

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000356.D
 Acq On : 13 Mar 2018 19:18
 Operator : JU/SJ
 Sample : J1864-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMA7

Manual Integrations
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Quant Time: Mar 14 08:30:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	160672	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	784970	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	461233	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1098418	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1220472	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1145939	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1359926	29.71	ng/ul	0.00
10) Fluorene-d10	16.04	176	913827	29.48	ng/ul	0.00
14) Anthracene-d10	17.88	188	1524487	29.70	ng/ul	0.00
18) Pyrene-d10	20.13	212	1816258	30.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1565127	29.91	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	91797	1.995	ng/ul	98
13) Phenanthrene	17.83	178	274205	4.353	ng/ul	98
15) Anthracene	17.92	178	87003	1.361	ng/ul	98
16) Fluoranthene	19.80	202	779591	11.454	ng/ul#	93
19) Pyrene	20.16	202	669494	8.689	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	386071m	5.088	ng/ul	
21) Chrysene	21.94	228	416380	5.783	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	562599m	8.233	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	172688m	2.700	ng/ul	
26) Benzo(a)pyrene	24.28	252	347212	5.339	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.95	276	260742	3.718	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.94	278	68025	1.184	ng/ul#	72
29) Benzo(a,h,i)perylene	27.74	276	270448	4.619	ng/ul#	89

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

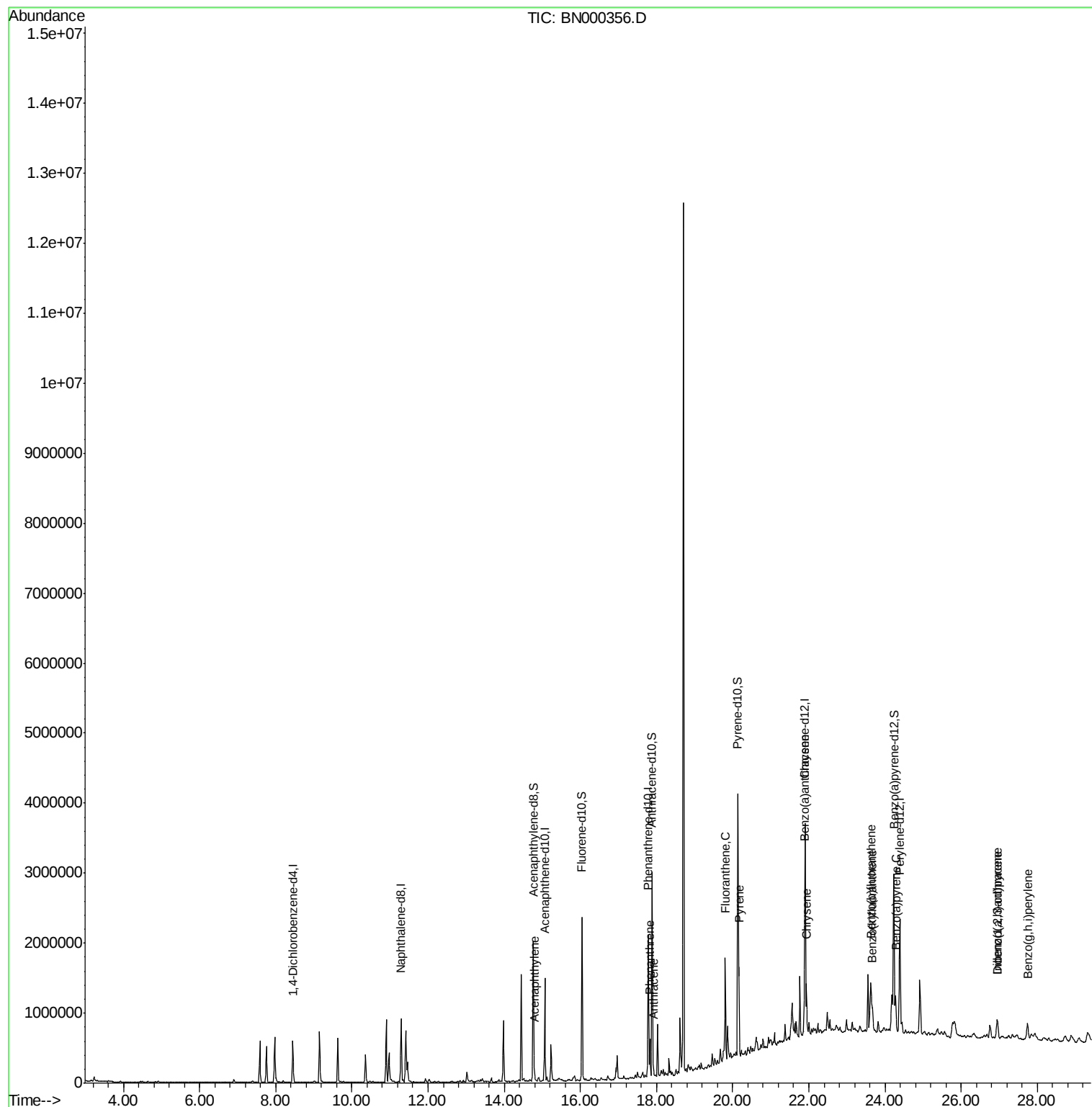
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000356.D
Acq On : 13 Mar 2018 19:18
Operator : JU/SJ
Sample : J1864-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

