

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001079.D
 Acq On : 02 May 2018 20:09
 Operator : JU/SJ
 Sample : J2527-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS83

Manual Integrations
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Sohil
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Quant Time: May 03 08:33:42 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	118348	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	498195	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	241362	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	459623	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	431008	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	466210	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	507390	21.89	ng/ul	0.00
10) Fluorene-d10	15.25	176	338061	21.85	ng/ul	0.00
14) Anthracene-d10	17.10	188	473818	22.54	ng/ul	0.00
18) Pyrene-d10	19.41	212	488229	22.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	528866	24.01	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	168672	6.729	ng/ul	99
15) Anthracene	17.14	178	35789	1.423	ng/ul	98
16) Fluoranthene	19.07	202	352326	13.853	ng/ul#	92
19) Pyrene	19.43	202	308068	11.128	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	210821	8.183	ng/ul	94
21) Chrysene	21.24	228	243222m	10.044	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	401234m	15.144	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	112650m	4.345	ng/ul	
26) Benzo(a)pyrene	23.32	252	241525	9.539	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.60	276	200760	6.564	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.60	278	57337	2.249	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	199658	7.806	ng/ul#	92

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

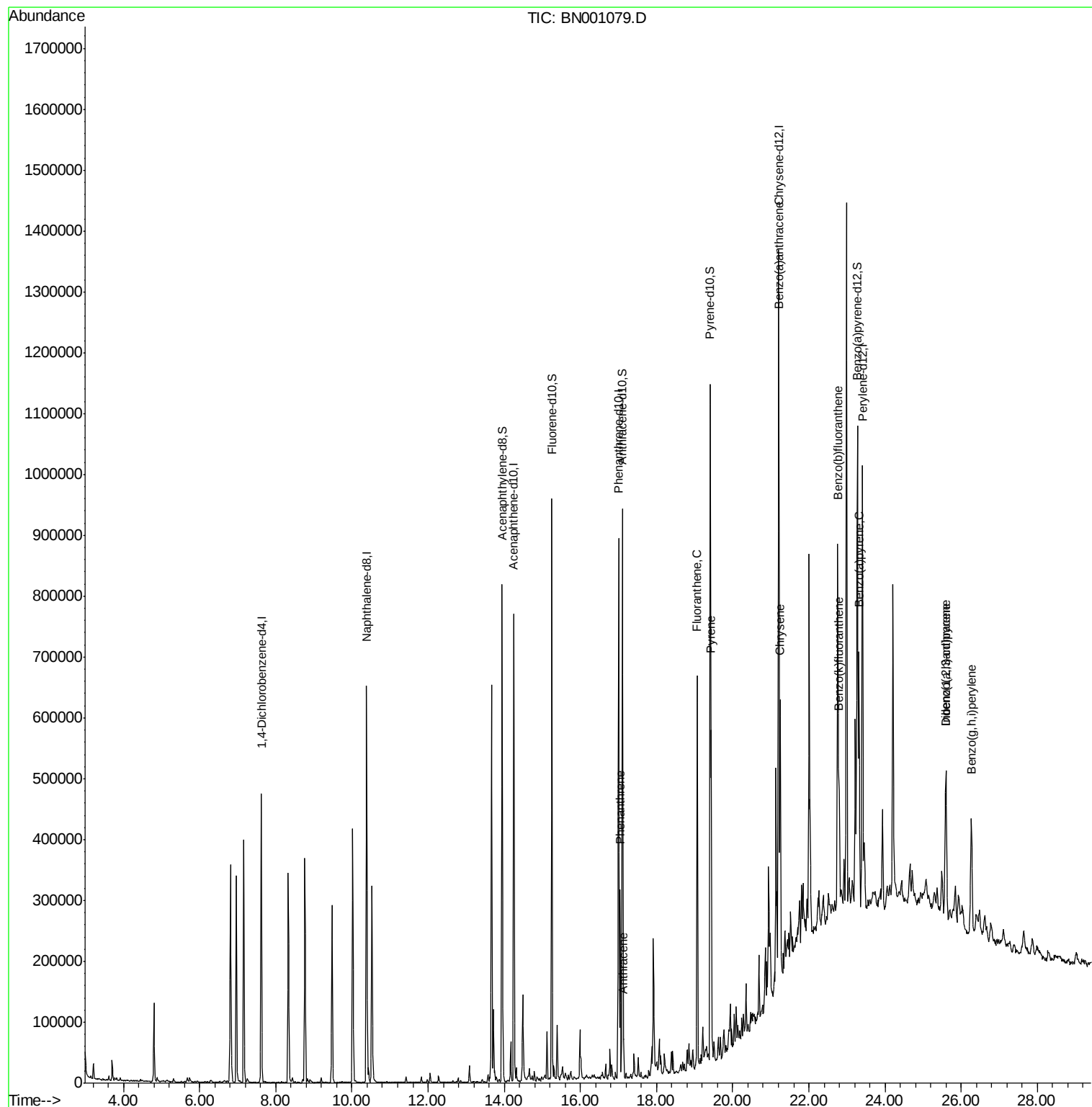
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001079.D
Acq On : 02 May 2018 20:09
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Sample : J2527-16
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ALS Vial : 19 Sample Multiplier: 1

