

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095141.D
 Acq On : 26 Jan 2018 23:09
 Operator : SJ/JU
 Sample : J1174-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A54

Manual Integrations
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Quant Time: Jan 27 02:50:28 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	3148	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10320	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6680	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13908m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.80	240	15837	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14308m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6800	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	20869	0.39	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	3069	0.159	ng/ul	99
8) Acenaphthene	15.08	153	6225	0.250	ng/ul	97
9) Fluorene	16.03	166	5814	0.226	ng/ul#	74
11) Pentachlorophenol	17.36	266	243	0.090	ng/ul#	88
12) Phenanthrene	17.75	178	35143	0.751	ng/ul#	87
13) Anthracene	17.85	178	5335	0.125	ng/ul	93
15) Fluoranthene	19.73	202	25985	0.429	ng/ul	83
17) Pyrene	20.08	202	22915	0.431	ng/ul#	83
18) Benzo(a)anthracene	21.79	228	4148	0.084	ng/ul#	88
19) Chrysene	21.84	228	3413	0.066	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	2705m	0.054	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	1104m	0.024	ng/ul	
23) Benzo(a)pyrene	24.32	252	1691m	0.038	ng/ul	

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

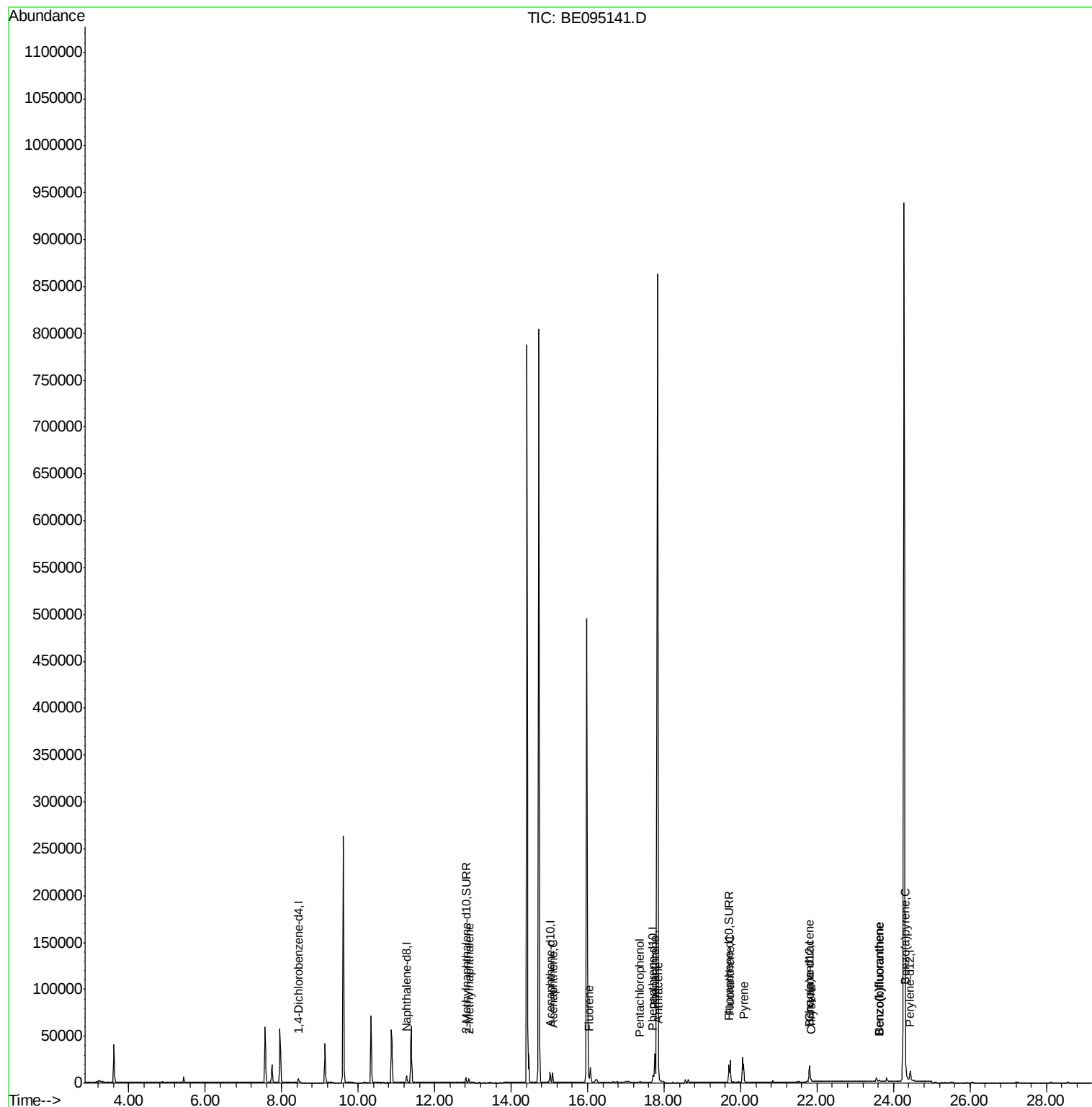
Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
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ALS Vial : 17 Sample Multiplier: 1

