

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000391.D
 Acq On : 15 Mar 2018 00:51
 Operator : JU/SJ
 Sample : J1866-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMF1

Manual Integrations
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 3/15/2018 7:03:12 PM

Quant Time: Mar 15 07:48:29 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	212792	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1027890	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	586023	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1291978	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1190974	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1081196	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1759724	30.25	ng/ul	0.00
10) Fluorene-d10	16.05	176	1167110	29.63	ng/ul	0.00
14) Anthracene-d10	17.88	188	1827355	30.27	ng/ul	0.00
18) Pyrene-d10	20.14	212	2007521	34.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1529100	30.97	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.83	178	563873	7.610	ng/ul	Qvalue 100
15) Anthracene	17.92	178	111792	1.487	ng/ul	97
16) Fluoranthene	19.80	202	1079349	13.482	ng/ul#	93
19) Pyrene	20.16	202	887780	11.807	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	453184	6.121	ng/ul	97
21) Chrysene	21.94	228	472858m	6.730	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	633369	9.824	ng/ul#	95
24) Benzo(k)fluoranthene	23.67	252	160968m	2.667	ng/ul	
26) Benzo(a)pyrene	24.28	252	371421	6.053	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	249648	3.773	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.96	278	68973	1.272	ng/ul#	79
29) Benzo(g,h,i)perylene	27.74	276	239252	4.331	ng/ul#	86

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

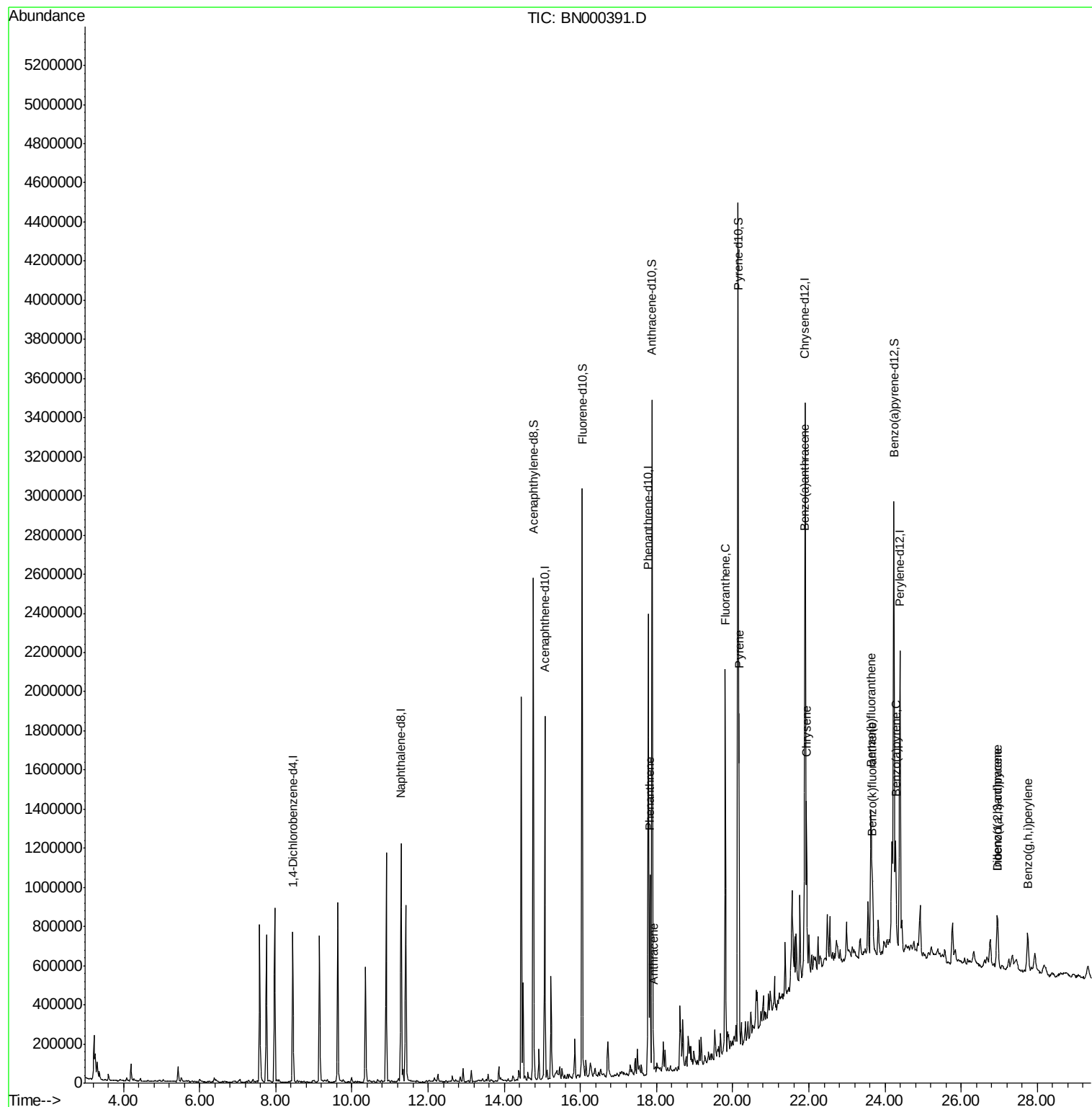
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000391.D
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Sample : J1866-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

