

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000361.D
 Acq On : 13 Mar 2018 22:10
 Operator : JU/SJ
 Sample : J1843-07DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM66DL

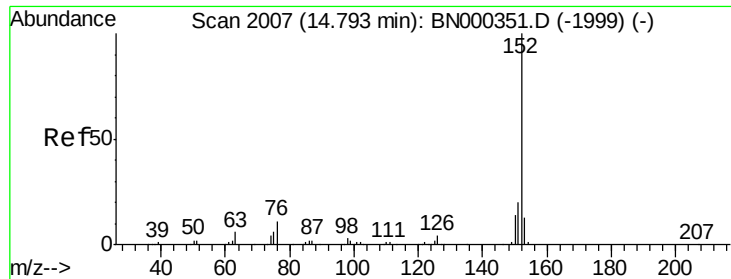
Manual Integrations
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Quant Time: Mar 14 08:48:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	170957	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	827852	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	479136	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1100132	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1094342	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1068695	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	889006	18.69	ng/ul	0.00
10) Fluorene-d10	16.05	176	596138	18.51	ng/ul	0.00
14) Anthracene-d10	17.88	188	964964	18.77	ng/ul	0.00
18) Pyrene-d10	20.14	212	1094304	20.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	915716	18.76	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	816660	17.089	ng/ul	98
11) Fluorene	16.10	166	42100	1.148	ng/ul	99
13) Phenanthrene	17.83	178	969875	15.372	ng/ul	100
15) Anthracene	17.92	178	787895	12.307	ng/ul	99
16) Fluoranthene	19.81	202	4650339	68.218	ng/ul#	92
19) Pyrene	20.17	202	4089993	59.196	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	2957205	43.467	ng/ul	95
21) Chrysene	21.95	228	2420303	37.488	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	2917220m	45.777	ng/ul	
24) Benzo(k)fluoranthene	23.68	252	1078734m	18.084	ng/ul	
26) Benzo(a)pyrene	24.29	252	2042441	33.675	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	1145261	17.513	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.96	278	343861	6.415	ng/ul#	81
29) Benzo(a,h,i)perylene	27.76	276	883372	16.178	ng/ul#	88

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



#8

Acenaphthylene

Concen: 17.089 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000361.D

Acq: 13 Mar 2018 22:10

Instrument :

BNA_N

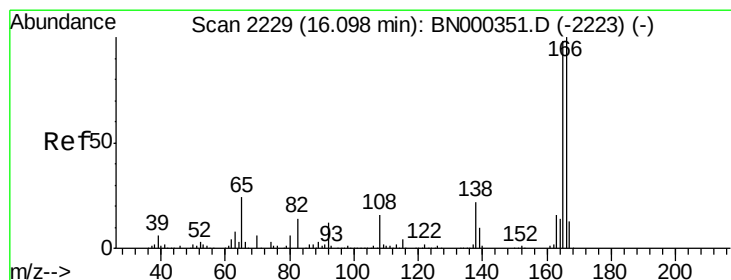
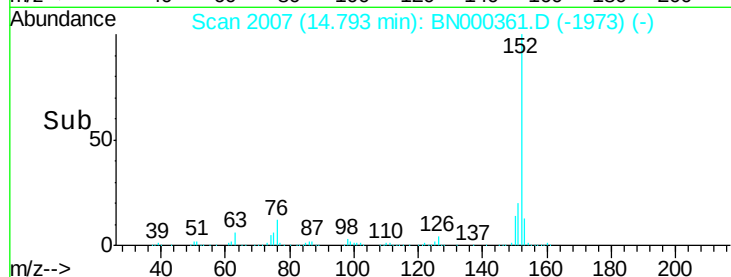
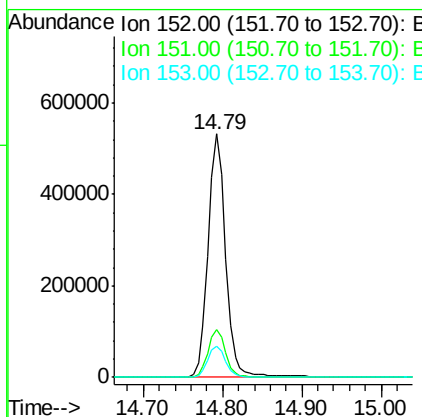
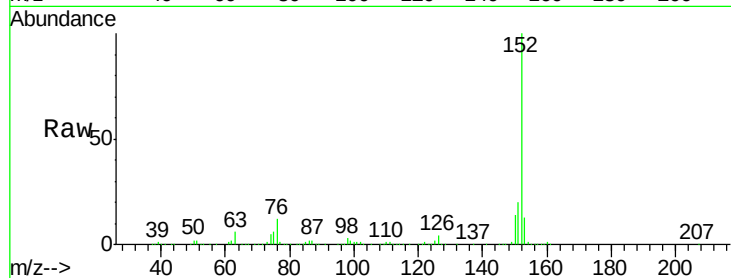
ClientSampleId :