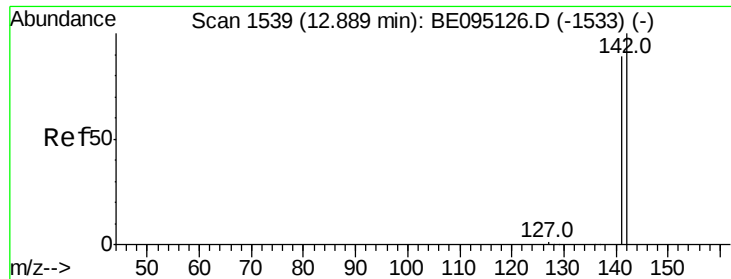
Instrument :
BNA_E
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#5

2-Methylnaphthalene

Concen: 0.159 ng/ul

RT: 12.89 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Instrument :

BNA_E

ClientSampleId :

F6A54

Tot Ion:142 Resp: 3069

Ion Ratio Lower Upper

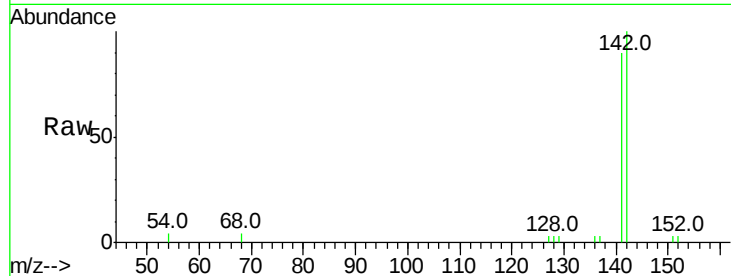
142 100

141 89.6 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

2500

2000

1500

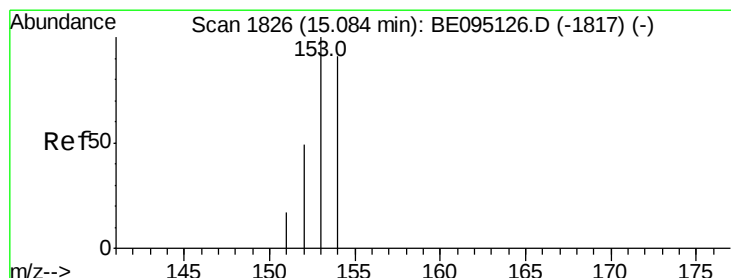
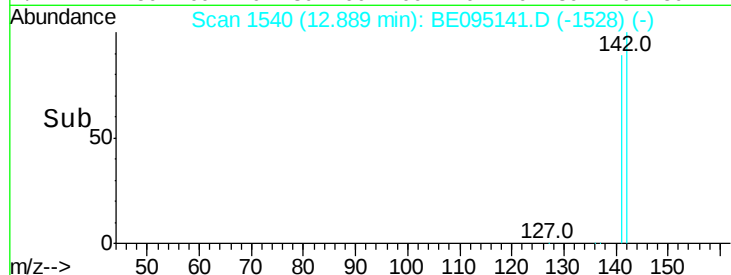
1000

500

0

Time-->

12.80 12.85 12.90 12.95



#8

Acenaphthene

Concen: 0.250 ng/ul

RT: 15.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

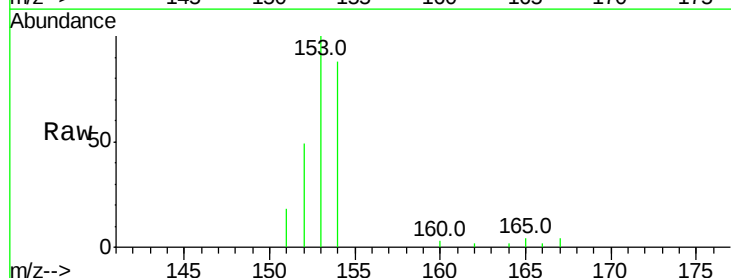
Tgt Ion:153 Resp: 6225

Ion Ratio Lower Upper

153 100

152 49.3 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

15.08

5000

4000

3000

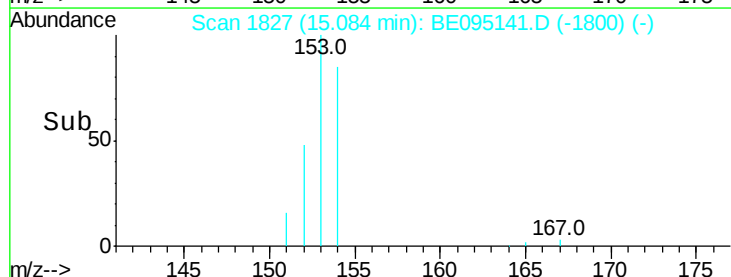
2000

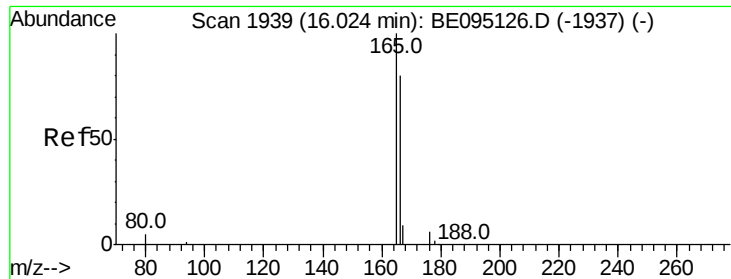
1000

0

Time-->

15.00 15.05 15.10 15.15





#9

Fluorene

Concen: 0.226 ng/ul

RT: 16.03 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Instrument :

