

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058710.D
 Acq On : 9 Mar 2017 15:15
 Operator : UM/SJ
 Sample : I2107-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ3

Manual Integrations
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Quant Time: Mar 15 14:36:53 2017
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:21:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.88	152	354680	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1339979	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	864575	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1816540	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1565457	20.00	ng/ul	-0.03
23) Perylene-d12	15.66	264	843593	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.95	165	442223	17.32	ng/uL	-0.03
7) Acenaphthylene-d8	7.86	160	1585363	23.53	ng/ul	-0.02
10) Fluorene-d10	8.57	176	1169839	21.37	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1677568	20.76	ng/ul	-0.02
19) Pyrene-d10	11.18	212	1751404	24.60	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.46	264	799112	21.17	ng/ul	-0.03
Target Compounds				Qvalue		
4) Naphthalene	6.17	128	117746	1.80	ng/ul#	81
14) Phenanthrene	9.64	178	477841	5.30	ng/ul	98
16) Anthracene	9.64	178	477841	5.27	ng/ul	98
17) Fluoranthene	10.93	202	744183	8.83	ng/ul#	87
20) Pyrene	11.20	202	696757	8.00	ng/ul#	91
21) Benzo(a)anthracene	12.73	228	346112m	4.21	ng/ul	
22) Chrysene	12.79	228	353912	4.73	ng/ul	97
24) Benzo(b)fluoranthene	14.73	252	390363m	7.56	ng/ul	
25) Benzo(k)fluoranthene	14.76	252	138770m	3.07	ng/ul	
27) Benzo(a)pyrene	15.52	252	207679	4.48	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	18.85	276	88844	2.10	ng/ul	94
30) Benzo(a,h,i)perylene	19.83	276	69374	2.09	ng/ul	92

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

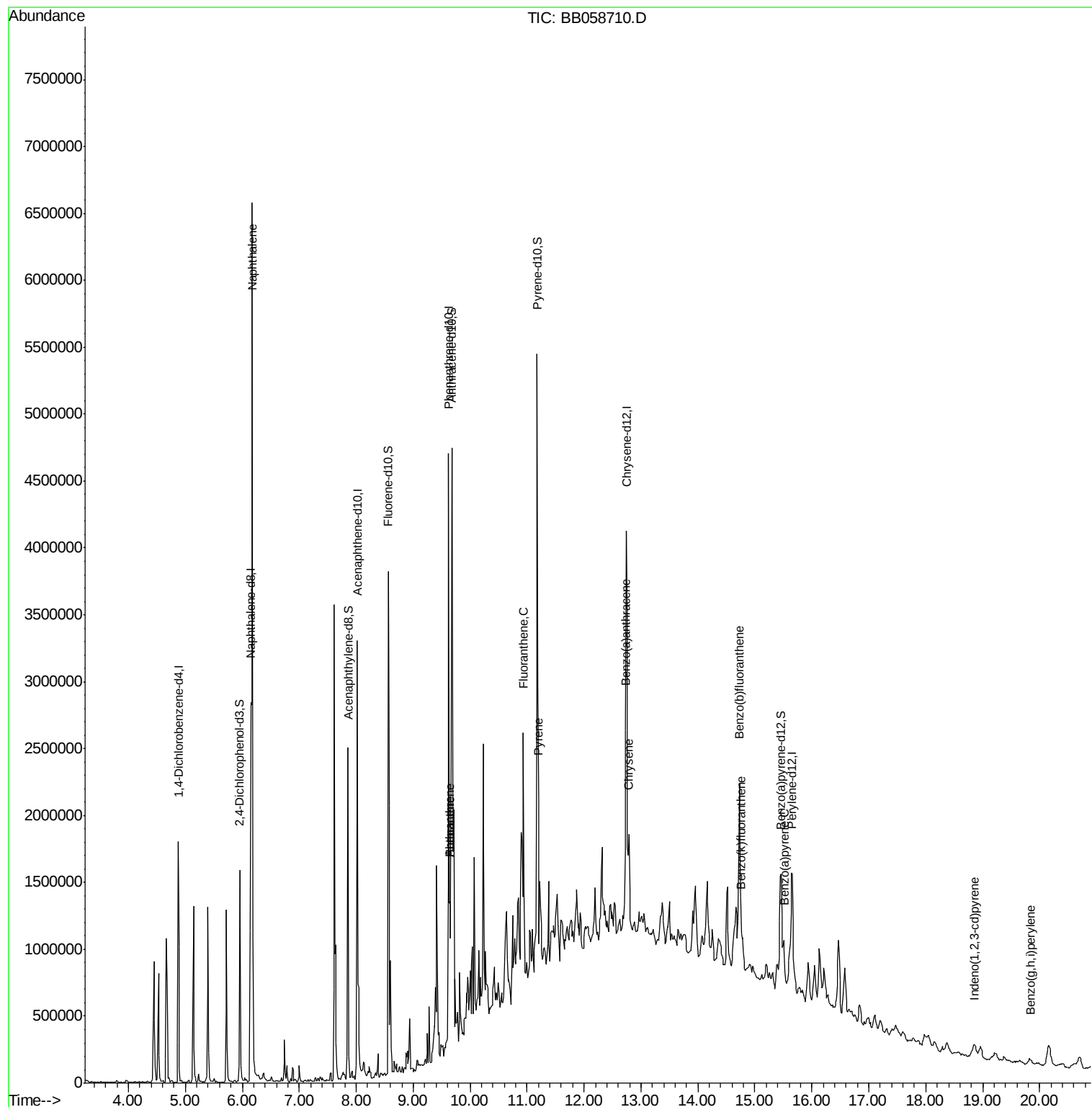
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058710.D
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Sample : I2107-04
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ALS Vial : 11 Sample Multiplier: 1

