

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
 Data File : BE095595.D
 Acq On : 9 Feb 2018 7:29
 Operator : SJ/JU
 Sample : J1317-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C76

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:46:21 AM

Quant Time: Feb 09 22:41:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 08 09:02:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1915	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5710	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3789	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8498	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7989	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7416m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3429	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	9218	0.28	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	17.36	266	7516	4.566	ng/ul	97
12) Phenanthrene	17.75	178	1135m	0.040	ng/ul	
13) Anthracene	17.84	178	729m	0.028	ng/ul	
15) Fluoranthene	19.72	202	4689	0.127	ng/ul	84
17) Pyrene	20.07	202	4698m	0.175	ng/ul	
18) Benzo(a)anthracene	21.78	228	1632	0.065	ng/ul#	85
19) Chrysene	21.83	228	2155	0.083	ng/ul#	80
21) Benzo(b)fluoranthene	23.62	252	3246m	0.124	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	710m	0.030	ng/ul	
23) Benzo(a)pyrene	24.31	252	869m	0.037	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	848m	0.033	ng/ul	
26) Benzo(g,h,i)perylene	28.10	276	817m	0.038	ng/ul	

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

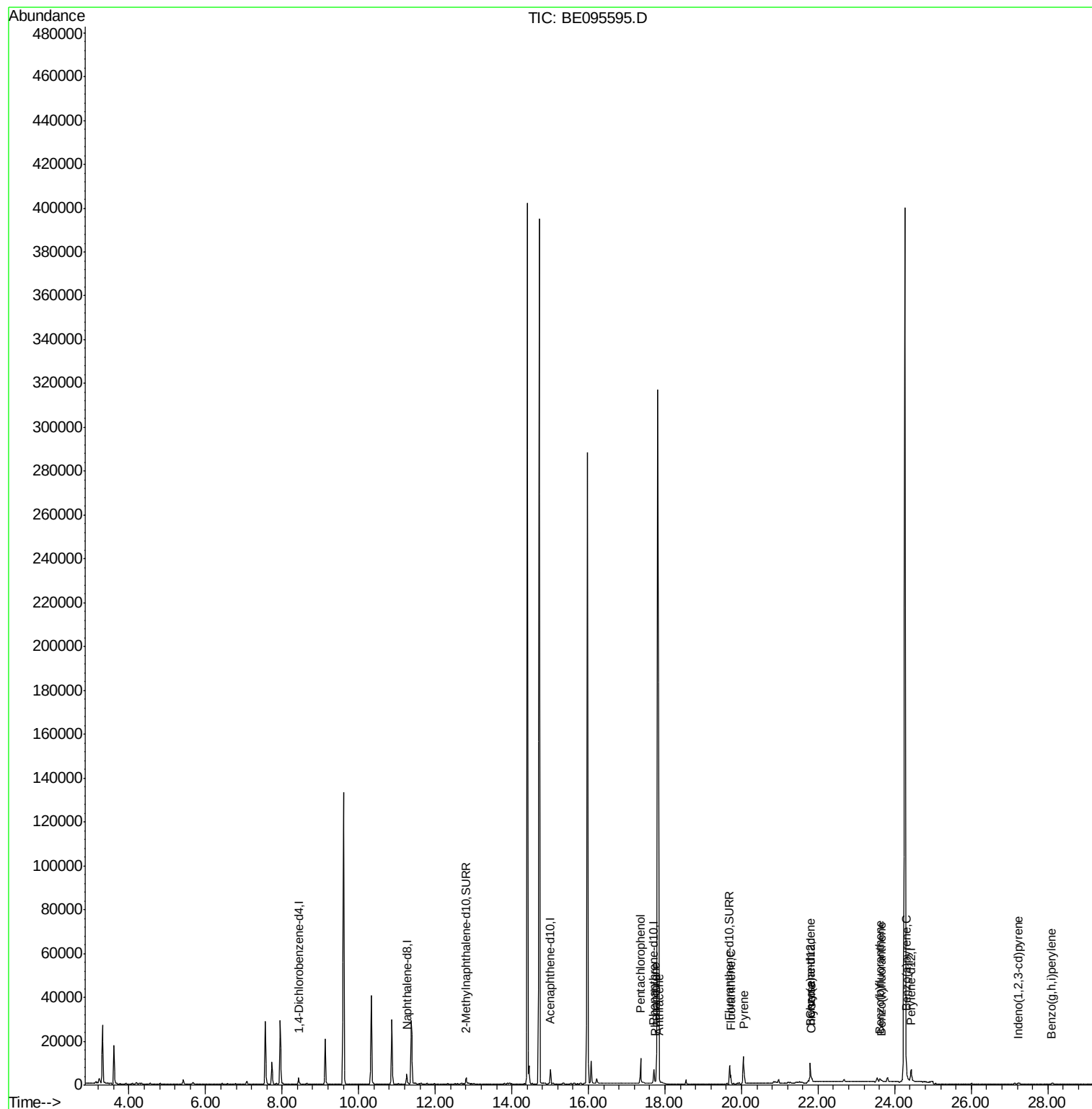
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\
Data File : BE095595.D
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ALS Vial : 35 Sample Multiplier: 1