DAM66DL

Tot Ion:	152	Resp:	816660
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.7	25.1
153	13.0	10.2	15.4

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#11

Fluorene

Concen: 1.148 ng/ul

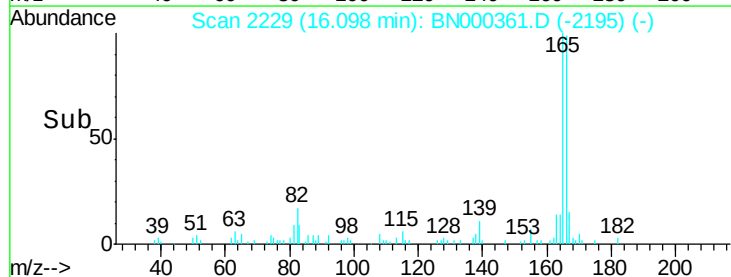
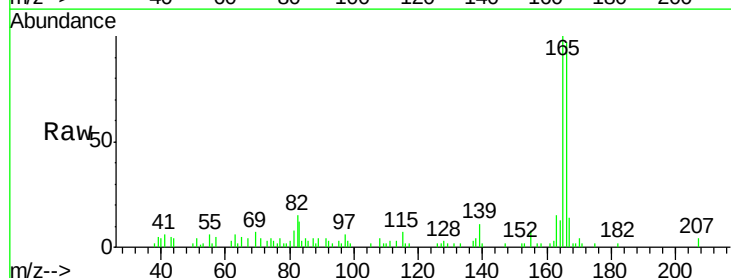
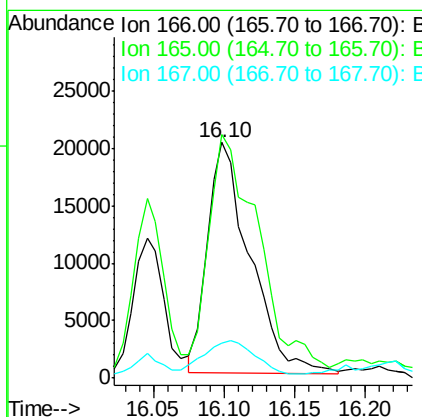
RT: 16.10 min Scan# 2229

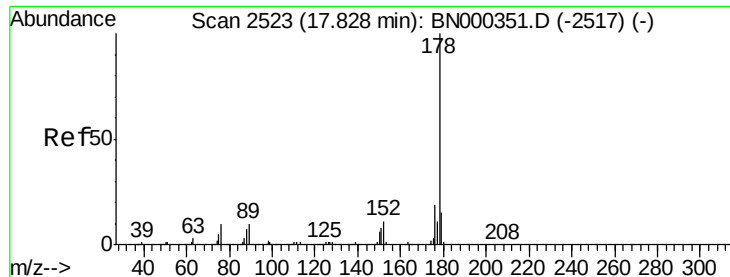
Delta R.T. -0.00 min

Lab File: BN000361.D

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Tgt Ion:	166	Resp:	42100
Ion Ratio	Lower	Upper	
166	100		
165	103.4	83.8	125.8
167	14.6	11.5	17.3





