

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121817\
 Data File : BE095024.D
 Acq On : 18 Dec 2017 23:37
 Operator : SJ/JU
 Sample : I6900-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F9C08

Manual Integrations
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Quant Time: Dec 19 06:14:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE121817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:08:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4854	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	16466	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	11174	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	22399m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	22480	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	20547m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	8140	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	23175	0.33	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	11.34	128	92830	2.123	ng/ul#	88
5) 2-Methylnaphthalene	12.91	142	2175	0.064	ng/ul	98
8) Acenaphthene	15.11	153	41057	1.046	ng/ul	95
9) Fluorene	16.07	166	19788	0.454	ng/ul	90
12) Phenanthrene	17.78	178	27401	0.464	ng/ul#	82
13) Anthracene	17.87	178	4997	0.089	ng/ul#	92
15) Fluoranthene	19.76	202	116742	1.518	ng/ul	84
17) Pyrene	20.11	202	74753	0.957	ng/ul#	79
18) Benzo(a)anthracene	21.82	228	11626	0.180	ng/ul#	88
19) Chrysene	21.88	228	7022m	0.102	ng/ul	
21) Benzo(b)fluoranthene	23.67	252	4143m	0.058	ng/ul	

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

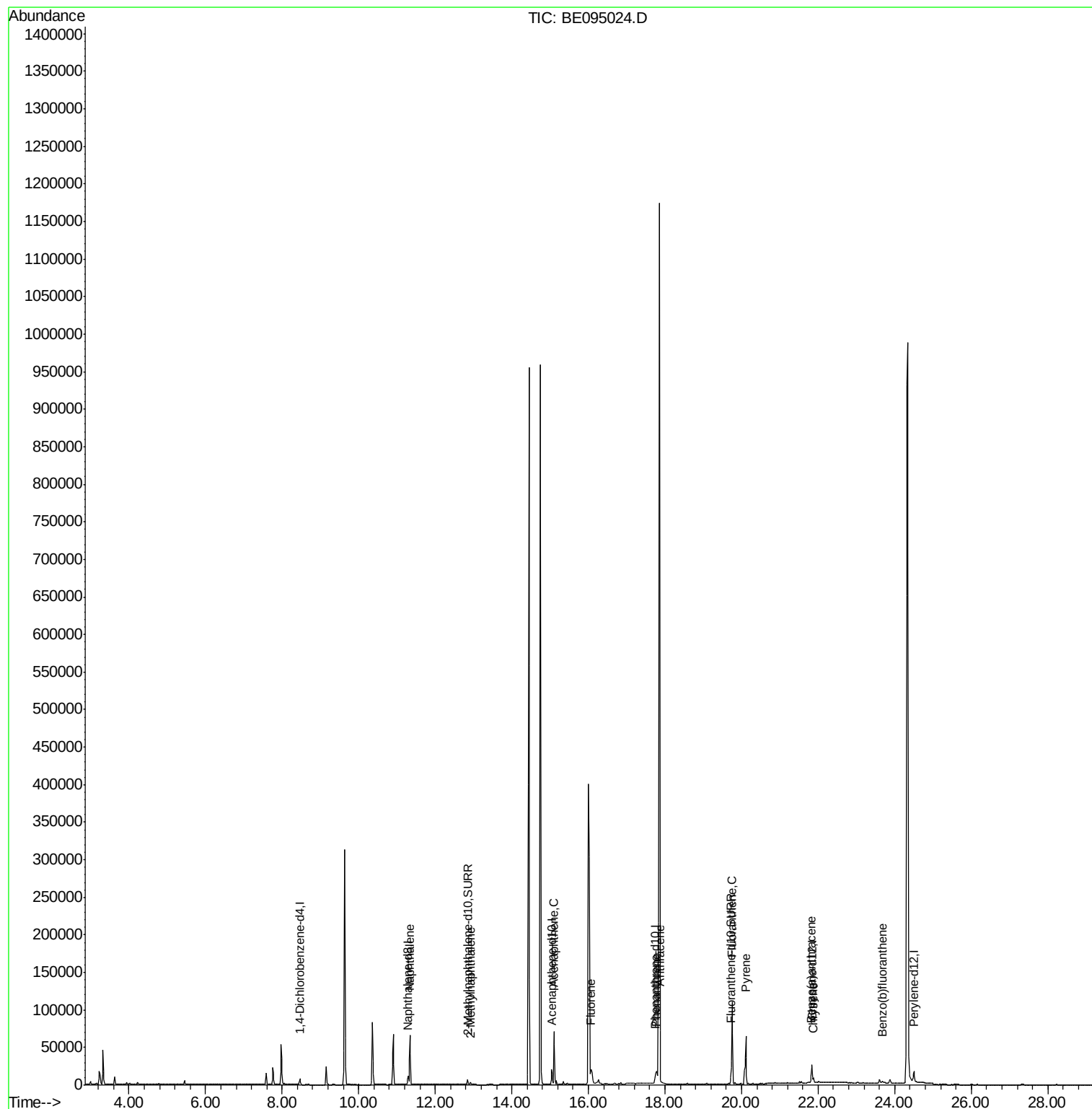
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121817\
Data File : BE095024.D
Acq On : 18 Dec 2017 23:37
Operator : SJ/JU
Sample : I6900-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

