

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095140.D
 Acq On : 26 Jan 2018 22:33
 Operator : SJ/JU
 Sample : J1174-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A60

Manual Integrations
 APPROVED

Sohil
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Quant Time: Jan 27 01:55:24 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 00:35:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3304	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10651	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	15031m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	16676	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14095m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	7311	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	21667	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1028	0.034	ng/ul#	68
5) 2-Methylnaphthalene	12.89	142	1612	0.081	ng/ul	97
8) Acenaphthene	15.08	153	7550	0.286	ng/ul	96
9) Fluorene	16.02	166	3394	0.125	ng/ul#	66
12) Phenanthrene	17.75	178	16667	0.330	ng/ul#	86
13) Anthracene	17.84	178	2585	0.056	ng/ul#	92
15) Fluoranthene	19.73	202	10616	0.162	ng/ul	83
17) Pyrene	20.08	202	7947m	0.142	ng/ul	
18) Benzo(a)anthracene	21.79	228	1738	0.033	ng/ul#	82
19) Chrysene	21.84	228	1392	0.026	ng/ul#	78

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

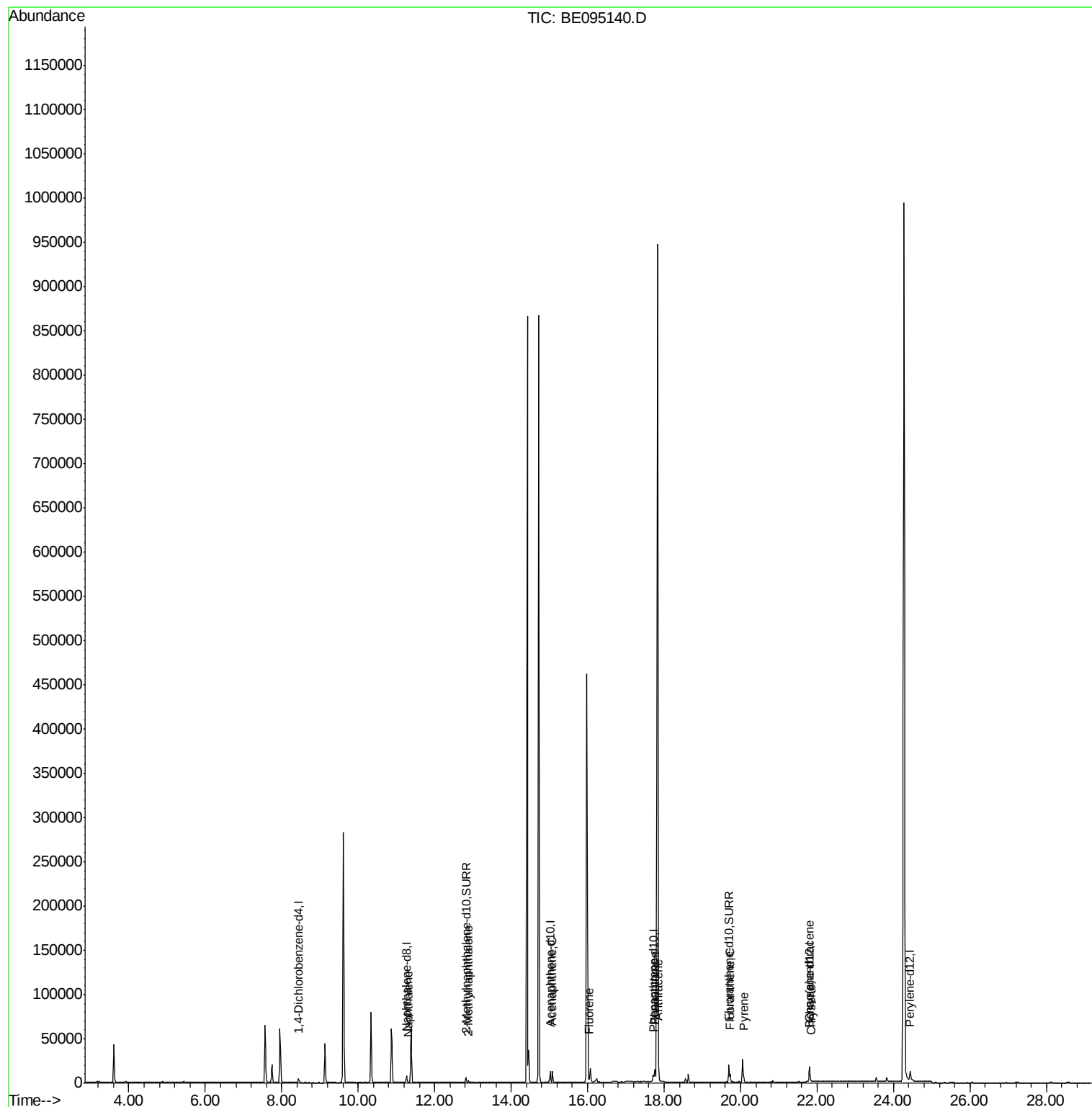
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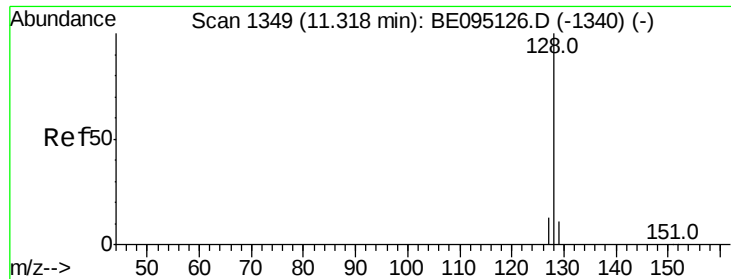
Instrument :
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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095140.D

