

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058718.D
 Acq On : 9 Mar 2017 18:48
 Operator : UM/SJ
 Sample : I2107-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

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 3/15/2017 5:09:00 PM

Quant Time: Mar 15 15:44:50 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	4.87	152	385672	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1414985	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	958407	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1937564	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1707488	20.00	ng/ul	-0.03
23) Perylene-d12	15.63	264	1230001	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.95	165	427432	15.85	ng/uL	-0.03
7) Acenaphthylene-d8	7.84	160	1542090	20.65	ng/ul	-0.03
10) Fluorene-d10	8.56	176	1123098	18.51	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1569490	18.21	ng/ul	-0.02
19) Pyrene-d10	11.17	212	1566204	20.17	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.43	264	972159	17.67	ng/ul	-0.06
Target Compounds						
14) Phenanthrene	9.64	178	186895	1.94	ng/ul	97
17) Fluoranthene	10.93	202	383386	4.27	ng/ul#	83
20) Pyrene	11.19	202	352332	3.71	ng/ul#	94
21) Benzo(a)anthracene	12.72	228	190598m	2.13	ng/ul	
22) Chrysene	12.78	228	194387	2.38	ng/ul	97
24) Benzo(b)fluoranthene	14.70	252	287021	3.81	ng/ul#	95
27) Benzo(a)pyrene	15.48	252	148407	2.19	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	18.81	276	66646	1.08	ng/ul#	88

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

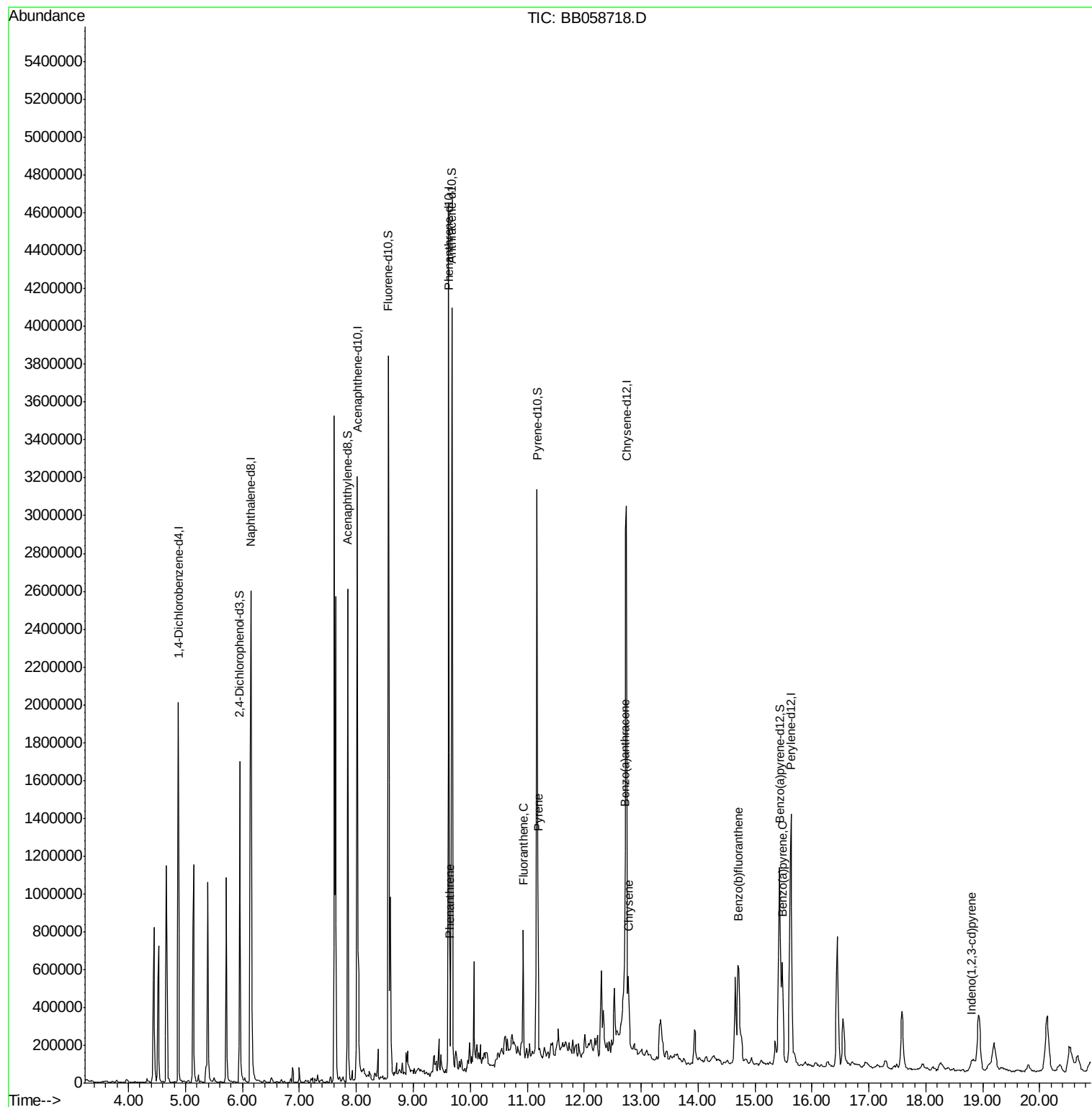
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
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ALS Vial : 19 Sample Multiplier: 1