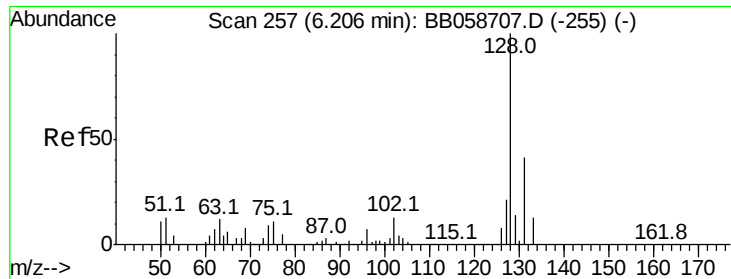
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Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
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QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.80 ng/ul

RT: 6.17 min Scan# 254

Delta R.T. -0.02 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Instrument :

BNA_B

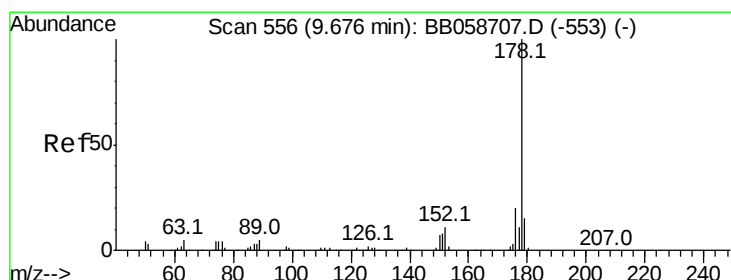
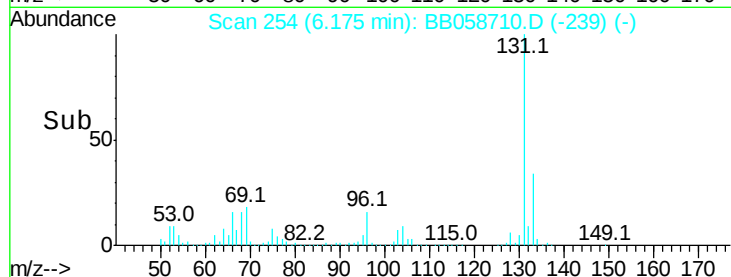
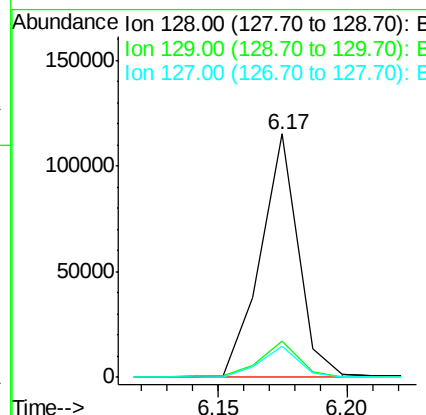
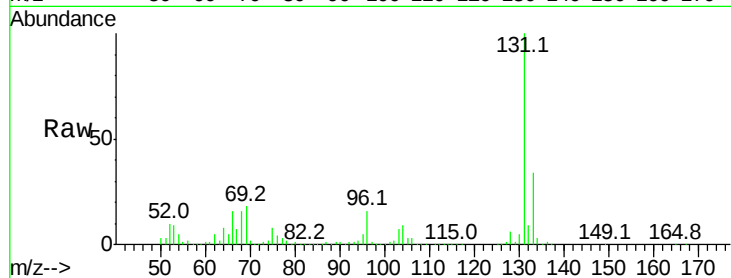
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
128	100		
129	15.0	12.8	19.2
127	13.0	22.6	34.0