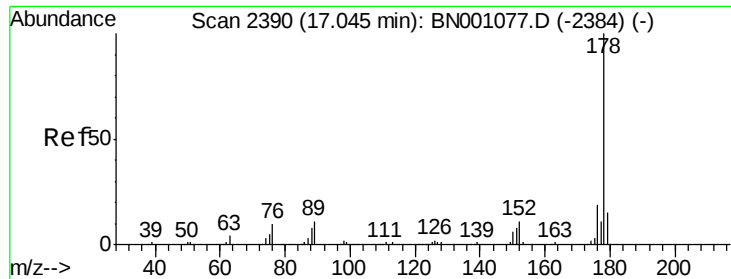
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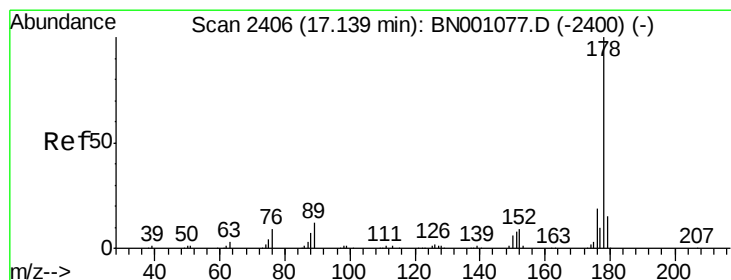
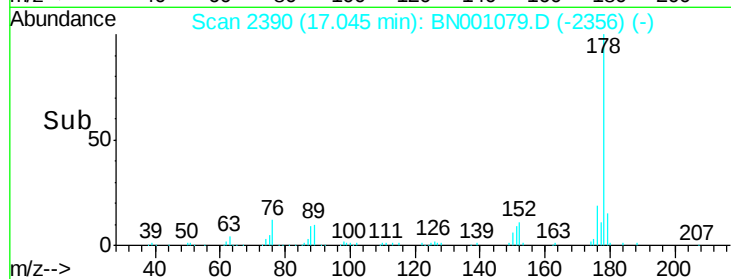
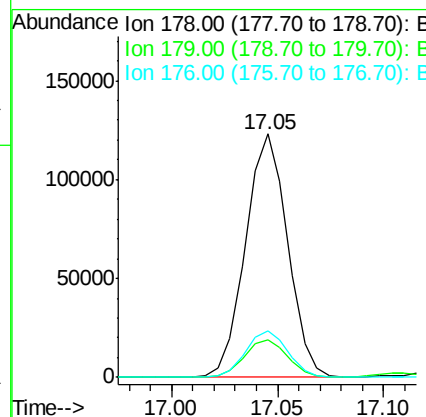
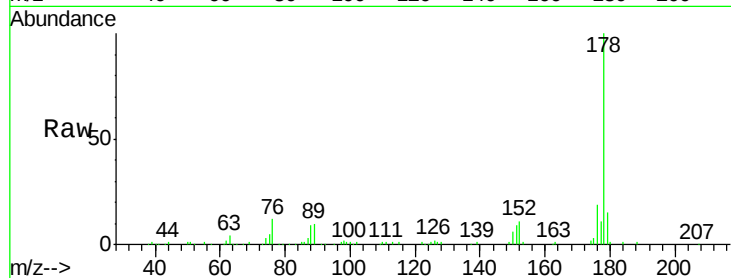
#13
Phenanthrene
Concen: 6.729 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Instrument :
BNA_N
ClientSampleId :
DAS83