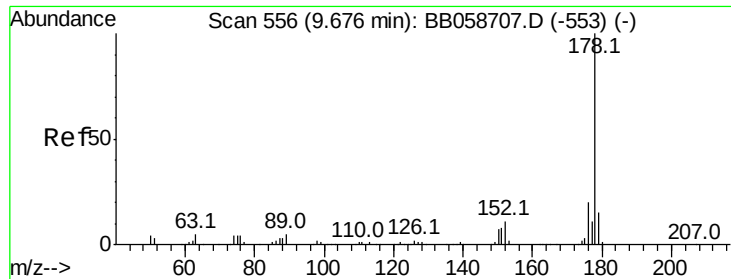
Instrument :
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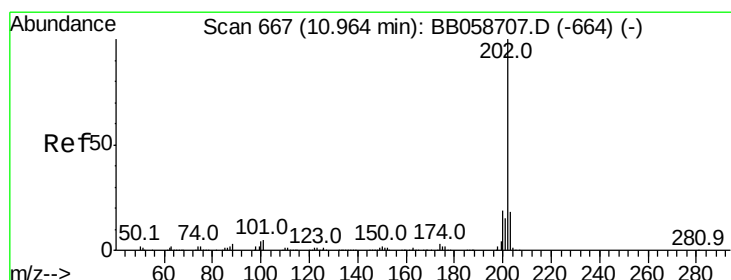
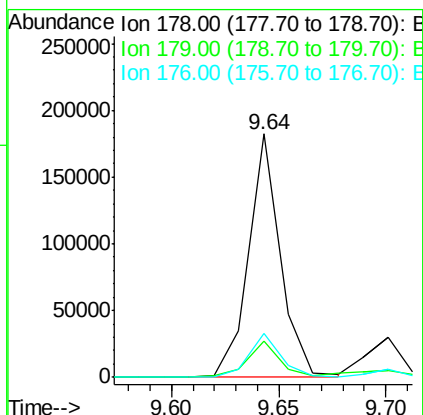
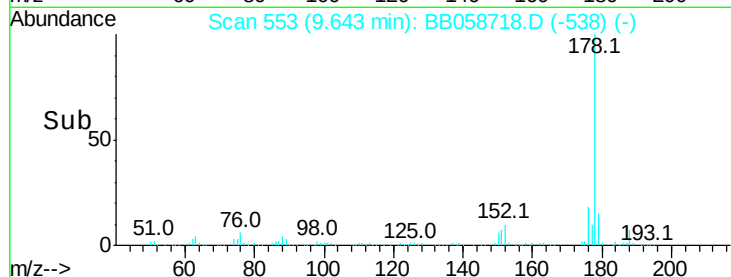
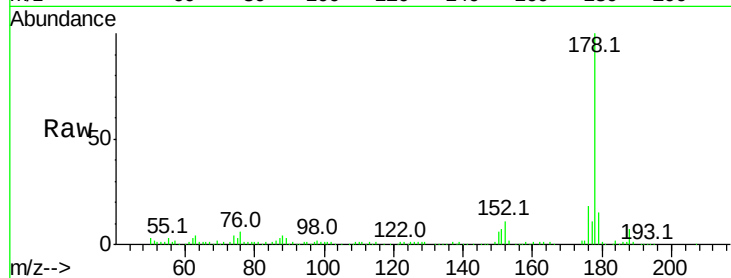
#14
Phenanthrene
Concen: 1.94 ng/ul
RT: 9.64 min Scan# 553
Delta R.T. -0.02 min
Lab File: BB058718.D
Acq: 9 Mar 2017 18:48