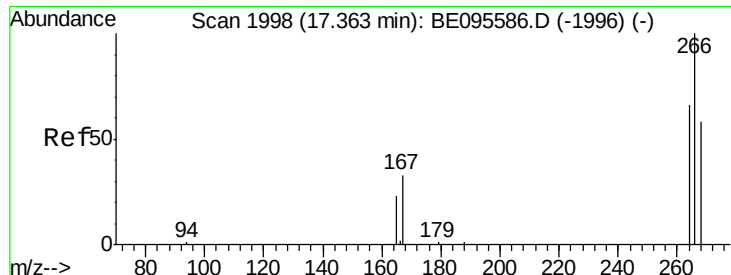
Instrument :
BNA_E
ClientSampleId :
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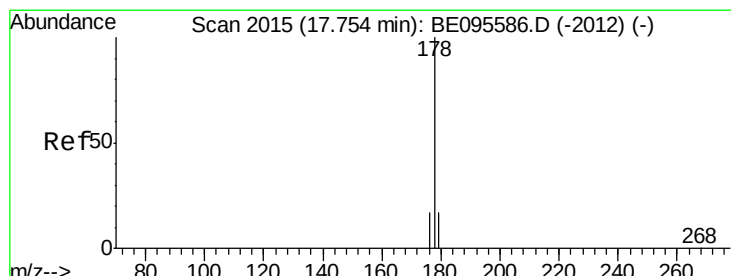
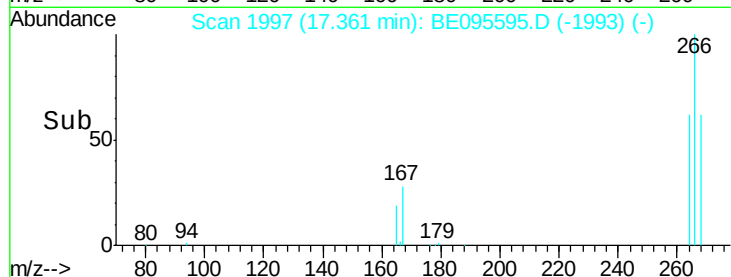
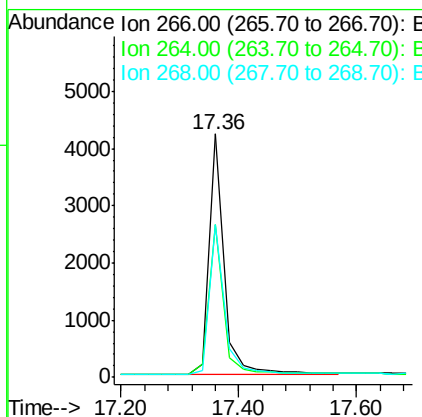
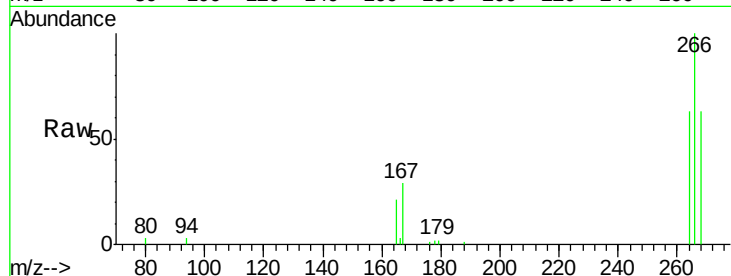
#11
 Pentachlorophenol
 Concen: 4.566 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095595.D
 Acq: 9 Feb 2018 7:29

Instrument :
 BNA_E
 ClientSampled :
 F6C76

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.4	47.9	71.9
268	63.7	49.8	74.8

