

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001092.D
 Acq On : 03 May 2018 03:44
 Operator : JU/SJ
 Sample : J2527-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS72

Manual Integrations
 APPROVED

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Quant Time: May 03 08:59:05 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119181	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	490995	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	240588	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	474664	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	445361	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	471711	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	498257	21.56	ng/ul	0.00
10) Fluorene-d10	15.25	176	348400	22.59	ng/ul	0.00
14) Anthracene-d10	17.10	188	509795	23.49	ng/ul	0.00
18) Pyrene-d10	19.41	212	533898	23.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	568906	25.53	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	96374	3.723	ng/ul	99
15) Anthracene	17.14	178	31189	1.201	ng/ul	99
16) Fluoranthene	19.07	202	188949	7.194	ng/ul#	94
19) Pyrene	19.44	202	164272	5.743	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	96624m	3.629	ng/ul	
21) Chrysene	21.25	228	103191	4.124	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	165310	6.167	ng/ul#	92
24) Benzo(k)fluoranthene	22.80	252	39817m	1.518	ng/ul	
26) Benzo(a)pyrene	23.32	252	106452	4.155	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.60	276	88521	2.861	ng/ul#	88
29) Benzo(g,h,i)perylene	26.27	276	107519	4.154	ng/ul#	91

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

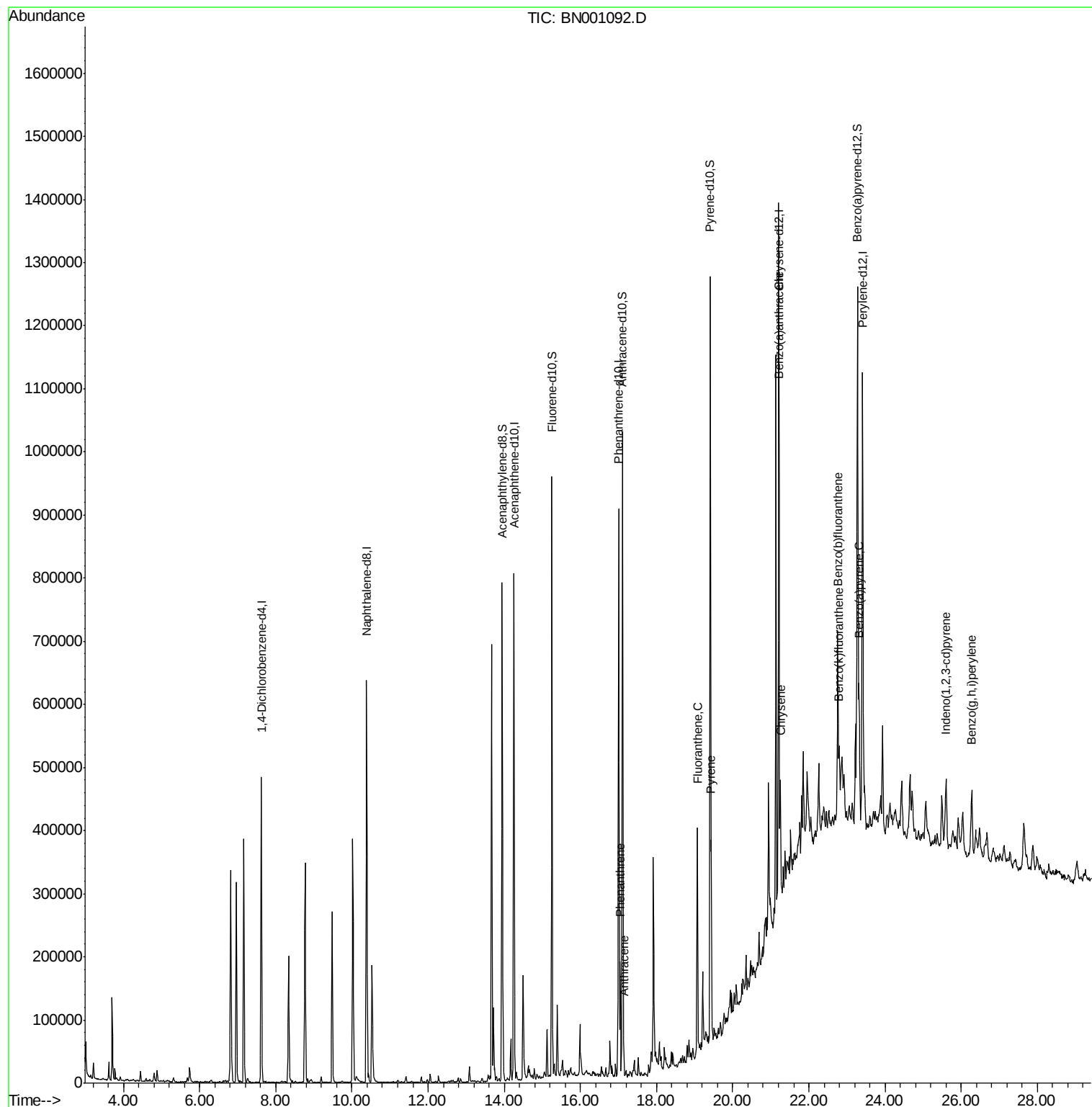
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001092.D
Acq On : 03 May 2018 03:44
Operator : JU/SJ
Sample : J2527-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