BNA_E

ClientSampleId :

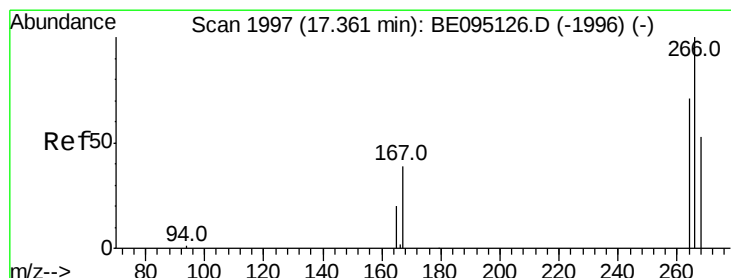
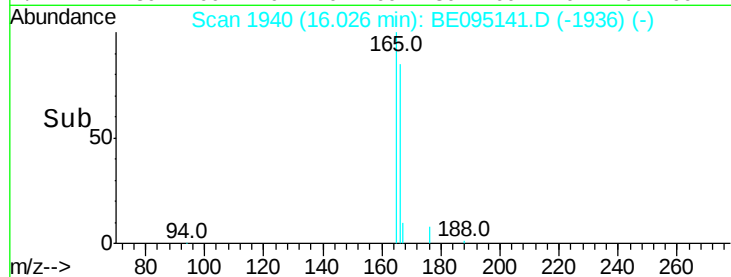
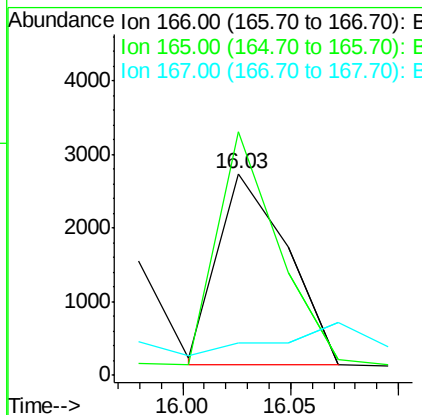
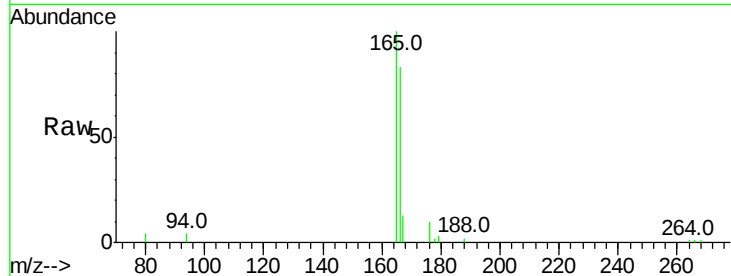
F6A54

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.7	73.4	110.2#
167	15.9	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.090 ng/ul

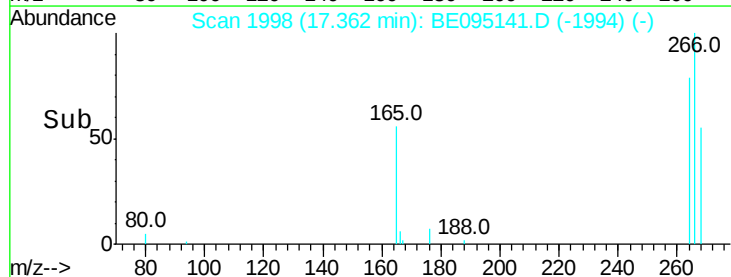
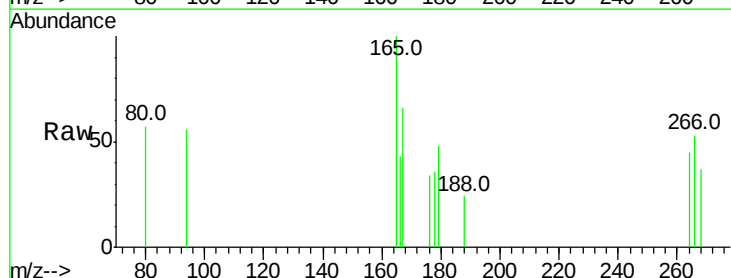
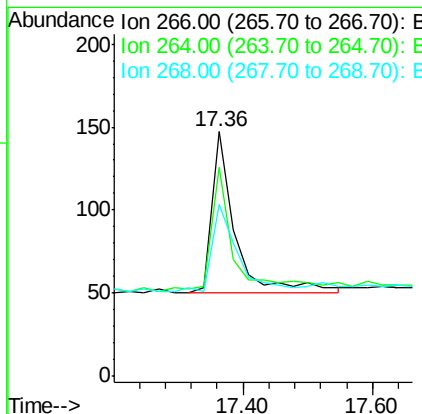
RT: 17.36 min Scan# 1998