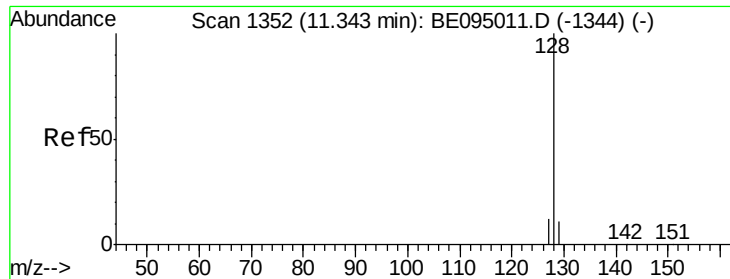
Instrument :
BNA_E
ClientSampleId :
F9C08

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#3

Naphthalene

Concen: 2.123 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:128 Resp: 92830

Ion Ratio Lower Upper

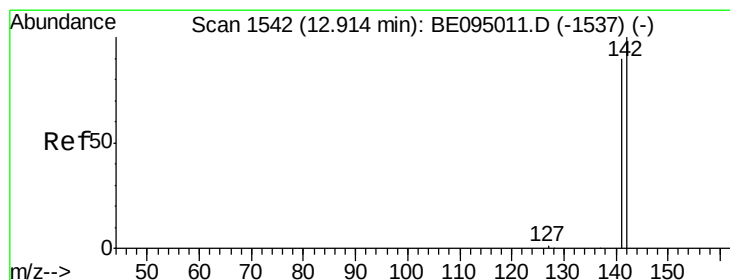
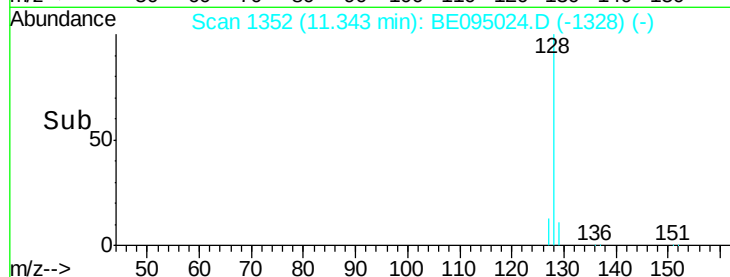
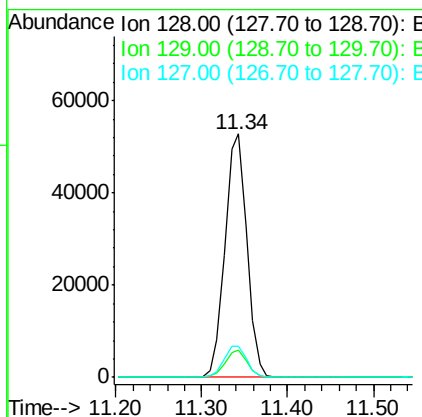
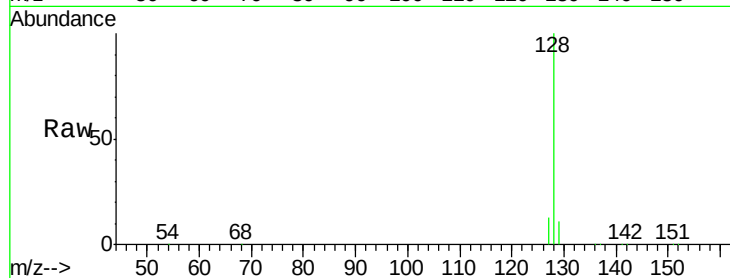
128 100

129 11.1 11.3 16.9#

127 13.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.064 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095024.D