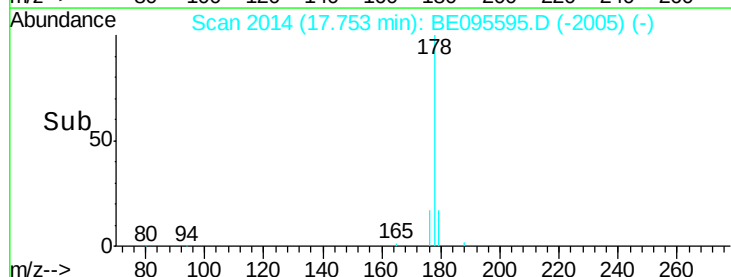
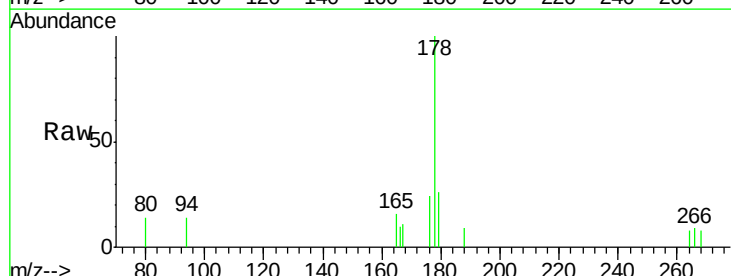
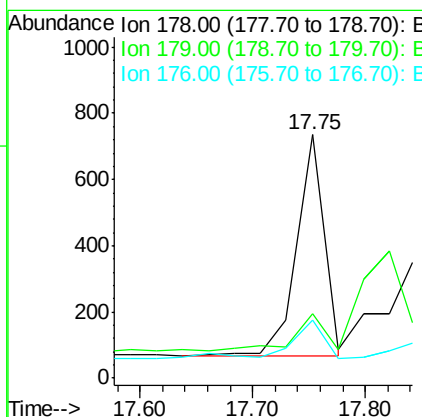
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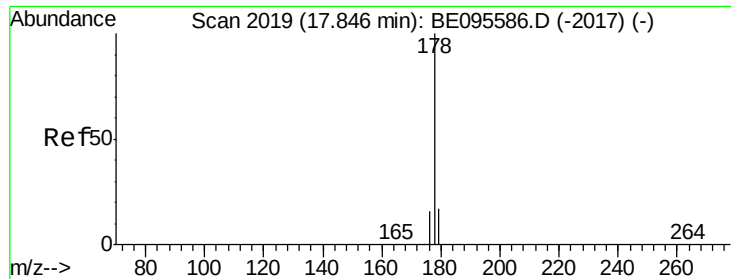
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#12
 Phenanthrene
 Concen: 0.040 ng/ul m
 RT: 17.75 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BE095595.D
 Acq: 9 Feb 2018 7:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.5	18.4	27.6
176	23.8	13.6	20.4





#13

Anthracene

Concen: 0.028 ng/ul m

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095595.D

Acq: 9 Feb 2018 7:29

Instrument :

BNA_E

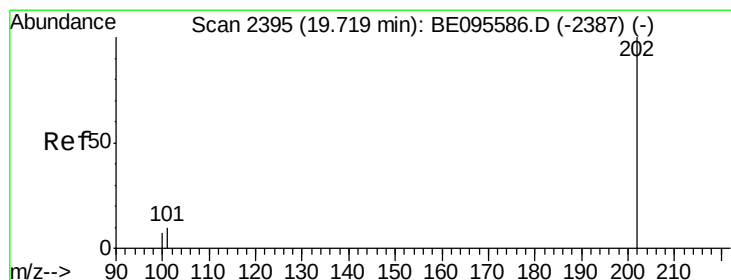
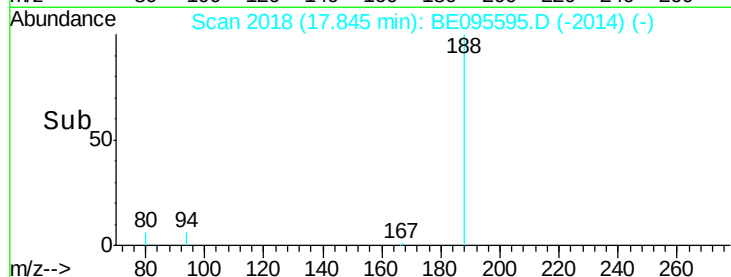
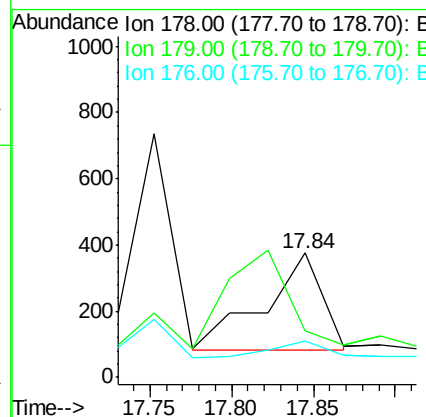
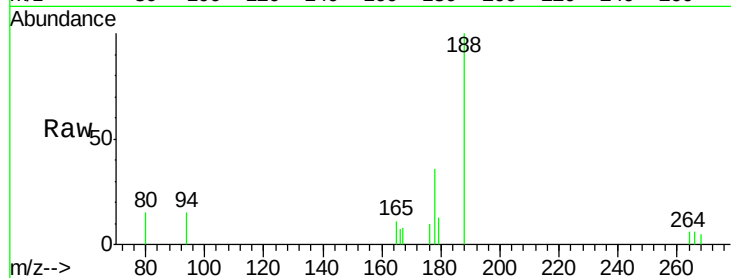
ClientSampleId :