Acq: 26 Jan 2018 22:33

Instrument :

BNA_E

ClientSampleId :

F6A60

Tot Ion:128 Resp: 1028

Ion Ratio Lower Upper

128 100

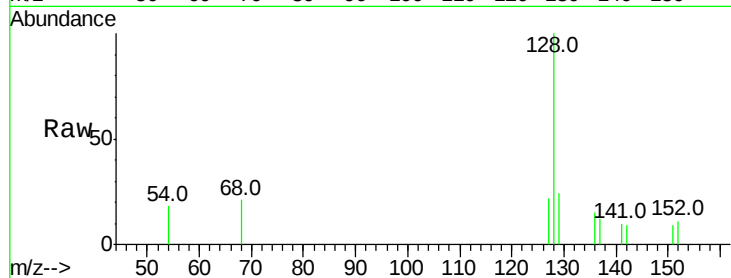
129 24.5 11.3 16.9#

127 22.0 4.0 6.0#

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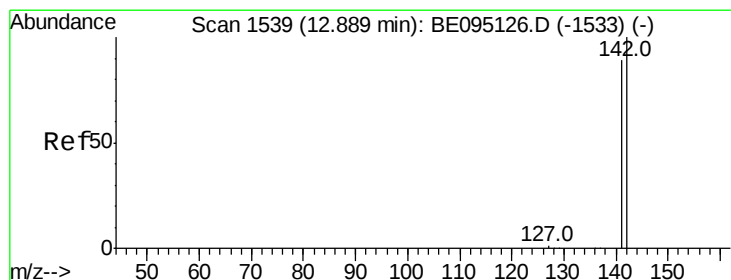
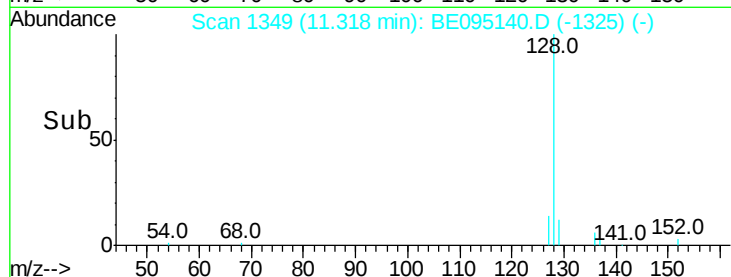
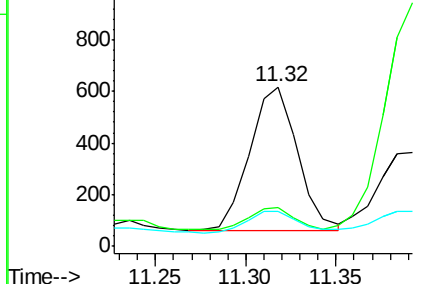
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.081 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095140.D