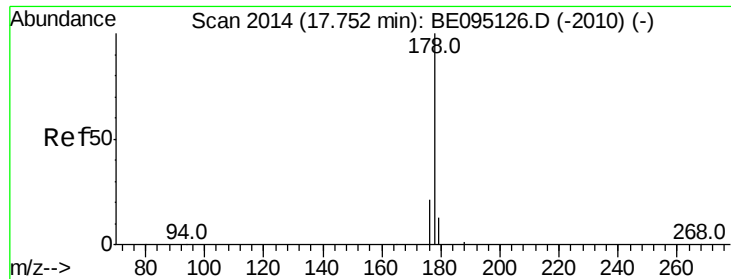
Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.8	47.9	71.9#
268	56.8	49.8	74.8





#12

Phenanthrene

Concen: 0.751 ng/ul

RT: 17.75 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Instrument :

BNA_E

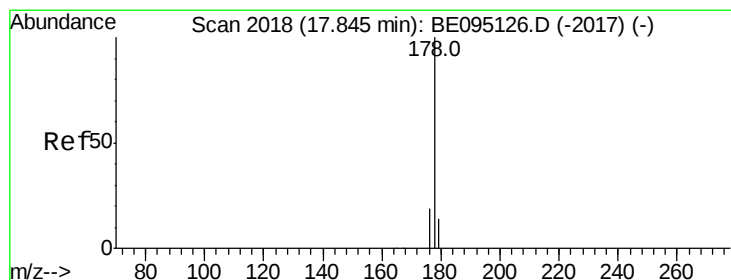
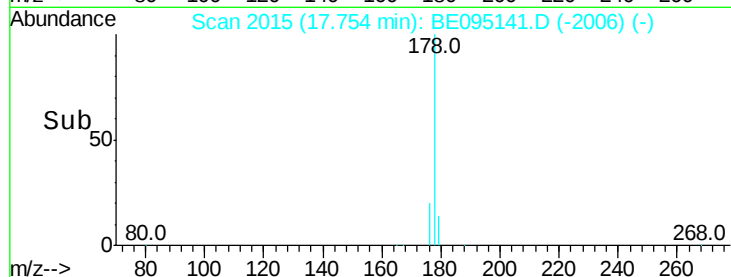
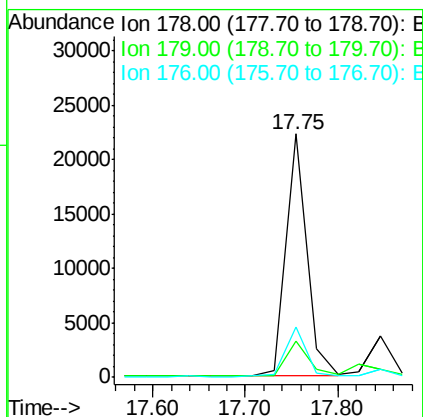
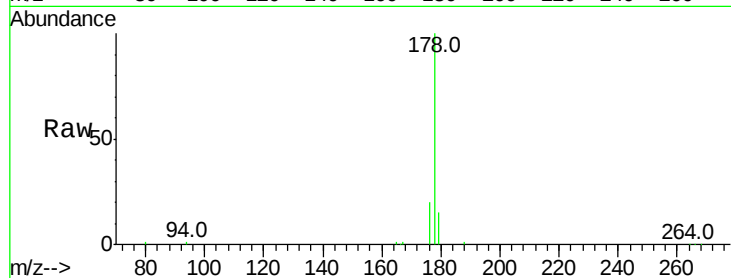
ClientSampleId :

F6A54

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	20.5	13.6	20.4#

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#13

Anthracene

Concen: 0.125 ng/ul

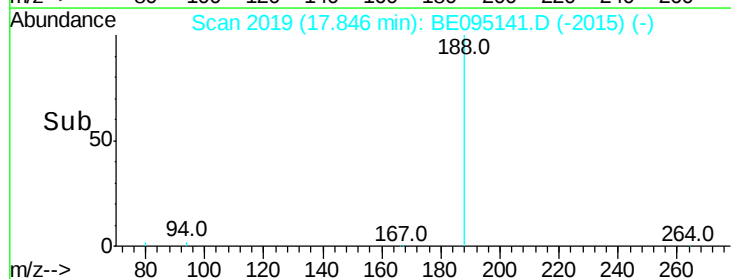
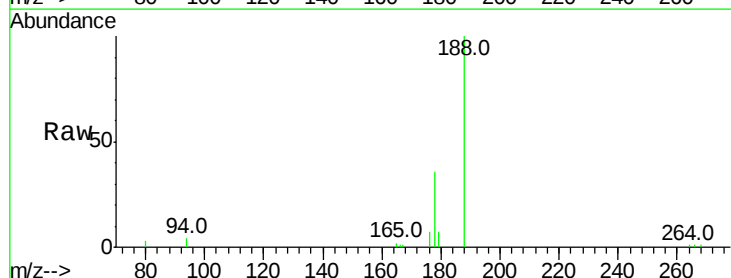
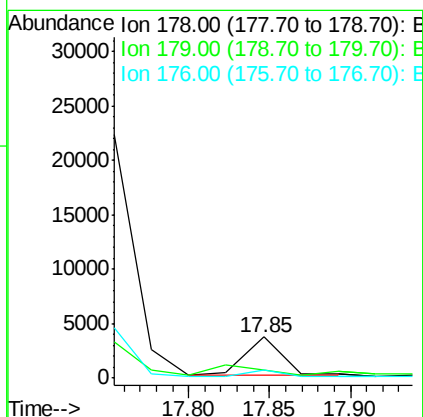
RT: 17.85 min Scan# 2019