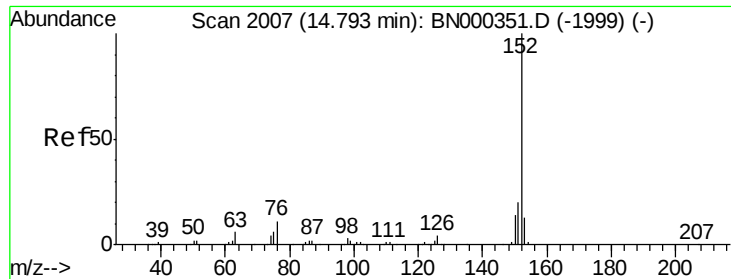
Instrument :
BNA_N
ClientSampleId :
DAMA7

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Quant Time: Mar 14 08:30:30 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
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#8

Acenaphthylene

Concen: 1.995 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000356.D

Acq: 13 Mar 2018 19:18

Instrument :

BNA_N

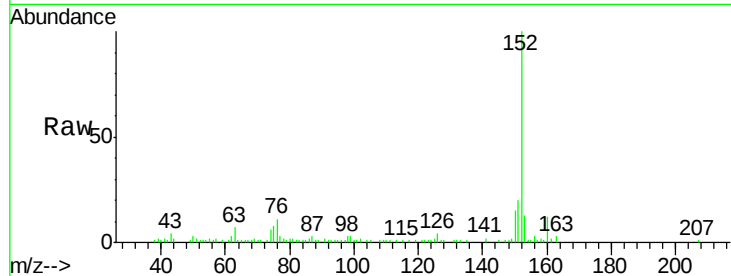
ClientSampled :

DAMA7

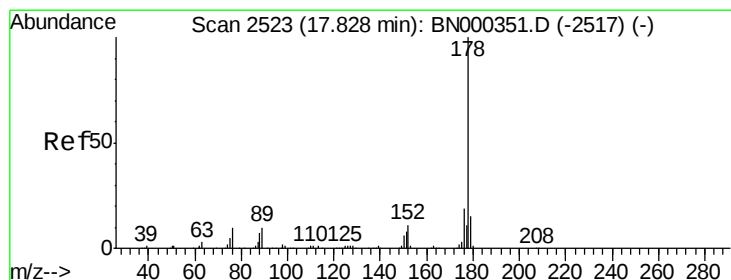
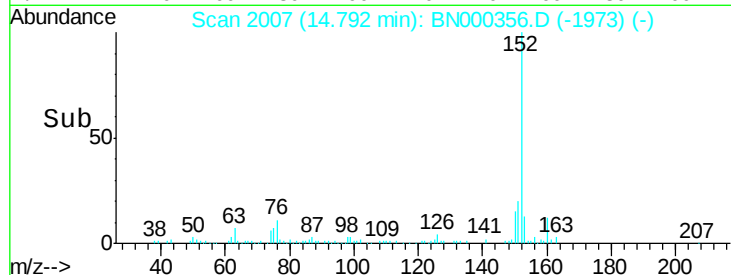
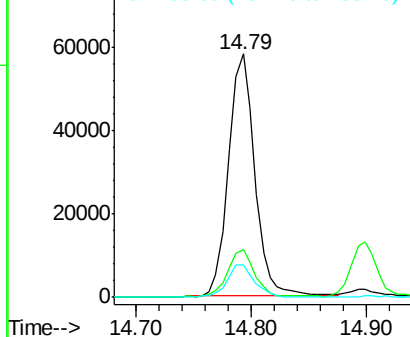
Tot Ion:	152	Resp:	91797
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.7	25.1
153	13.3	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 4.353 ng/ul

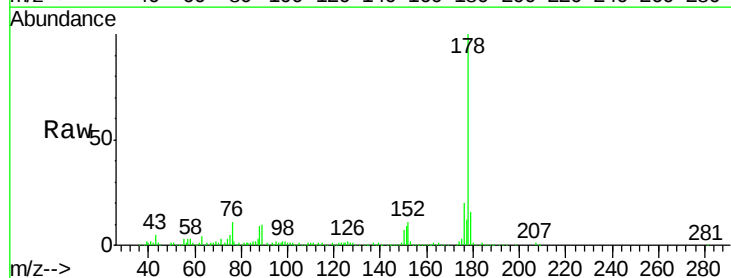
RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