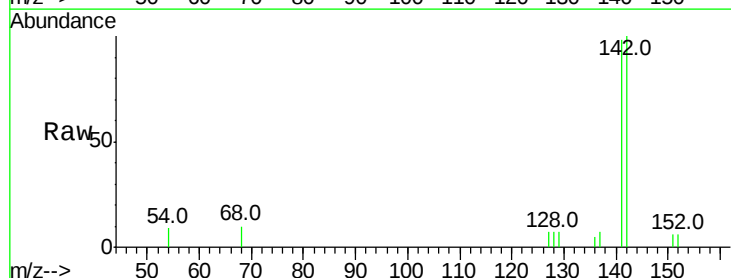
Acq: 26 Jan 2018 22:33

Tgt Ion:142 Resp: 1612

Ion Ratio Lower Upper

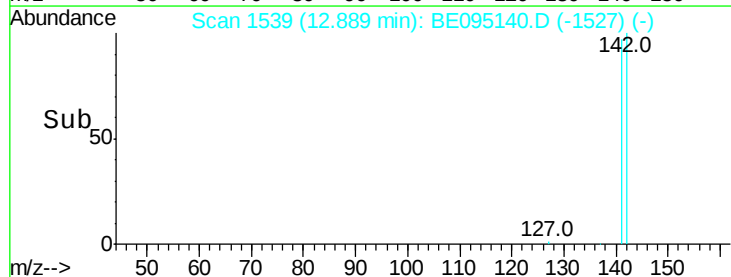
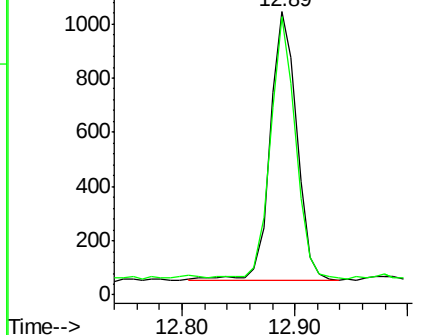
142 100

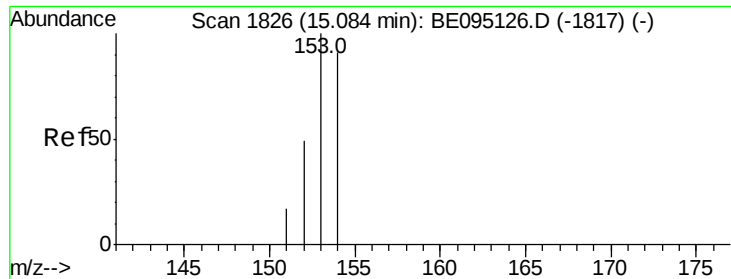
141 93.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.286 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095140.D

Acq: 26 Jan 2018 22:33

Instrument :