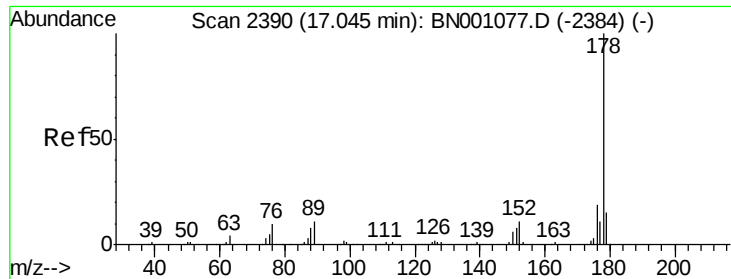
Instrument :
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Quant Time: May 03 08:59:05 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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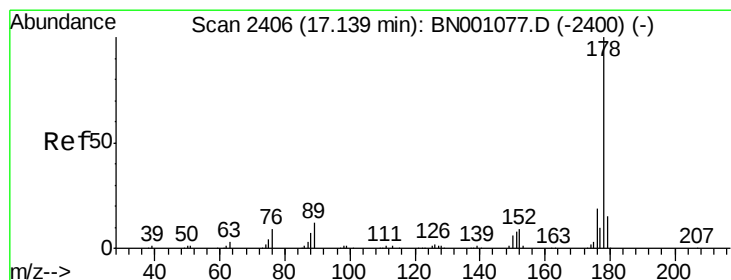
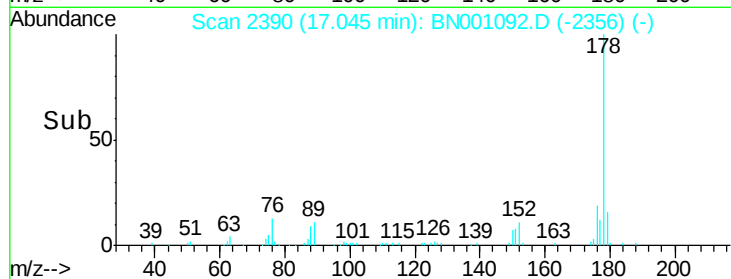
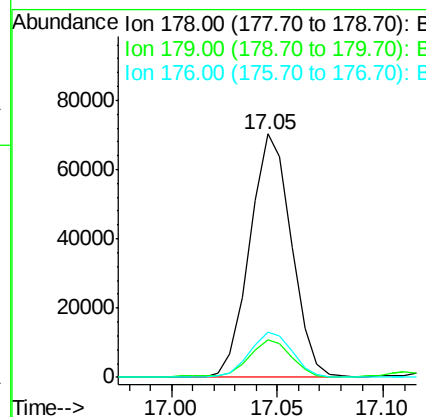
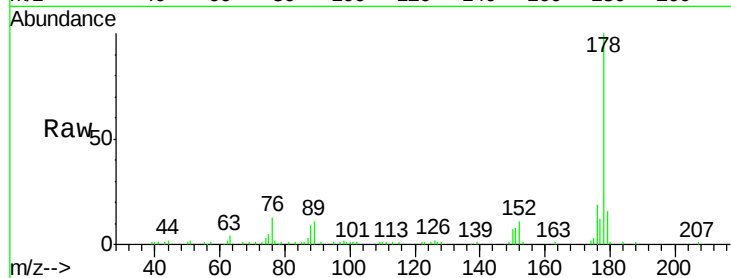
#13
Phenanthrene
Concen: 3.723 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Instrument :
BNA_N
ClientSampleId :
DAS72