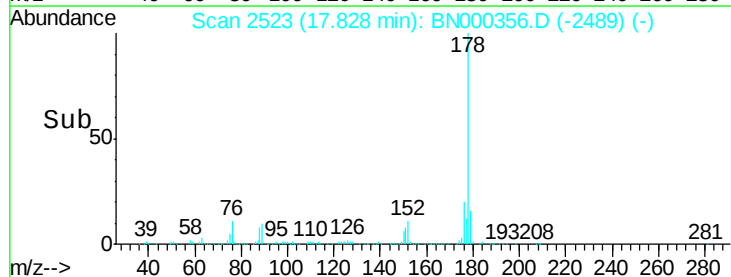
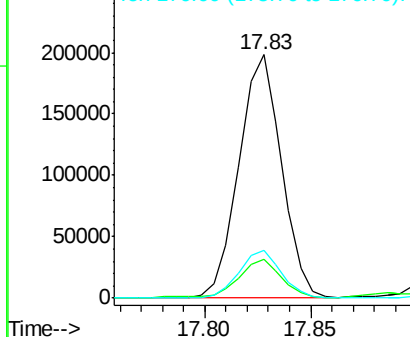
Lab File: BN000356.D

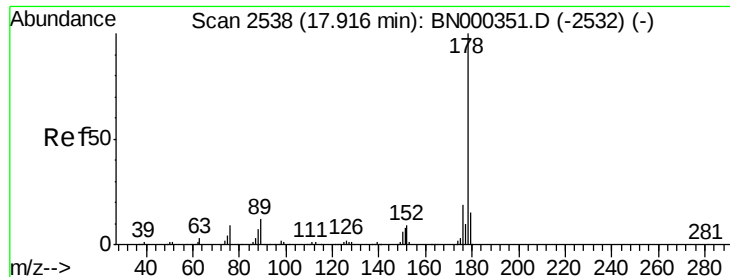
Acq: 13 Mar 2018 19:18

Tgt Ion:	178	Resp:	274205
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	19.8	15.1	22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





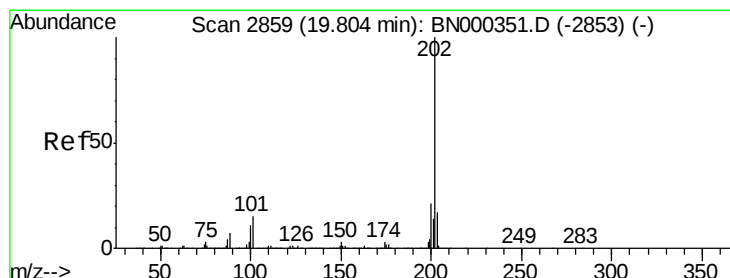
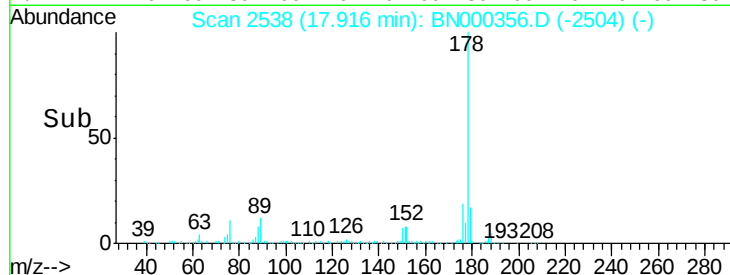
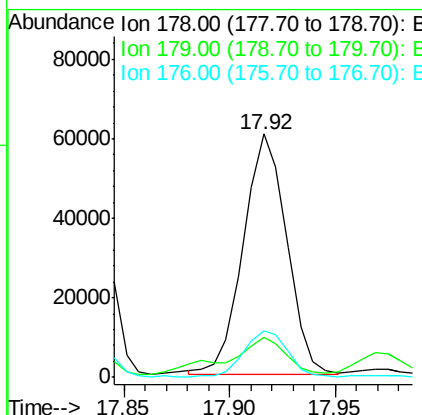
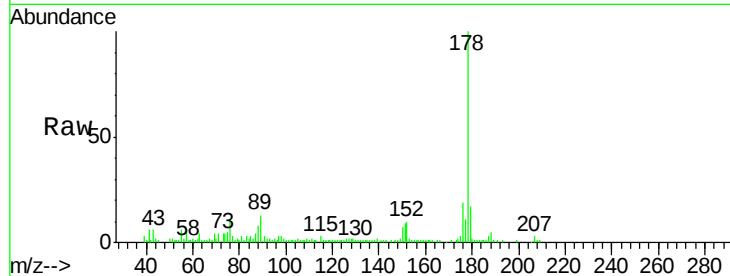
#15
 Anthracene
 Concen: 1.361 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN000356.D
 Acq: 13 Mar 2018 19:18

Instrument :
 BNA_N
 ClientSampleId :
 DAMA7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	19.2	15.2	22.8