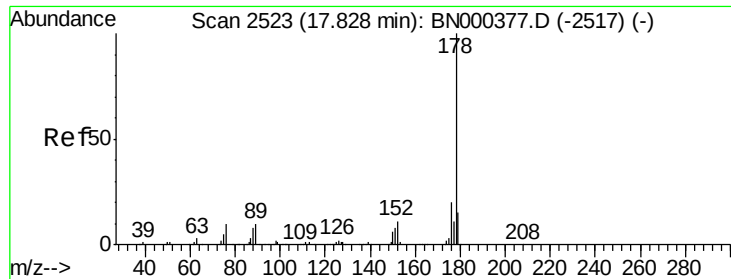
Instrument :
BNA_N
ClientSampled :
DAMF1

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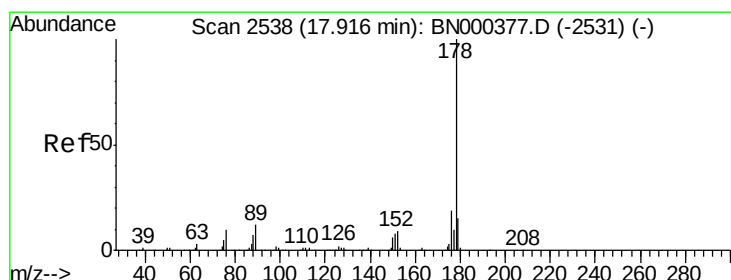
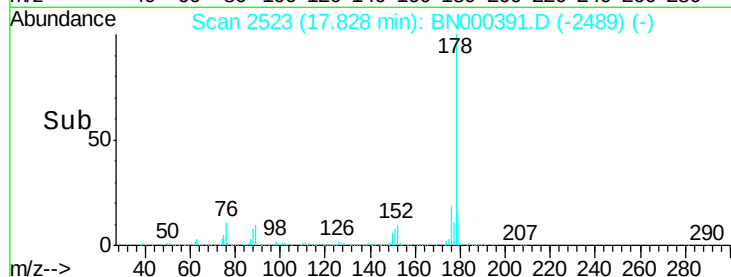
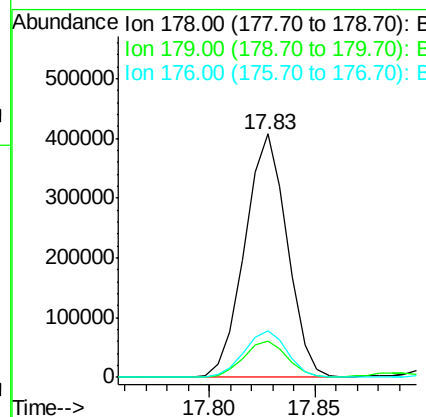
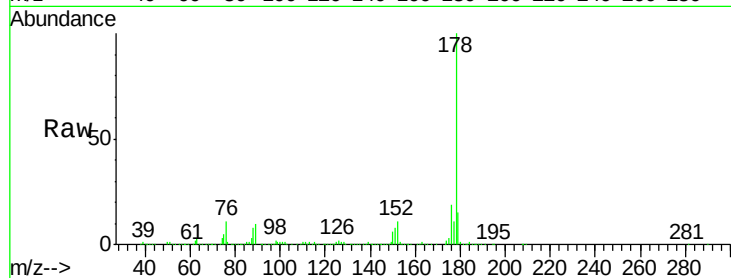
#13
Phenanthrene
Concen: 7.610 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Instrument :
BNA_N
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.9	15.1	22.7