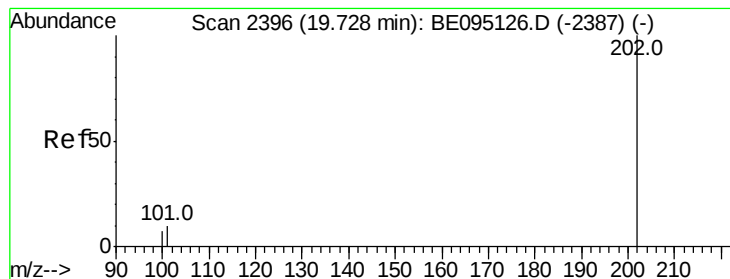
Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	18.1	27.1
176	20.7	14.7	22.1





#15

Fluoranthene

Concen: 0.429 ng/ul

RT: 19.73 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Instrument :

BNA_E

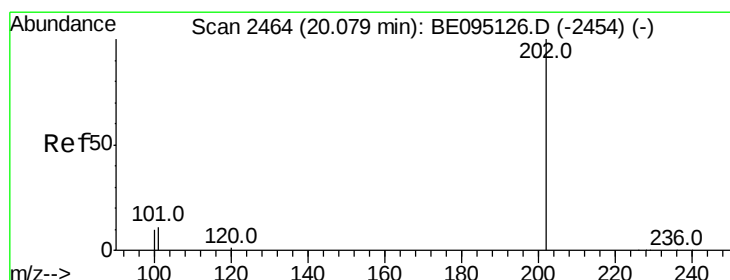
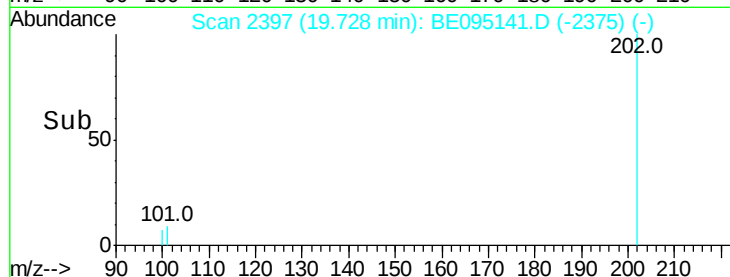
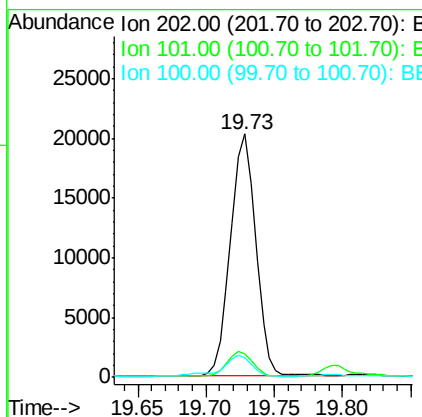
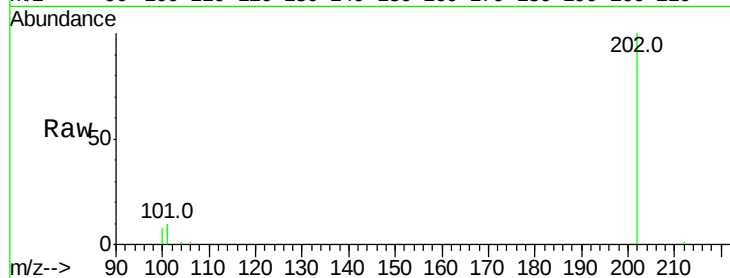
ClientSampled :

F6A54

Tot Ion:	202	Resp:	25985
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
100	7.8	0.0	39.5