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	15.1	22.7

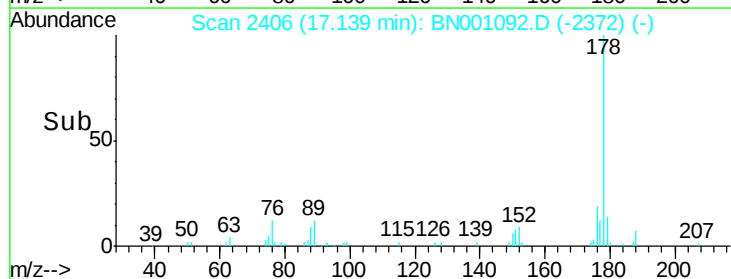
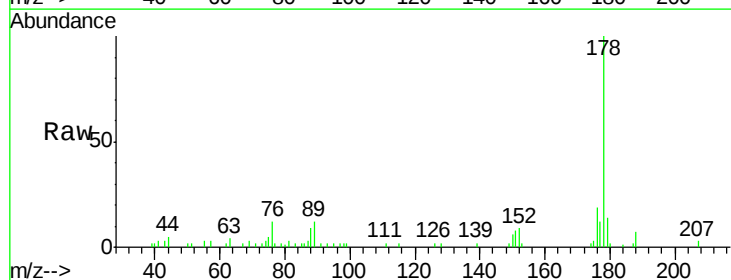
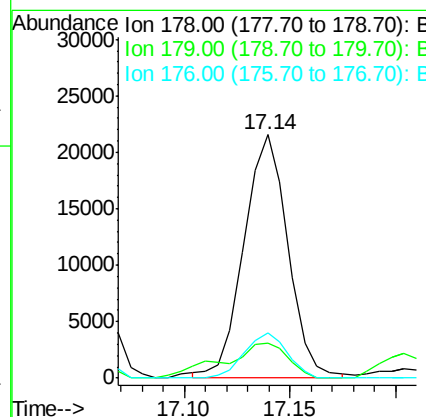
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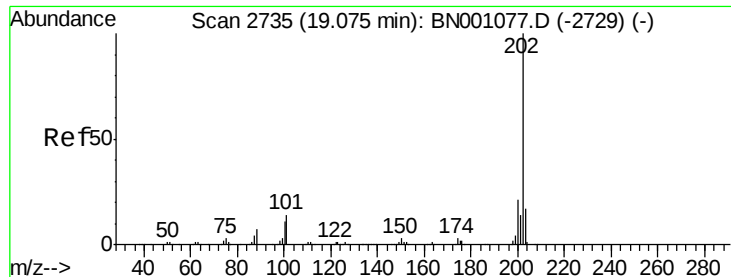
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#15
Anthracene
Concen: 1.201 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.8	17.8
176	18.7	15.2	22.8





#16

Fluoranthene

Concen: 7.194 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

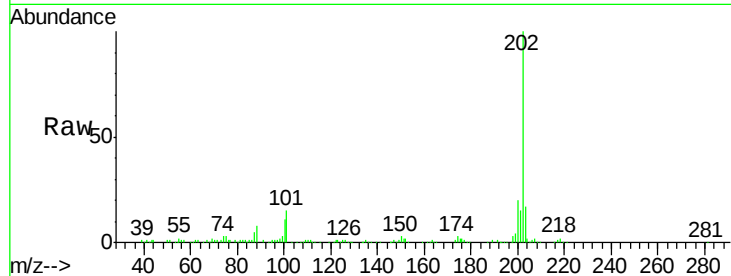
ClientSampled :

DAS72

Tot Ion:	202	Resp:	188949
Ion Ratio		Lower	Upper
202	100		
101	14.6	9.9	14.9
100	11.2	7.4	11.0#

Manual Integrations
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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