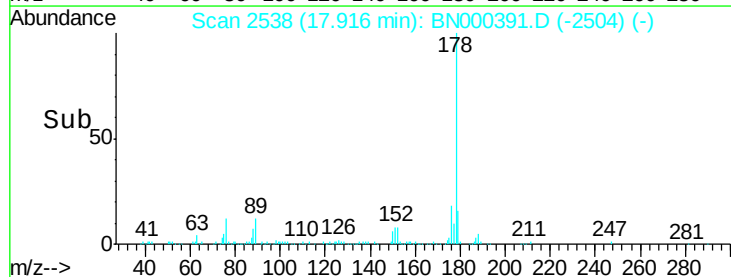
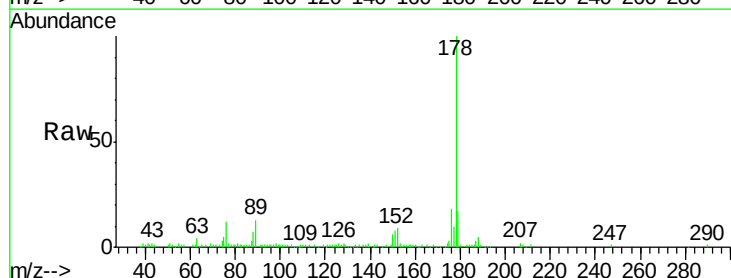
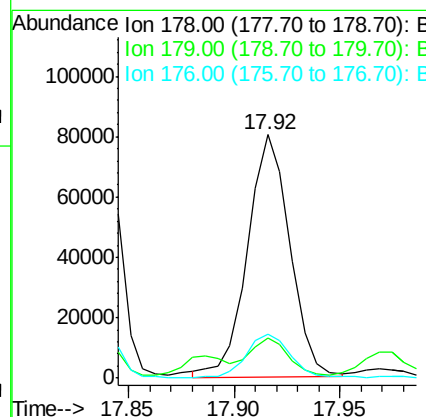
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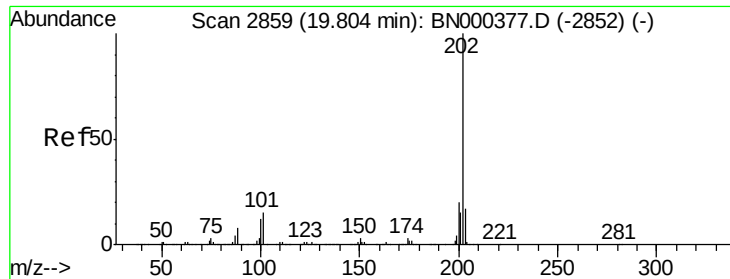
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#15
Anthracene
Concen: 1.487 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.8
176	18.1	15.2	22.8





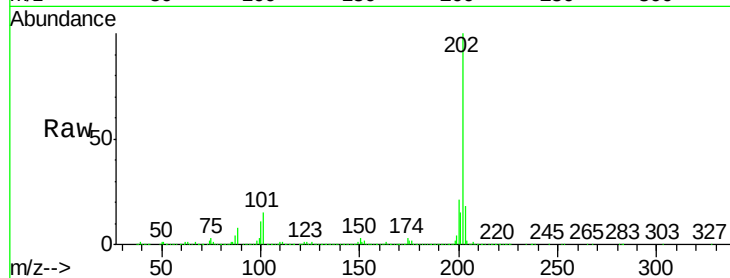
#16
Fluoranthene
Concen: 13.482 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Instrument :
BNA_N
ClientSampled :
DAMF1

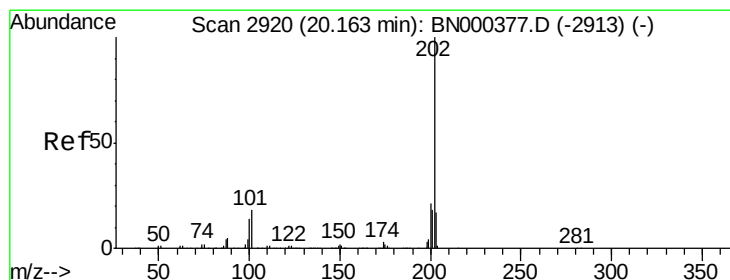
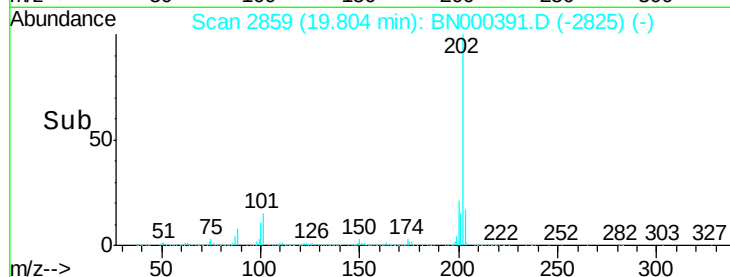
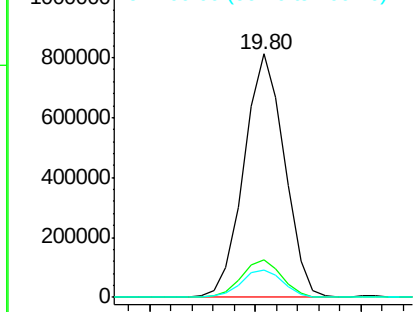
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.4	7.4	11.0#