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#14

Phenanthrene

Concen: 5.30 ng/ul

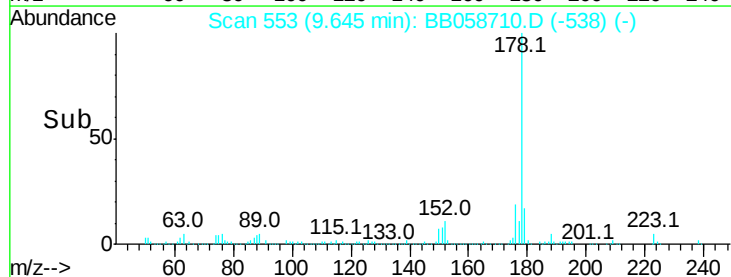
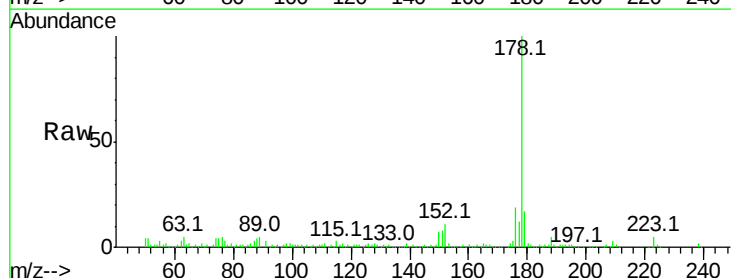
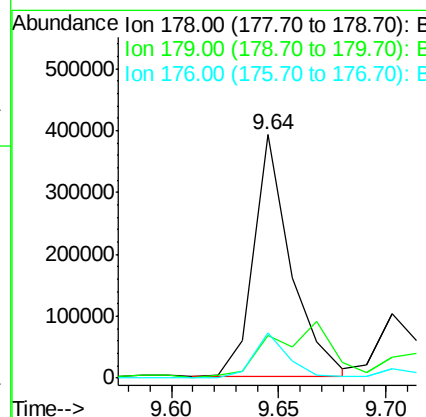
RT: 9.64 min Scan# 553

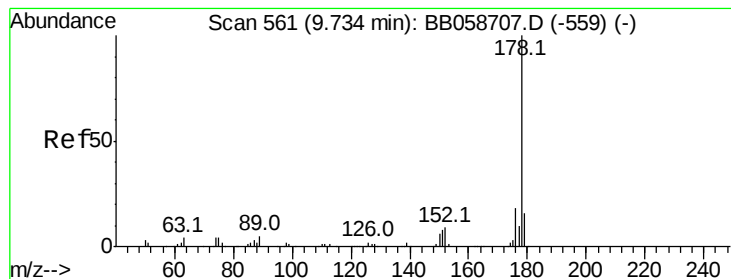
Delta R.T. -0.02 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.4
176	18.7	15.4	23.2





#16

Anthracene

Concen: 5.27 ng/ul

RT: 9.64 min Scan# 553

Delta R.T. -0.08 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Instrument :

BNA_B

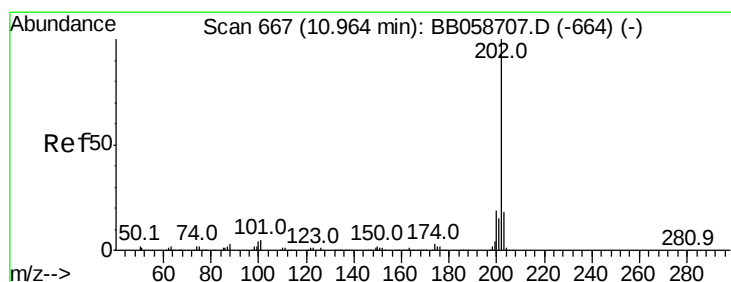
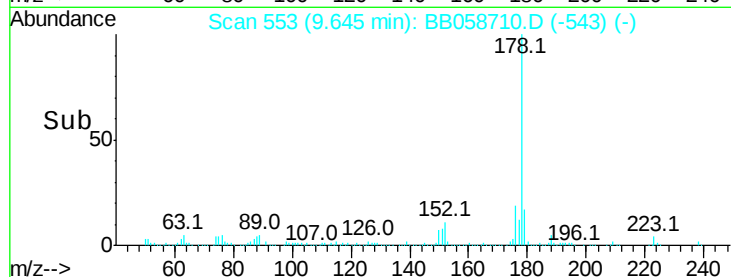
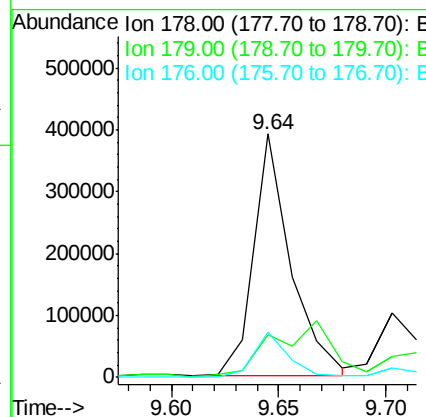
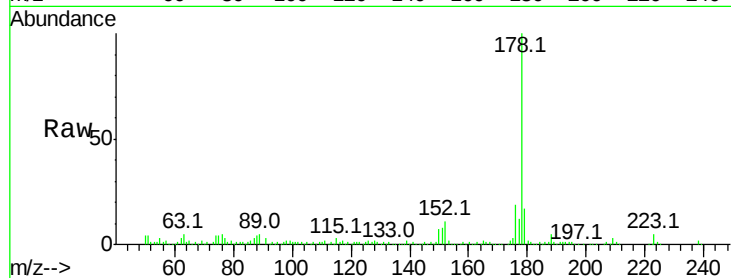
ClientSampled :