19.07

150000

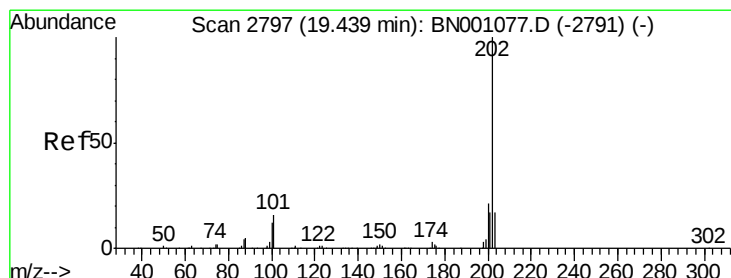
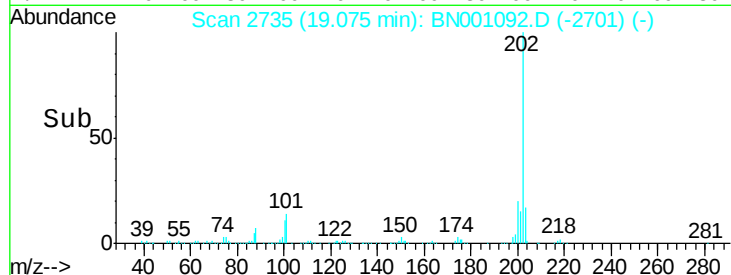
100000

50000

0

19.05 19.10

Time-->



#19

Pyrene

Concen: 5.743 ng/ul

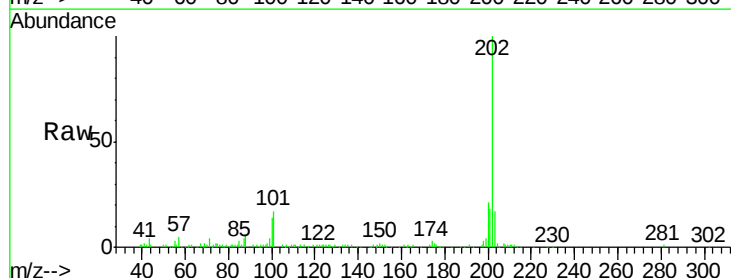
RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Tgt Ion:	202	Resp:	164272
Ion Ratio		Lower	Upper
202	100		
101	16.7	11.0	16.4#
100	13.8	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

19.44

150000

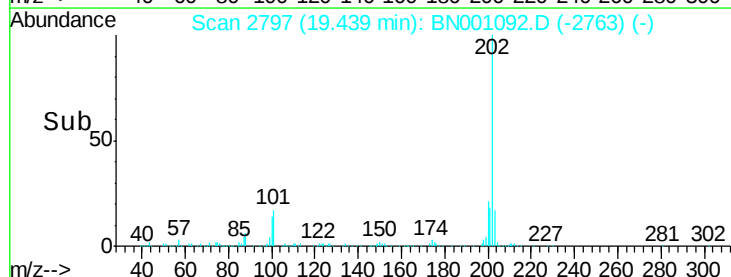
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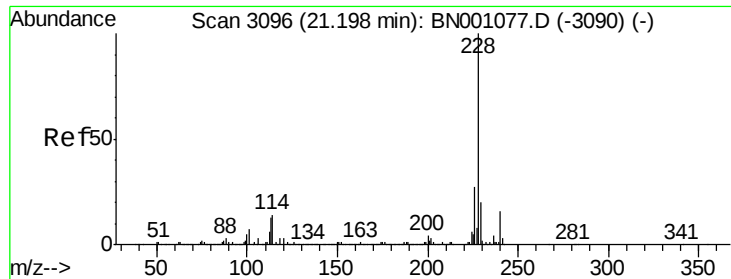
50000