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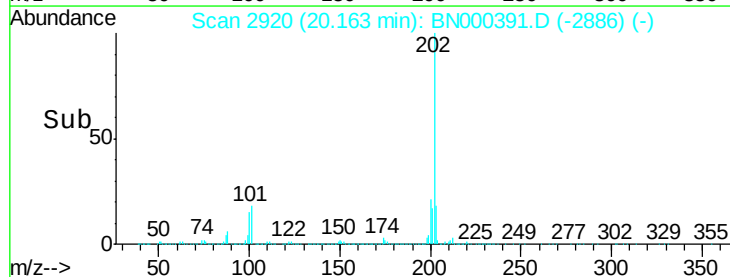
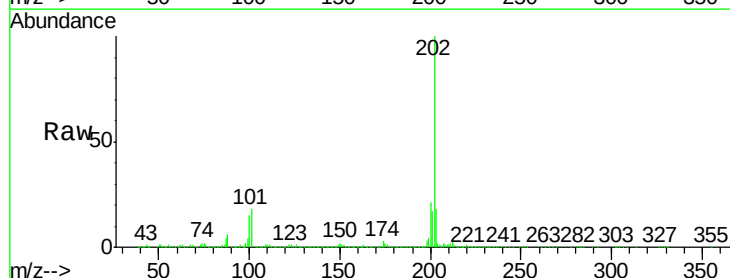
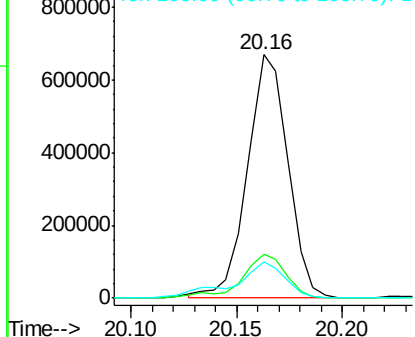
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

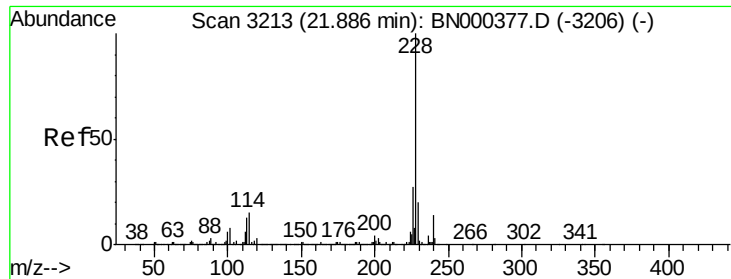


#19
Pyrene
Concen: 11.807 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.7	8.1	12.1#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 6.121 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

Instrument :