F6C76

Tot Ion	Ratio	Lower	Upper
178	100		
179	37.1	18.1	27.1#
176	29.3	14.7	22.1#

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#15

Fluoranthene

Concen: 0.127 ng/ul

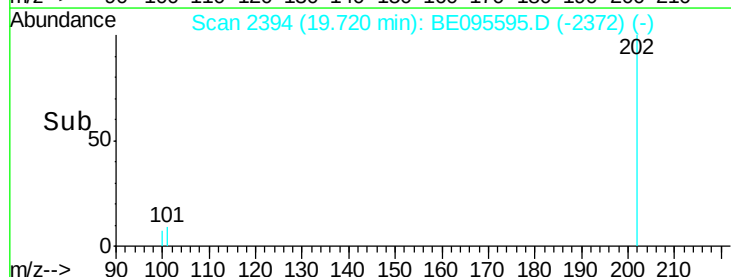
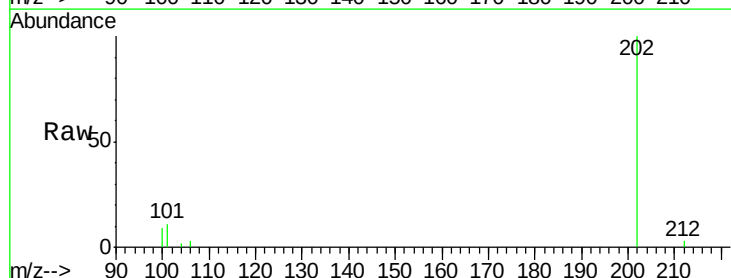
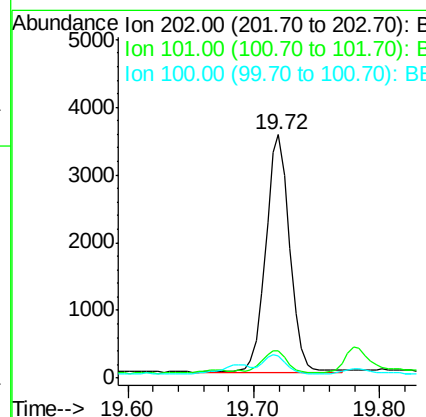
RT: 19.72 min Scan# 2394

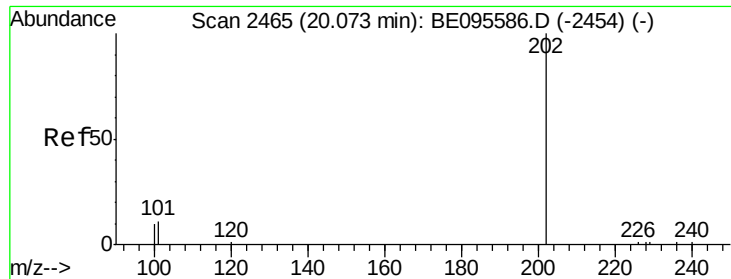
Delta R.T. 0.00 min

Lab File: BE095595.D

Acq: 9 Feb 2018 7:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	9.1	0.0	39.5





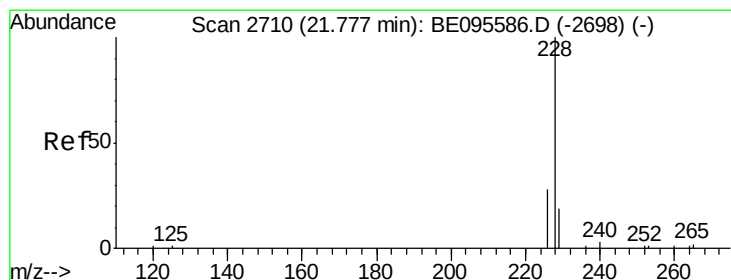
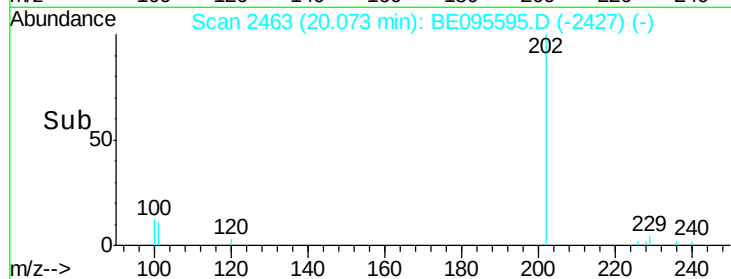
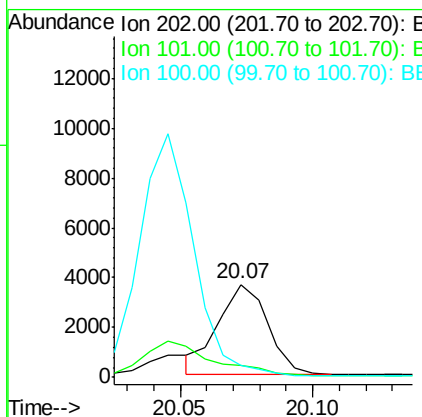
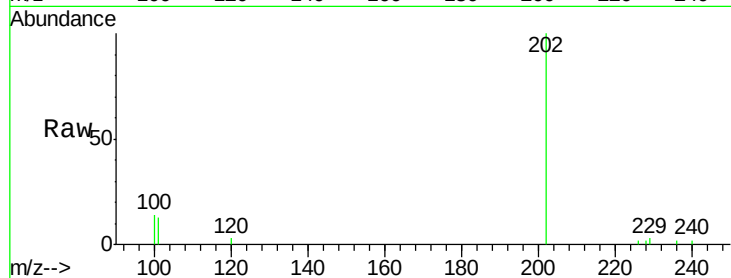
#17
 Pvrene
 Concen: 0.175 ng/ul m
 RT: 20.07 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BE095595.D
 Acq: 9 Feb 2018 7:29