0

19.35 19.40 19.45 19.50

Time-->





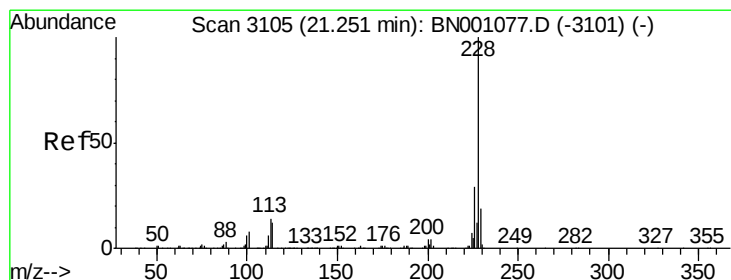
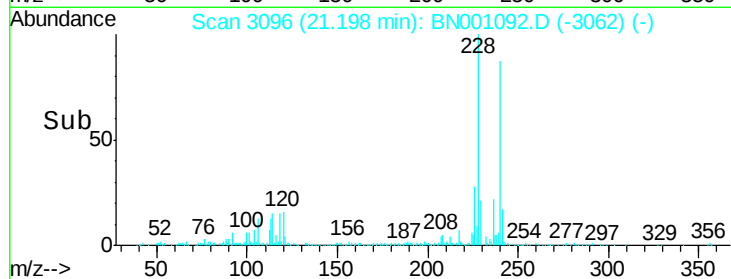
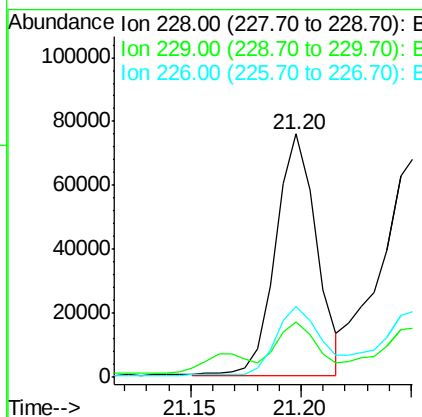
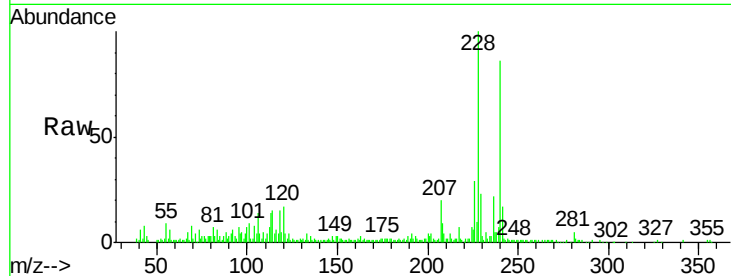
#20
Benzo(a)anthracene
Concen: 3.629 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Instrument :
BNA_N
ClientSampleId :
DAS72

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	29.1	21.1	31.7

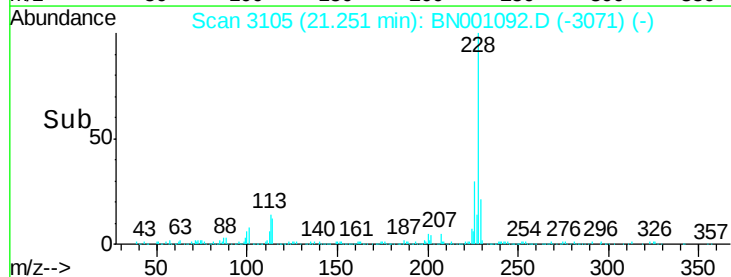
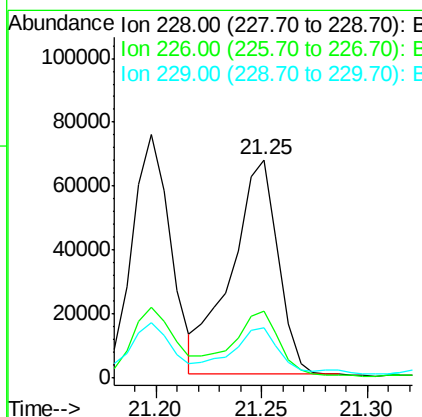
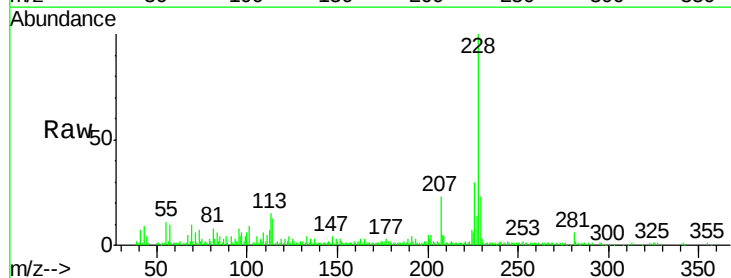
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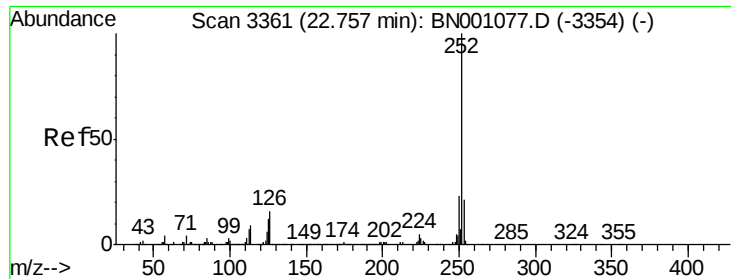
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#21
Chrysene
Concen: 4.124 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.8	15.8	23.8