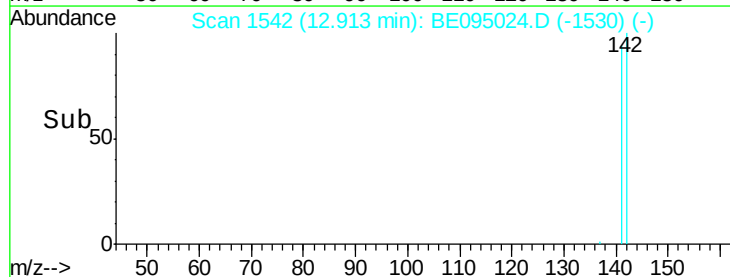
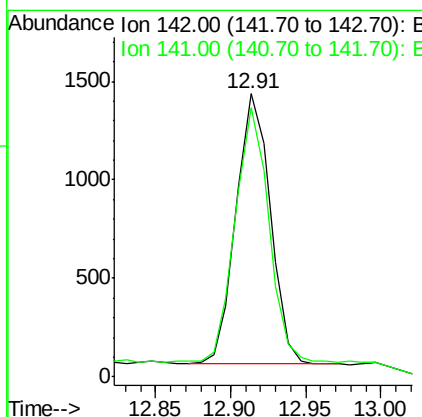
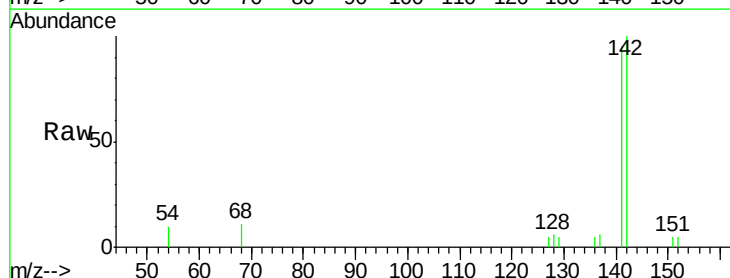
Acq: 18 Dec 2017 23:37

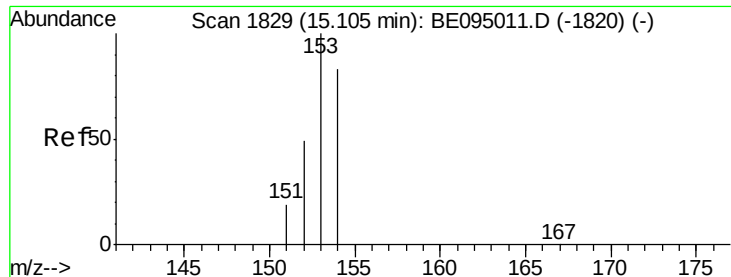
Tgt Ion:142 Resp: 2175

Ion Ratio Lower Upper

142 100

141 92.6 72.6 108.8





#8

Acenaphthene

Concen: 1.046 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

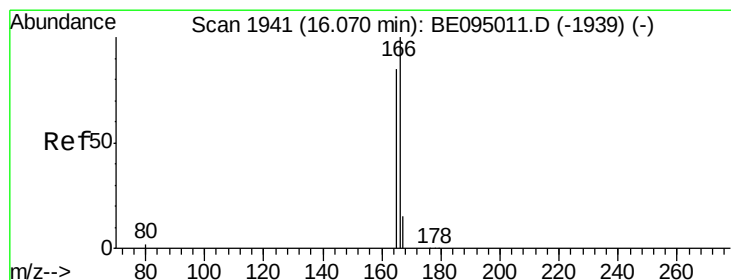
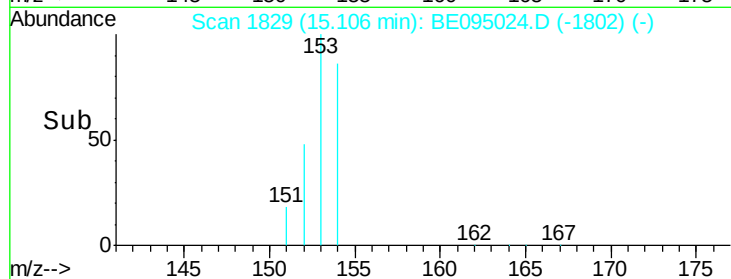
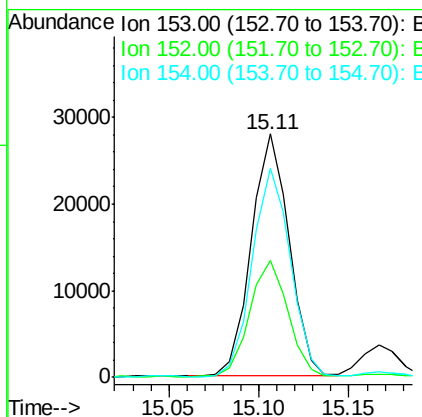
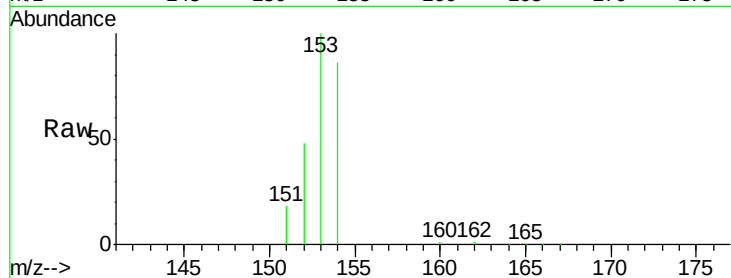
ClientSampleId :