BNA_E

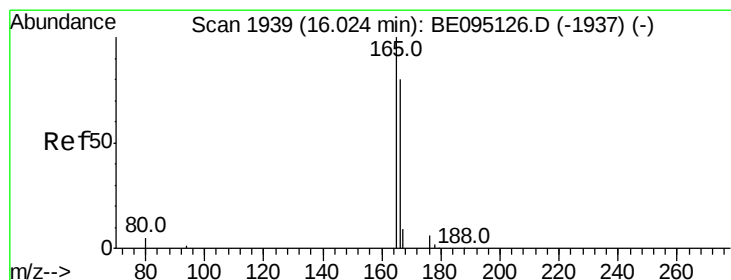
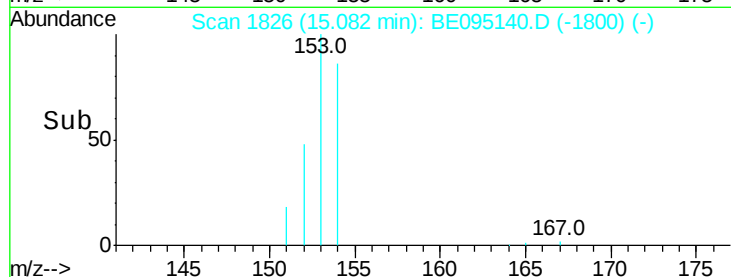
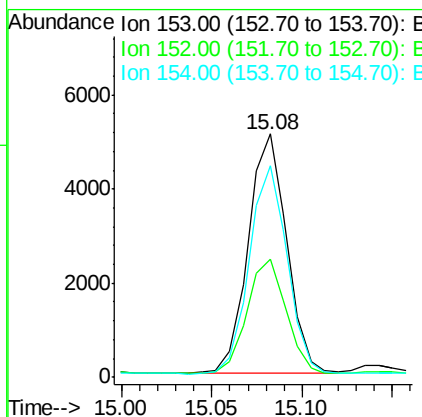
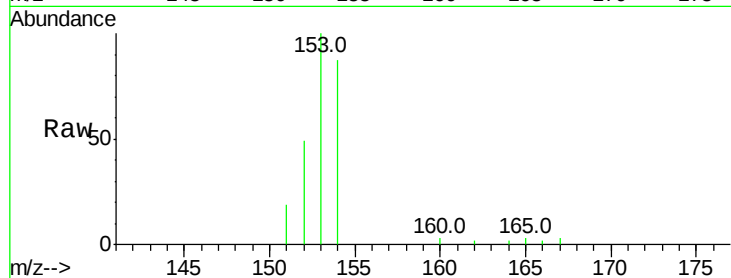
ClientSampleId :

F6A60

Tot Ion:	153	Resp:	7550
Ion Ratio	Lower	Upper	
153	100		
152	48.6	36.0	54.0
154	87.0	72.0	108.0

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#9

Fluorene

Concen: 0.125 ng/ul

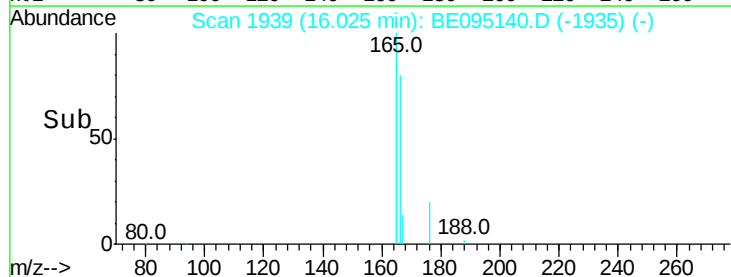
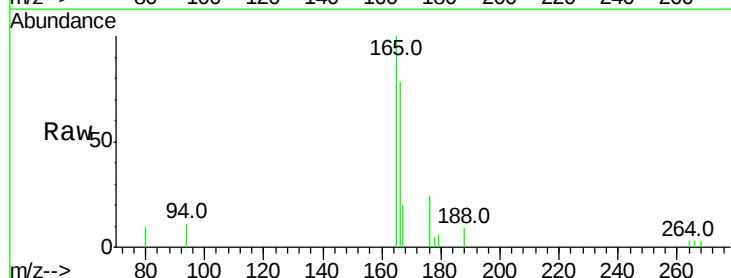
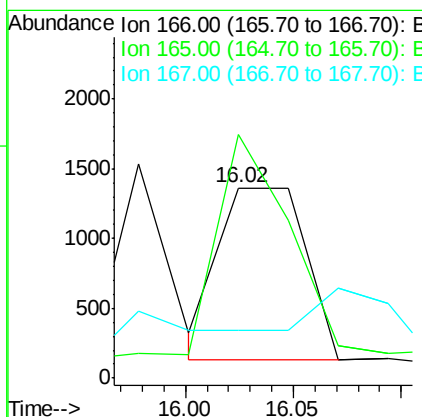
RT: 16.02 min Scan# 1939