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.1	22.7

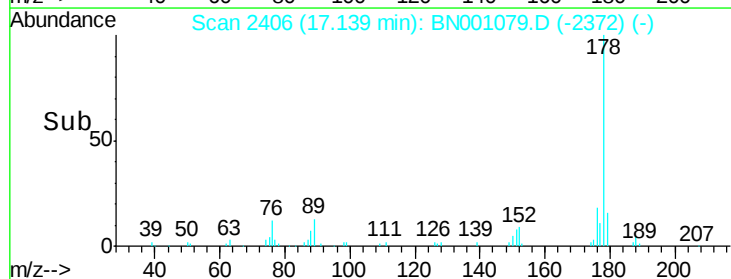
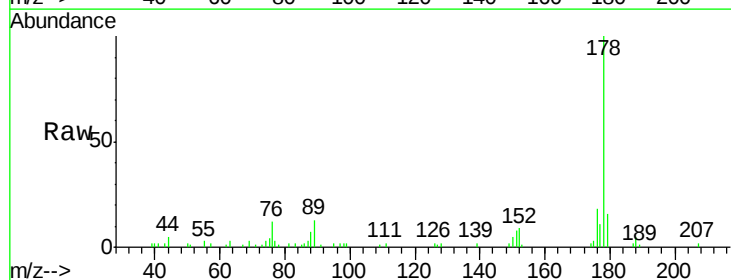
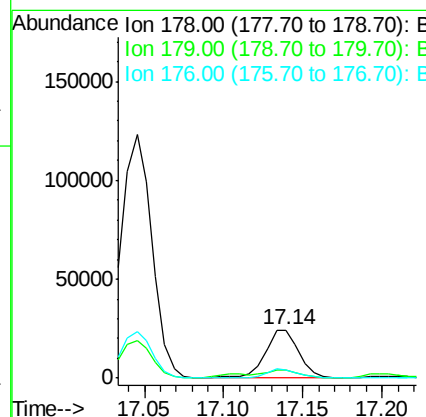
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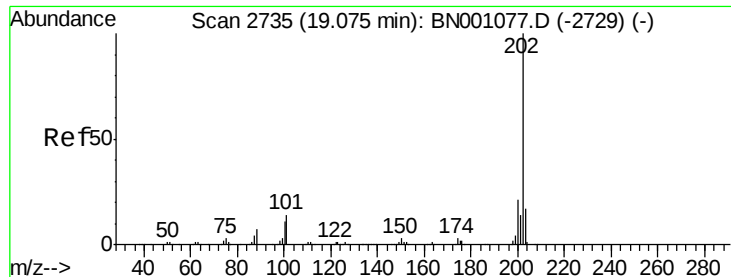
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#15
Anthracene
Concen: 1.423 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	18.0	15.2	22.8





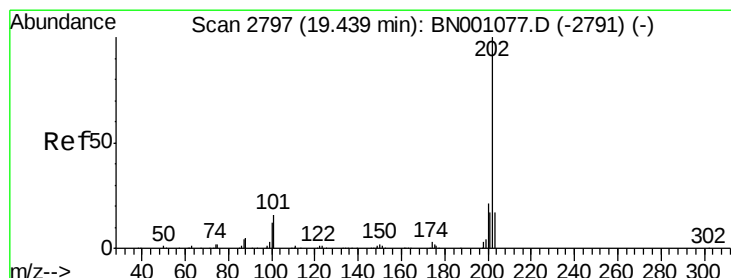
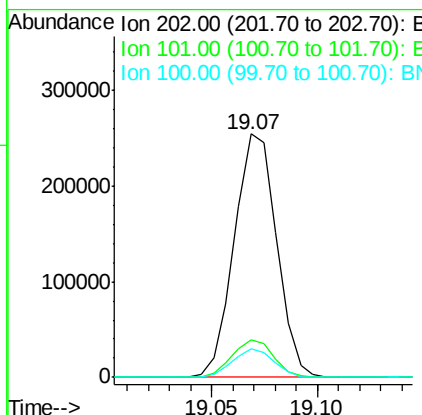
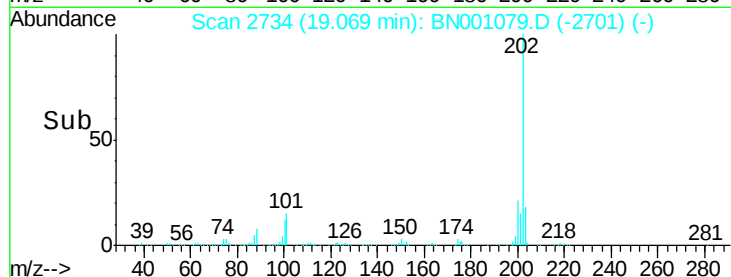
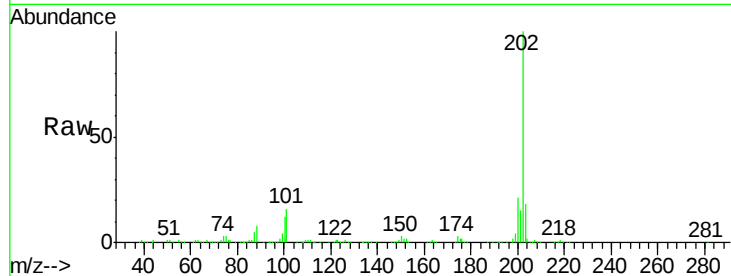
#16
Fluoranthene
 Concen: 13.853 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN001079.D
 Acq: 02 May 2018 20:09

