

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Manual Integrations
 APPROVED

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Quant Time: Apr 26 08:30:00 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	146126	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	602674	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	300270	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	614126	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	600627	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	618667	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	967459	33.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	664169	34.50	ng/ul	0.00
14) Anthracene-d10	17.10	188	978463	34.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	1027618	33.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1099171	37.61	ng/ul	-0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	136400	4.072	ng/ul	99
16) Fluoranthene	19.06	202	242123	7.125	ng/ul#	92
19) Pyrene	19.43	202	199001	5.158	ng/ul#	87
20) Benzo(a)anthracene	21.19	228	123025m	3.426	ng/ul	
21) Chrysene	21.24	228	113599m	3.366	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	169679m	4.826	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	46225m	1.344	ng/ul	
26) Benzo(a)pyrene	23.30	252	105960	3.153	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	77263	1.904	ng/ul#	86
29) Benzo(g,h,i)perylene	26.23	276	66835	1.969	ng/ul#	90

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

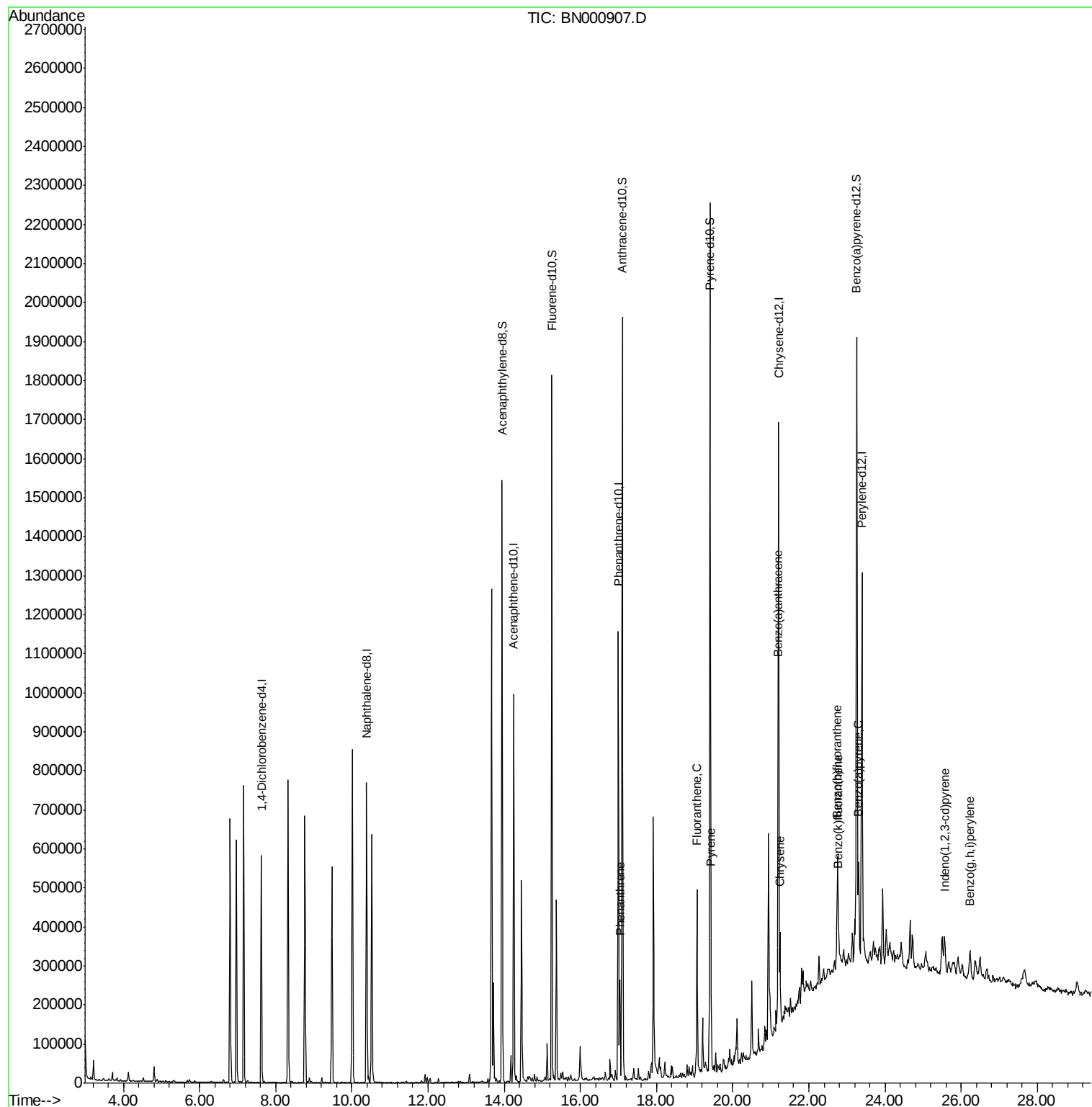
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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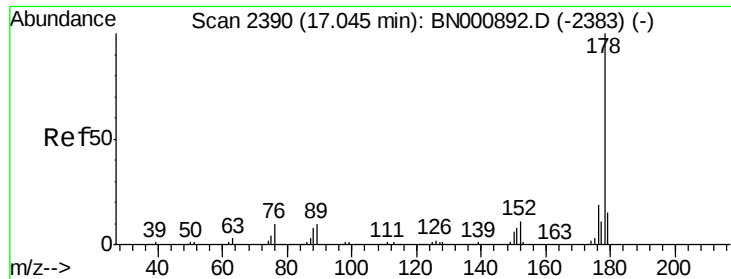
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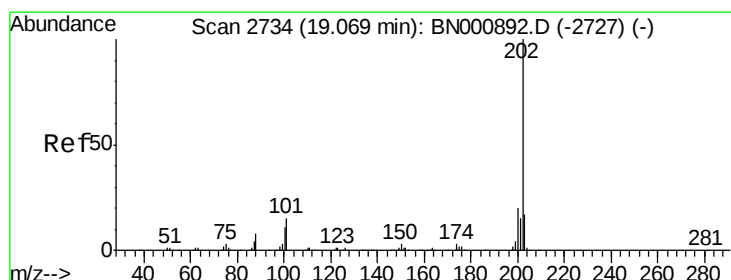
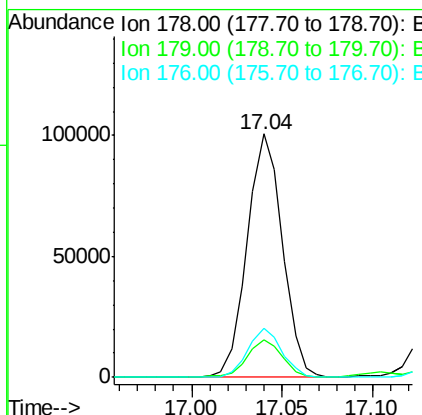
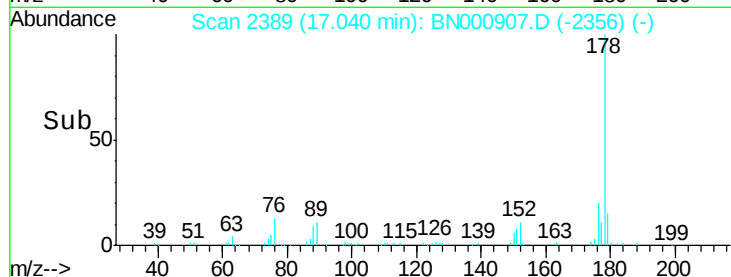
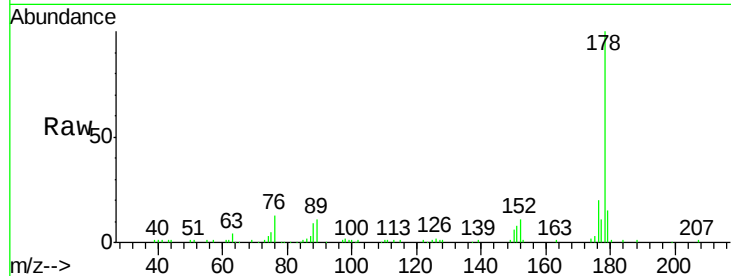
#13
Phenanthrene
Concen: 4.072 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Instrument :
BNA_N
ClientSampled :
DAS45

