

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095155.D
 Acq On : 27 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1174-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A62

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:34:27 PM

Quant Time: Jan 29 09:23:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2955	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9404	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6146	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	12763m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	14749	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	13311m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4097	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12828	0.26	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.32	128	1532	0.058	ng/ul#	85
8) Acenaphthene	15.08	153	1301	0.057	ng/ul	94
9) Fluorene	16.03	166	802m	0.034	ng/ul	
12) Phenanthrene	17.75	178	5112	0.119	ng/ul#	88
13) Anthracene	17.85	178	875	0.022	ng/ul#	65
15) Fluoranthene	19.73	202	4271	0.077	ng/ul	84
17) Pyrene	20.08	202	2993m	0.060	ng/ul	
18) Benzo(a)anthracene	21.79	228	1557	0.034	ng/ul#	64

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

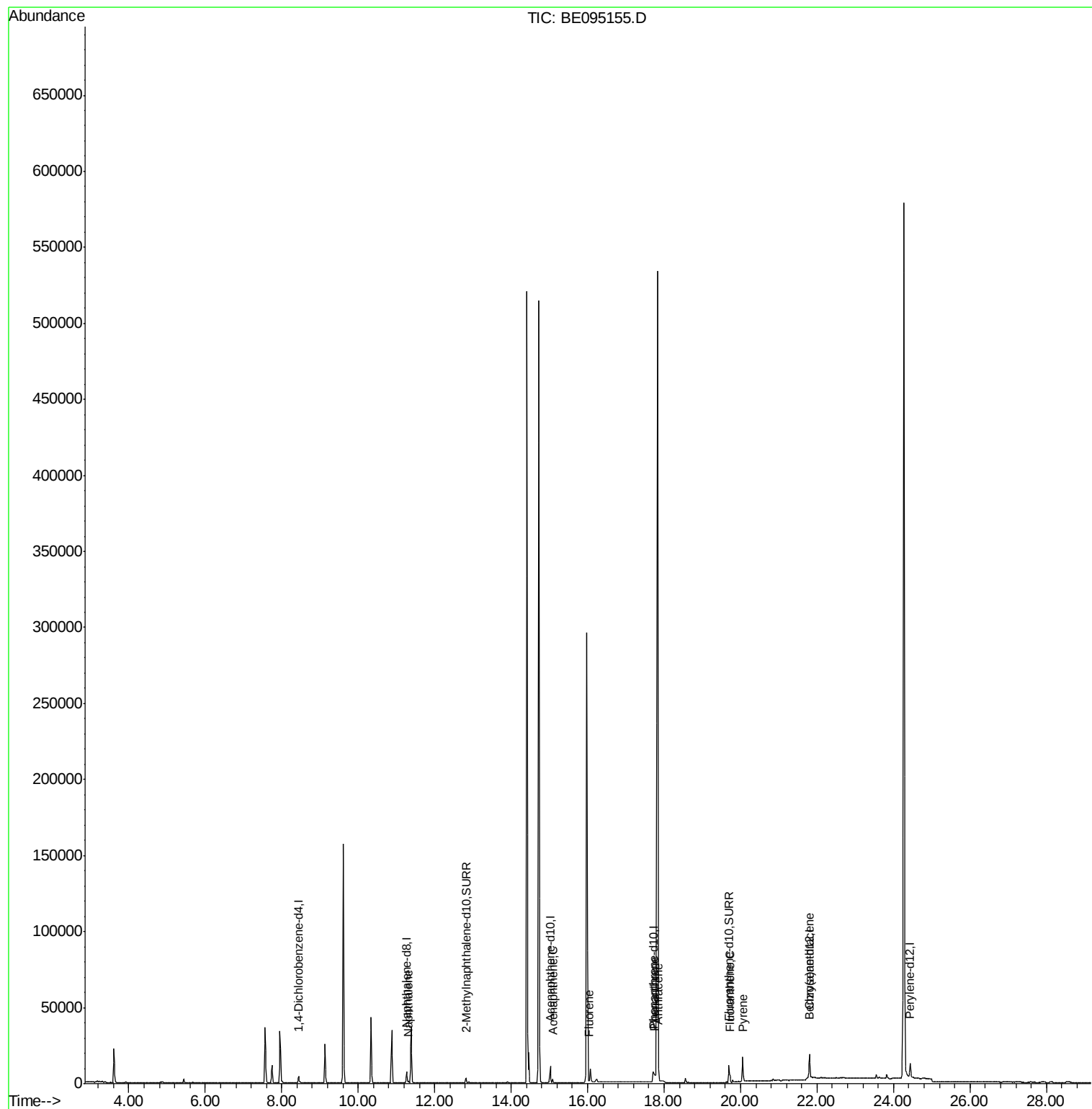
Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
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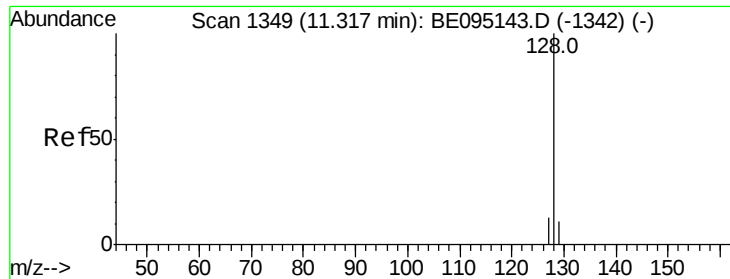
Instrument :
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