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Tot Ion:	178	Resp:	477841
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.0	19.4
176	18.7	15.3	22.9

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#17

Fluoranthene

Concen: 8.83 ng/ul

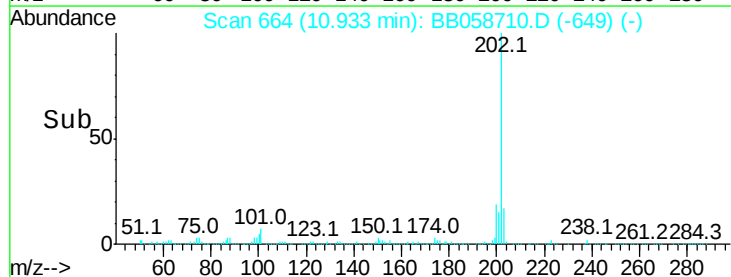
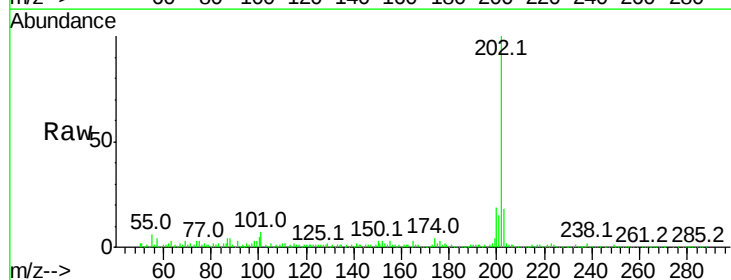
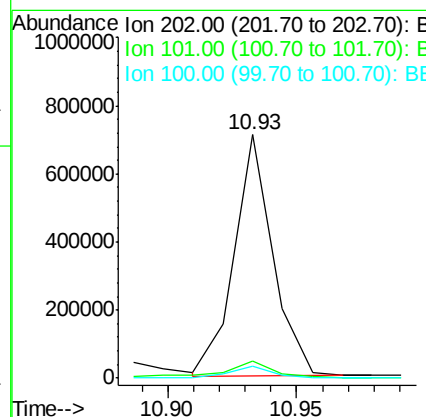
RT: 10.93 min Scan# 664

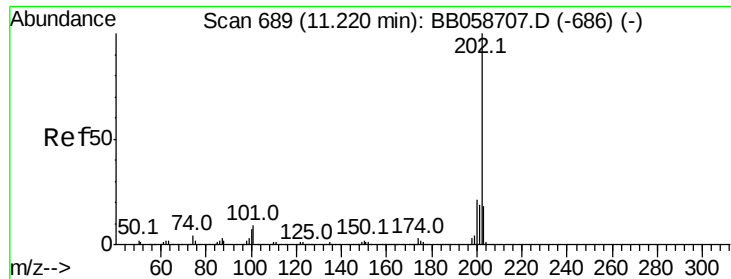
Delta R.T. -0.02 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Tgt Ion:	202	Resp:	744183
Ion Ratio	Lower	Upper	
202	100		
101	7.0	9.8	14.8#
100	5.0	7.5	11.3#





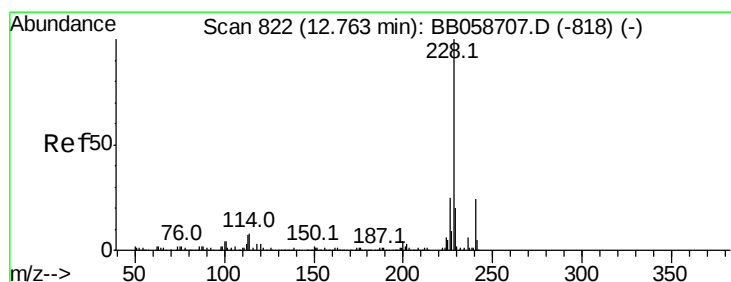
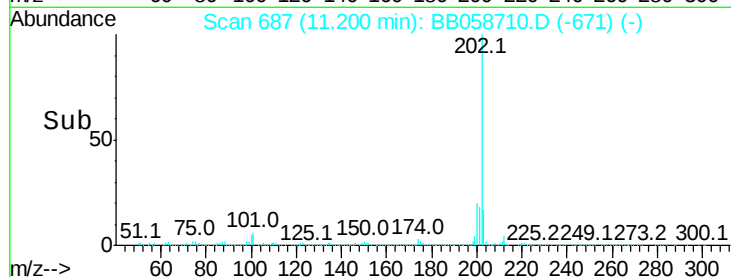
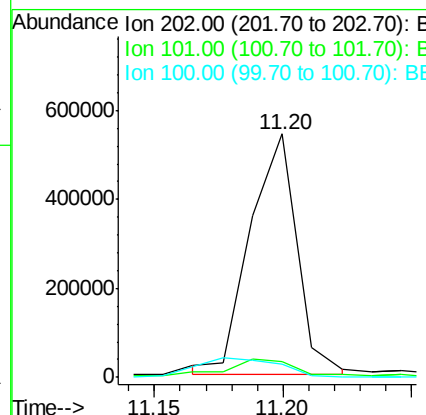
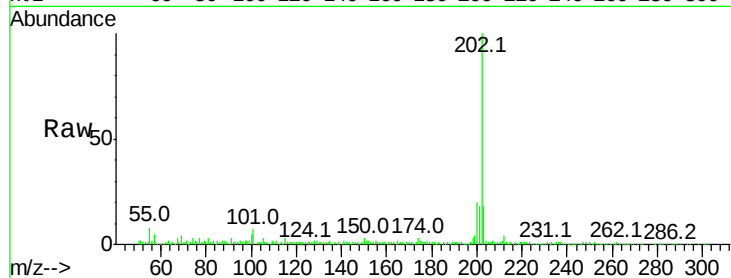
#20
Pvrene
Concen: 8.00 ng/ul
RT: 11.20 min Scan# 687
Delta R.T. -0.01 min
Lab File: BB058710.D
Acq: 9 Mar 2017 15:15