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	20.0	15.1	22.7

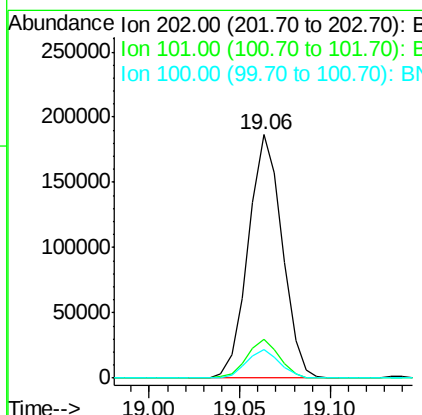
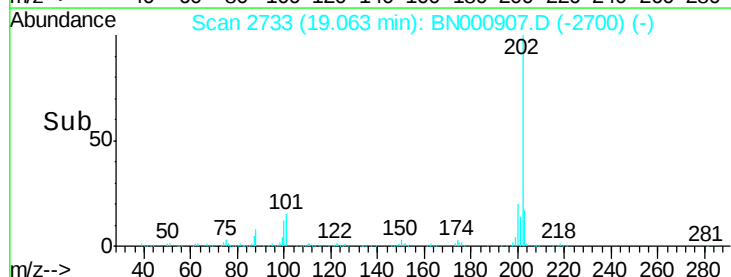
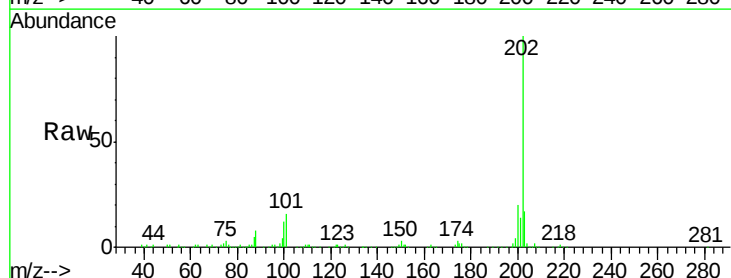
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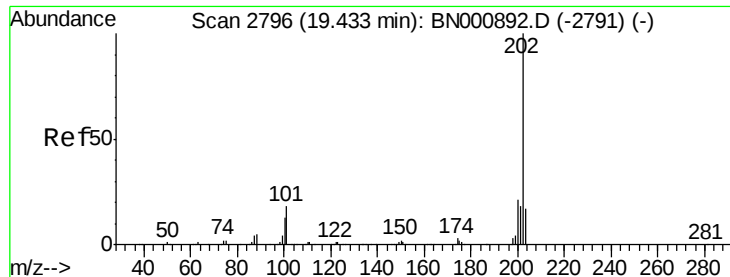
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#16
Fluoranthene
Concen: 7.125 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	11.8	7.4	11.0#