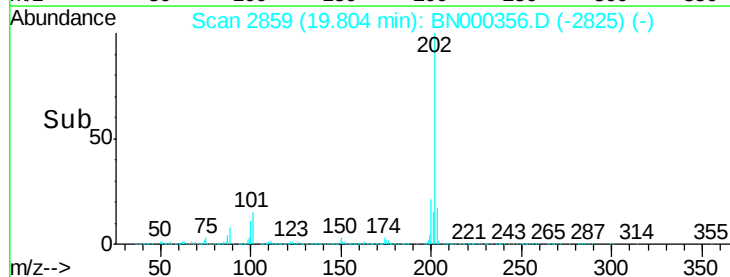
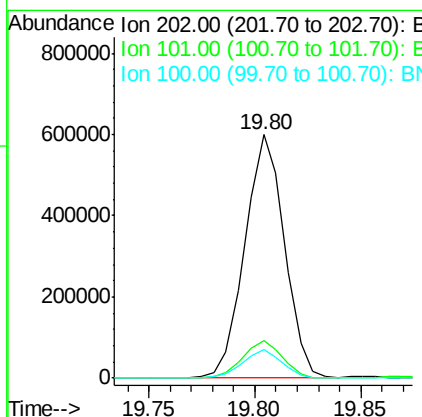
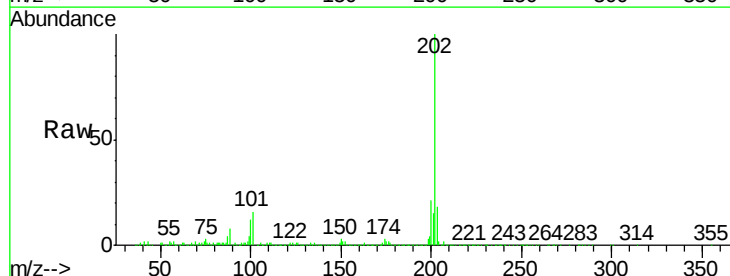
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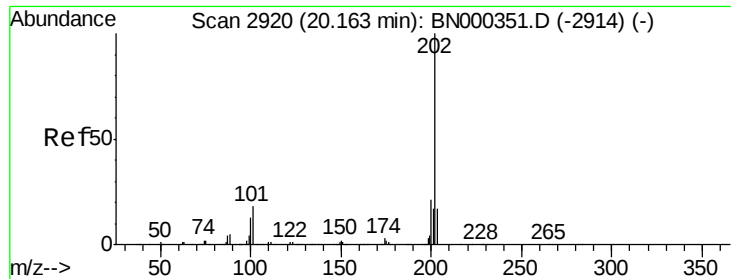
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#16
 Fluoranthene
 Concen: 11.454 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000356.D
 Acq: 13 Mar 2018 19:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.6	7.4	11.0#





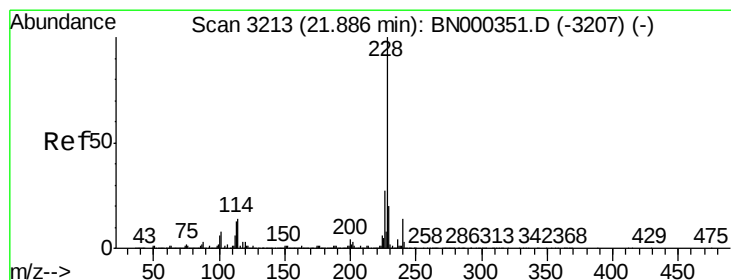
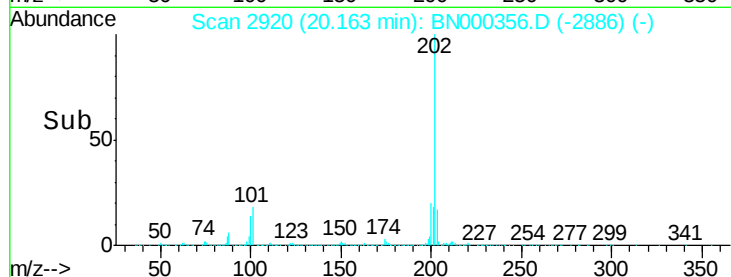
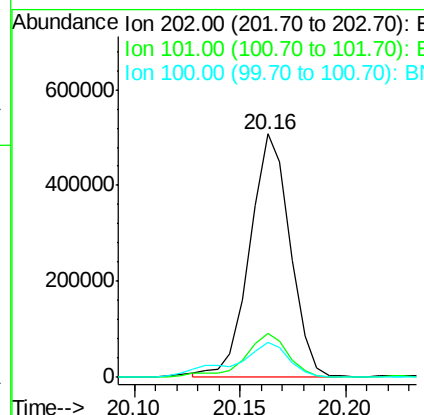
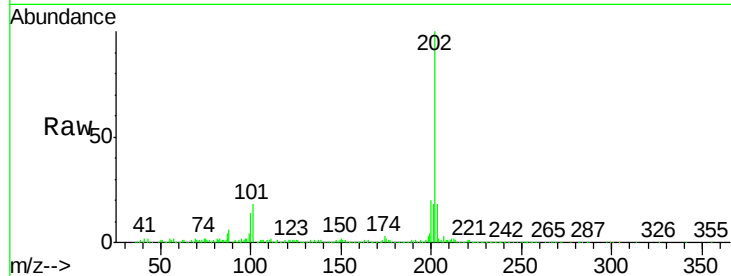
#19
Pvrene
Concen: 8.689 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000356.D
Acq: 13 Mar 2018 19:18