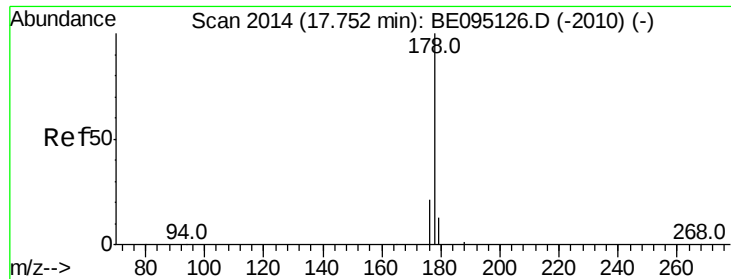
Delta R.T. 0.00 min

Lab File: BE095140.D

Acq: 26 Jan 2018 22:33

Tgt Ion:	166	Resp:	3394
Ion Ratio	Lower	Upper	
166	100		
165	127.9	73.4	110.2#
167	25.3	14.6	22.0#





#12

Phenanthrene

Concen: 0.330 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095140.D

Acq: 26 Jan 2018 22:33

Instrument :

BNA_E

ClientSampleId :

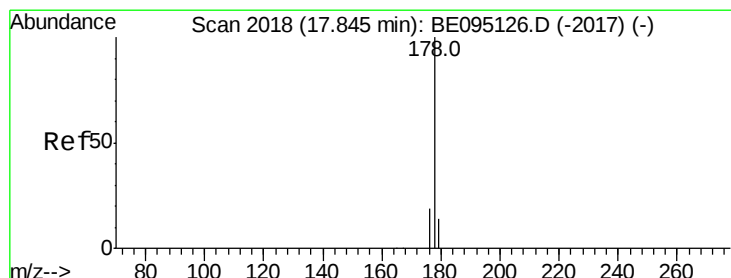
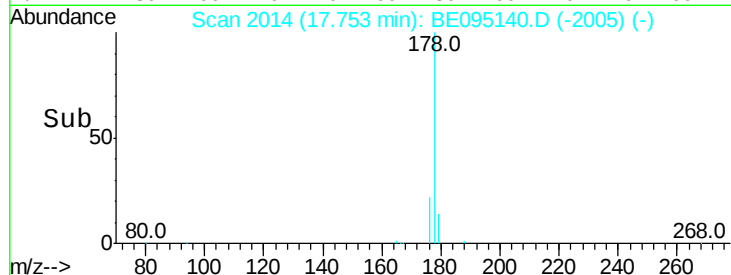
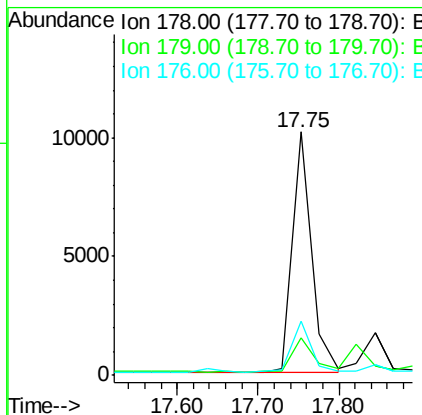
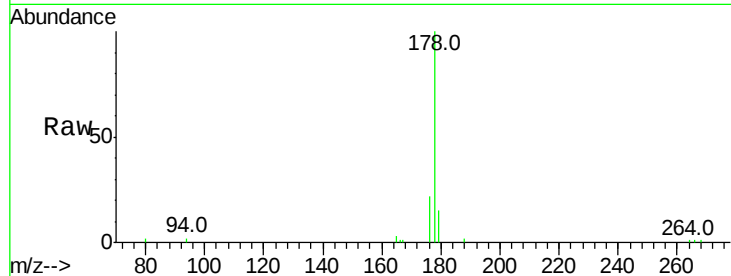
F6A60