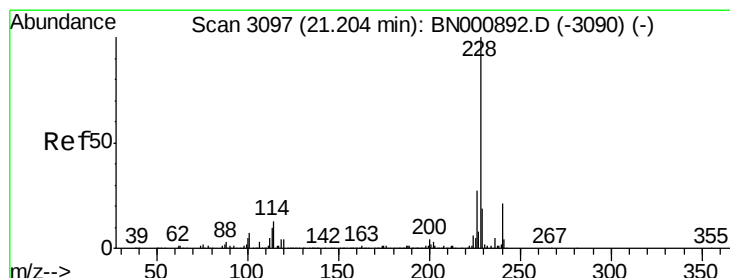
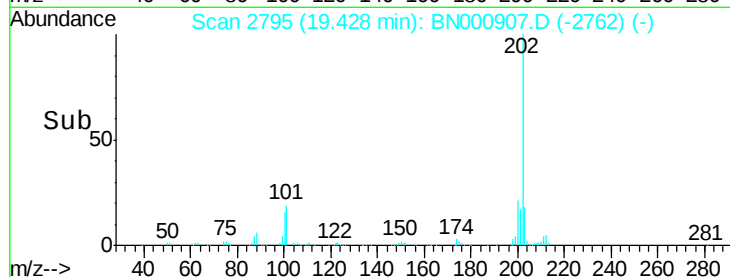
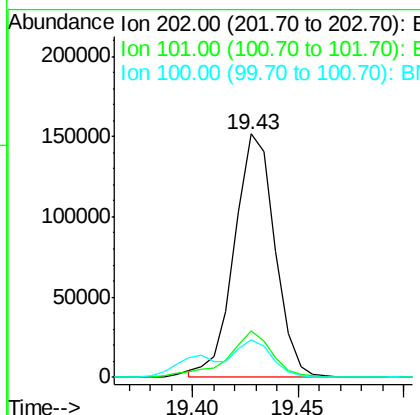
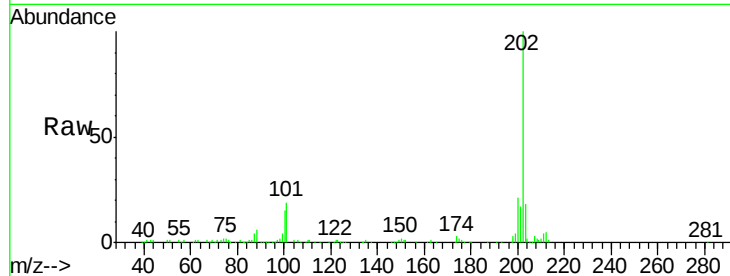
#19
Pvrene
Concen: 5.158 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Instrument :
BNA_N
ClientSampleId :
DAS45

Tot Ion	Ratio	Resp	Lower	Upper
202	100	199001		
101	18.9	11.0	16.4#	
100	15.5	8.1	12.1#	

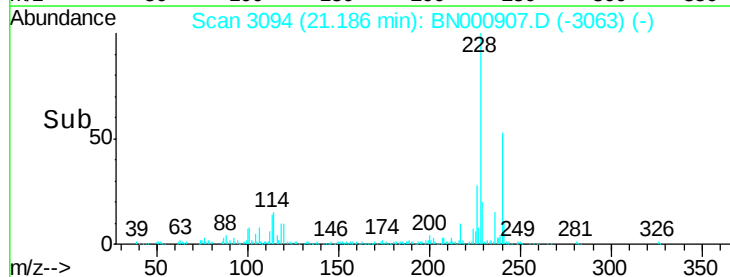
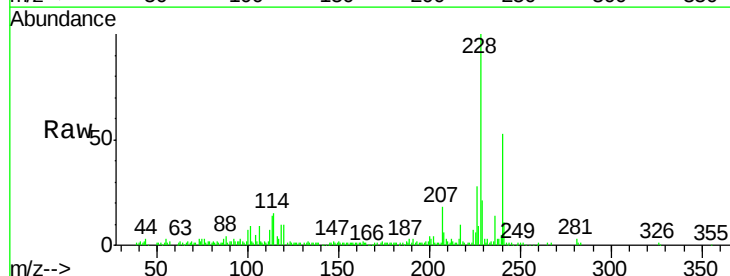
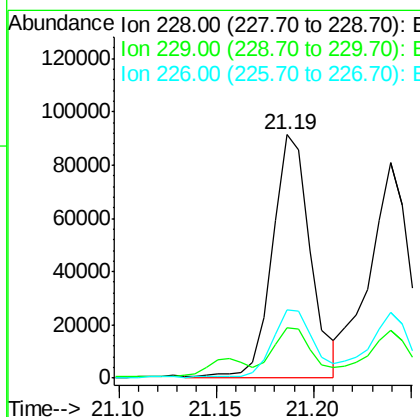
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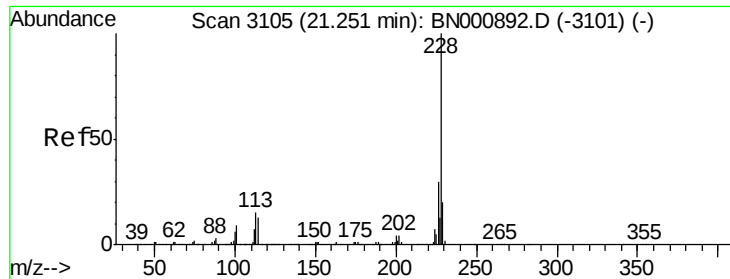
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#20
Benzo(a)anthracene
Concen: 3.426 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	123025		
229	20.6	15.7	23.5	
226	27.8	21.1	31.7	