Instrument :
BNA_N
ClientSampleId :
DAMA7

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.3	8.1	12.1#

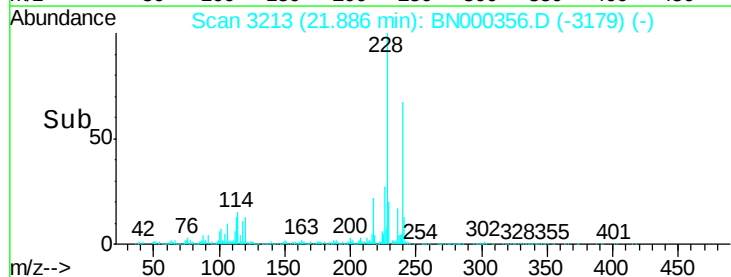
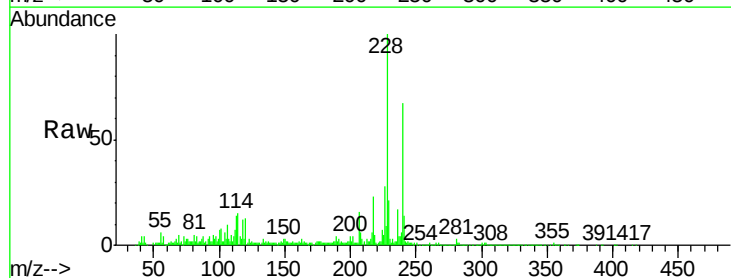
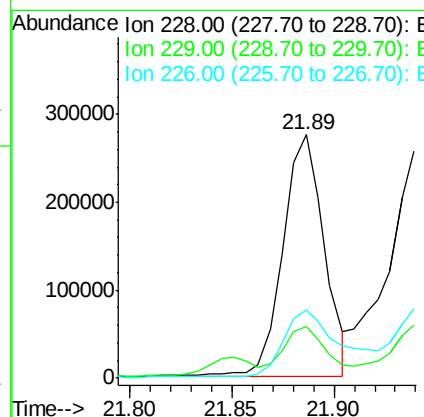
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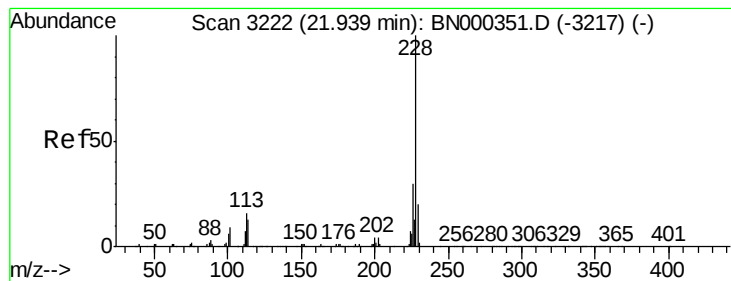
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#20
Benzo(a)anthracene
Concen: 5.088 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000356.D
Acq: 13 Mar 2018 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.0	21.1	31.7





#21

Chrysene

Concen: 5.783 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000356.D

Acq: 13 Mar 2018 19:18

Instrument :

BNA_N

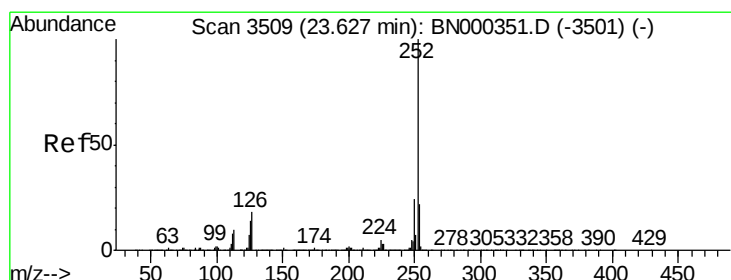
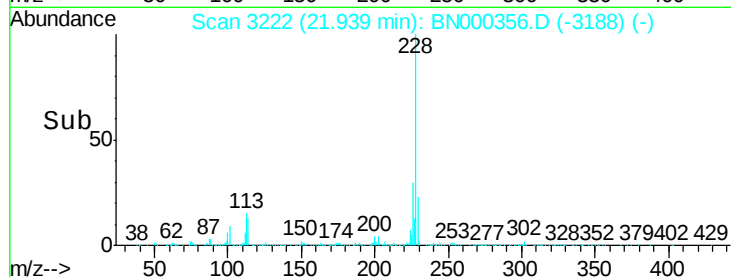
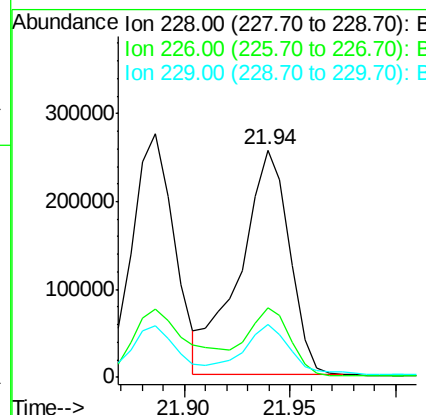
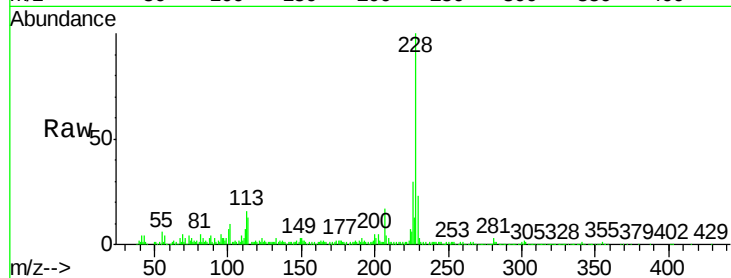
ClientSampled :