Instrument :
BNA_B
ClientSampled :
C0AK1

Tot Ion	Ratio	Resp	Lower	Upper
178	100	186895		
179	14.6		13.0	19.4
176	18.2		15.4	23.2

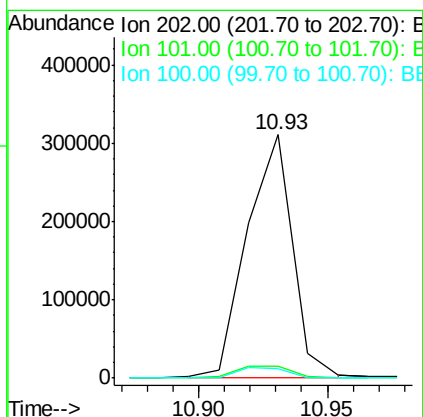
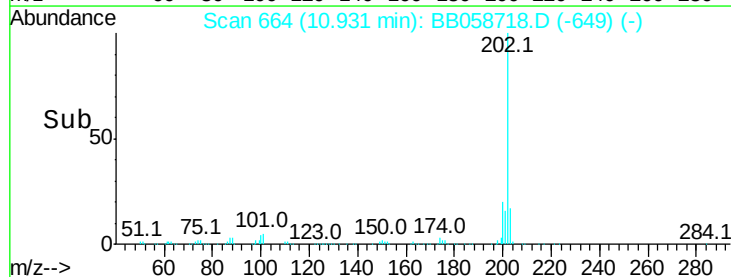
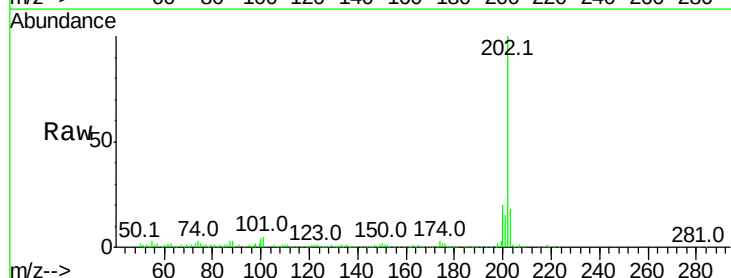
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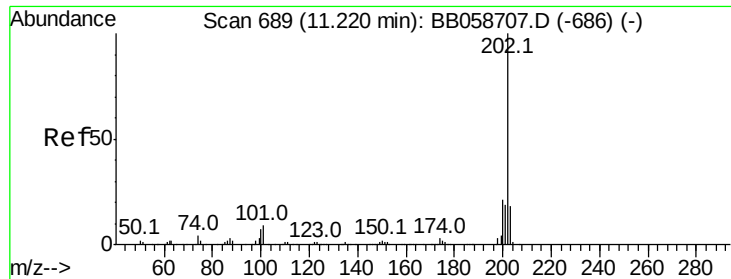
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#17
Fluoranthene
Concen: 4.27 ng/ul
RT: 10.93 min Scan# 664
Delta R.T. -0.02 min
Lab File: BB058718.D
Acq: 9 Mar 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	383386		
101	4.9		9.8	14.8#
100	3.8		7.5	11.3#