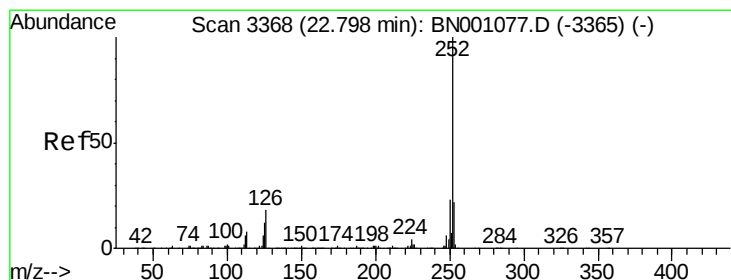
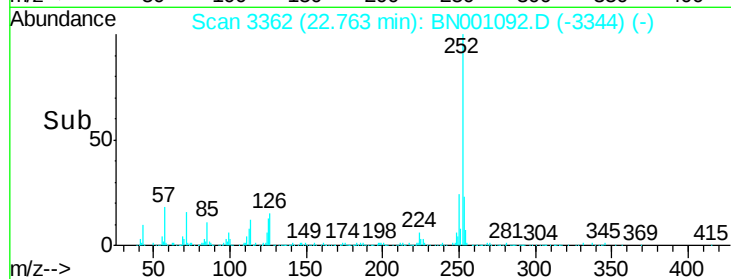
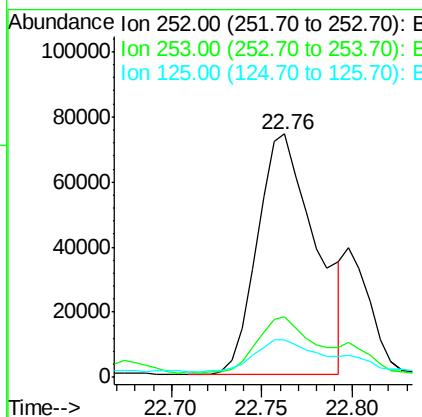
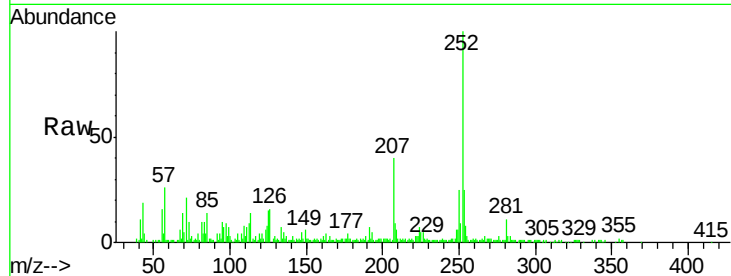
#23
Benzo(b)fluoranthene
Concen: 6.167 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Instrument :
BNA_N
ClientSampled :
DAS72