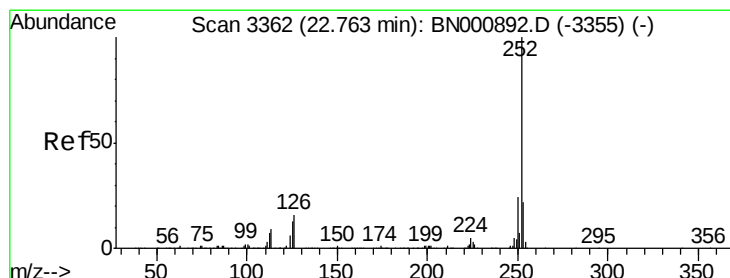
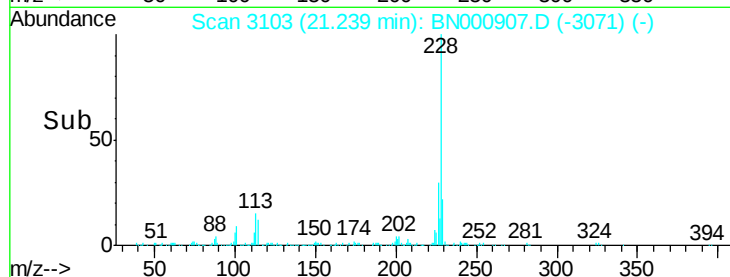
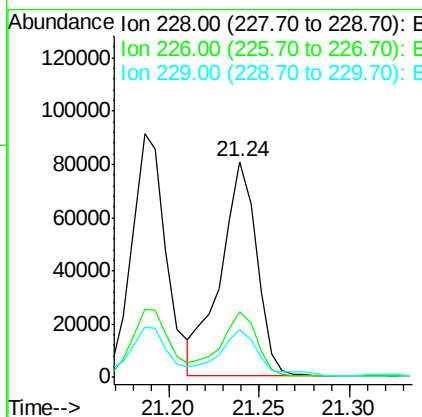
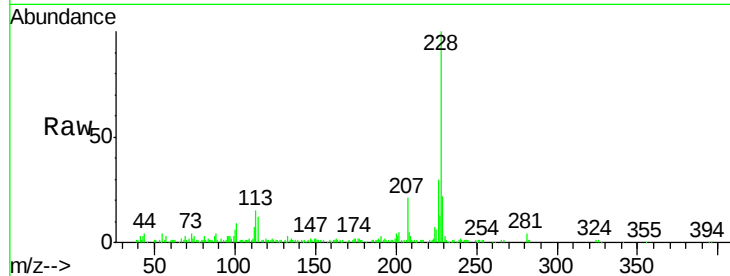
#21
Chrysene
Concen: 3.366 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Instrument :
BNA_N
ClientSampleId :
DAS45