BNA_N

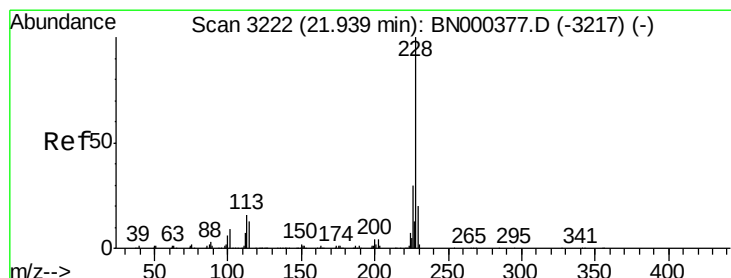
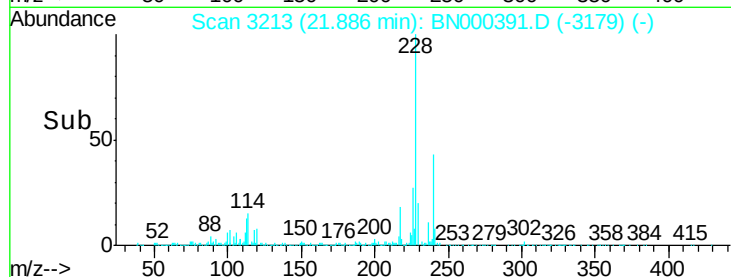
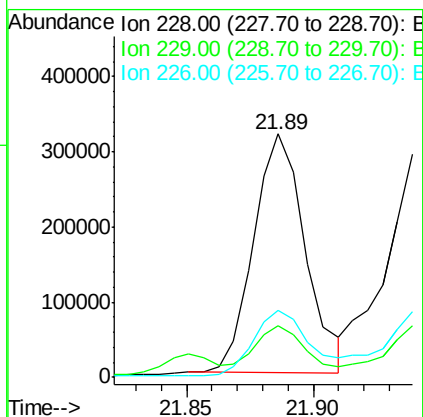
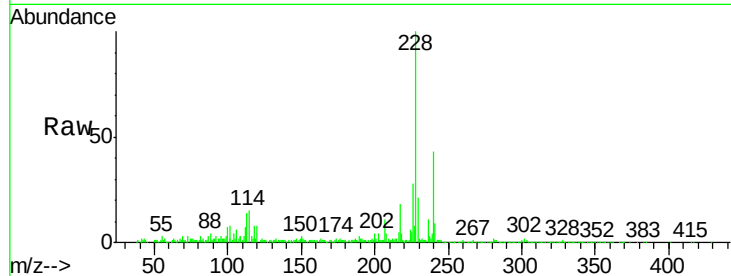
ClientSampleId :

DAMF1

Tgt	Ion:228	Resp:	453184
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	27.6	21.1	31.7

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#21

Chrysene

Concen: 6.730 ng/ul m

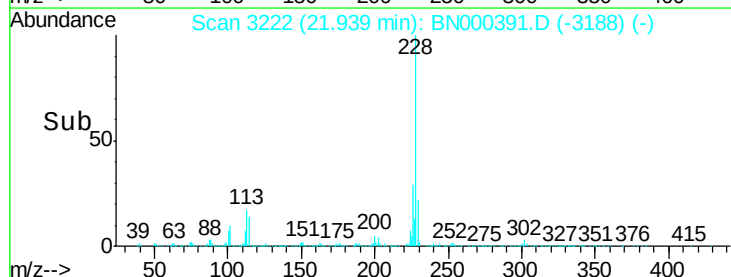
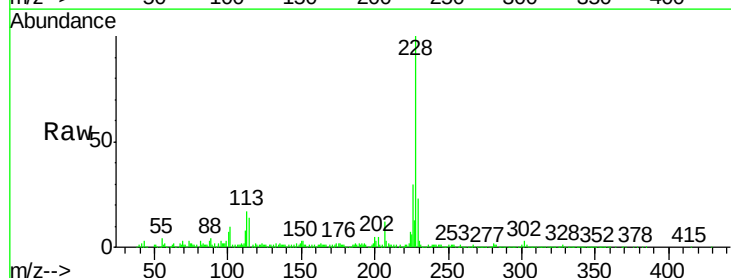
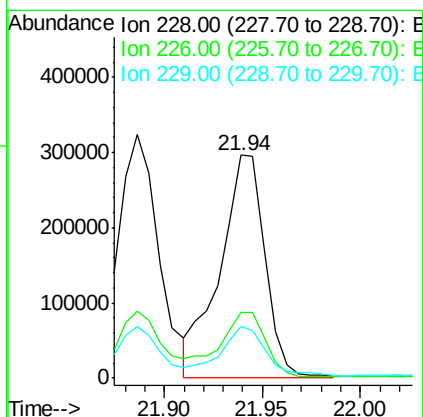
RT: 21.94 min Scan# 3222

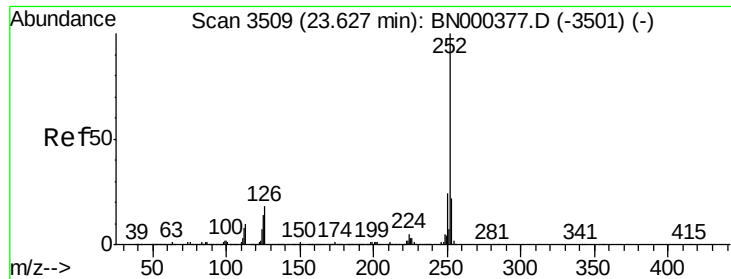
Delta R.T. -0.00 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

Tgt	Ion:228	Resp:	472858
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	22.9	15.8	23.8