Instrument :

BNA_E

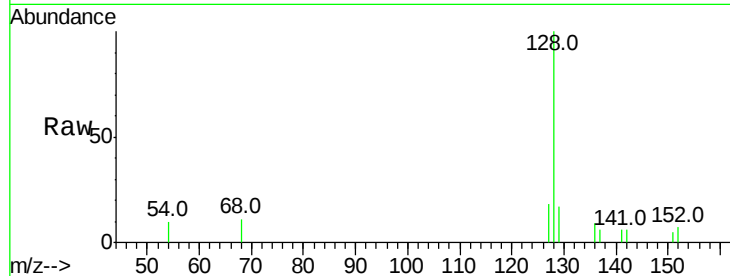
ClientSampleId :

F6A62

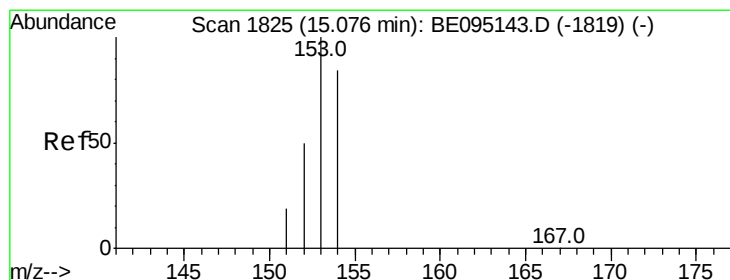
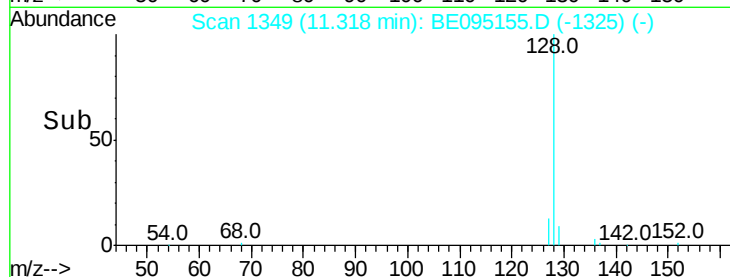
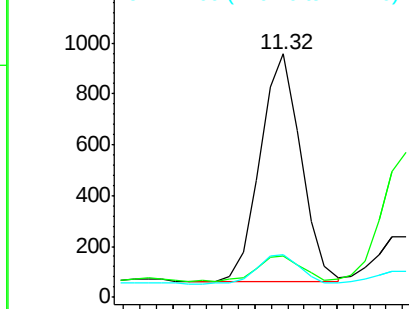
Tot Ion:	128	Resp:	1532
Ion Ratio	Lower	Upper	
128	100		
129	17.1	11.3	16.9#
127	17.6	4.0	6.0#

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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