Instrument :
BNA_B
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	8.0	12.0#
100	5.3	6.8	10.2#

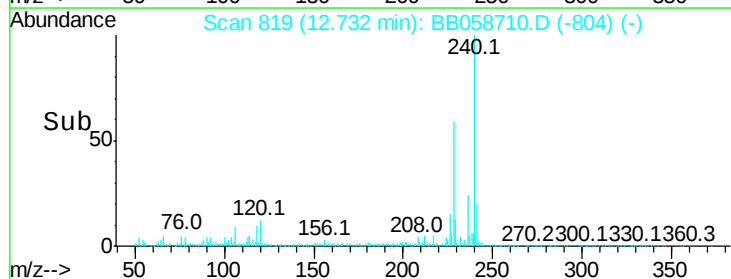
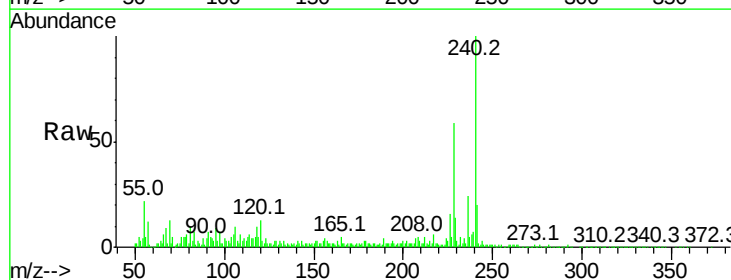
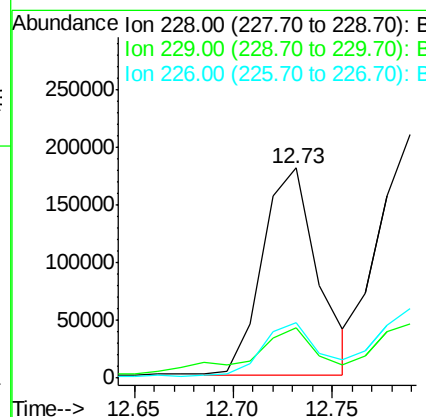
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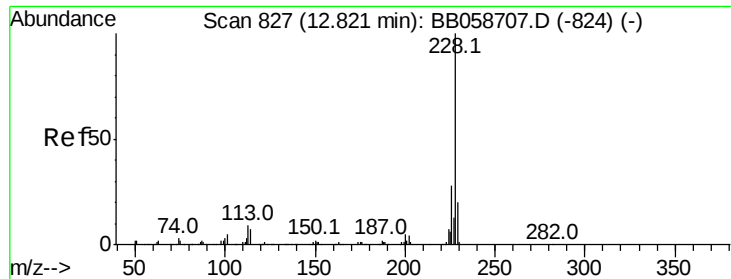
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#21
Benzo(a)anthracene
Concen: 4.21 ng/ul m
RT: 12.73 min Scan# 819
Delta R.T. -0.02 min
Lab File: BB058710.D
Acq: 9 Mar 2017 15:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.0	15.7	23.5#
226	26.5	21.0	31.6





#22

Chrysene

Concen: 4.73 ng/ul

RT: 12.79 min Scan# 824

Delta R.T. -0.02 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Instrument :