F9C08

Tgt Ion:	153	Resp:	41057
Ion Ratio	Lower	Upper	
153	100		
152	48.2	36.0	54.0
154	85.7	72.0	108.0

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#9

Fluorene

Concen: 0.454 ng/ul

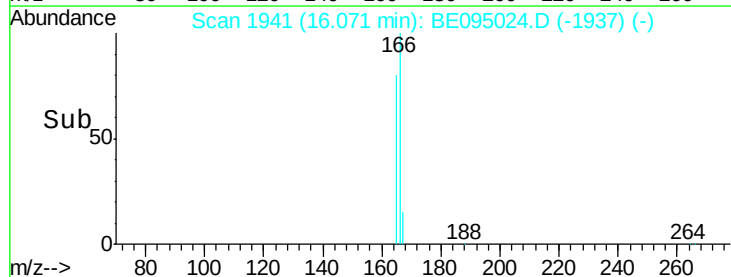
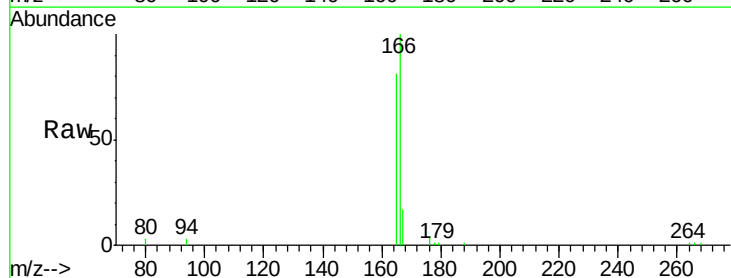
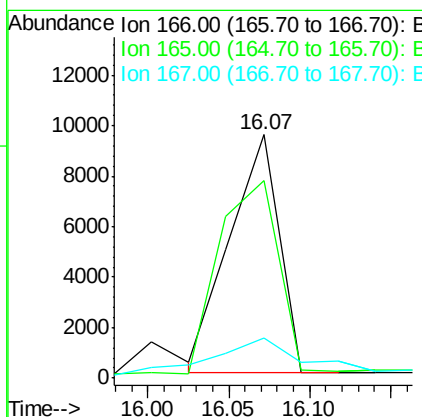
RT: 16.07 min Scan# 1941

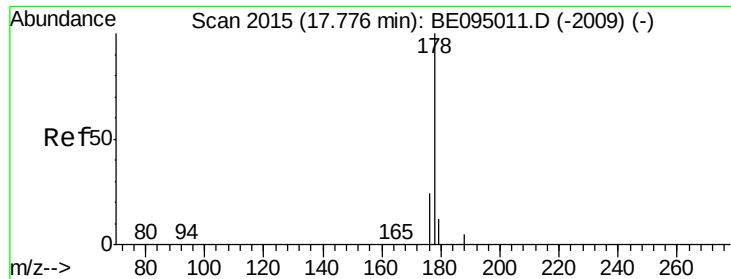
Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Tgt Ion:	166	Resp:	19788
Ion Ratio	Lower	Upper	
166	100		
165	81.1	73.4	110.2
167	16.6	14.6	22.0