Instrument :
 BNA_E
 ClientSampleId :
 F6C76

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	13.5	15.6	23.4#

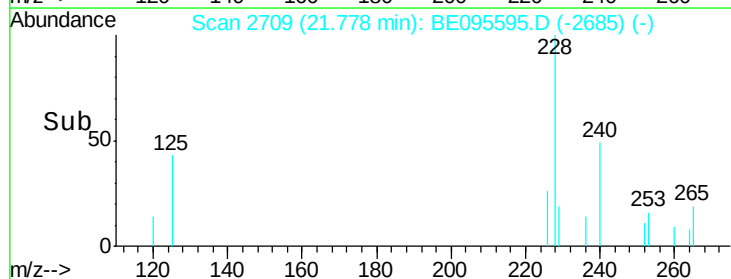
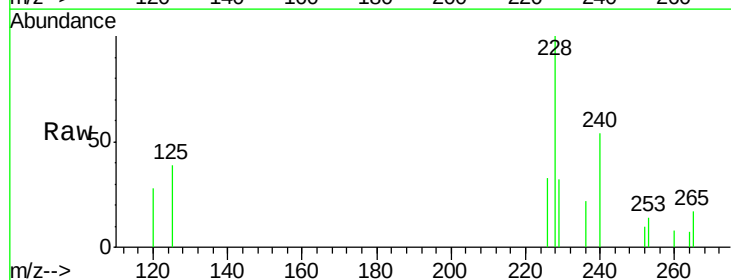
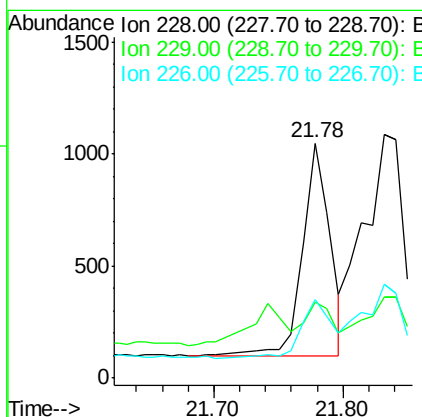
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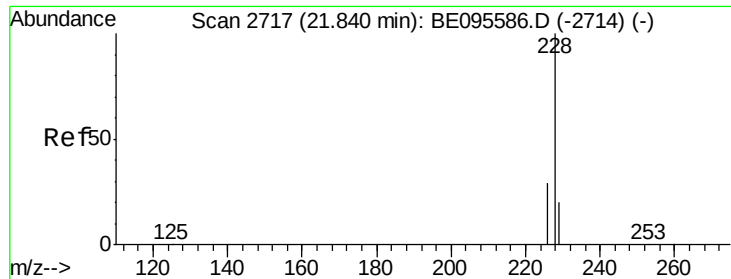
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#18
 Benzo(a)anthracene
 Concen: 0.065 ng/ul
 RT: 21.78 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BE095595.D
 Acq: 9 Feb 2018 7:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.3	22.8	34.2
226	33.4	17.0	25.6#





#19

Chrysene

Concen: 0.083 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.01 min

Lab File: BE095595.D

Acq: 9 Feb 2018 7:29

Instrument :