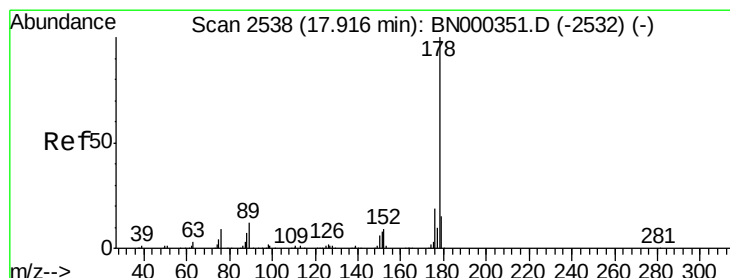
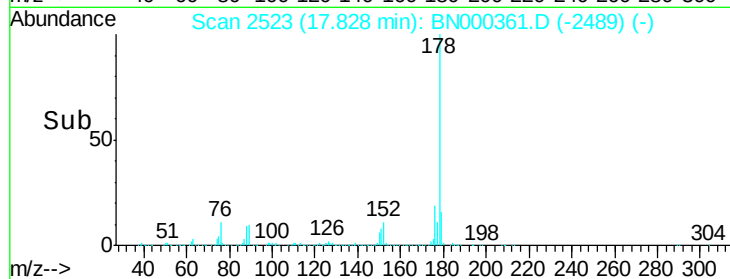
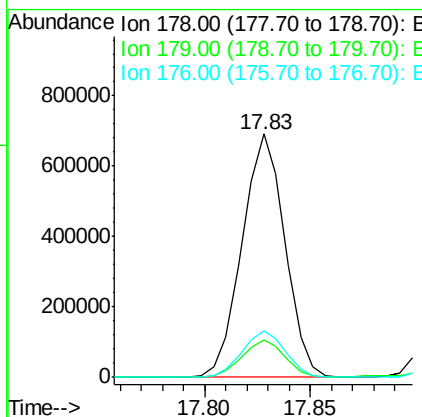
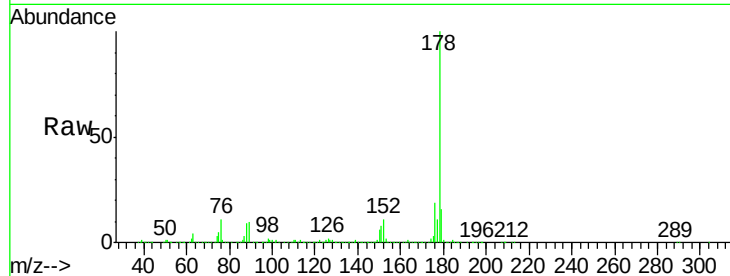
#13
Phenanthrene
Concen: 15.372 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleID :
DAM66DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.1	22.7

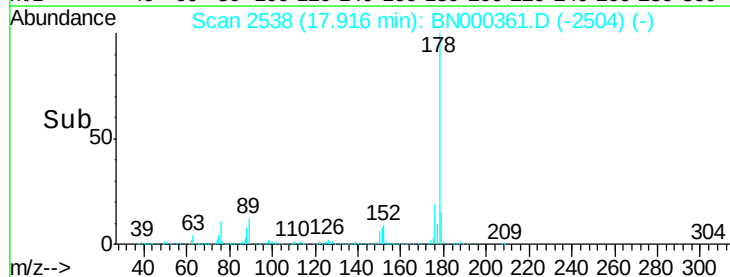
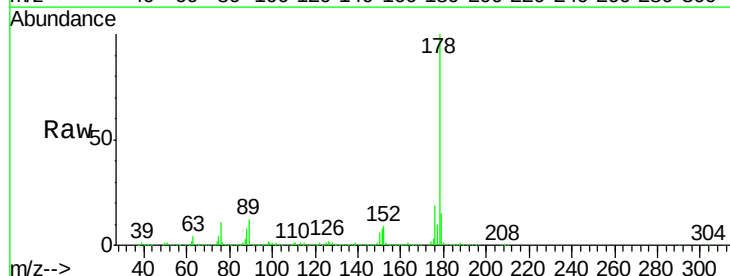
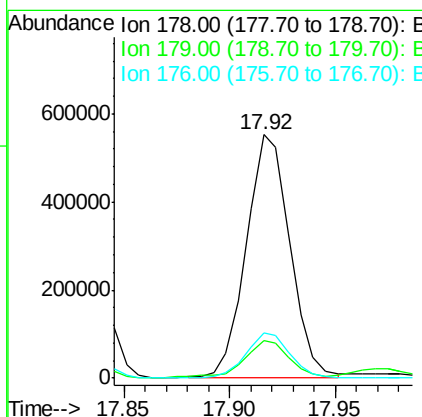
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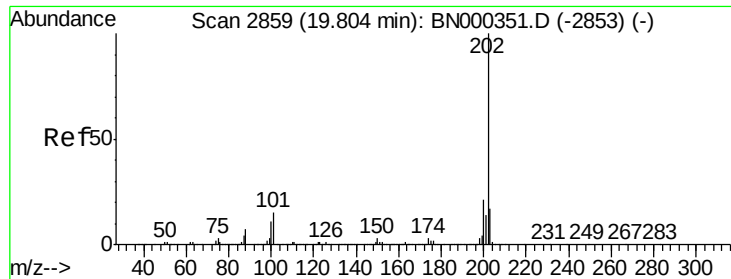
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#15
Anthracene
Concen: 12.307 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.6	15.2	22.8