Instrument :
 BNA_N
 ClientSampleId :
 DAS83

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.7	9.9	14.9#
100	11.9	7.4	11.0#

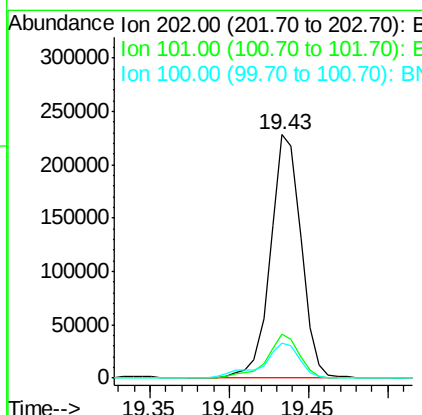
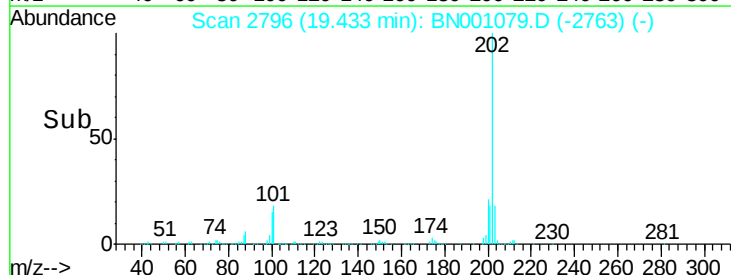
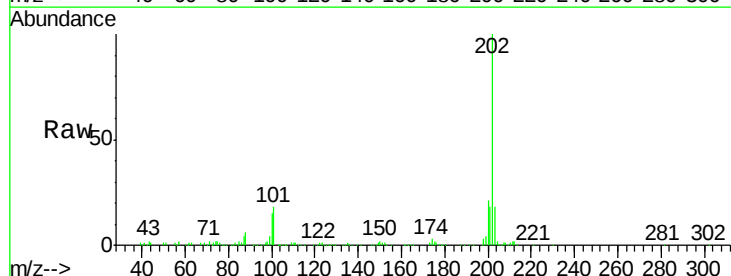
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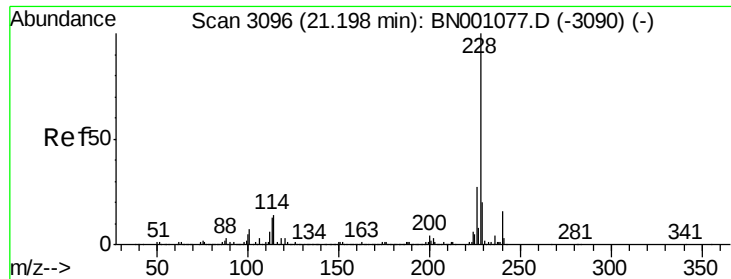
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#19
Pyrene
 Concen: 11.128 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BN001079.D
 Acq: 02 May 2018 20:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.9	11.0	16.4#
100	14.6	8.1	12.1#





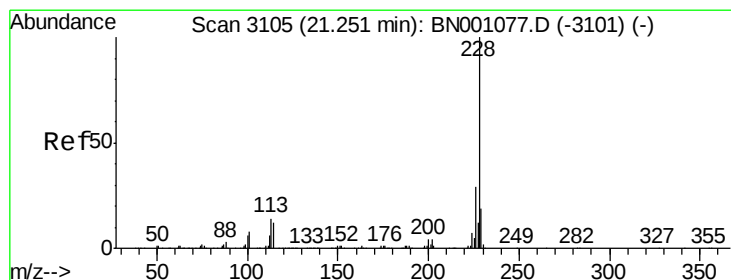
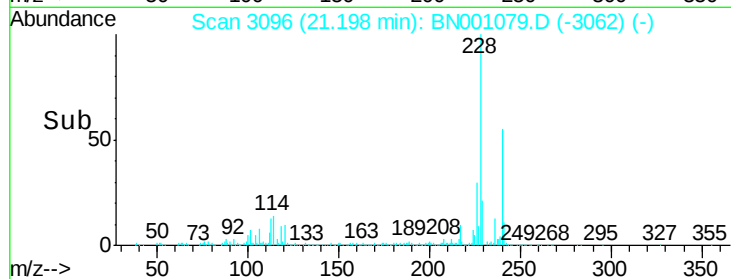
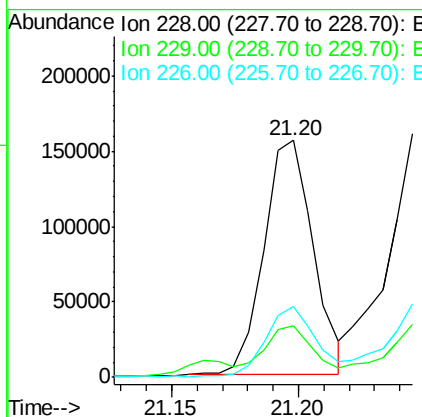
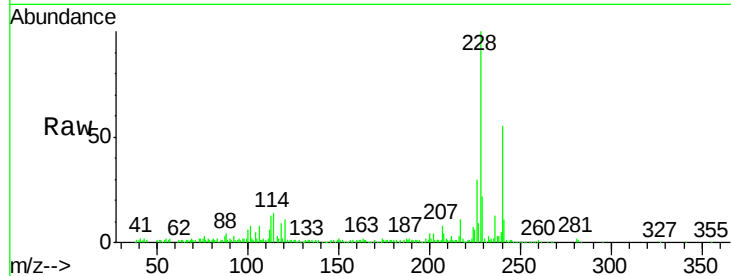
#20
Benzo(a)anthracene
Concen: 8.183 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Instrument :
BNA_N
ClientSampleId :
DAS83