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.3	15.8	23.8

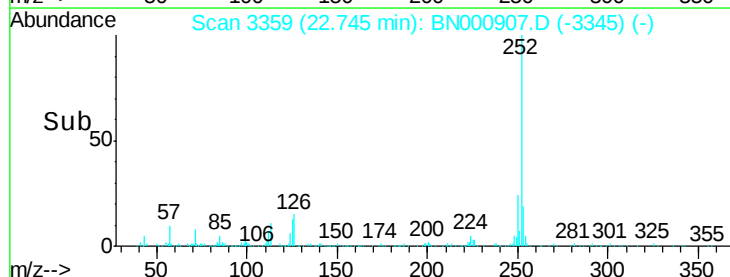
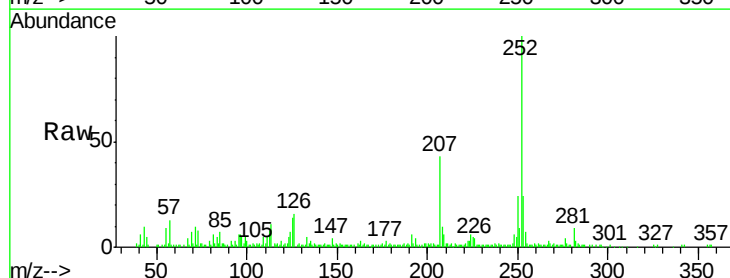
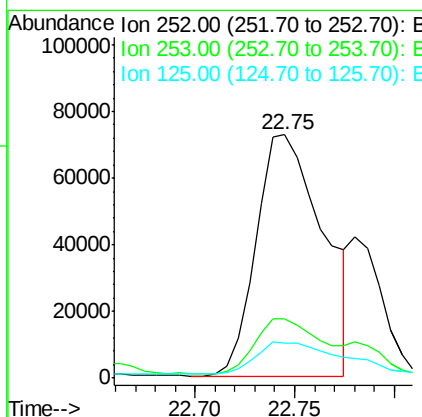
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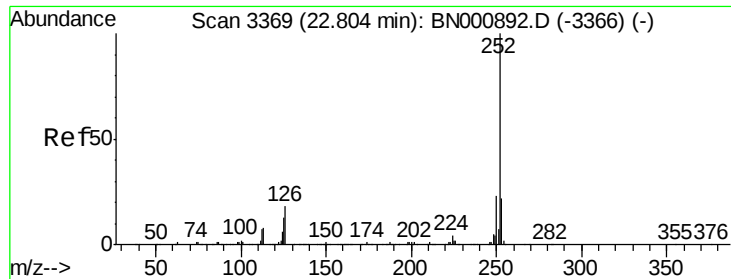
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#23
Benzo(b)fluoranthene
Concen: 4.826 ng/ul m
RT: 22.75 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.4	8.0	12.0