BNA_B

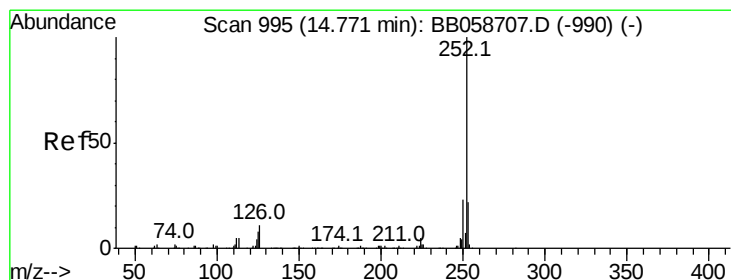
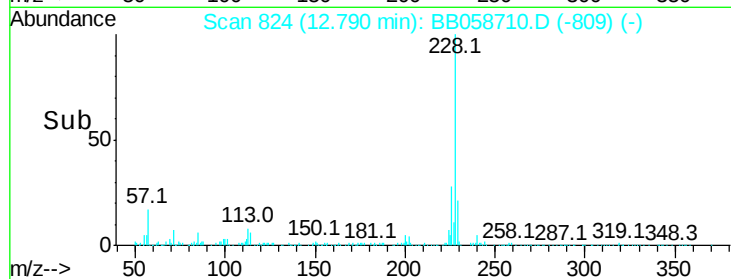
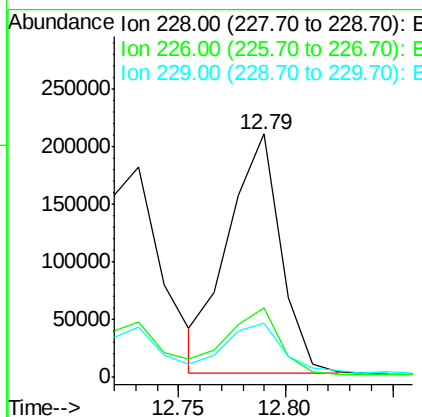
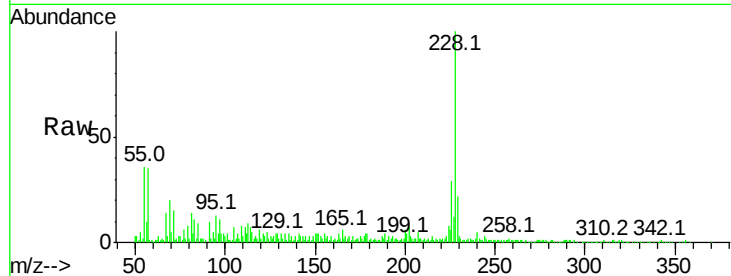
ClientSampled :

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Tot Ion:	228	Resp:	353912
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.0
229	22.4	16.1	24.1

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#24

Benzo(b)fluoranthene

Concen: 7.56 ng/ul m

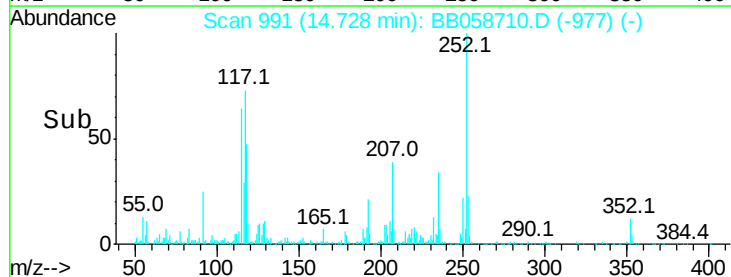
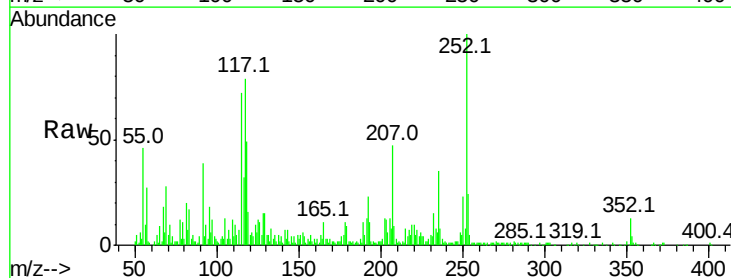
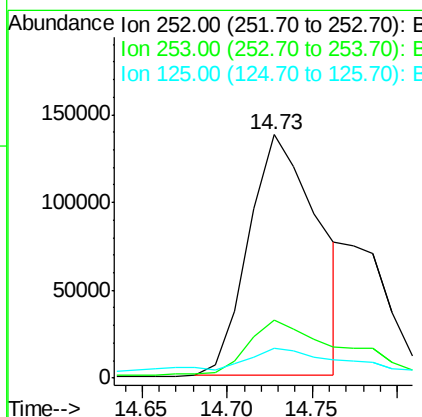
RT: 14.73 min Scan# 991