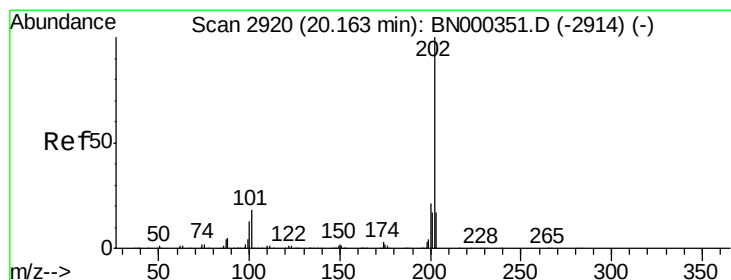
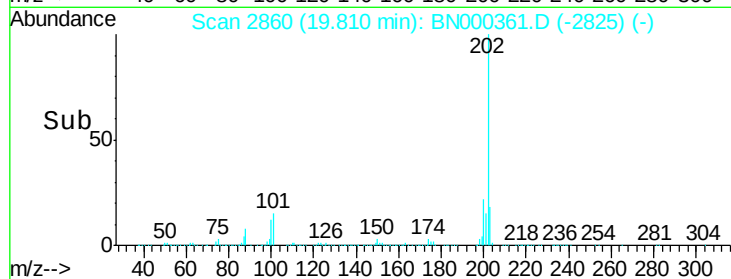
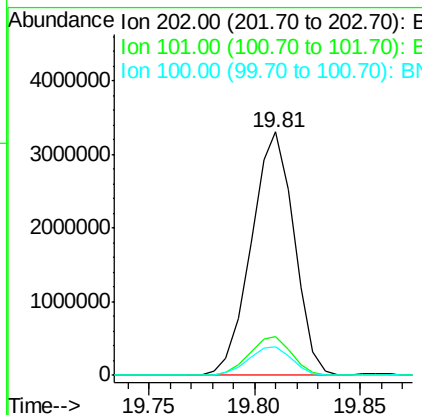
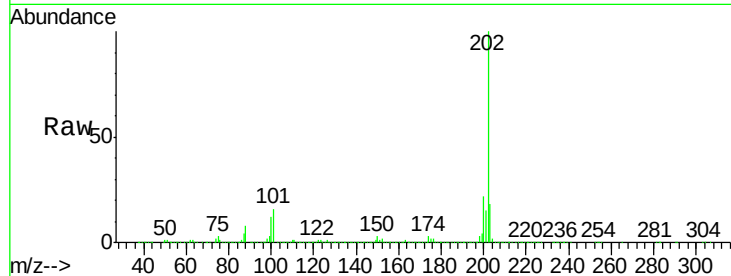
#16
 Fluoranthene
 Concen: 68.218 ng/ul
 RT: 19.81 min Scan# 2860
 Delta R.T. 0.01 min
 Lab File: BN000361.D
 Acq: 13 Mar 2018 22:10