#8

Acenaphthene

Concen: 0.057 ng/ul

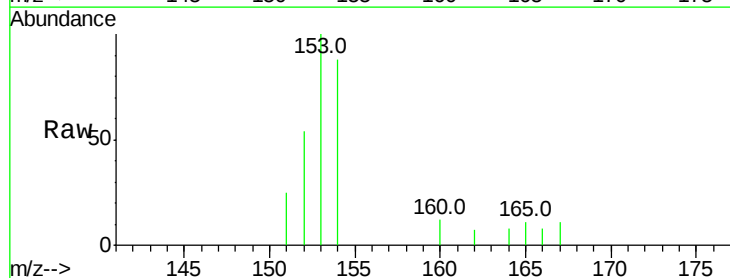
RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

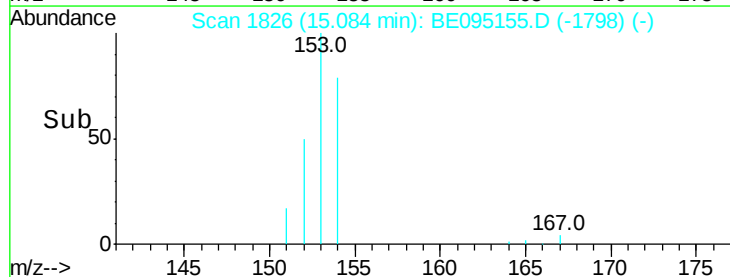
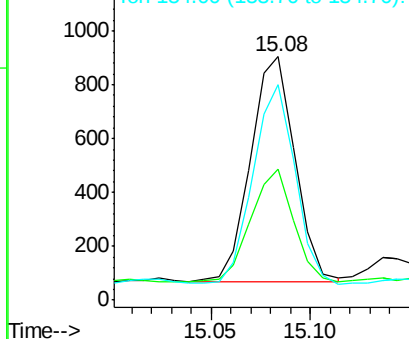
Lab File: BE095155.D

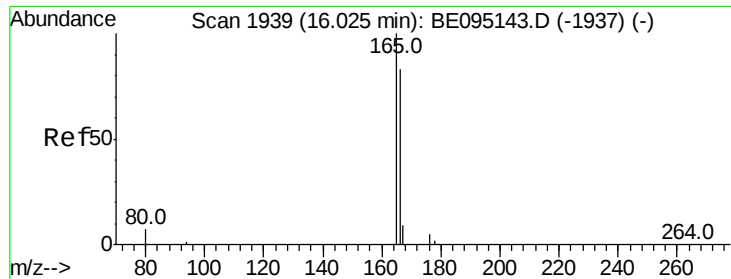
Acq: 27 Jan 2018 7:27

Tgt Ion:	153	Resp:	1301
Ion Ratio	Lower	Upper	
153	100		
152	53.8	36.0	54.0
154	88.4	72.0	108.0



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: 0.034 ng/ul m

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

Instrument :

BNA_E

ClientSampled :

F6A62

Tot Ion:166 Resp: 802

Ion Ratio Lower Upper

166 100

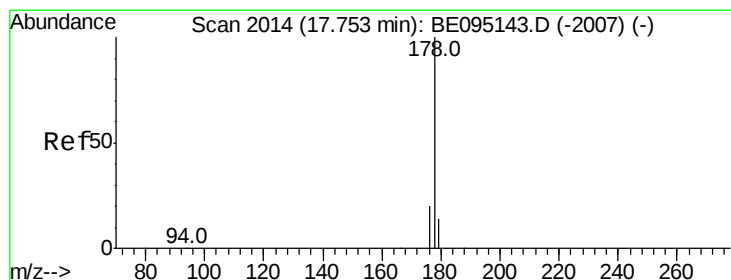
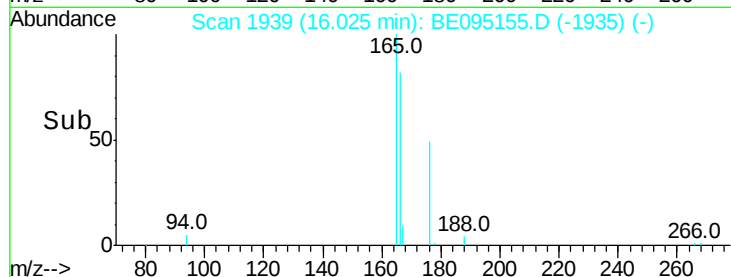
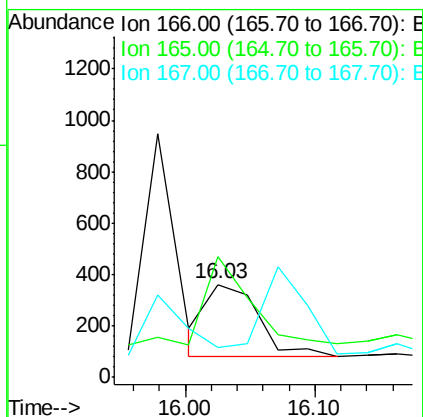
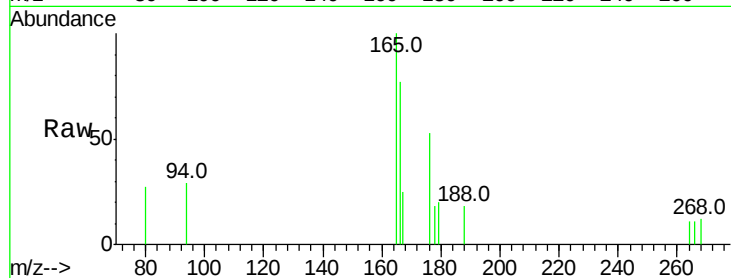
165 129.9 73.4 110.2#