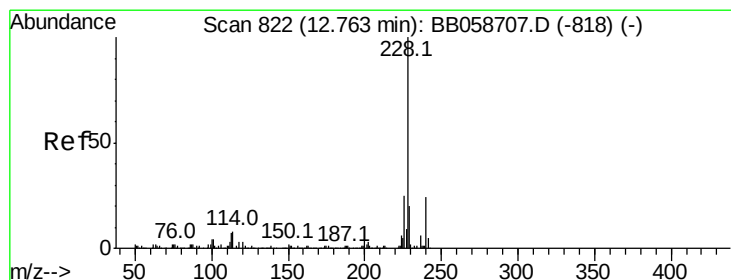
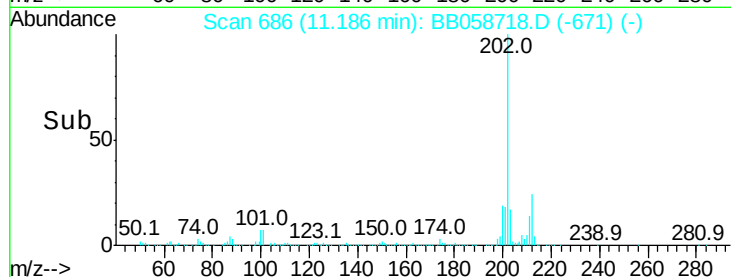
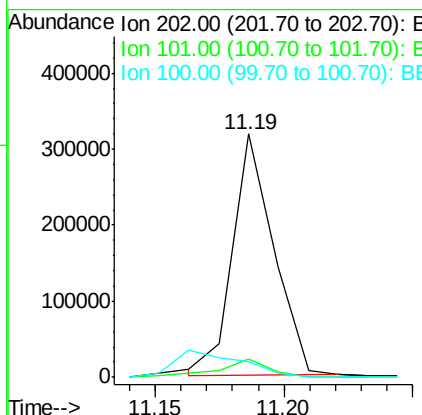
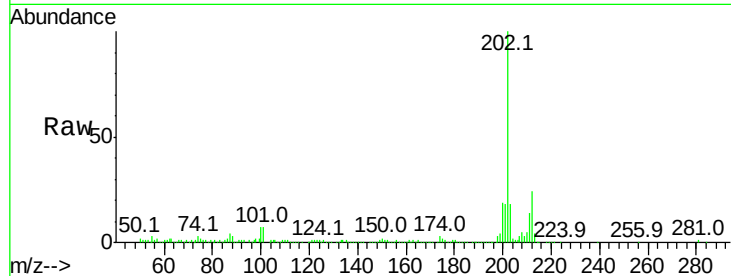
#20
Pvrene
Concen: 3.71 ng/ul
RT: 11.19 min Scan# 686
Delta R.T. -0.02 min
Lab File: BB058718.D
Acq: 9 Mar 2017 18:48

Instrument :
BNA_B
ClientSampleId :
C0AK1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.3	8.0	12.0#
100	6.7	6.8	10.2#