Instrument :
 BNA_N
 ClientSampleID :
 DAM66DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	11.9	7.4	11.0#

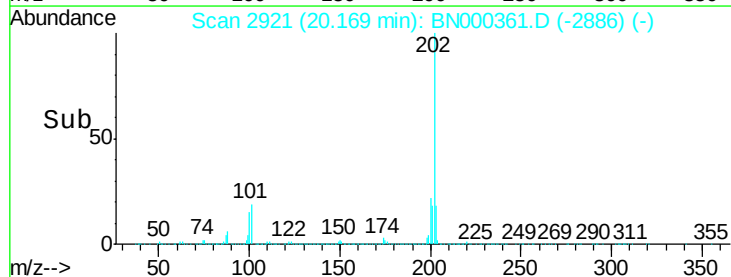
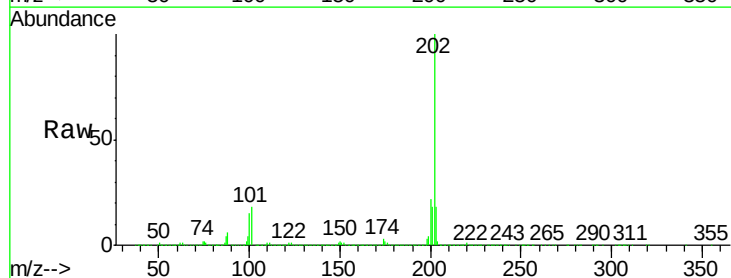
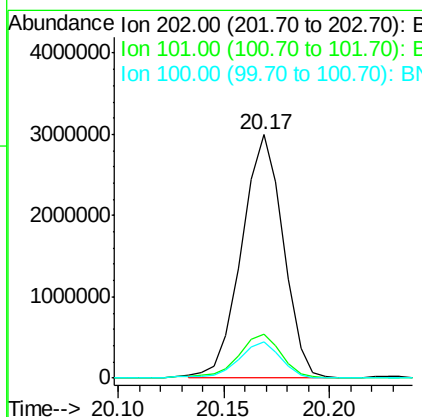
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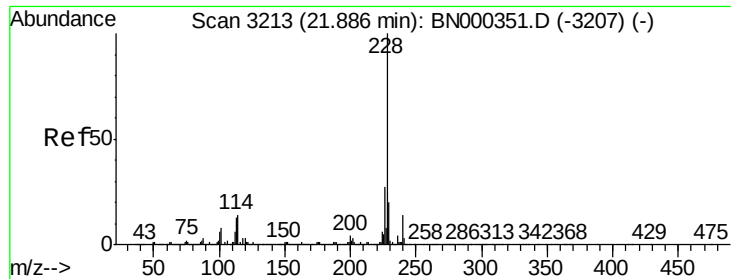
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#19
 Pyrene
 Concen: 59.196 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000361.D
 Acq: 13 Mar 2018 22:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.8	8.1	12.1#