#12

Phenanthrene

Concen: 0.464 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

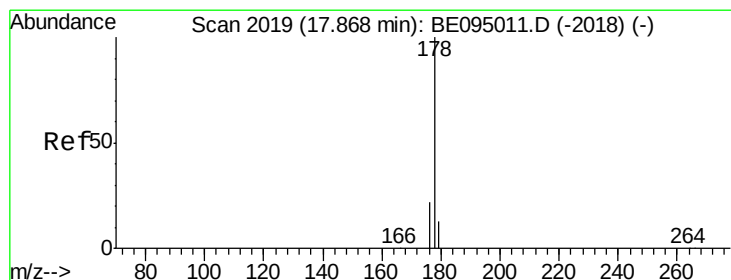
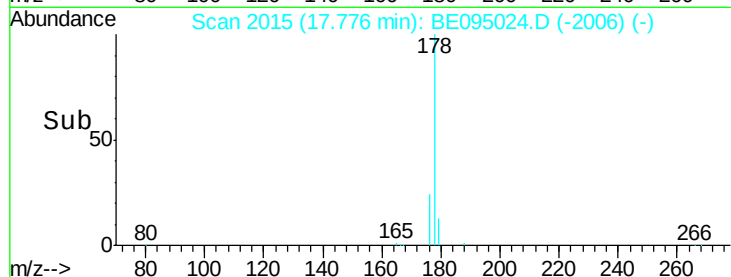
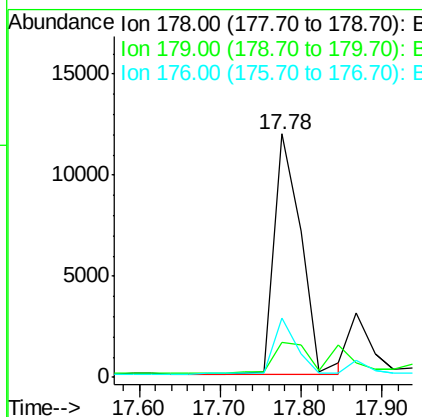
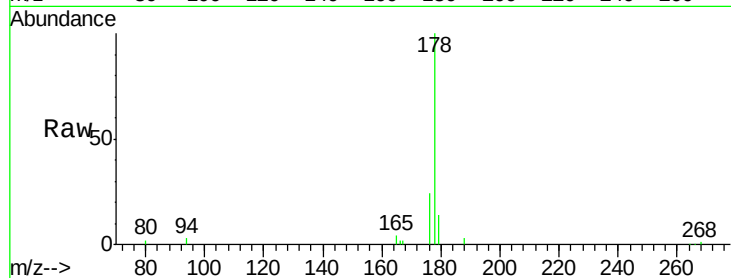
ClientSampleId :

F9C08

Tgt Ion:	178	Resp:	27401
Ion Ratio	Lower	Upper	
178	100		
179	14.1	18.4	27.6#
176	24.5	13.6	20.4#

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#13

Anthracene

Concen: 0.089 ng/ul

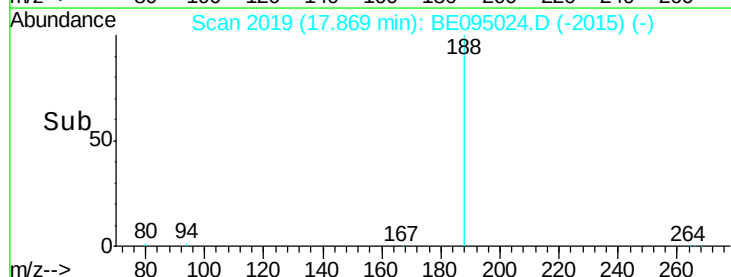
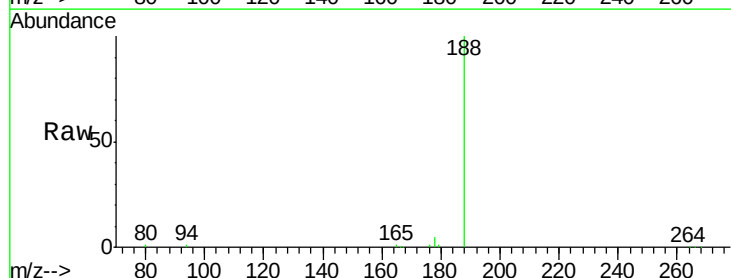
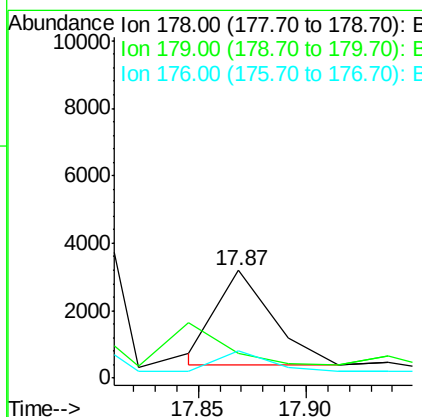
RT: 17.87 min Scan# 2019