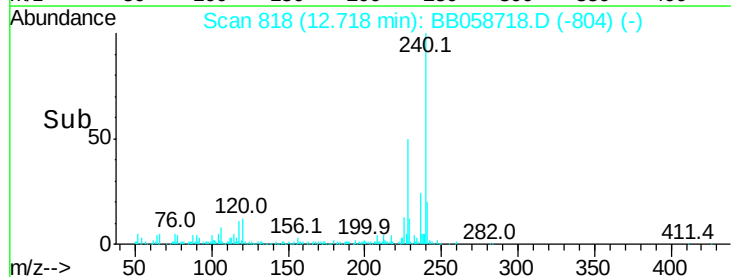
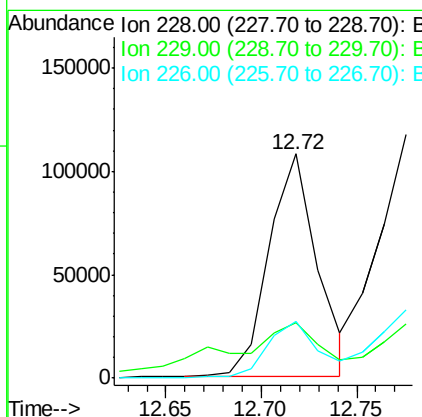
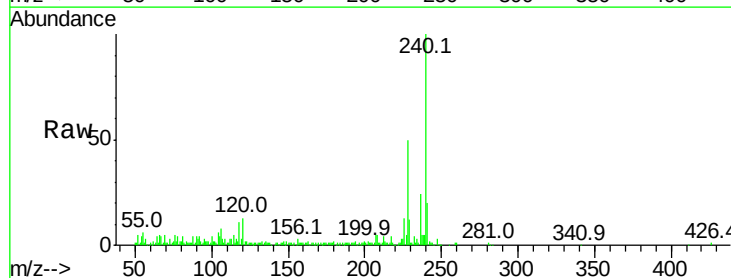
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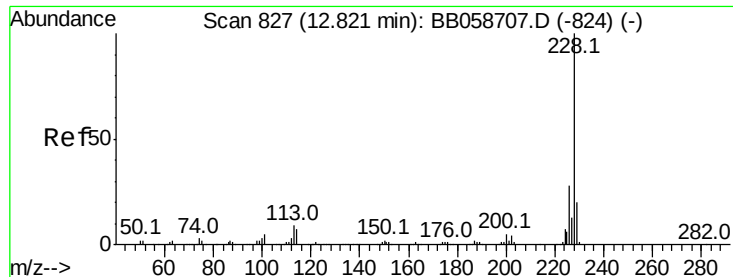
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#21
Benzo(a)anthracene
Concen: 2.13 ng/ul m
RT: 12.72 min Scan# 818
Delta R.T. -0.03 min
Lab File: BB058718.D
Acq: 9 Mar 2017 18:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.9	15.7	23.5#
226	25.5	21.0	31.6





#22

Chrysene

Concen: 2.38 ng/ul

RT: 12.78 min Scan# 823

Delta R.T. -0.03 min

Lab File: BB058718.D

Acq: 9 Mar 2017 18:48

Instrument :