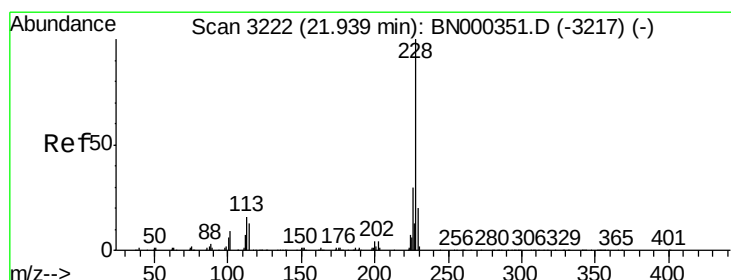
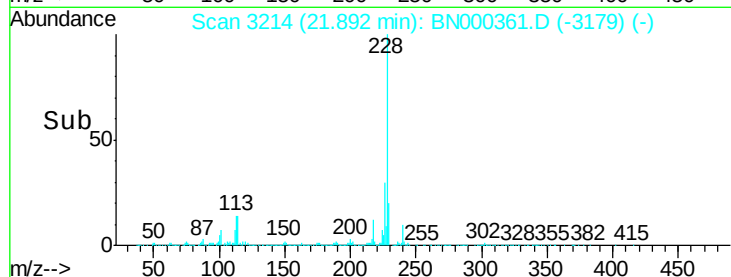
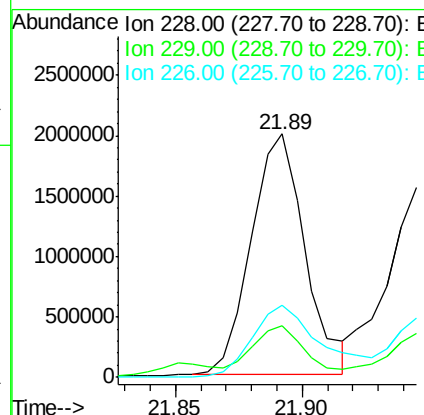
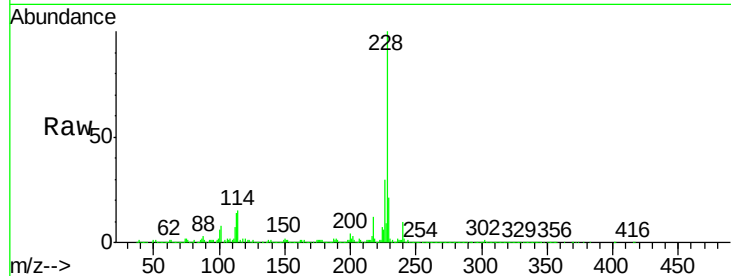
#20
Benzo(a)anthracene
Concen: 43.467 ng/ul
RT: 21.89 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampled :
DAM66DL

Tot Ion:228 Resp: 2957205
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 29.8 21.1 31.7

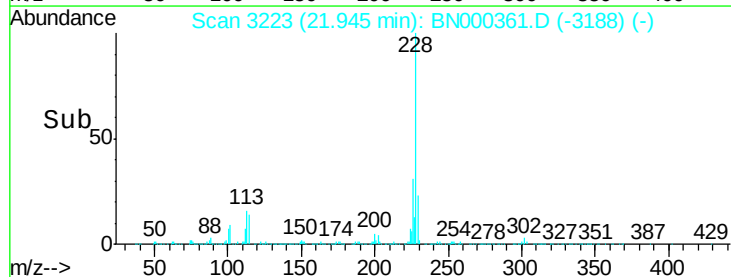
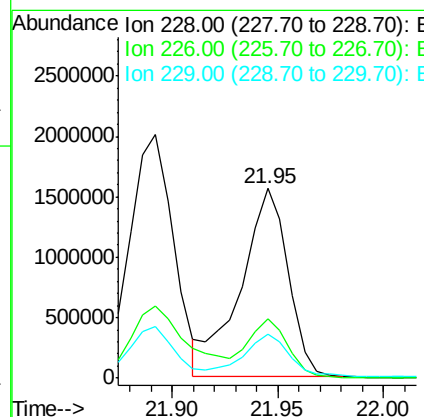
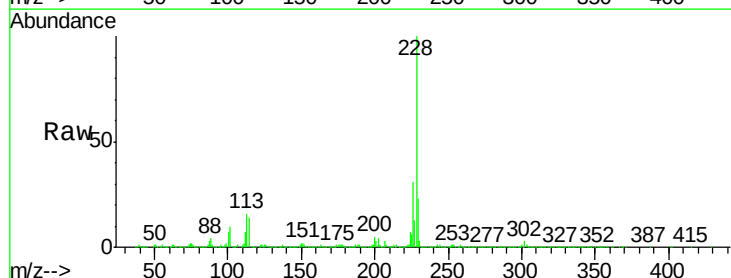
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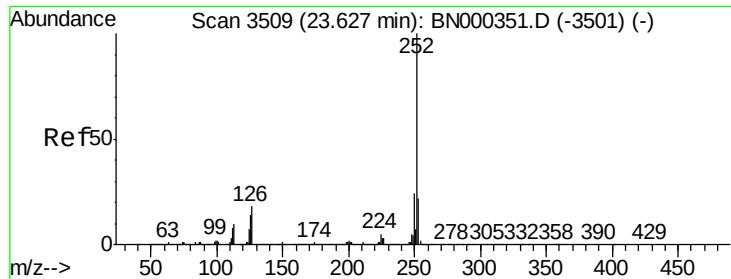
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#21
Chrysene
Concen: 37.488 ng/ul
RT: 21.95 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion:228 Resp: 2420303
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 23.0 15.8 23.8