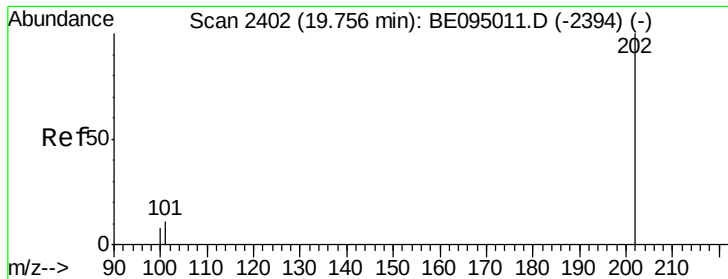
Delta R.T. 0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Tgt Ion:	178	Resp:	4997
Ion Ratio	Lower	Upper	
178	100		
179	22.9	18.1	27.1
176	25.7	14.7	22.1#





#15

Fluoranthene

Concen: 1.518 ng/ul

RT: 19.76 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

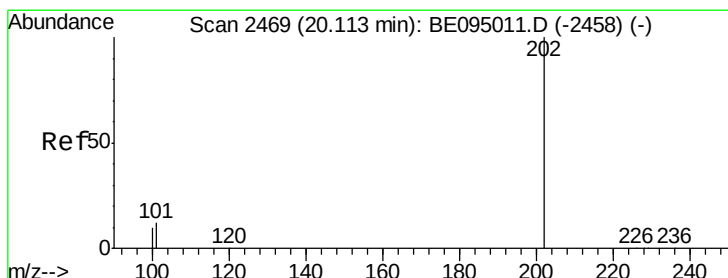
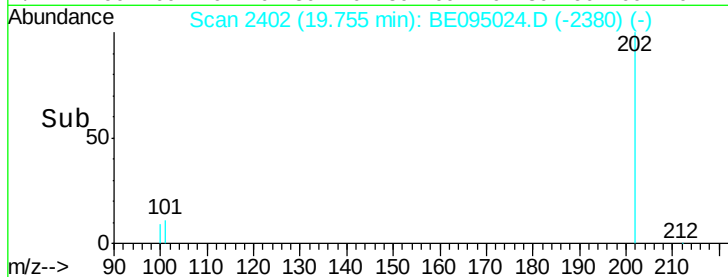
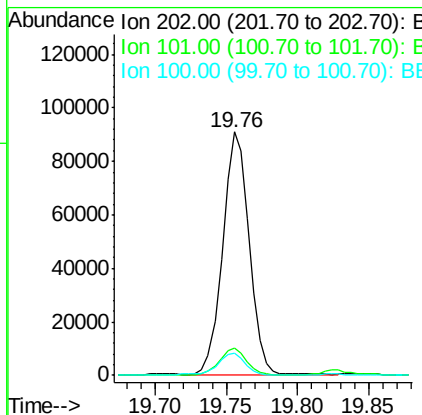
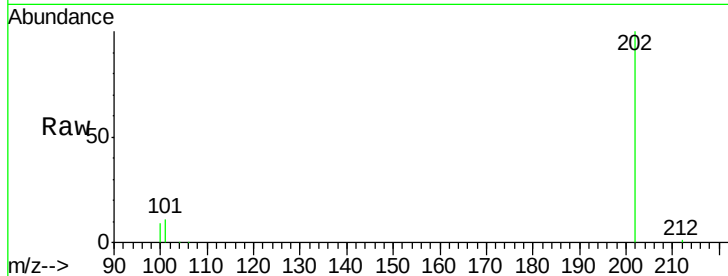
ClientSampleId :

F9C08

Tgt Ion:	202	Resp:	116742
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.3
100	8.9	0.0	39.5

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#17

Pyrene

Concen: 0.957 ng/ul

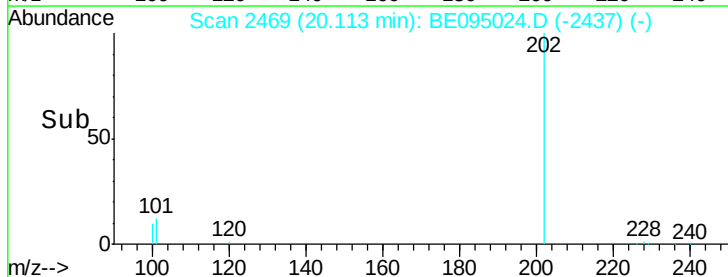
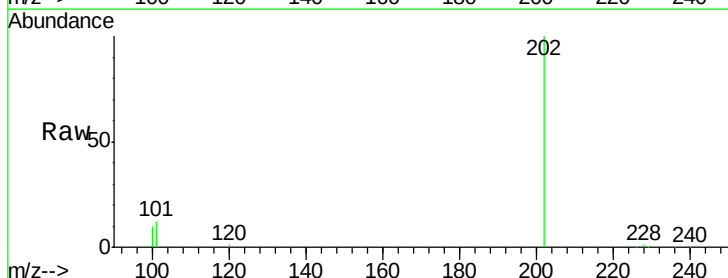
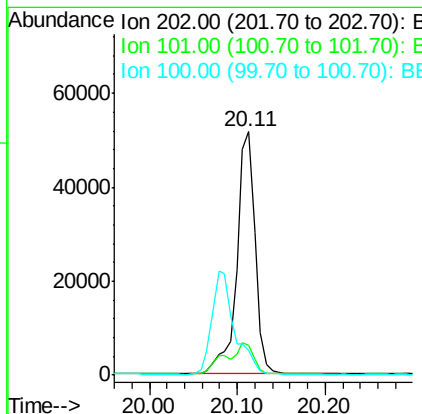
RT: 20.11 min Scan# 2469