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	15.4	8.0	12.0

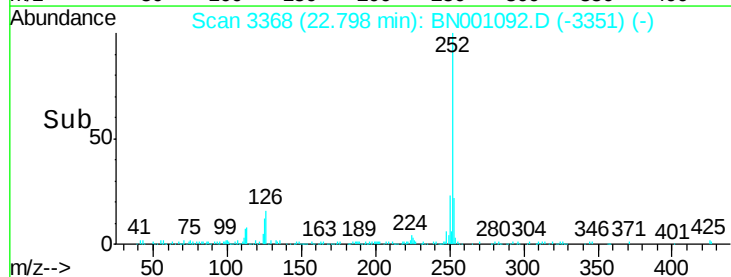
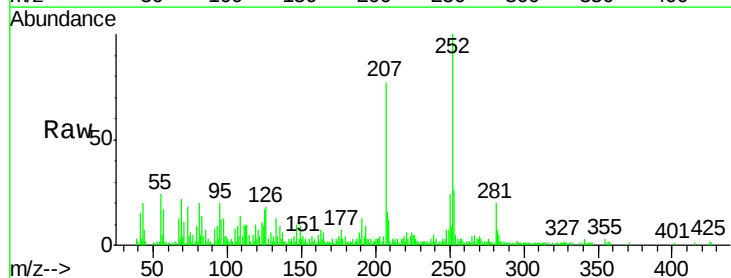
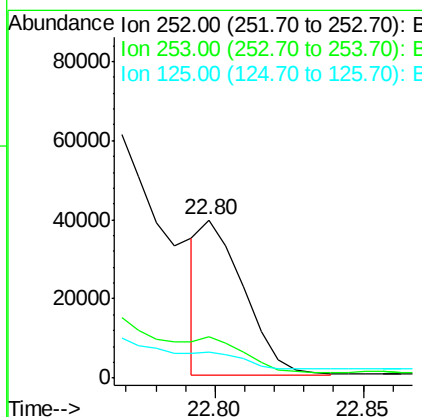
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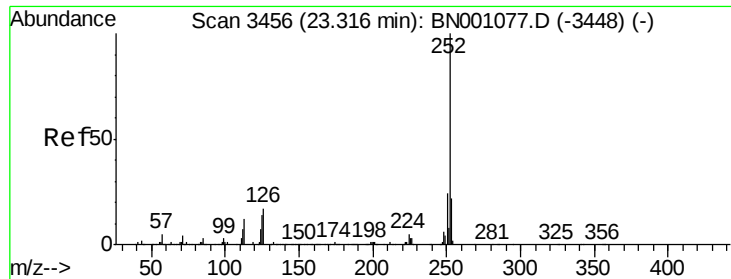
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#24
Benzo(k)fluoranthene
Concen: 1.518 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	16.6	8.1	12.1





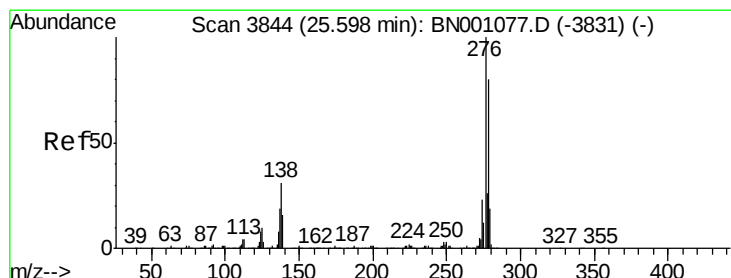
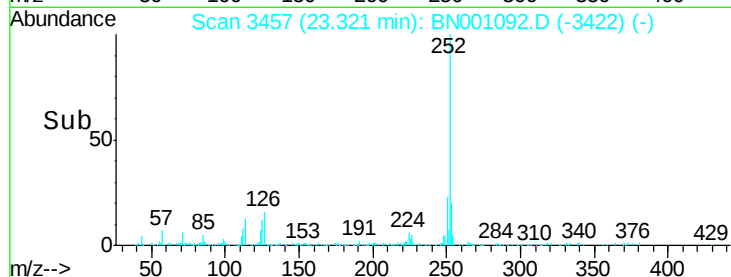
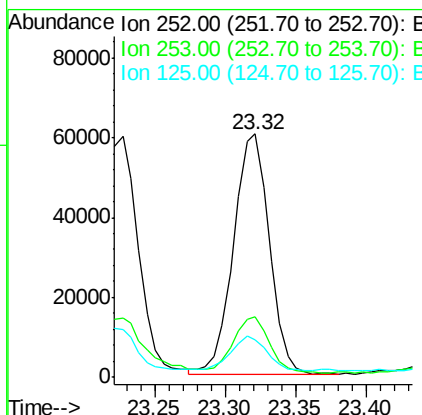
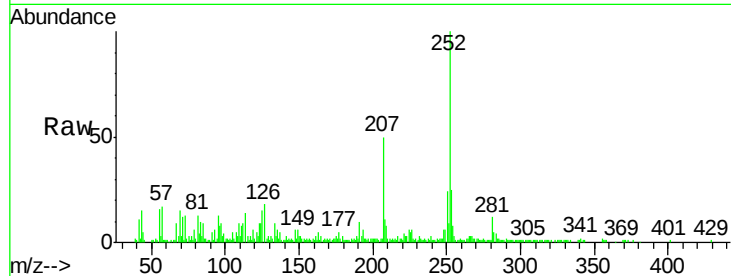
#26
Benzo(a)pyrene
Concen: 4.155 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Instrument :
BNA_N
ClientSampled :
DAS72