167 32.7 14.6 22.0#

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#12

Phenanthrene

Concen: 0.119 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

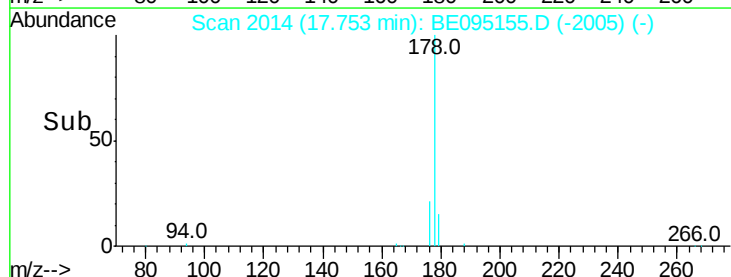
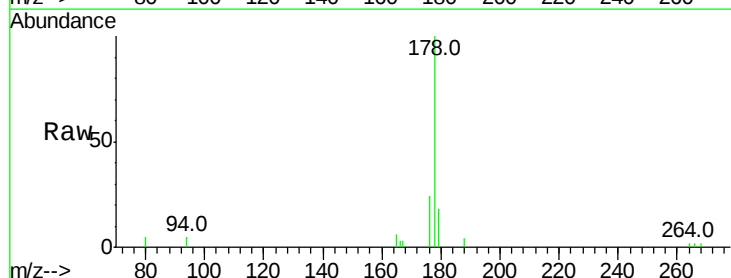
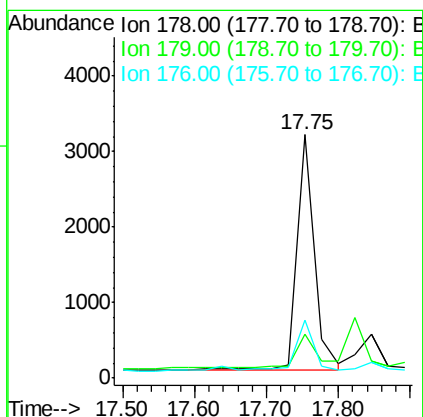
Tgt Ion:178 Resp: 5112