DAMA7

Tot Ion:	228	Resp:	416380
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	23.2	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 8.233 ng/ul m

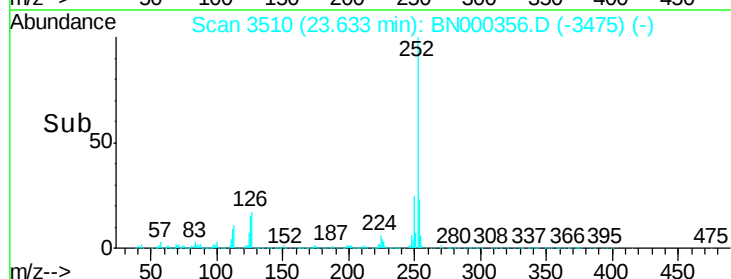
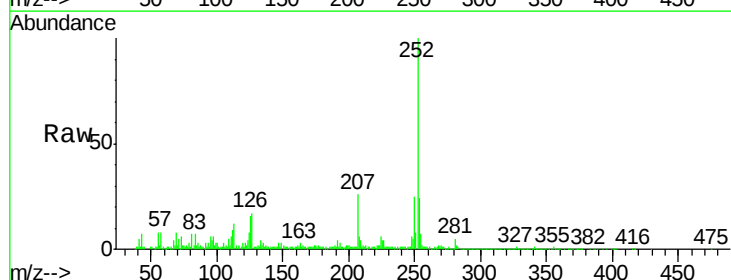
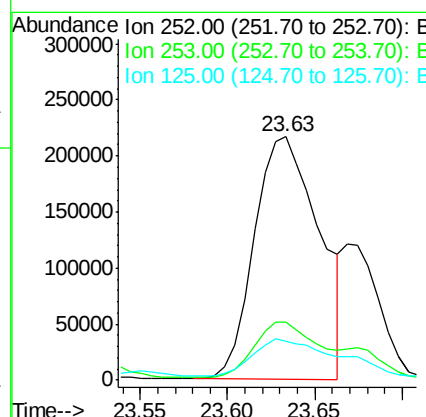
RT: 23.63 min Scan# 3510

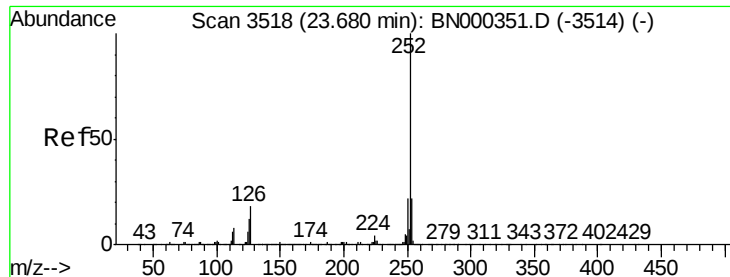
Delta R.T. 0.01 min

Lab File: BN000356.D

Acq: 13 Mar 2018 19:18

Tgt Ion:	252	Resp:	562599
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	16.0	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.700 ng/ul m

RT: 23.67 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BN000356.D

Acq: 13 Mar 2018 19:18

Instrument :

BNA_N

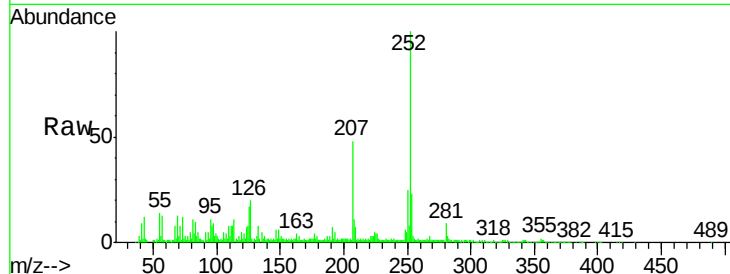
ClientSampled :