Tot Ion:178 Resp: 16667

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	22.5	13.6	20.4#

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#13

Anthracene

Concen: 0.056 ng/ul

RT: 17.84 min Scan# 2018

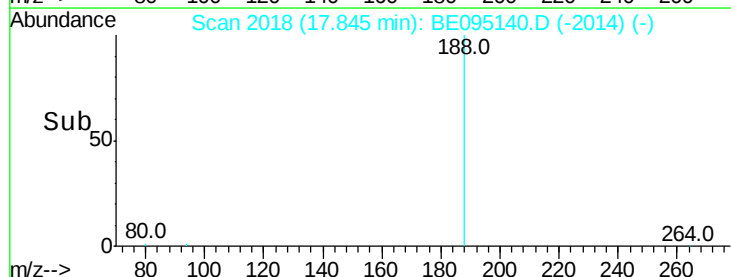
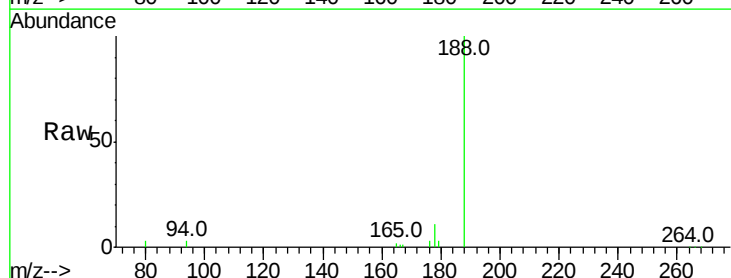
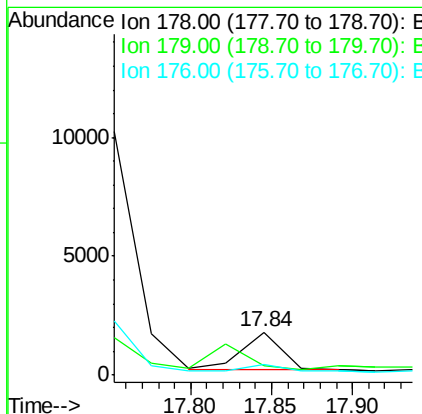
Delta R.T. 0.00 min