BNA_B

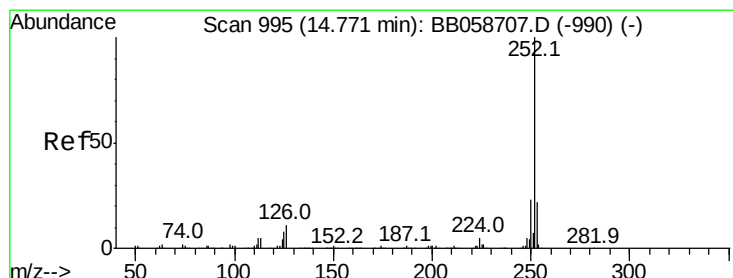
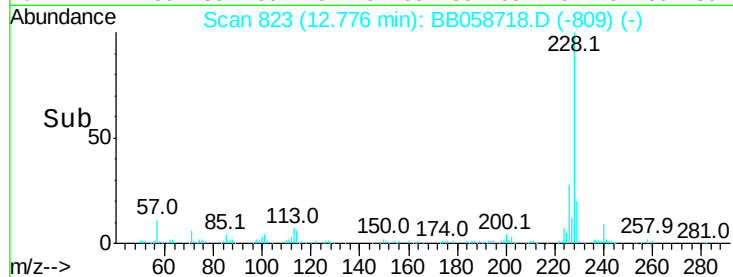
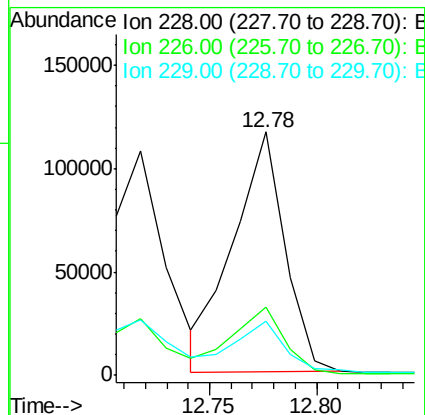
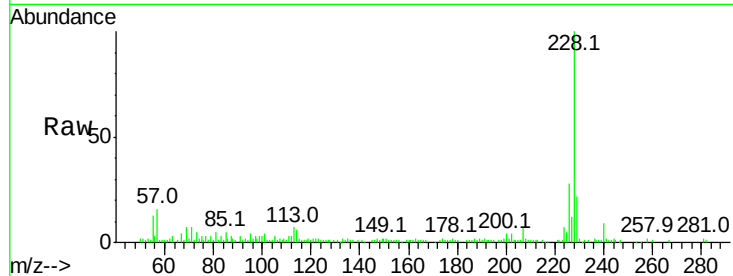
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.0
229	22.4	16.1	24.1

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#24

Benzo(b)fluoranthene

Concen: 3.81 ng/ul

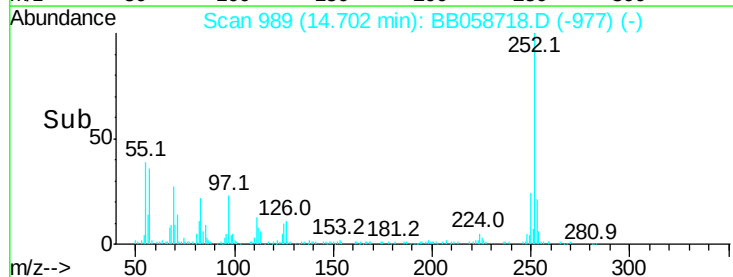
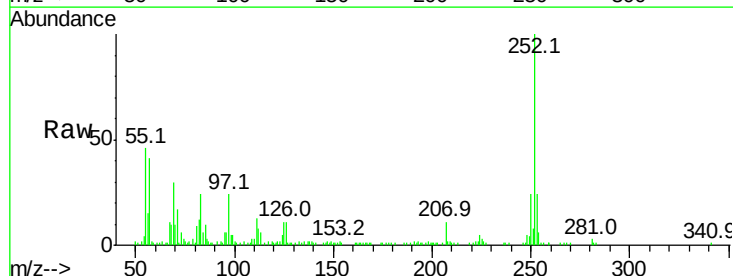
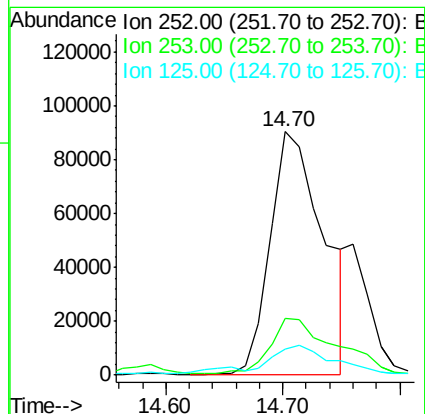
RT: 14.70 min Scan# 989