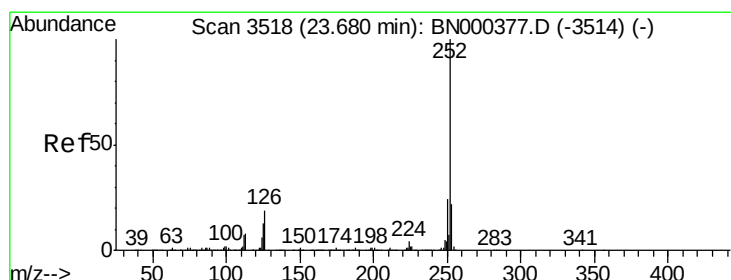
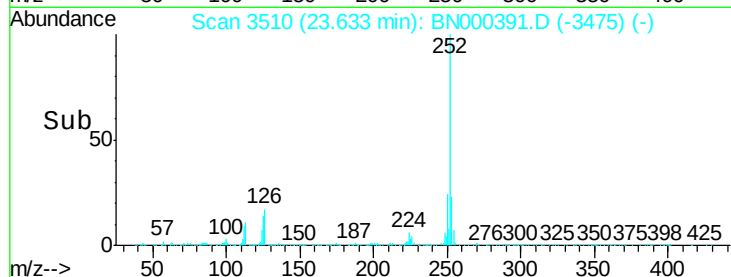
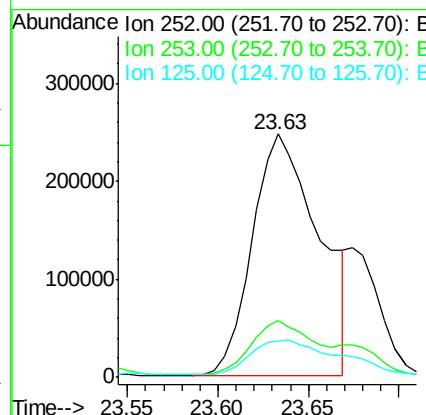
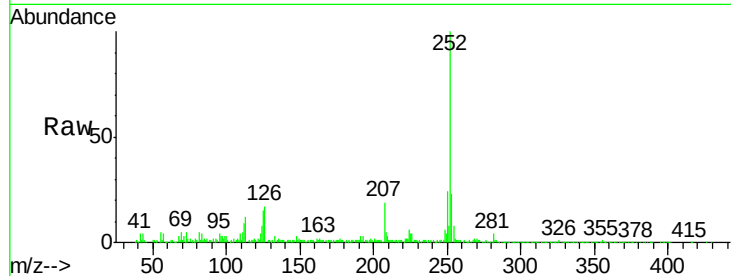
#23
Benzo(b)fluoranthene
Concen: 9.824 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Instrument :
BNA_N
ClientSampleId :
DAMF1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	14.9	8.0	12.0

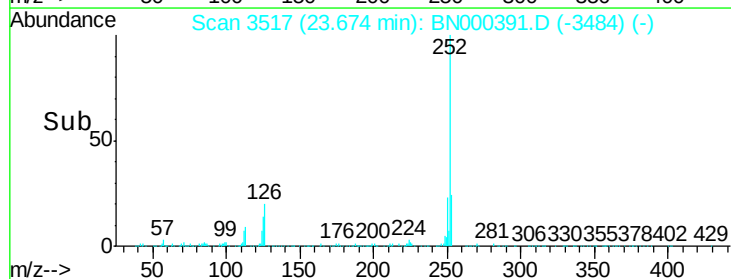
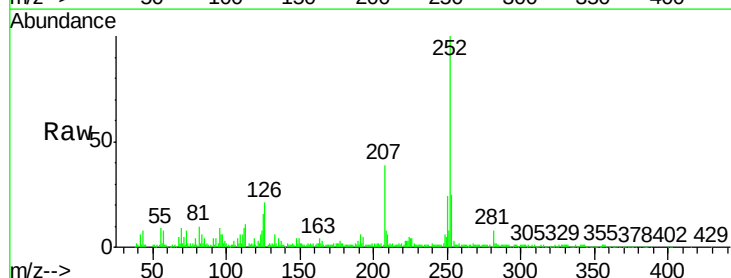
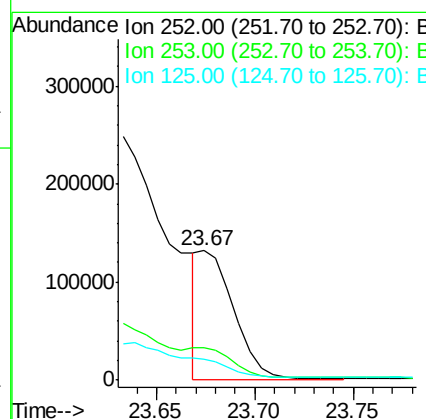
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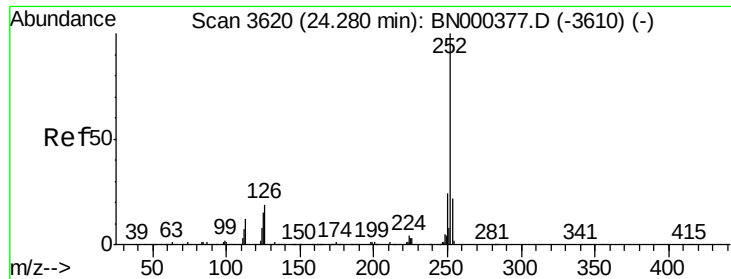
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#24
Benzo(k)fluoranthene
Concen: 2.667 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	16.0	8.1	12.1