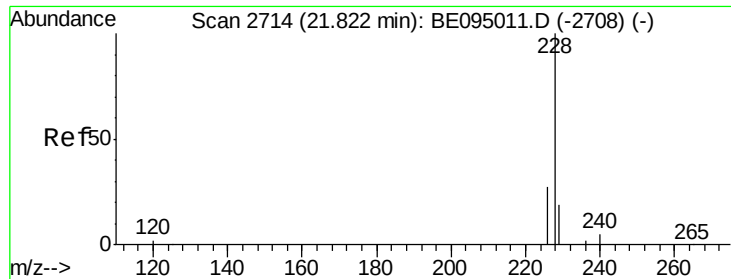
Delta R.T. -0.00 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Tgt Ion:	202	Resp:	74753
Ion Ratio	Lower	Upper	
202	100		
101	12.0	18.2	27.4#
100	10.2	15.6	23.4#





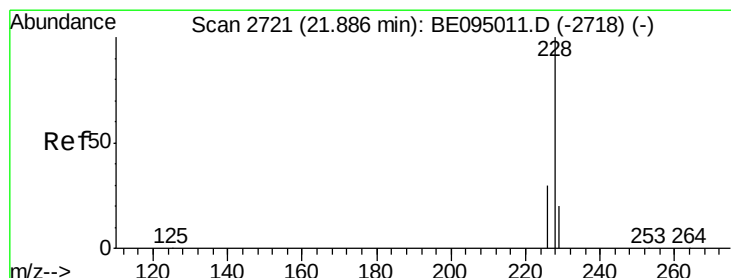
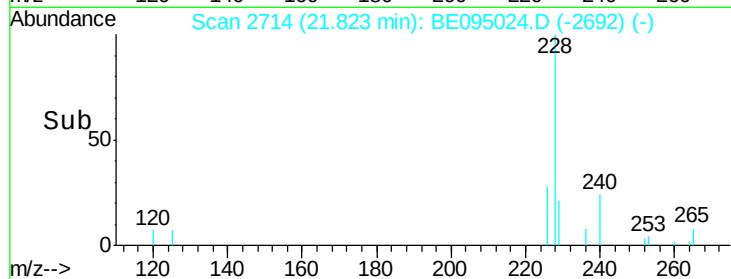
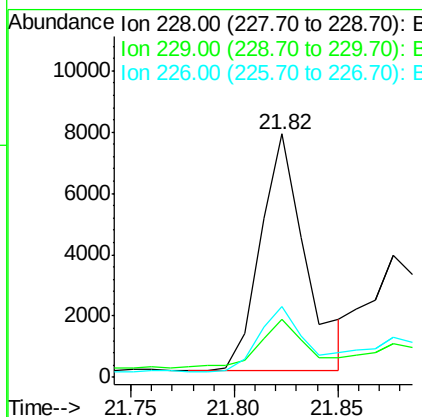
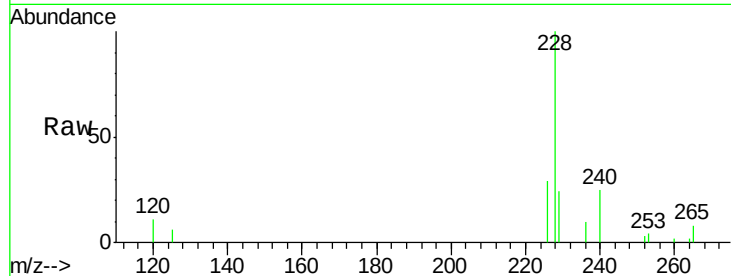
#18
Benzo(a)anthracene
Concen: 0.180 ng/ul
RT: 21.82 min Scan# 2714
Delta R.T. 0.00 min
Lab File: BE095024.D
Acq: 18 Dec 2017 23:37