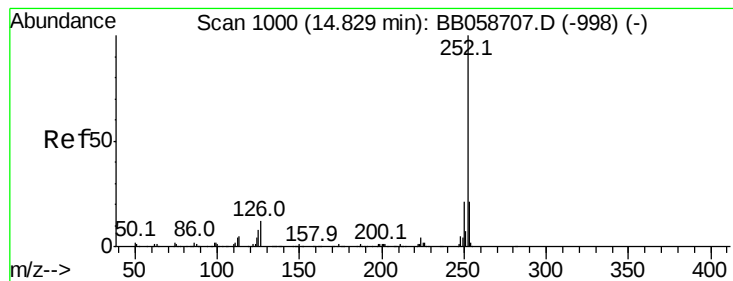
Delta R.T. -0.03 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Tgt Ion:	252	Resp:	390363
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.4	26.2
125	12.1	6.4	9.6#





#25

Benzo(k)fluoranthene

Concen: 3.07 ng/ul m

RT: 14.76 min Scan# 994

Delta R.T. -0.06 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Instrument :

BNA_B

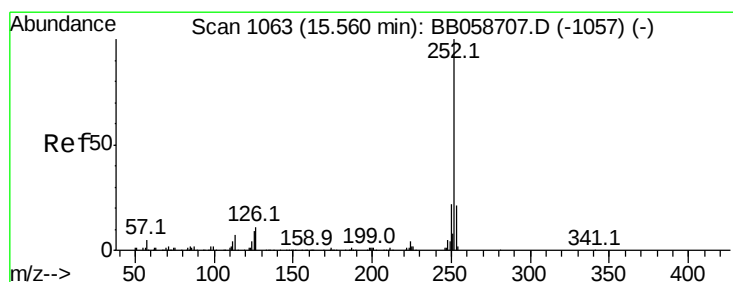
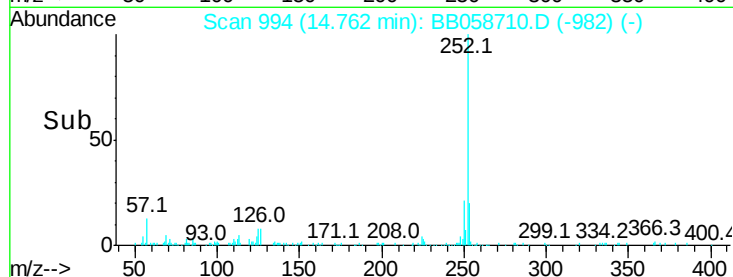
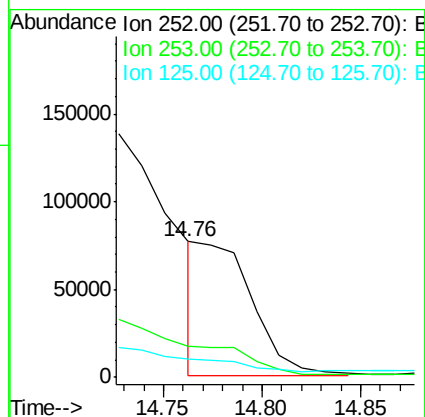
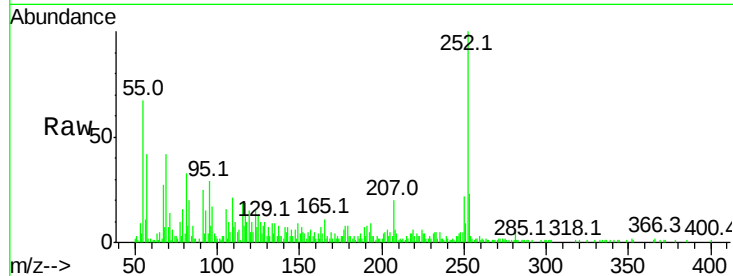
ClientSampled :

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Tot Ion:	252	Resp:	138770
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.4
125	13.1	7.0	10.4#

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3/15/2017 5:08:52 PM



#27

Benzo(a)pyrene

Concen: 4.48 ng/ul

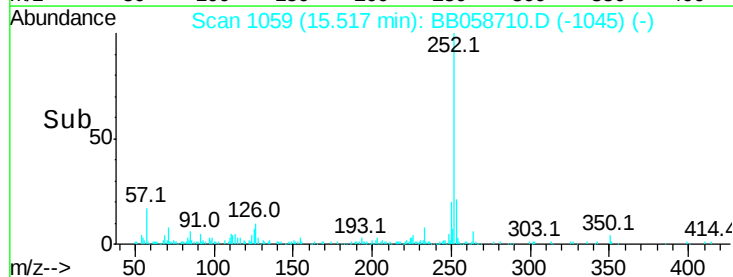
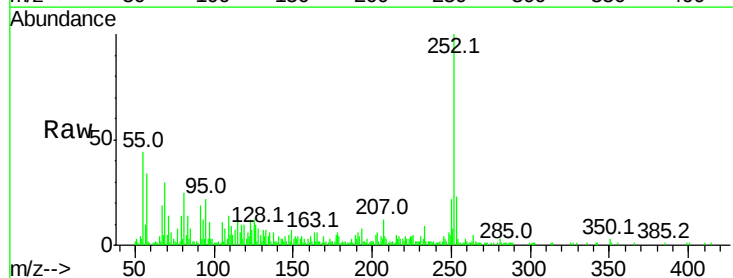
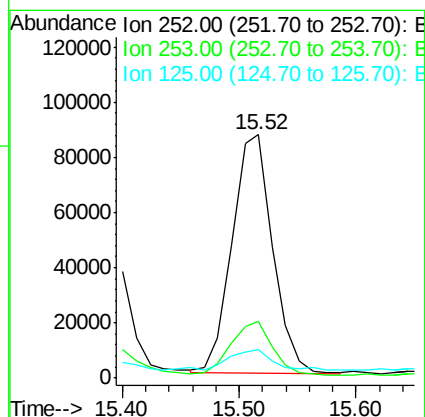
RT: 15.52 min Scan# 1059