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	29.7	21.1	31.7

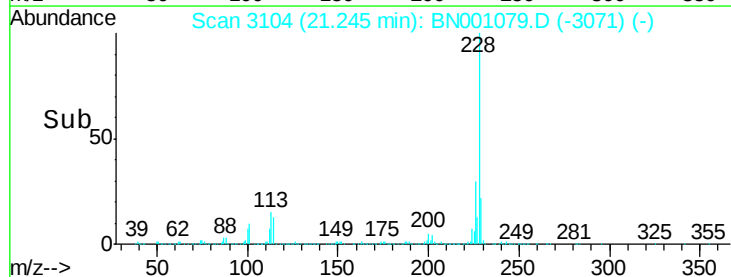
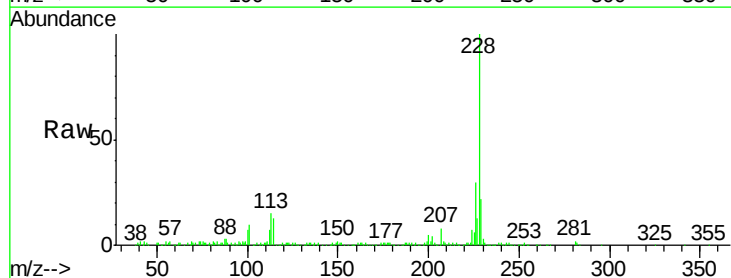
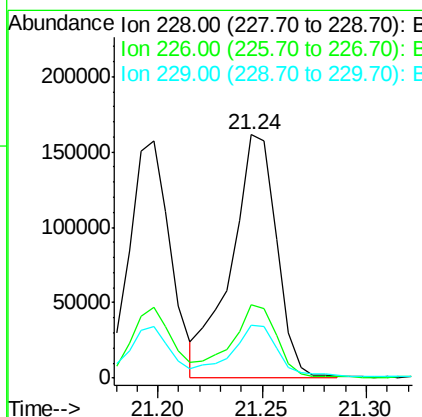
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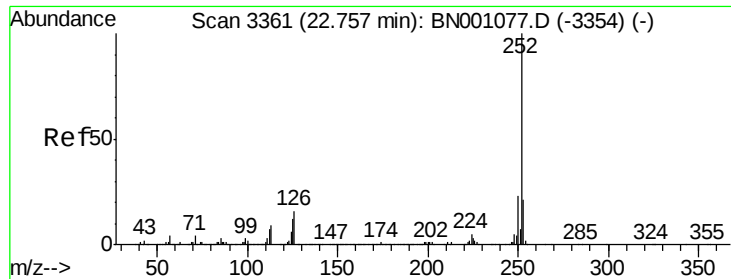
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#21
Chrysene
Concen: 10.044 ng/ul m
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	21.9	15.8	23.8