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#17

Pyrene

Concen: 0.431 ng/ul

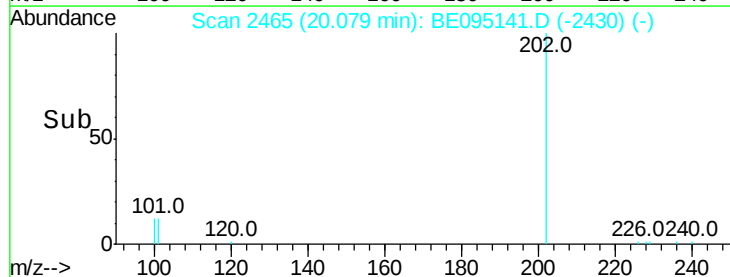
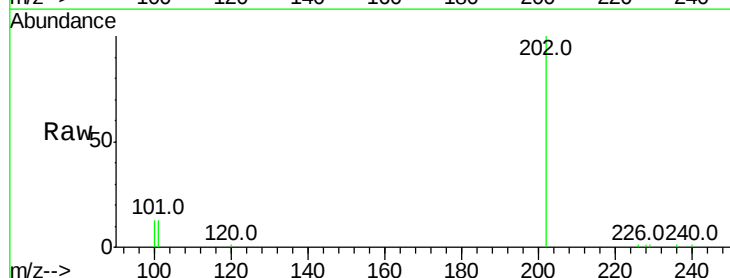
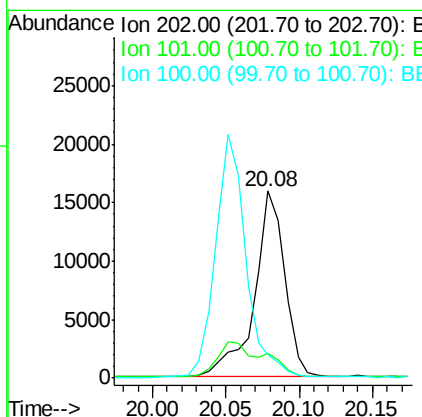
RT: 20.08 min Scan# 2465

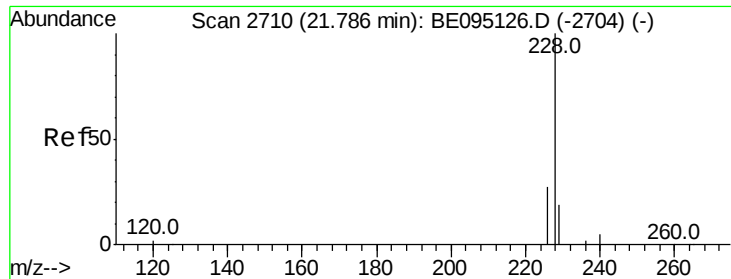
Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Tgt Ion:	202	Resp:	22915
Ion Ratio	Lower	Upper	
202	100		
101	13.2	18.2	27.4#
100	12.8	15.6	23.4#





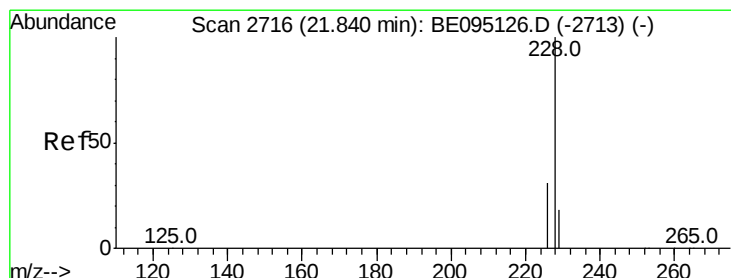
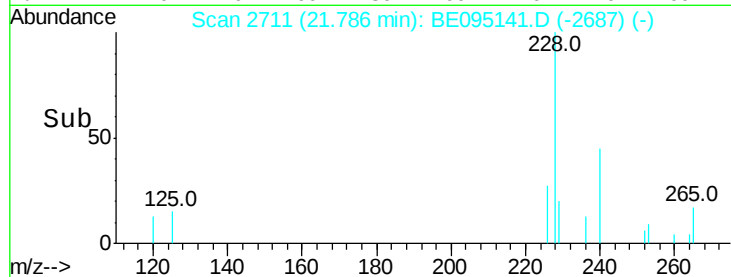
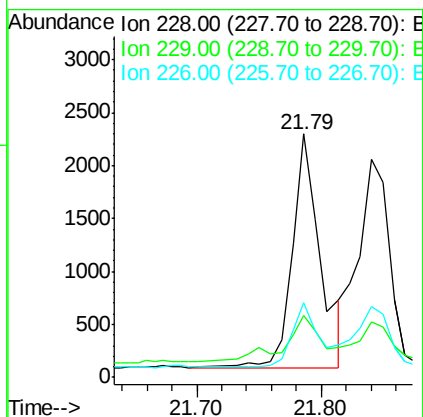
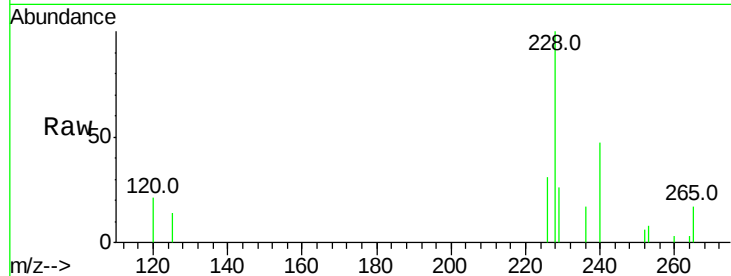
#18
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.79 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE095141.D
Acq: 26 Jan 2018 23:09