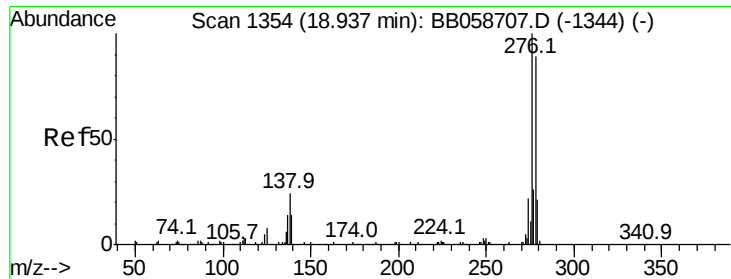
Delta R.T. -0.03 min

Lab File: BB058710.D

Acq: 9 Mar 2017 15:15

Tgt Ion:	252	Resp:	207679
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.3	25.9
125	11.6	7.5	11.3#





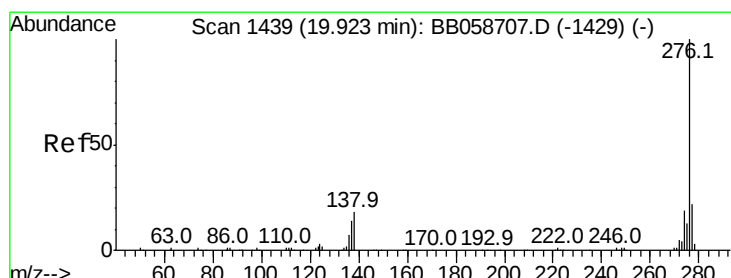
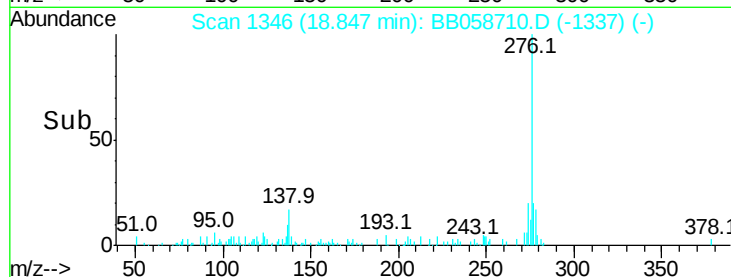
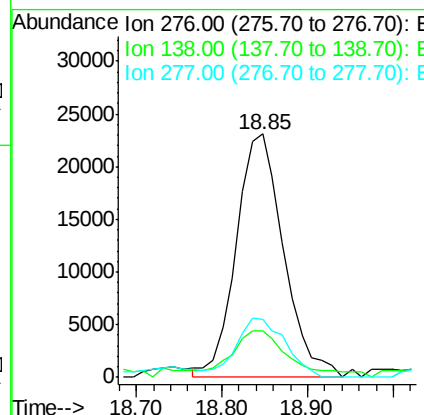
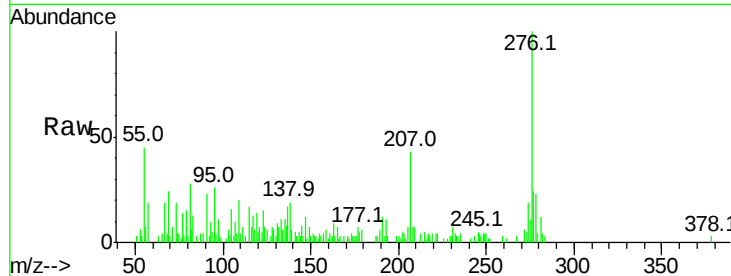
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.10 ng/ul
 RT: 18.85 min Scan# 1346
 Delta R.T. -0.09 min
 Lab File: BB058710.D
 Acq: 9 Mar 2017 15:15

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	18.2	27.4
277	23.6	20.9	31.3

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#30
 Benzo(g,h,i)perylene
 Concen: 2.09 ng/ul
 RT: 19.83 min Scan# 1431
 Delta R.T. -0.08 min
 Lab File: BB058710.D
 Acq: 9 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	14.2	21.2
277	19.0	18.9	28.3