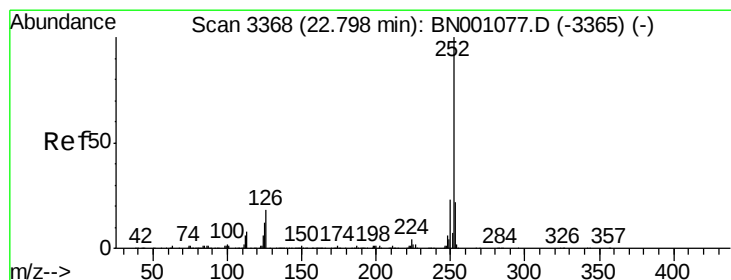
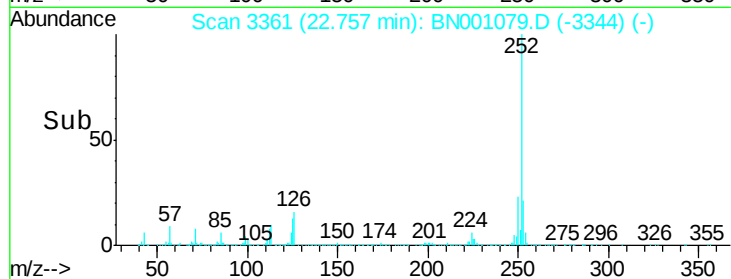
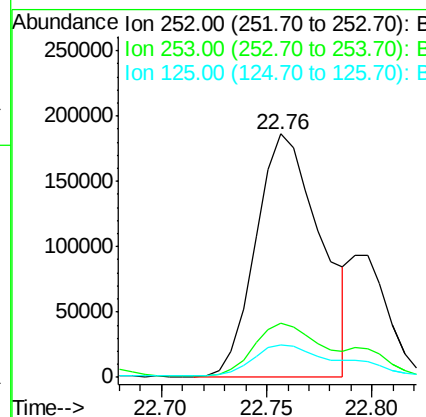
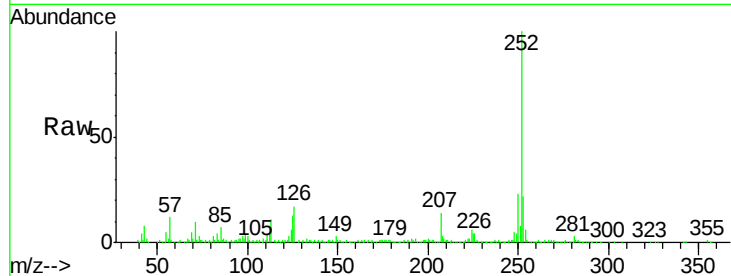
#23
Benzo(b)fluoranthene
Concen: 15.144 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Instrument :
BNA_N
ClientSampled :
DAS83

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.4	8.0	12.0

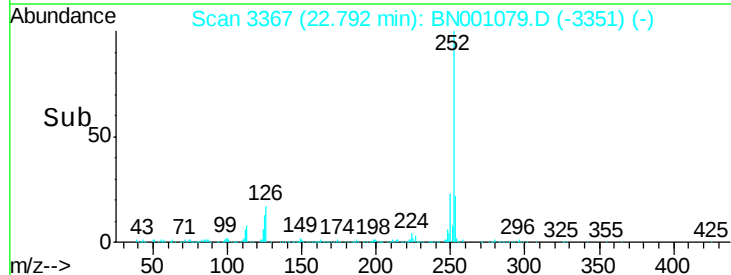
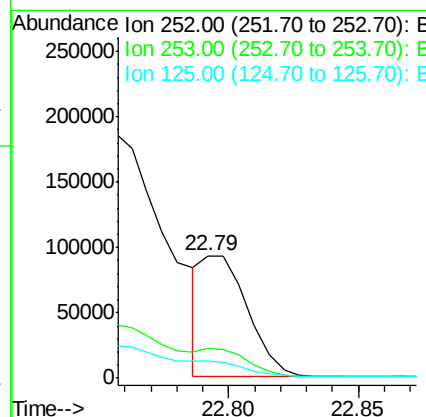
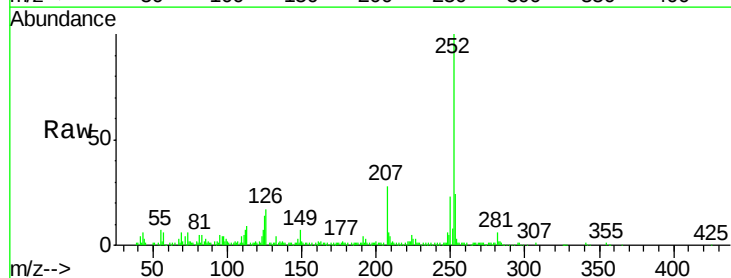
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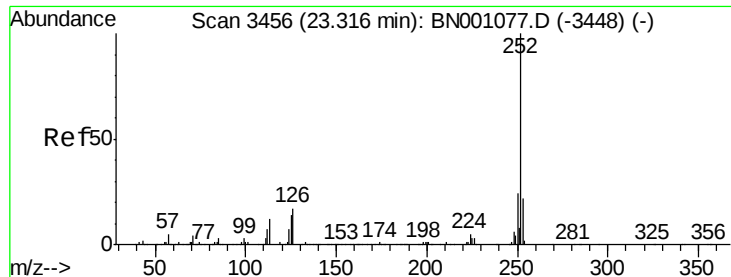
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#24
Benzo(k)fluoranthene
Concen: 4.345 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.2	8.1	12.1