DAMA7

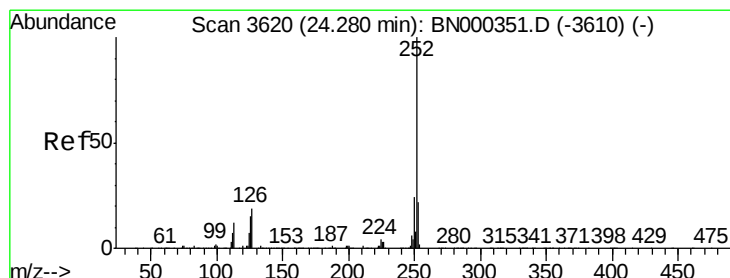
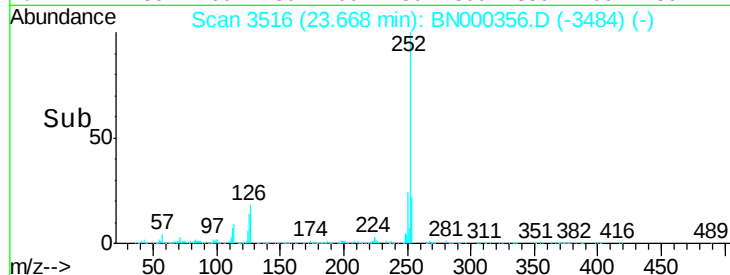
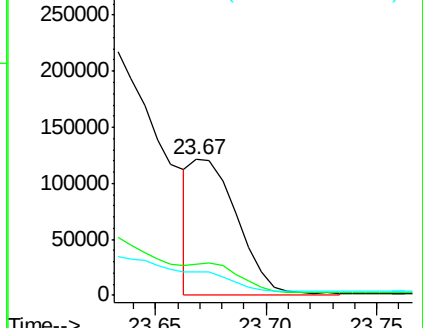
Tot Ion:	252	Resp:	172688
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	17.3	8.1	12.1#

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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



#26

Benzo(a)pyrene

Concen: 5.339 ng/ul

RT: 24.28 min Scan# 3620

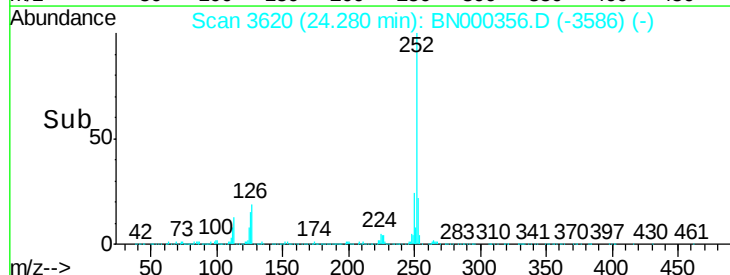
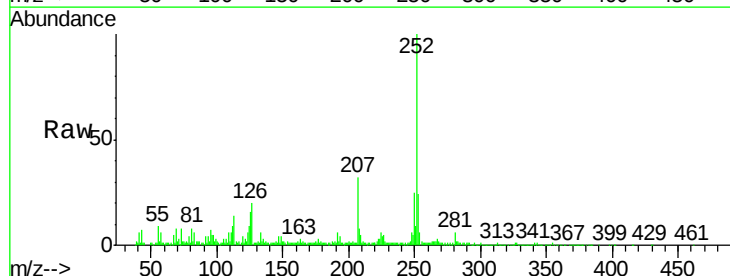
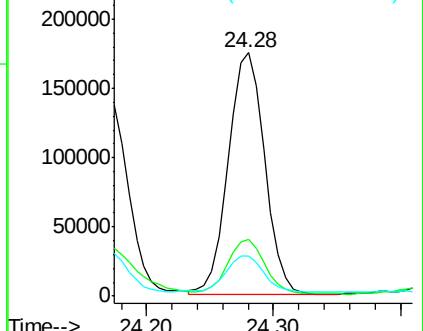
Delta R.T. -0.00 min

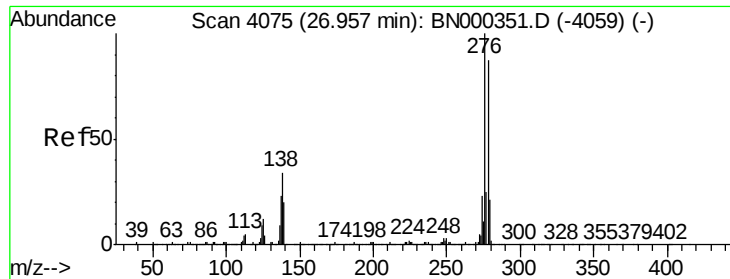
Lab File: BN000356.D

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Tgt Ion:	252	Resp:	347212
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	16.3	8.2	12.4#