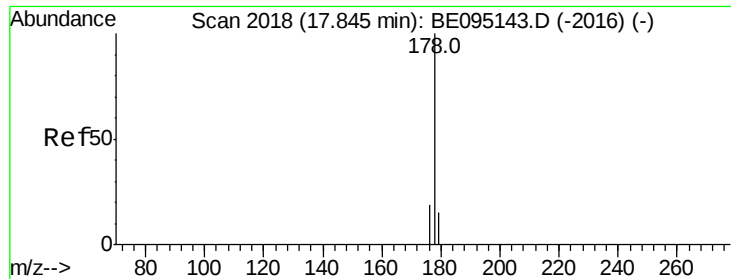
Ion Ratio Lower Upper

178 100

179 18.1 18.4 27.6#

176 23.7 13.6 20.4#





#13

Anthracene

Concen: 0.022 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

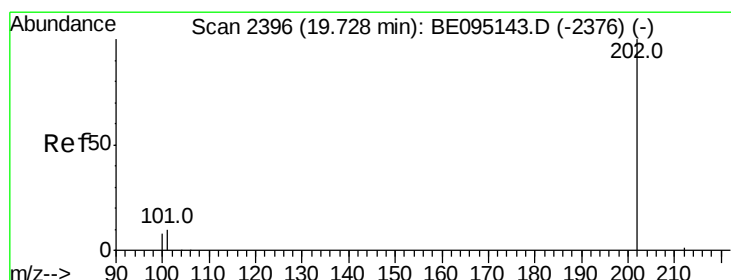
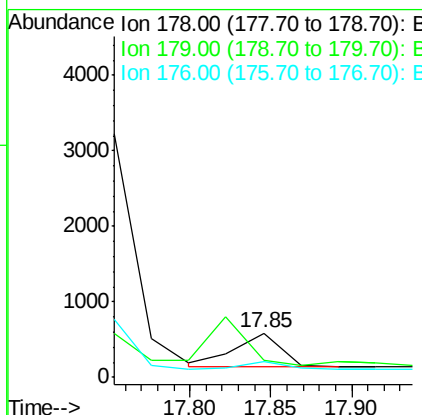
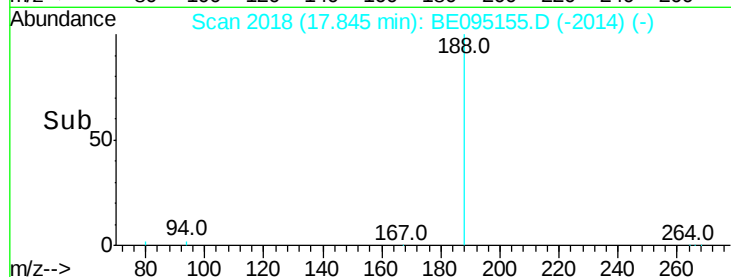
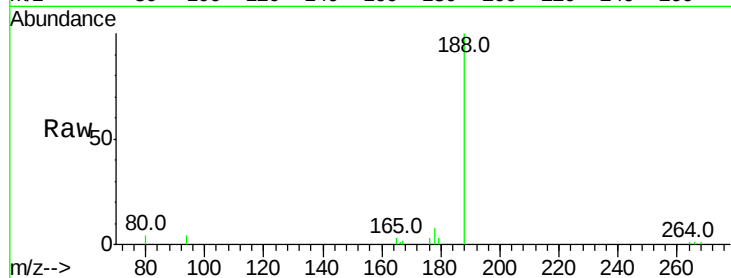
F6A62

Tot Ion:178	Resp:	875
Ion Ratio	Lower	Upper
178	100	
179	38.4	18.1 27.1#
176	34.9	14.7 22.1#

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#15

Fluoranthene

Concen: 0.077 ng/ul

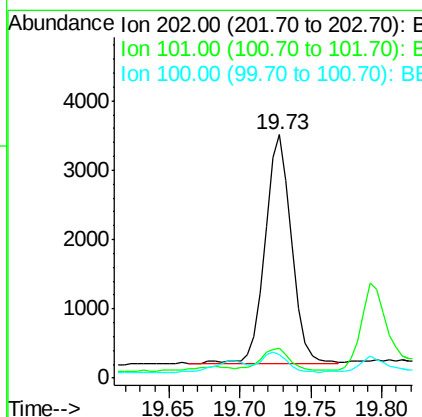
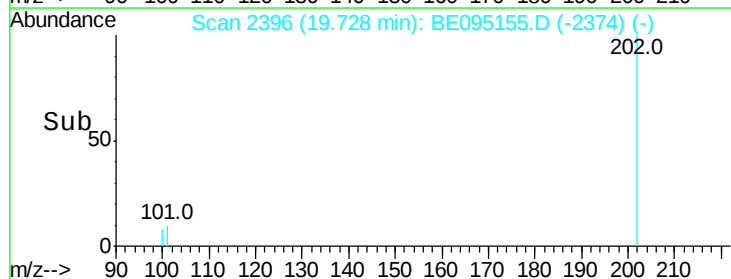
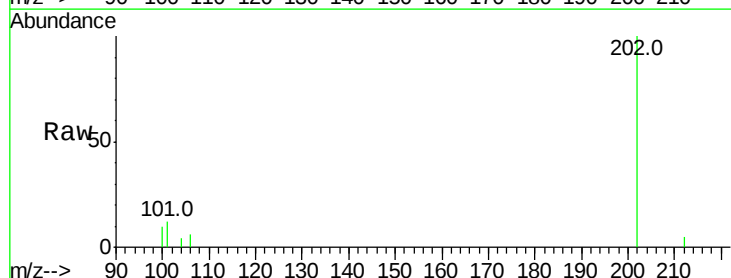
RT: 19.73 min Scan# 2396