Instrument :
BNA_E
ClientSampleId :
F6A54

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.5	22.8	34.2
226	30.7	17.0	25.6

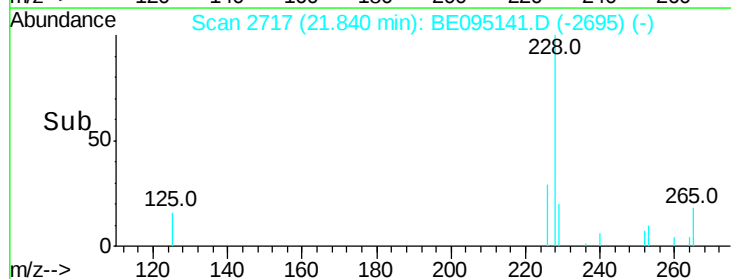
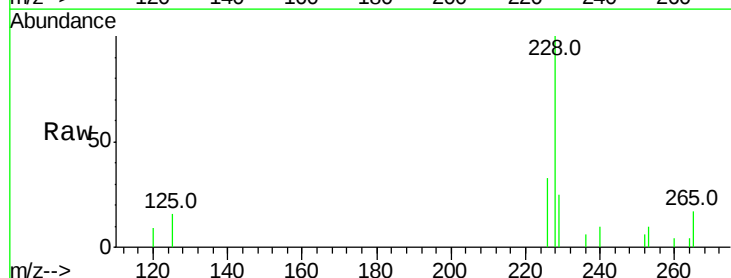
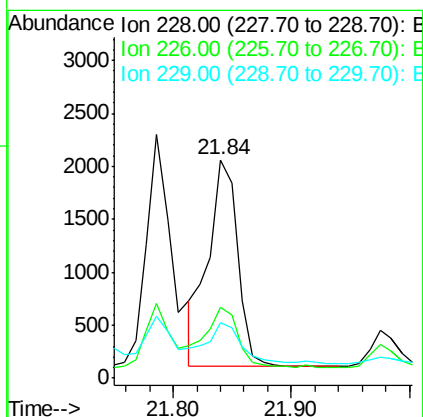
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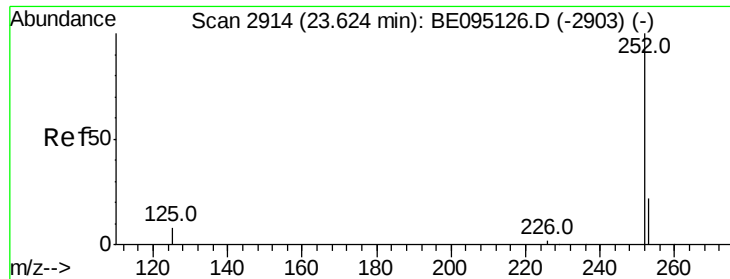
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#19
Chrysene
Concen: 0.066 ng/ul
RT: 21.84 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BE095141.D
Acq: 26 Jan 2018 23:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.0
229	25.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.054 ng/ul m

RT: 23.62 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BE095141.D

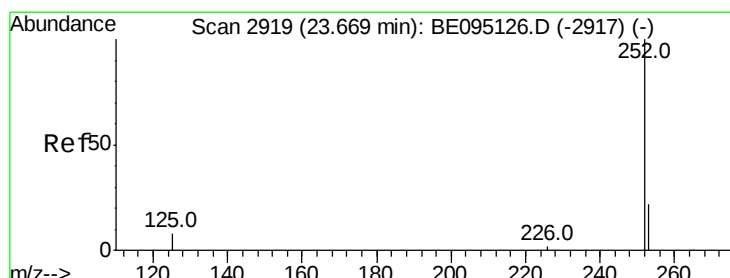
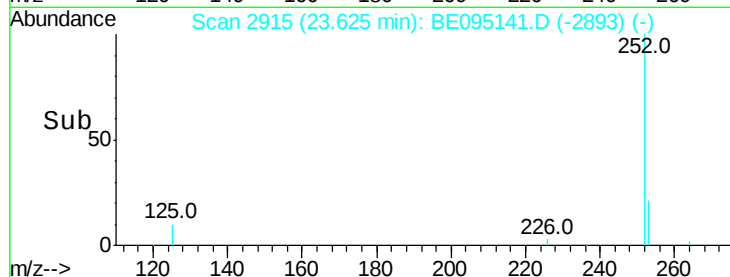
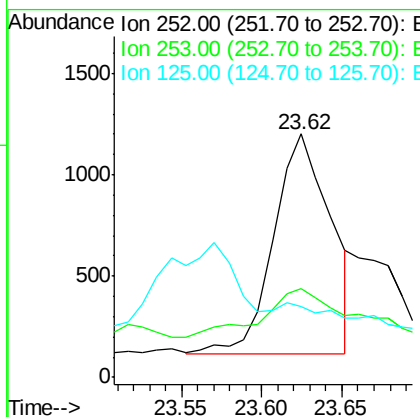
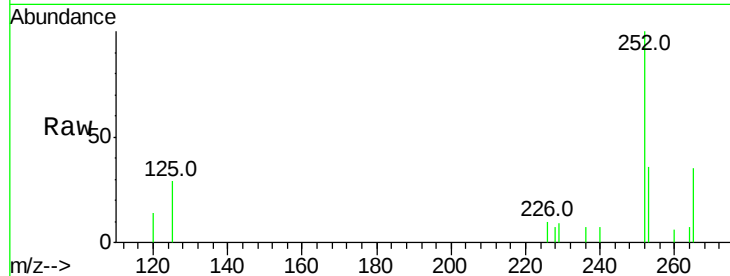
Acq: 26 Jan 2018 23:09