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





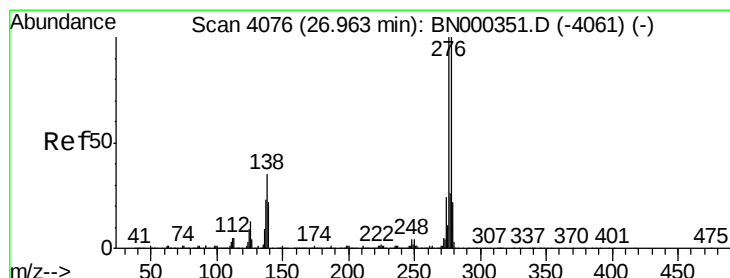
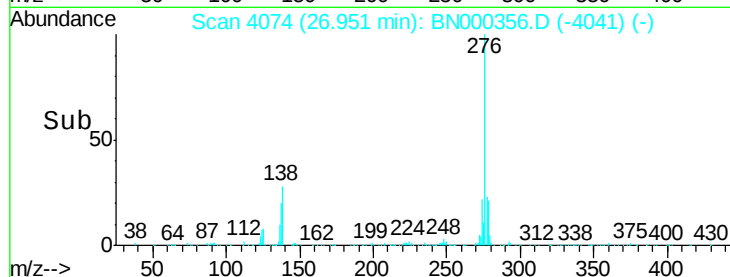
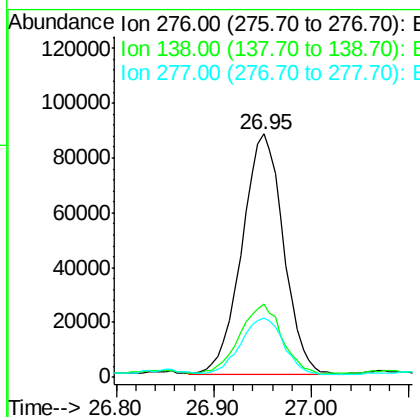
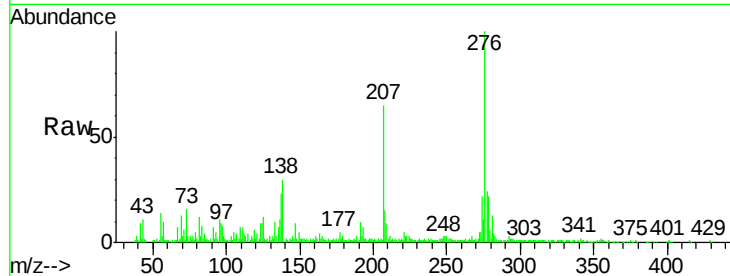
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.718 ng/ul
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BN000356.D
 Acq: 13 Mar 2018 19:18

Instrument :
 BNA_N
 ClientSampleId :
 DAMA7

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	14.4	21.6#
277	24.4	18.0	27.0

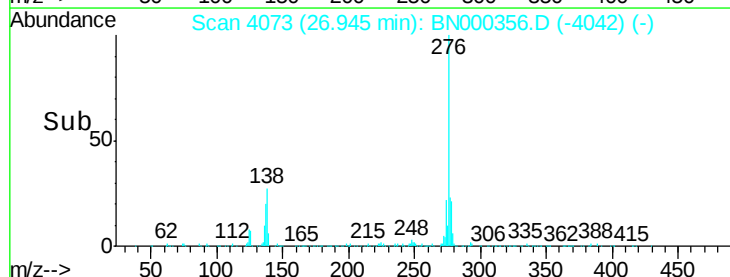
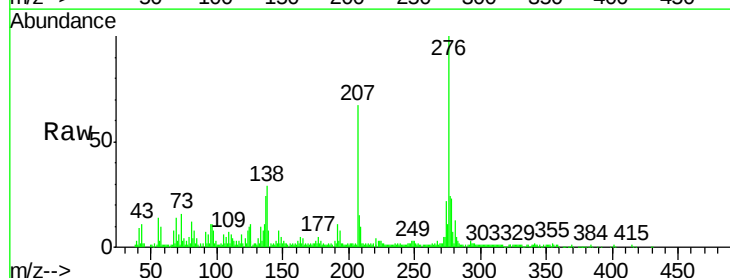
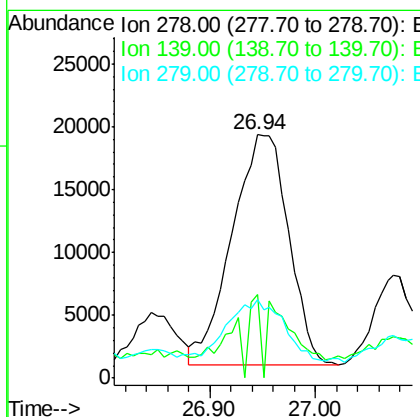
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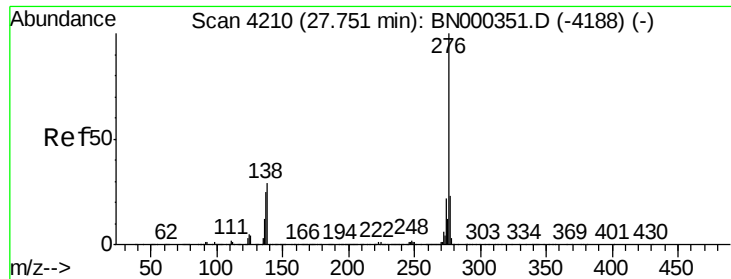
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.184 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.02 min
 Lab File: BN000356.D
 Acq: 13 Mar 2018 19:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.4	12.2	18.4#
279	32.0	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 4.619 ng/ul

RT: 27.74 min Scan# 4208

Delta R.T. -0.01 min

Lab File: BN000356.D

Acq: 13 Mar 2018 19:18

Instrument :

BNA_N

ClientSampleId :

DAMA7

Tot Ion:	276	Resp:	270448
Ion Ratio	Lower	Upper	
276	100		
138	28.4	15.3	22.9#
277	25.2	19.0	28.4

Manual Integrations
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