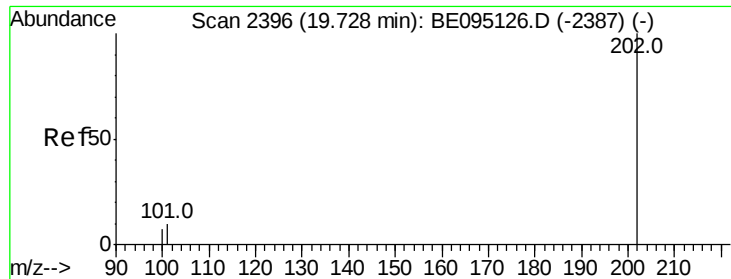
Lab File: BE095140.D

Acq: 26 Jan 2018 22:33

Tgt Ion:178 Resp: 2585

Ion	Ratio	Lower	Upper
178	100		
179	23.2	18.1	27.1
176	25.7	14.7	22.1#





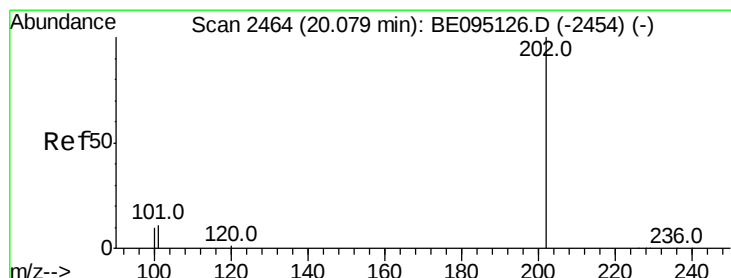
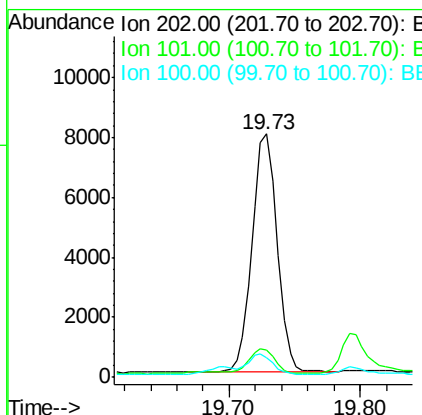
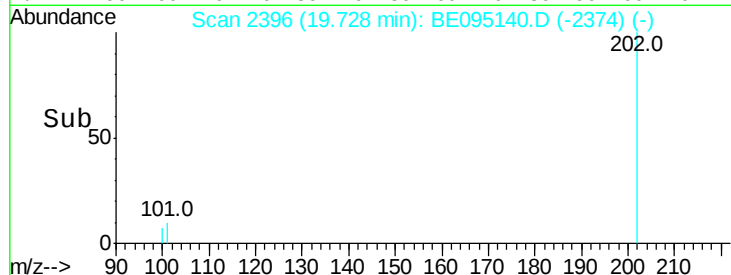
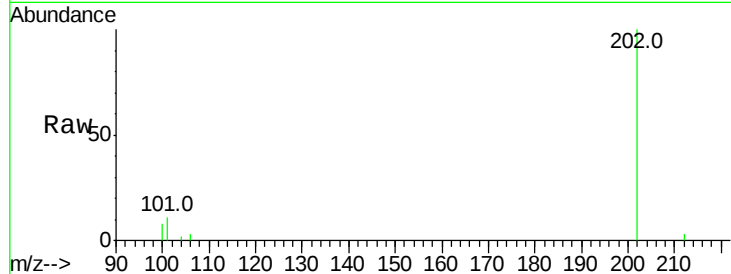
#15
Fluoranthene
 Concen: 0.162 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BE095140.D
 Acq: 26 Jan 2018 22:33

Instrument :
 BNA_E
 ClientSampleId :
 F6A60

Tot Ion:	202	Resp:	10616
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.3
100	8.3	0.0	39.5

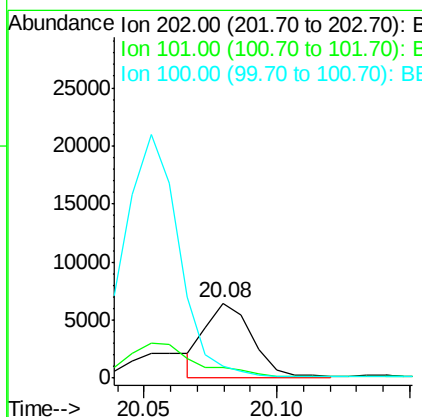
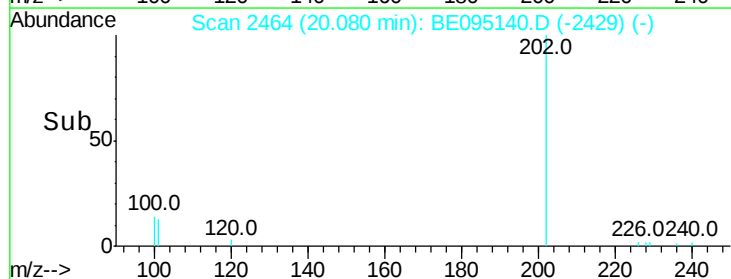
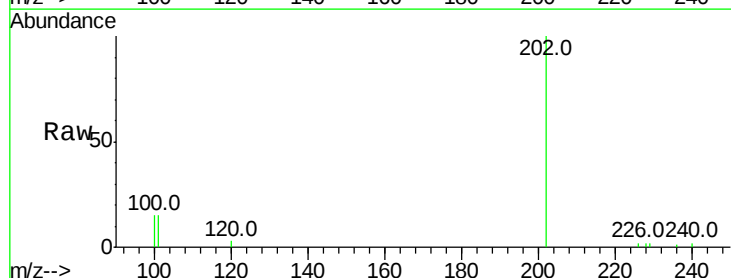
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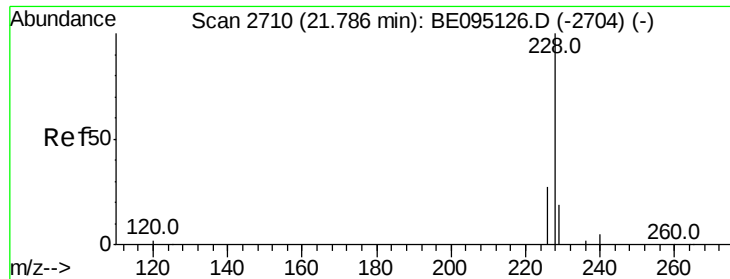
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#17
Pyrene
 Concen: 0.142 ng/ul m
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BE095140.D
 Acq: 26 Jan 2018 22:33