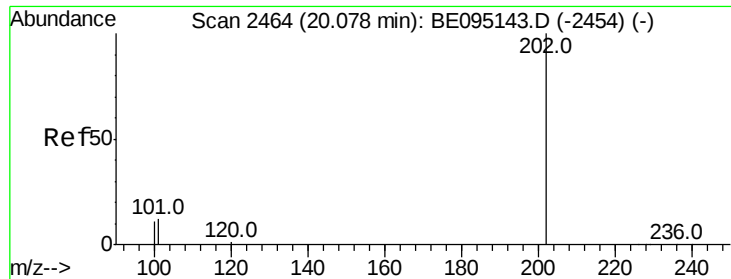
Delta R.T. 0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

Tgt Ion:202	Resp:	4271
Ion Ratio	Lower	Upper
202	100	
101	12.4	0.0 30.3
100	9.9	0.0 39.5





#17

Pvrene

Concen: 0.060 ng/ul m

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

Instrument :

BNA_E

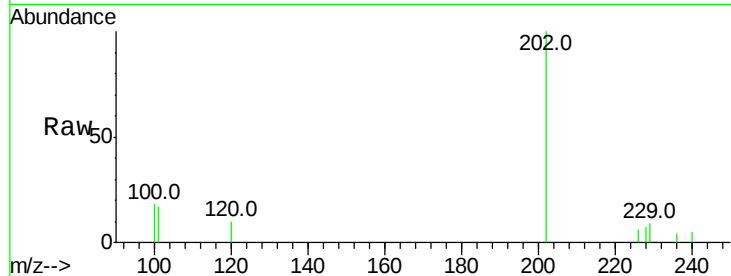
ClientSampleId :

F6A62

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.1	18.2	27.4#
100	18.1	15.6	23.4

Manual Integrations
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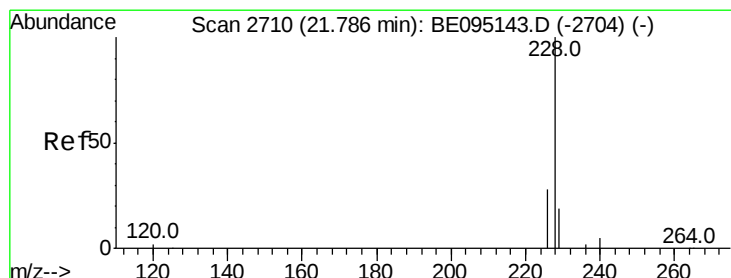
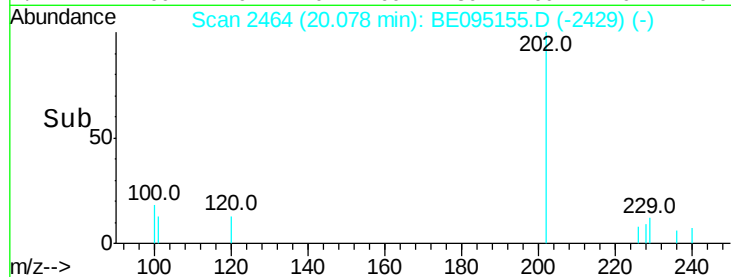
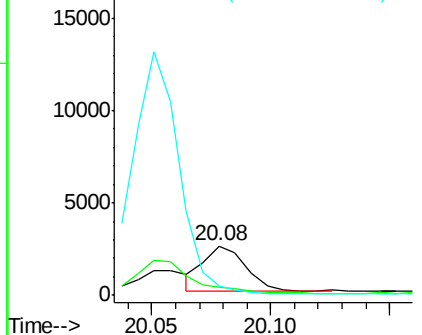
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.034 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095155.D

Acq: 27 Jan 2018 7:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	45.3	22.8	34.2#
226	40.8	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