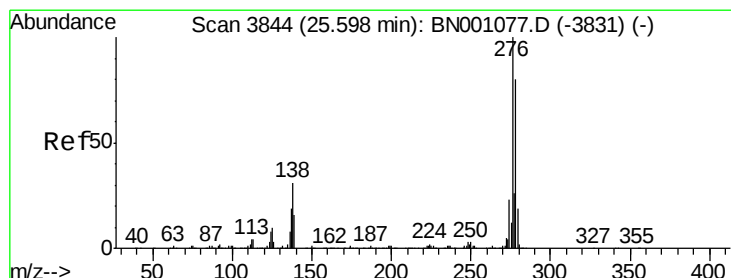
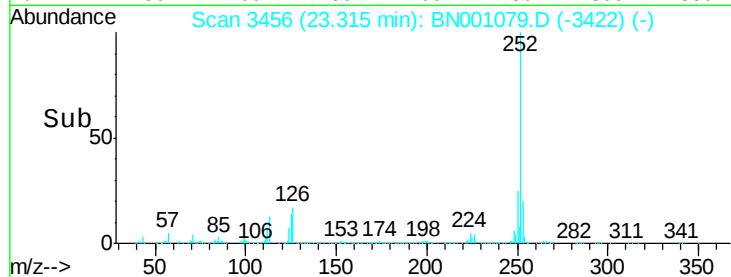
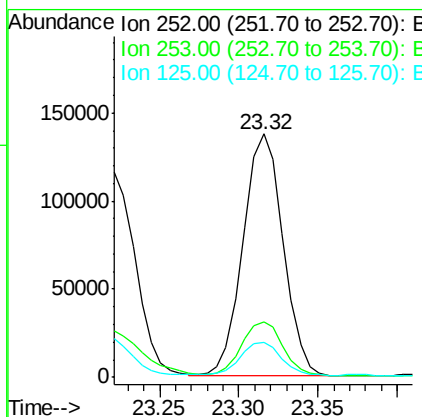
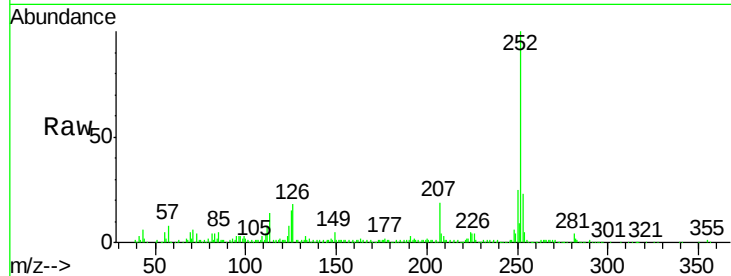
#26
Benzo(a)pyrene
Concen: 9.539 ng/u1
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Instrument :
BNA_N
ClientSampled :
DAS83

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.2	25.8
125	14.6	8.2	12.4

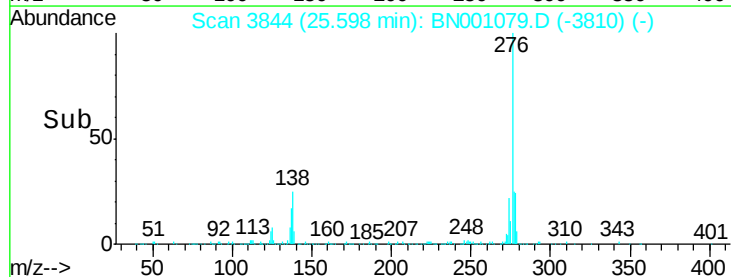
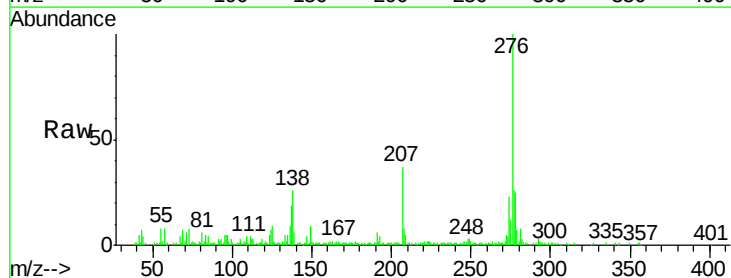
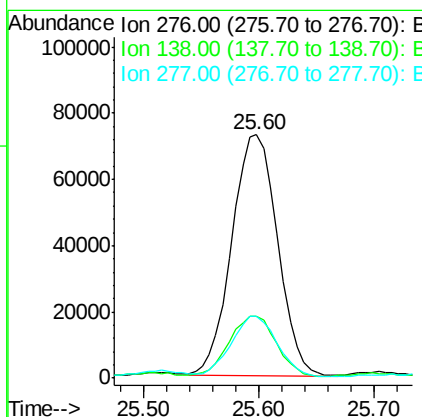
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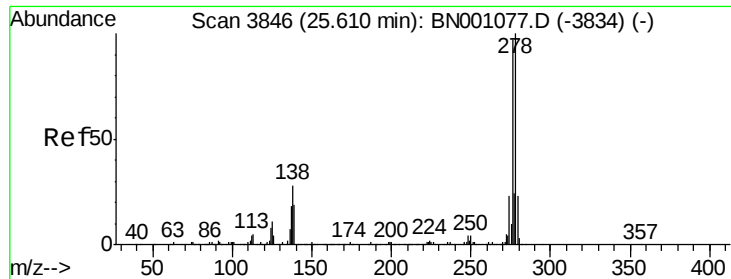
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#27
Indeno(1,2,3-cd)pyrene
Concen: 6.564 ng/u1
RT: 25.60 min Scan# 3844
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.6	14.4	21.6
277	25.5	18.0	27.0