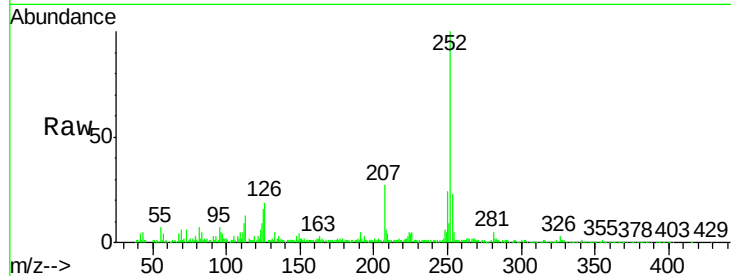
#26
Benzo(a)pyrene
Concen: 6.053 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Instrument :
BNA_N
ClientSampled :
DAMF1

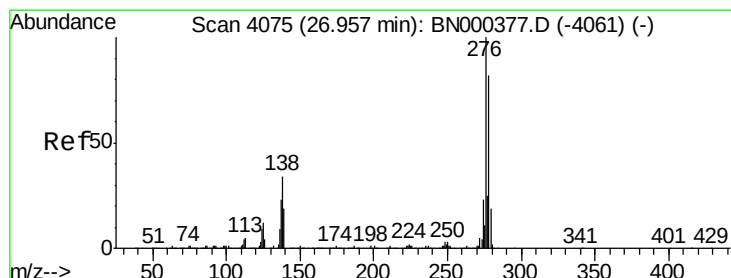
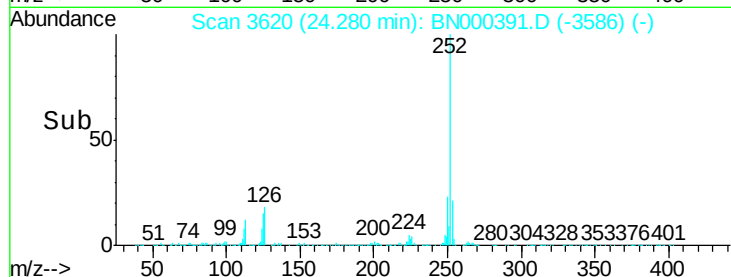
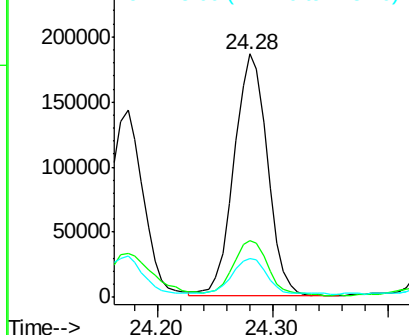
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	15.9	8.2	12.4

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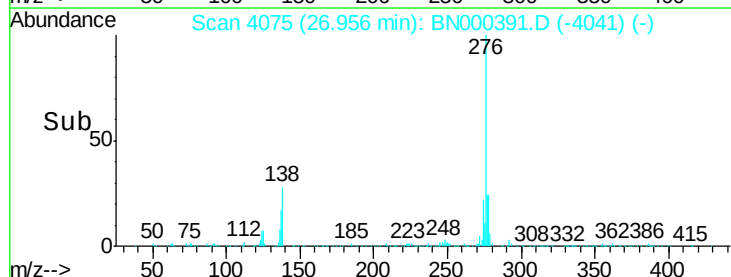
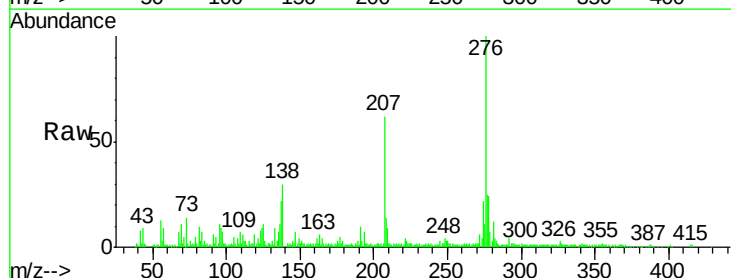
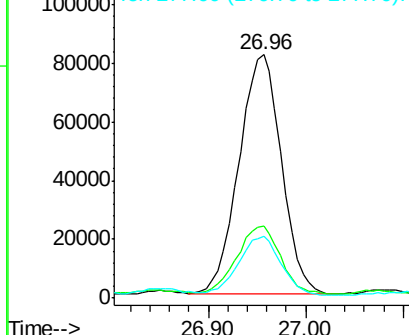
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