Instrument :
BNA_E
ClientSampleId :
F6A54

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.4	0.0	64.2
125	29.2	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul m

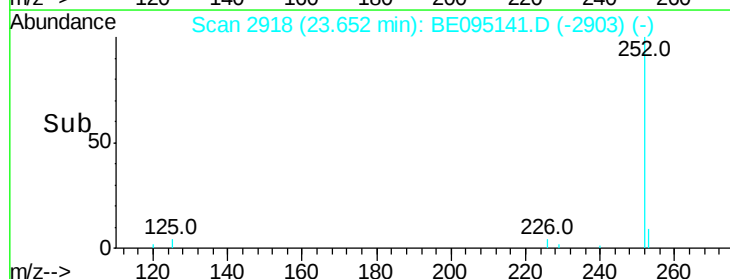
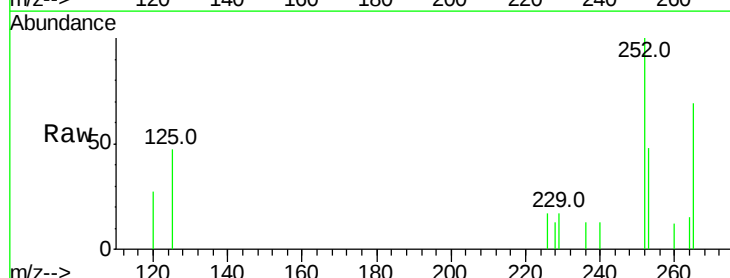
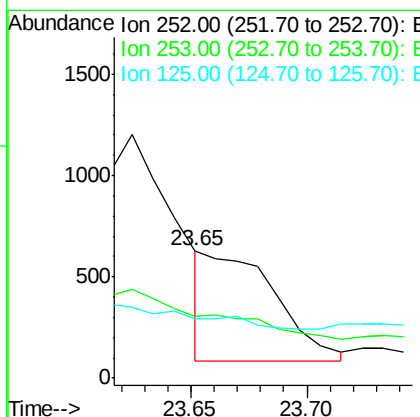
RT: 23.65 min Scan# 2918

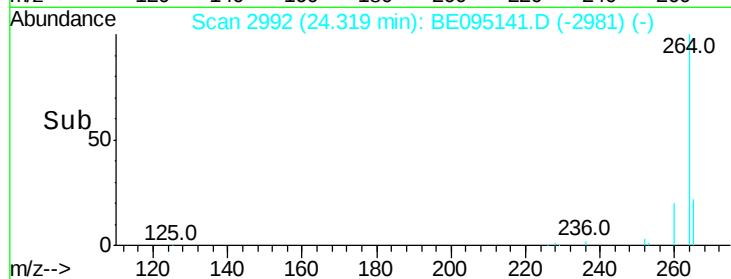
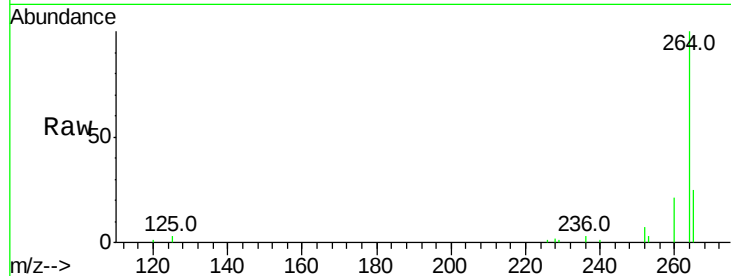
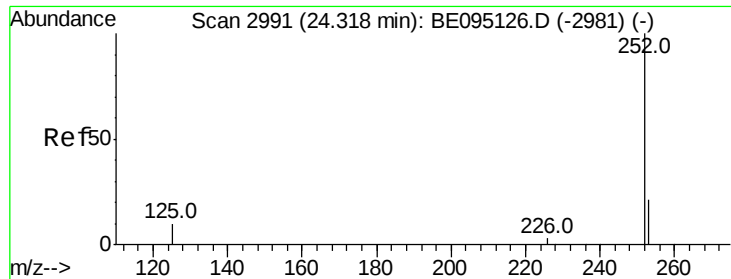
Delta R.T. -0.02 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.3	24.5	36.7#
125	46.8	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.038 ng/ul m

RT: 24.32 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Instrument :

BNA_E

ClientSampleId :

F6A54

Tot Ion:	252	Resp:	1691
Ion Ratio	Lower	Upper	
252	100		
253	43.9	28.5	42.7#
125	37.1	18.1	27.1#

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