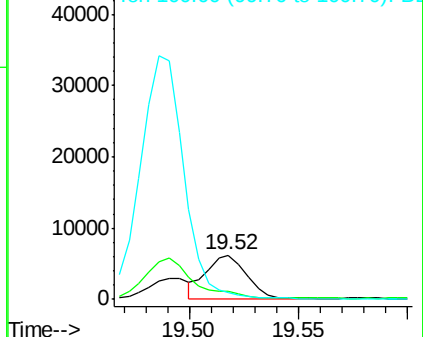
100 15.6 15.6 23.4



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): E



#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093155.D

Acq: 14 Jun 2017 6:08

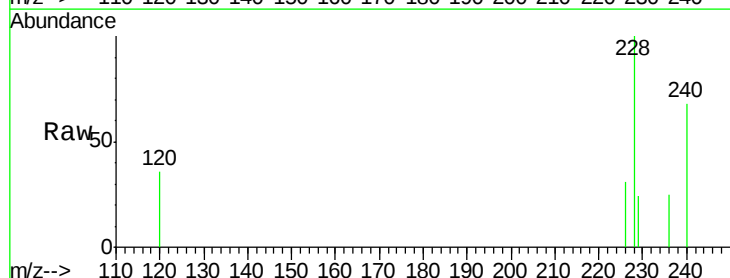
Tgt Ion:228 Resp: 4374

Ion Ratio Lower Upper

228 100

229 24.4 22.8 34.2

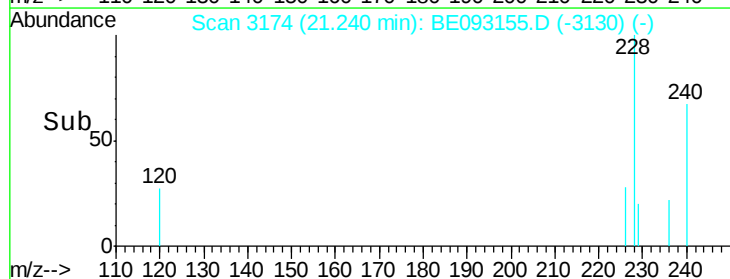
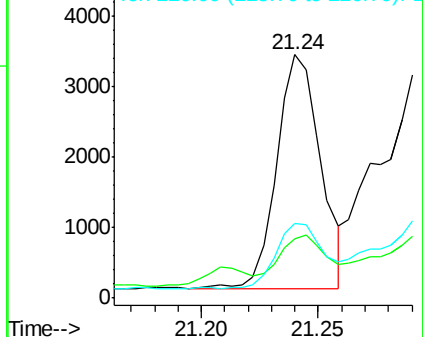
226 30.9 17.0 25.6#

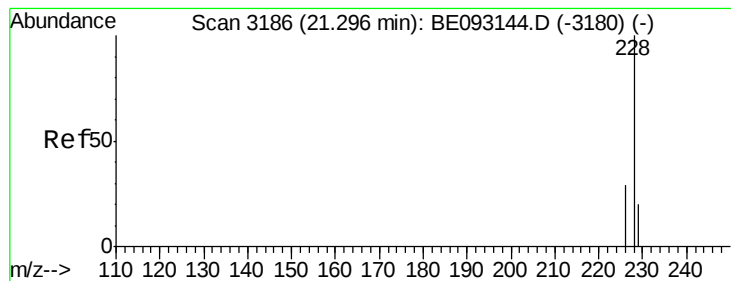


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.06 min

Lab File: BE093155.D

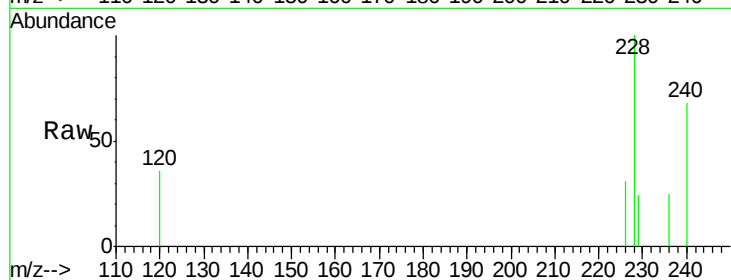
Acq: 14 Jun 2017 6:08

Instrument :

BNA_E

ClientSampleId :

F5B53



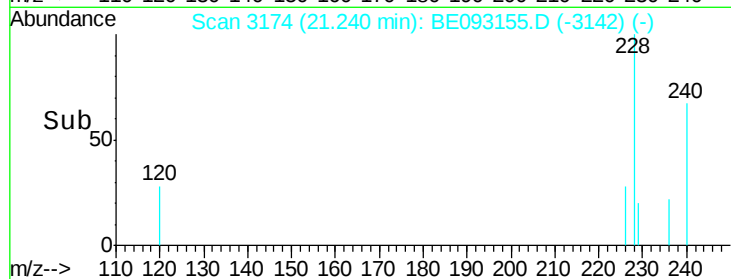
Tgt Ion: 228 Resp: 4374

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

229 24.4 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