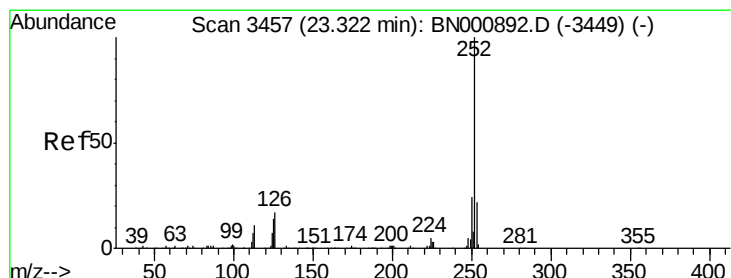
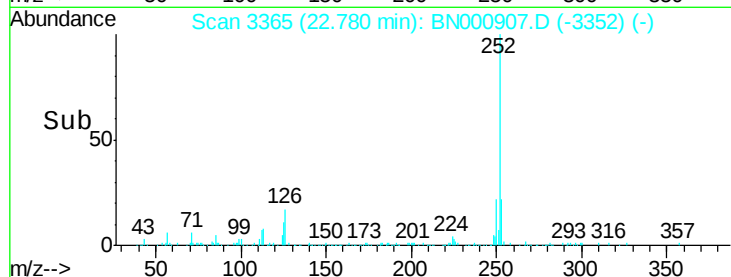
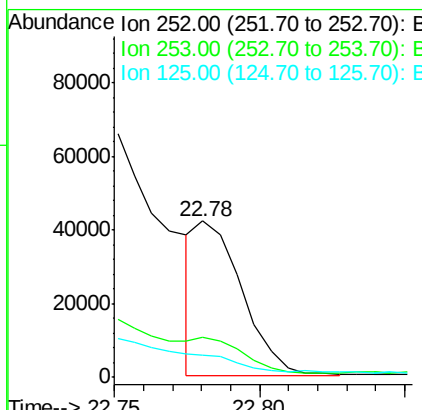
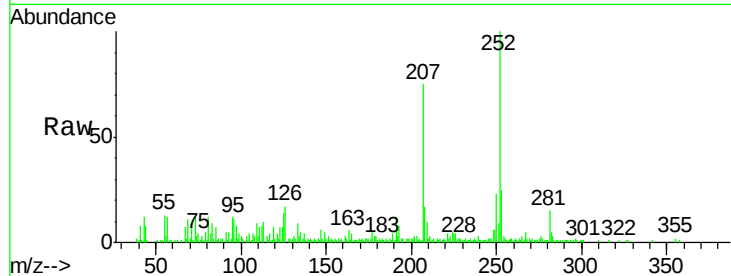
#24
Benzo(k)fluoranthene
Concen: 1.344 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Instrument :
BNA_N
ClientSampled :
DAS45

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	14.1	8.1	12.1

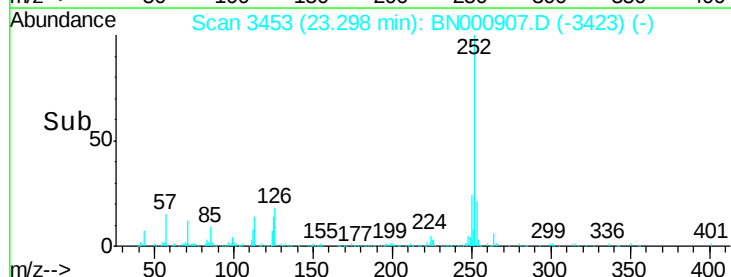
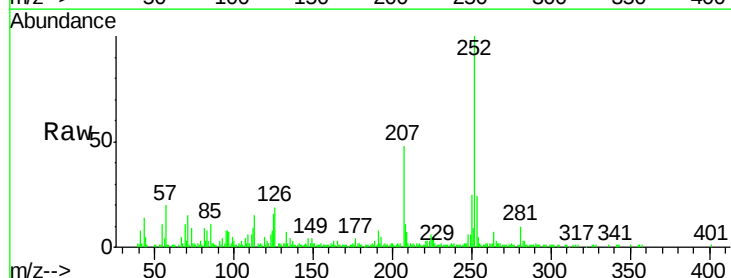
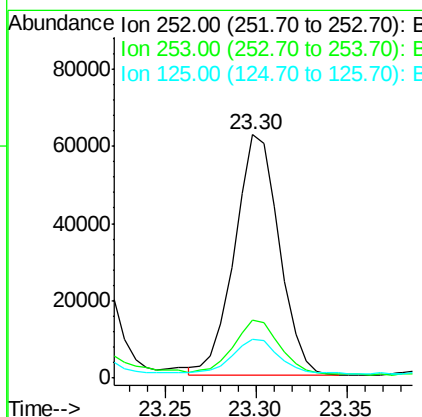
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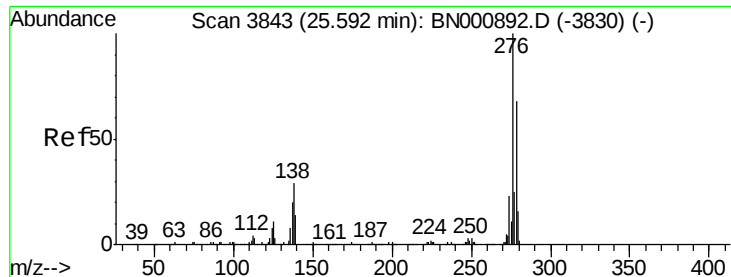
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#26
Benzo(a)pyrene
Concen: 3.153 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BN000907.D
Acq: 26 Apr 2018 00:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	15.9	8.2	12.4