Instrument :
BNA_E
ClientSampled :
F9C08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.6	22.8	34.2
226	29.1	17.0	25.6#

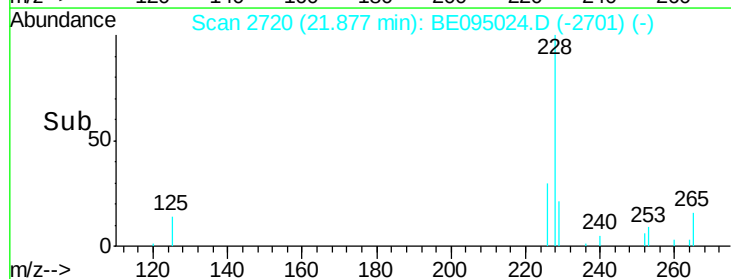
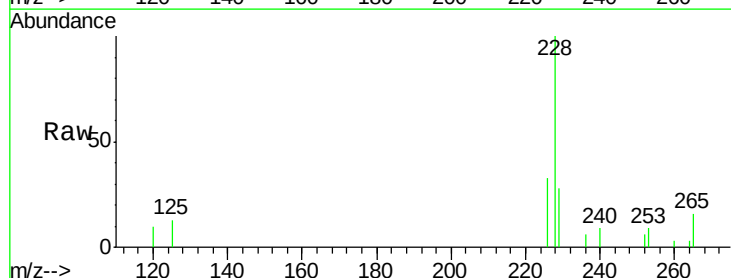
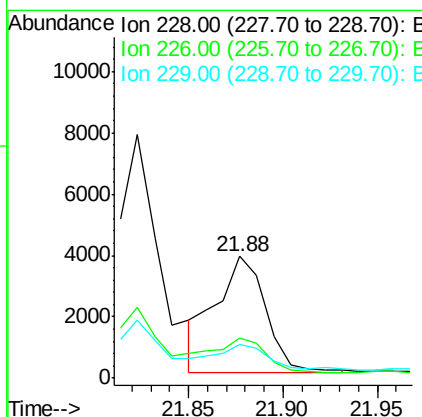
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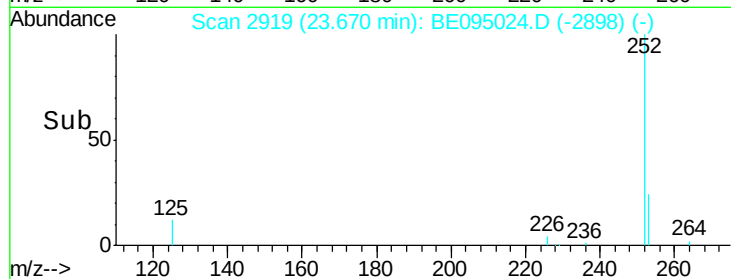
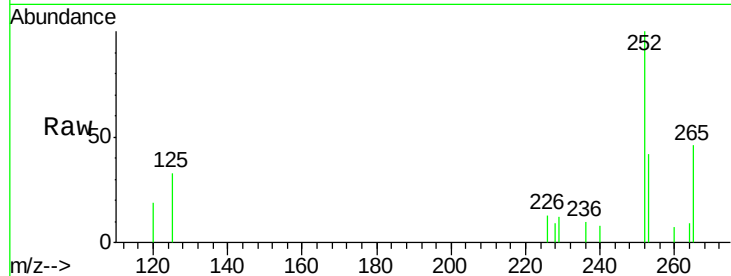
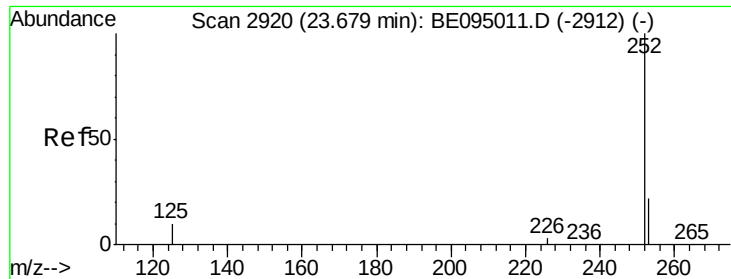
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#19
Chrysene
Concen: 0.102 ng/ul m
RT: 21.88 min Scan# 2720
Delta R.T. -0.01 min
Lab File: BE095024.D
Acq: 18 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.4	35.0
229	27.5	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.058 ng/ul m

RT: 23.67 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BE095024.D

Acq: 18 Dec 2017 23:37

Instrument :

BNA_E

ClientSampleId :

F9C08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.5	0.0	64.2
125	33.4	0.0	35.0

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