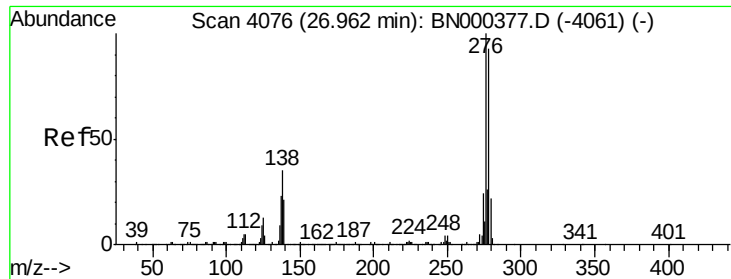


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.773 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6
277	25.3	18.0	27.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





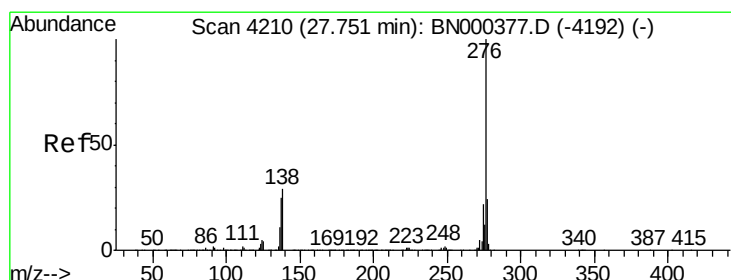
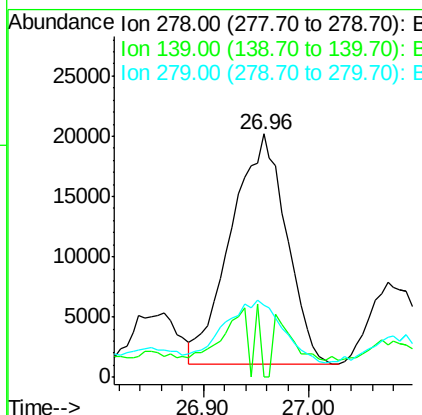
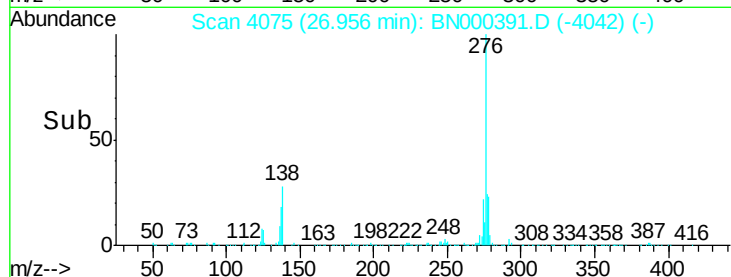
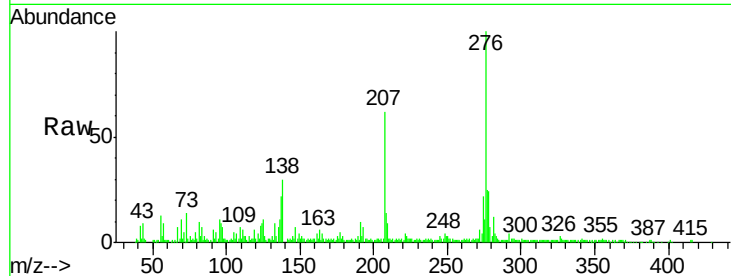
#28
Dibenzo(a,h)anthracene
Concen: 1.272 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Instrument :
BNA_N
ClientSampled :
DAMF1

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	29.4	19.2	28.8#

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#29
Benzo(g,h,i)perylene
Concen: 4.331 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	15.3	22.9#
277	24.5	19.0	28.4