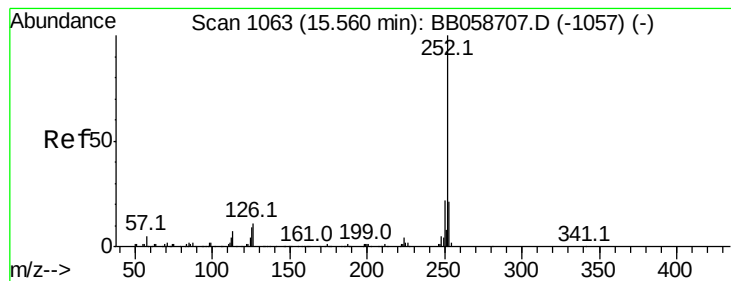
Delta R.T. -0.06 min

Lab File: BB058718.D

Acq: 9 Mar 2017 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	10.5	6.4	9.6#





#27

Benzo(a)pyrene

Concen: 2.19 ng/ul

RT: 15.48 min Scan# 1056

Delta R.T. -0.07 min

Lab File: BB058718.D

Acq: 9 Mar 2017 18:48

Instrument :

BNA_B

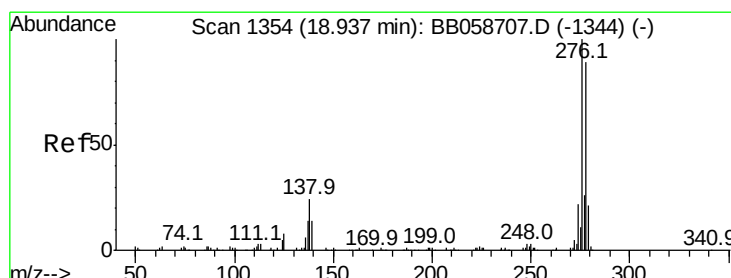
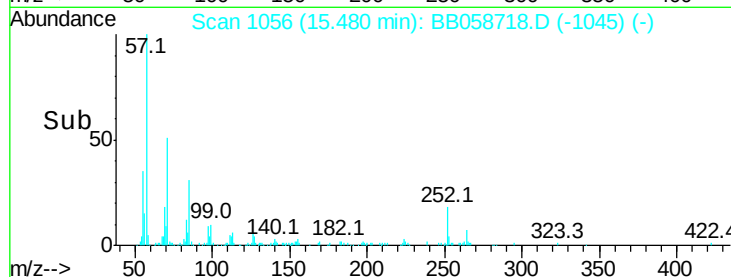
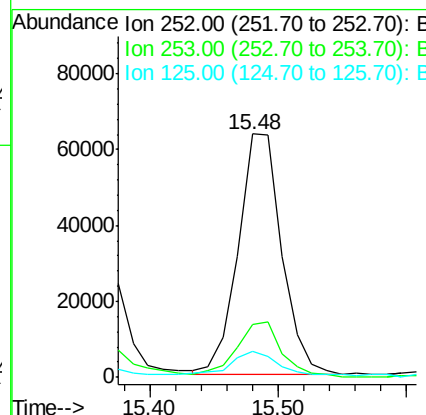
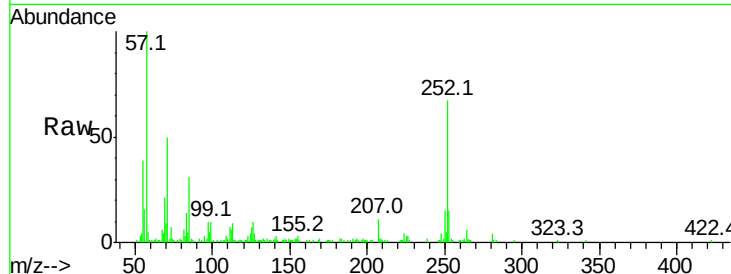
ClientSampleId :

C0AK1

Tot Ion:	252	Resp:	148407
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	10.6	7.5	11.3

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#28

Indeno(1,2,3-cd)pyrene

Concen: 1.08 ng/ul

RT: 18.81 min Scan# 1343

Delta R.T. -0.13 min

Lab File: BB058718.D

Acq: 9 Mar 2017 18:48

Tgt Ion:	276	Resp:	66646
Ion Ratio	Lower	Upper	
276	100		
138	13.9	18.2	27.4#
277	22.5	20.9	31.3