BNA_E

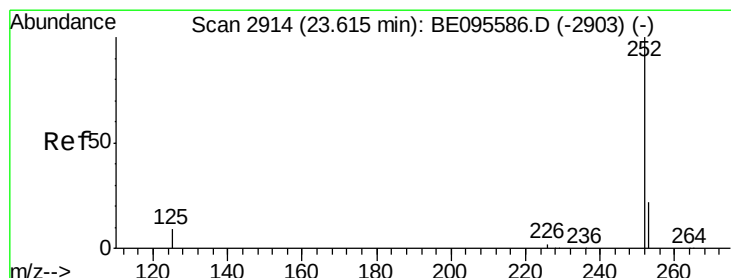
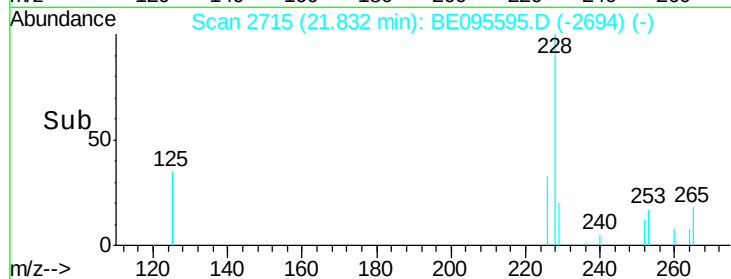
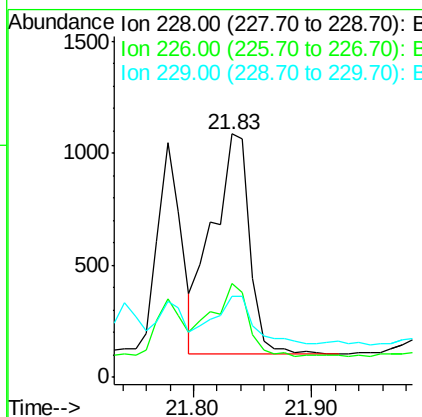
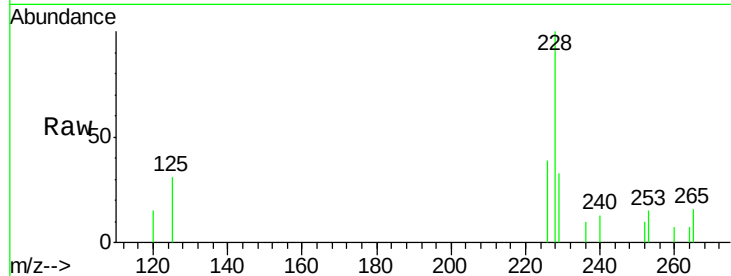
ClientSampleId :

F6C76

Tot Ion:	228	Resp:	2155
Ion Ratio	Lower	Upper	
228	100		
226	38.7	23.4	35.0#
229	33.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.124 ng/ul m

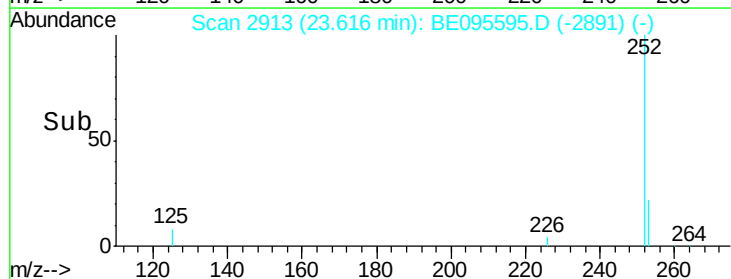
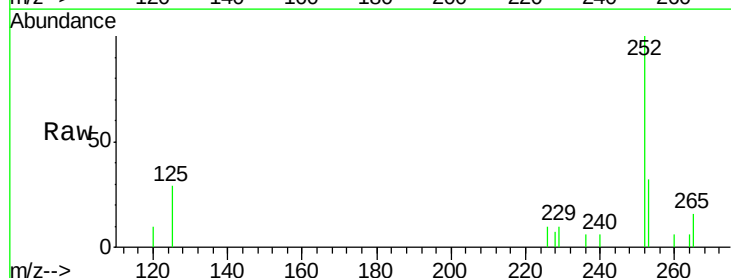
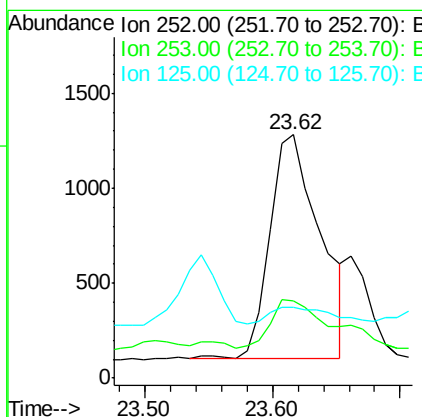
RT: 23.62 min Scan# 2913