Tgt Ion:	202	Resp:	7947
Ion Ratio	Lower	Upper	
202	100		
101	14.9	18.2	27.4#
100	15.1	15.6	23.4#





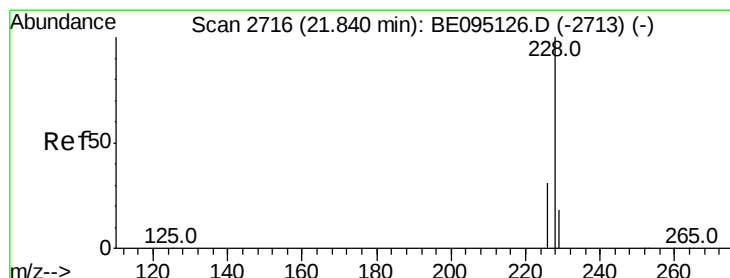
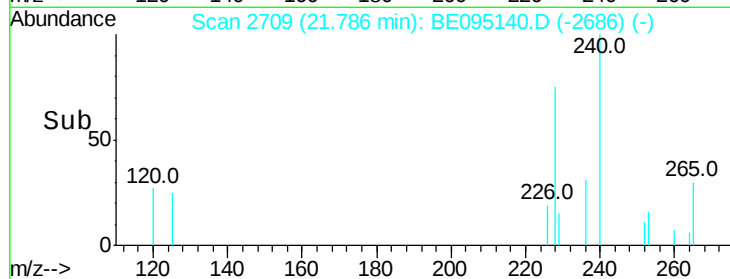
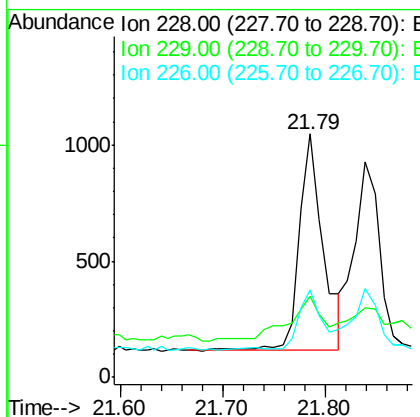
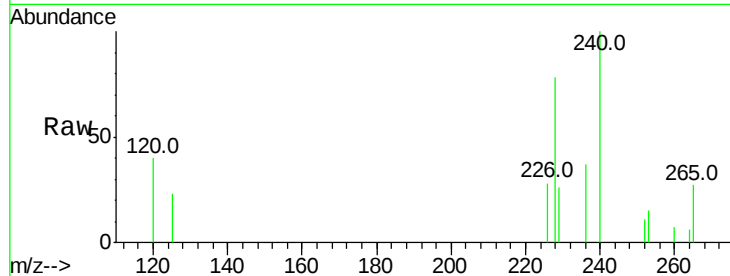
#18
Benzo(a)anthracene
Concen: 0.033 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095140.D
Acq: 26 Jan 2018 22:33

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	33.3	22.8	34.2
226	35.9	17.0	25.6

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#19
Chrysene
Concen: 0.026 ng/ul
RT: 21.84 min Scan# 2715
Delta R.T. -0.00 min
Lab File: BE095140.D
Acq: 26 Jan 2018 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.2	23.4	35.0
229	32.5	17.7	26.5