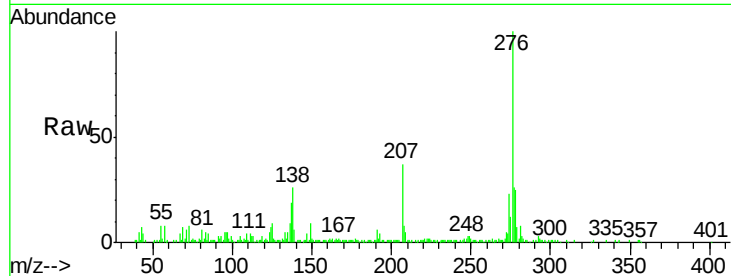
#28
Dibenzo(a,h)anthracene
Concen: 2.249 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Instrument :
BNA_N
ClientSampled :
DAS83

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.1	12.2	18.4#
279	27.5	19.2	28.8

Manual Integrations
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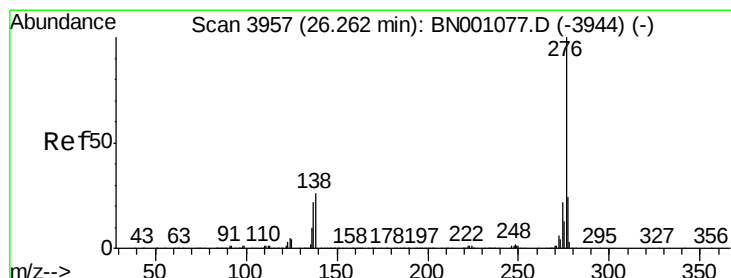
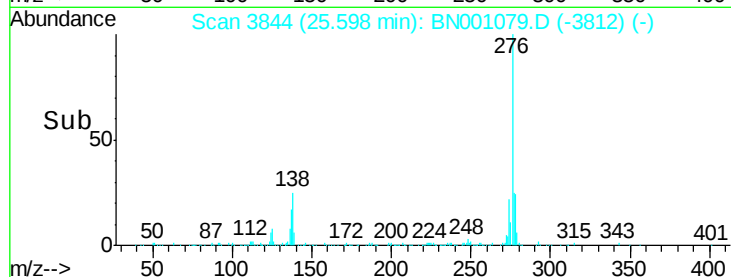
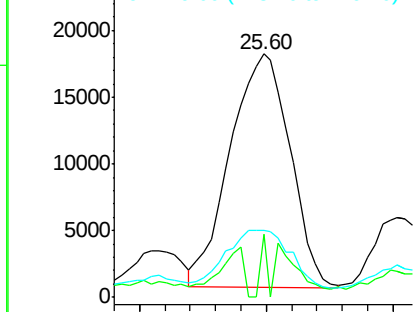


Abundance

Ion 278.00 (277.70 to 278.70): E

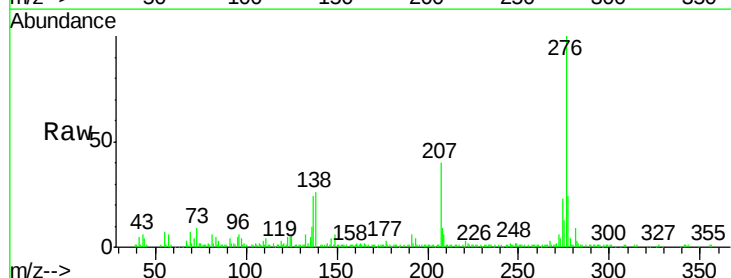
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29
Benzo(g,h,i)perylene
Concen: 7.806 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.00 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	24.4	19.0	28.4



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