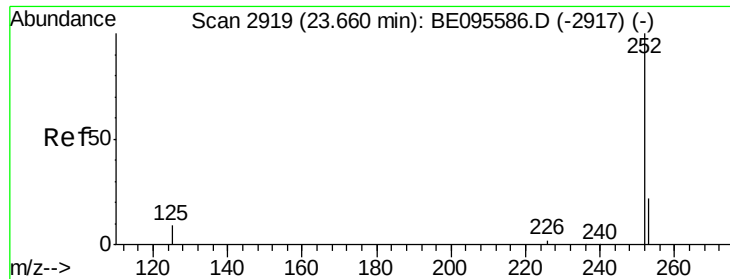
Delta R.T. 0.00 min

Lab File: BE095595.D

Acq: 9 Feb 2018 7:29

Tgt Ion:	252	Resp:	3246
Ion Ratio	Lower	Upper	
252	100		
253	31.9	0.0	64.2
125	28.9	0.0	35.0





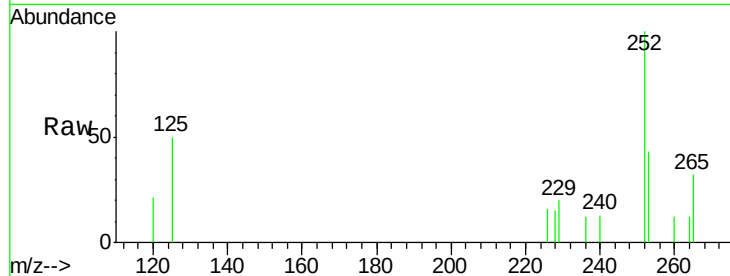
#22
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 23.66 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BE095595.D
Acq: 9 Feb 2018 7:29

Instrument :
BNA_E
ClientSampled :
F6C76

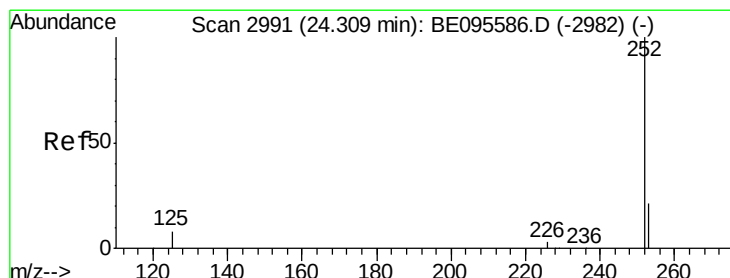
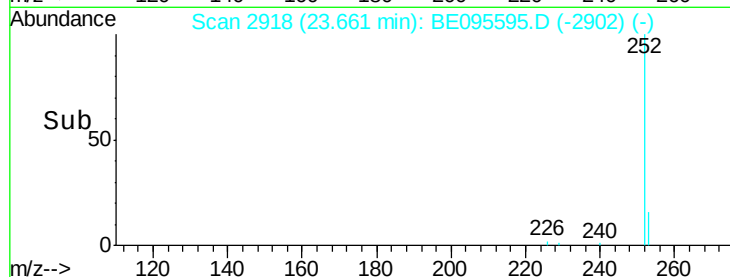
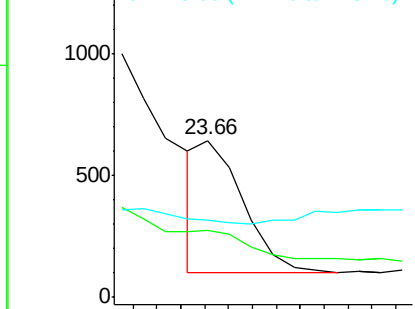
Tot Ion	Ratio	Lower	Upper
252	100		
253	43.1	24.5	36.7#
125	49.6	13.7	20.5#

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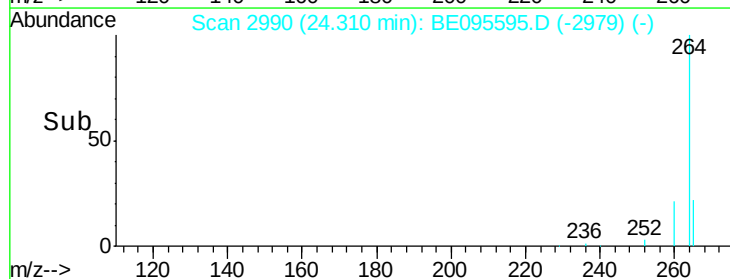
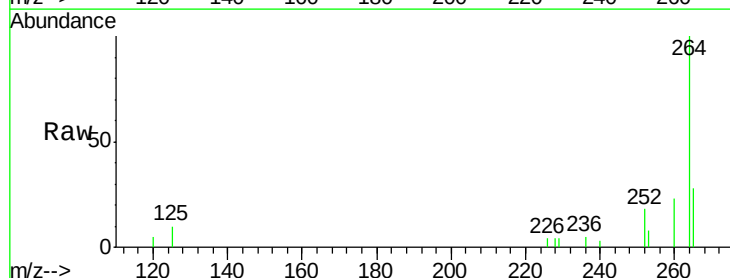
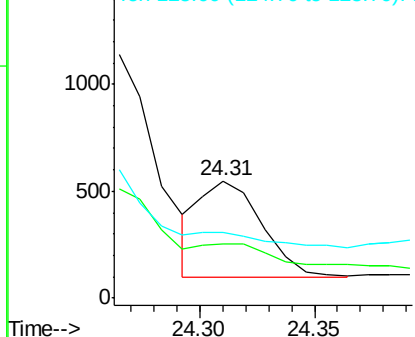
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