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	15.3	8.2	12.4

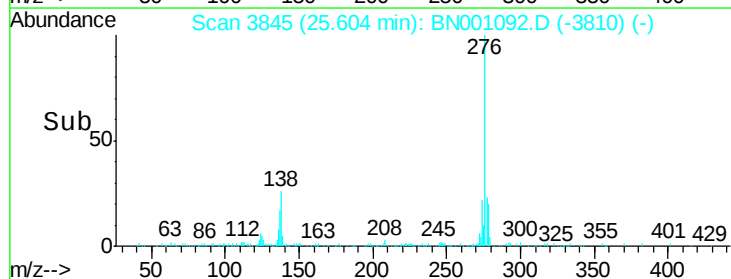
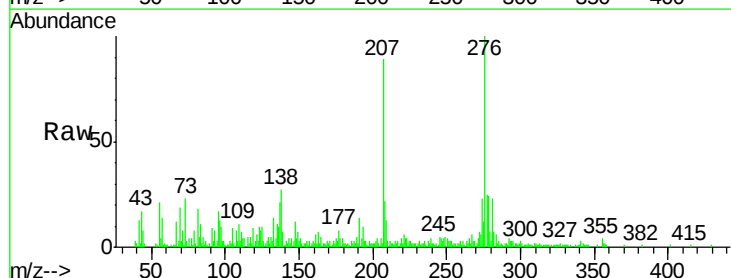
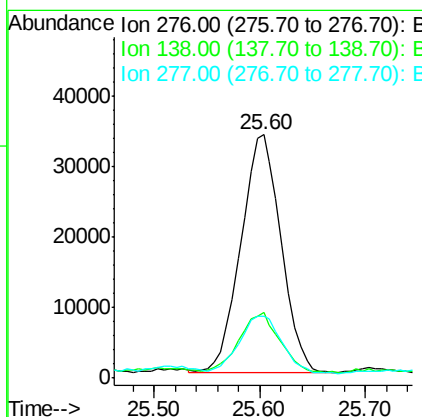
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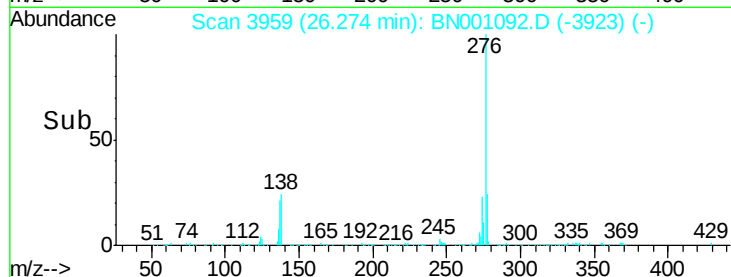
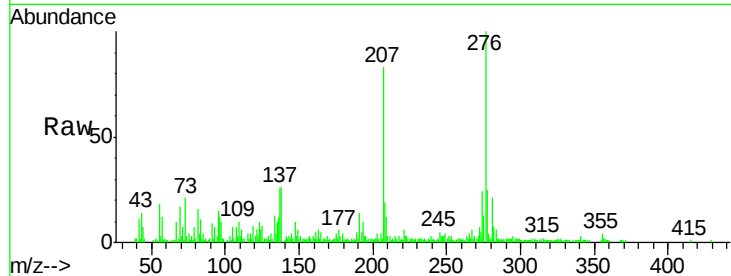
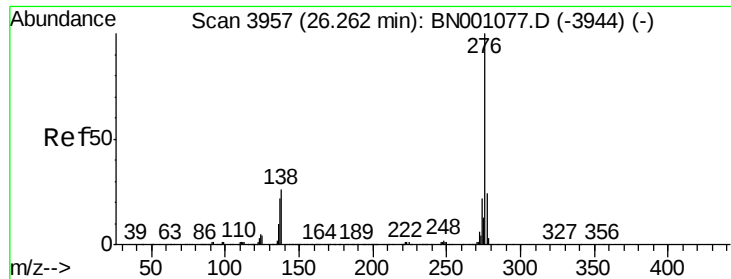
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.861 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.01 min
Lab File: BN001092.D
Acq: 03 May 2018 03:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	14.4	21.6
277	25.3	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 4.154 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.01 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

DAS72

Tot Ion:	276	Resp:	107519
Ion Ratio	Lower	Upper	
276	100		
138	26.4	15.3	22.9#
277	25.4	19.0	28.4

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