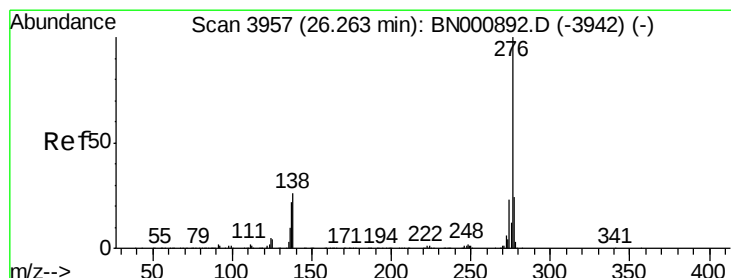
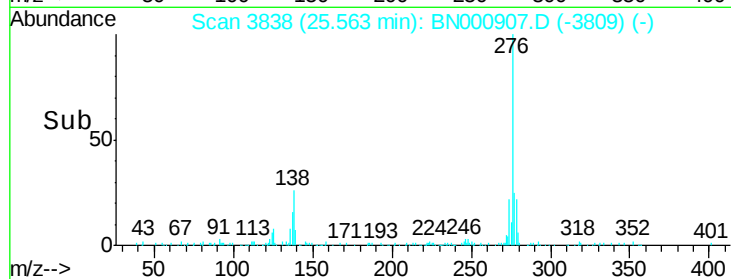
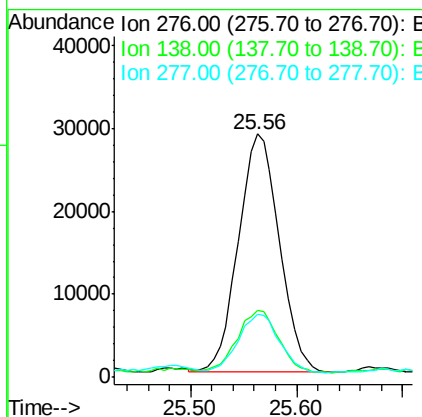
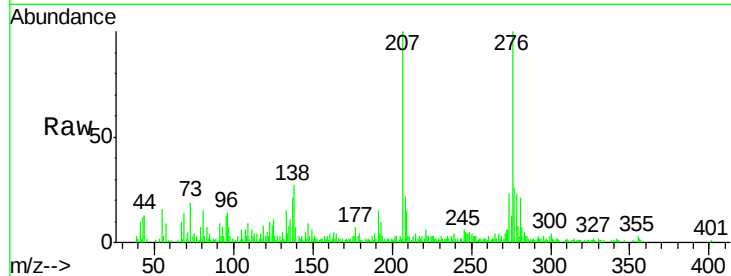
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.904 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.03 min
 Lab File: BN000907.D
 Acq: 26 Apr 2018 00:27

Instrument :
 BNA_N
 ClientSampleId :
 DAS45

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	14.4	21.6#
277	26.0	18.0	27.0

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 1.969 ng/ul
 RT: 26.23 min Scan# 3951
 Delta R.T. -0.04 min
 Lab File: BN000907.D
 Acq: 26 Apr 2018 00:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	15.3	22.9#
277	24.0	19.0	28.4