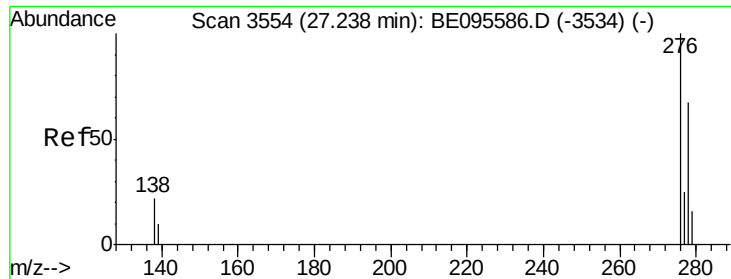


#23
Benzo(a)pyrene
Concen: 0.037 ng/ul m
RT: 24.31 min Scan# 2990
Delta R.T. 0.00 min
Lab File: BE095595.D
Acq: 9 Feb 2018 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.1	28.5	42.7#
125	56.7	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





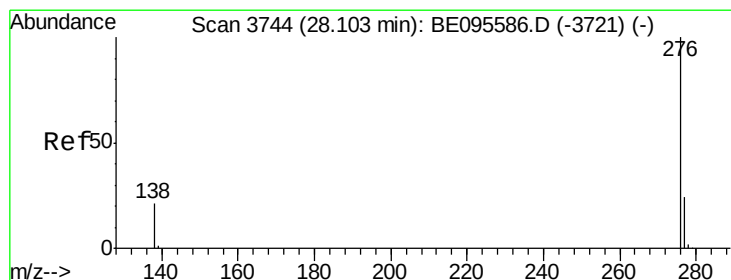
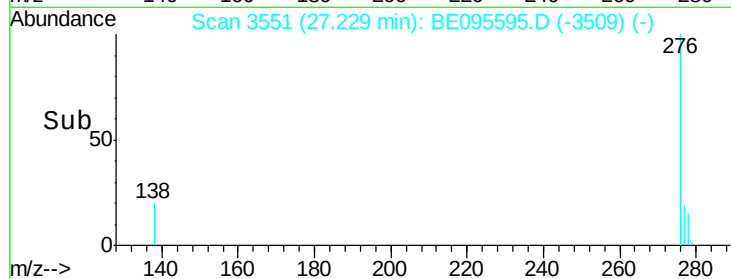
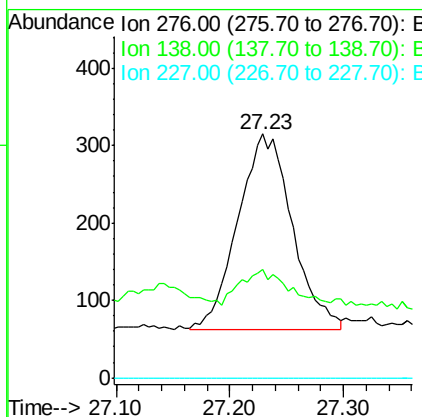
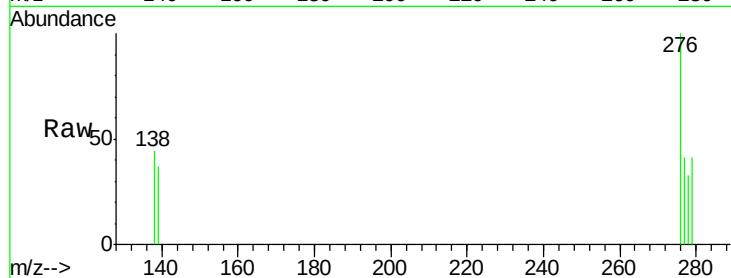
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng/ul m
 RT: 27.23 min Scan# 3551
 Delta R.T. -0.01 min
 Lab File: BE095595.D
 Acq: 9 Feb 2018 7:29

Instrument :
 BNA_E
 ClientSampleId :
 F6C76

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.8	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.038 ng/ul m
 RT: 28.10 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BE095595.D
 Acq: 9 Feb 2018 7:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.0	21.8	32.8#
277	43.3	20.5	30.7#