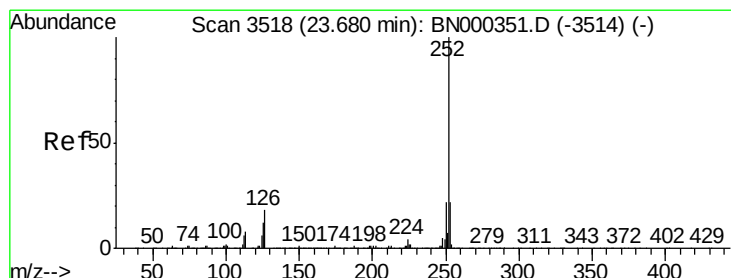
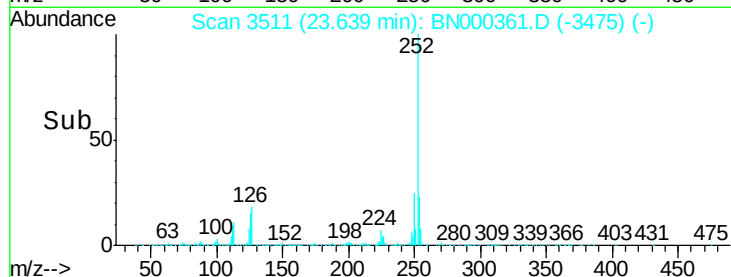
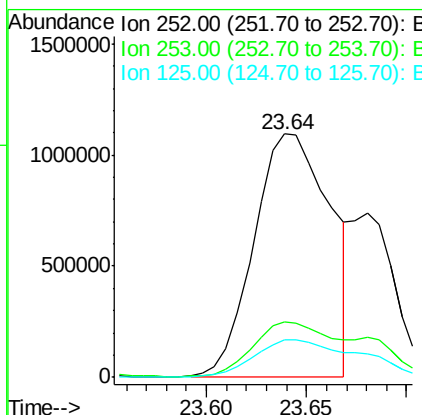
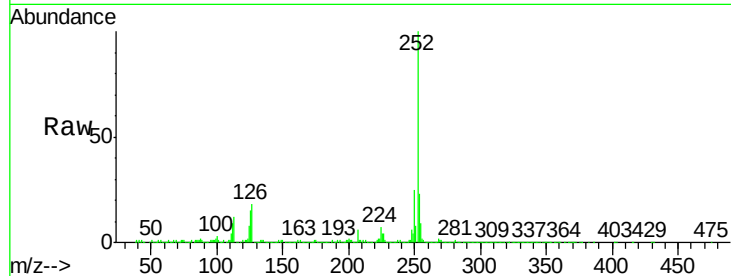
#23
Benzo(b)fluoranthene
Concen: 45.777 ng/ul m
RT: 23.64 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleID :
DAM66DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.2	8.0	12.0

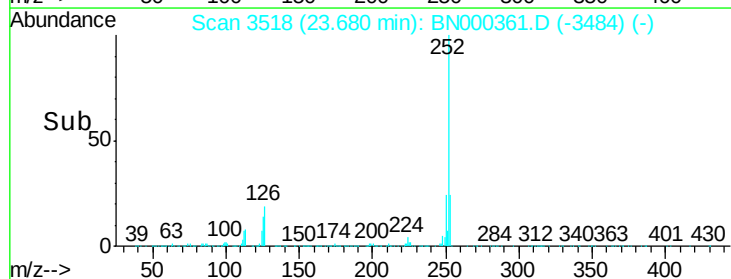
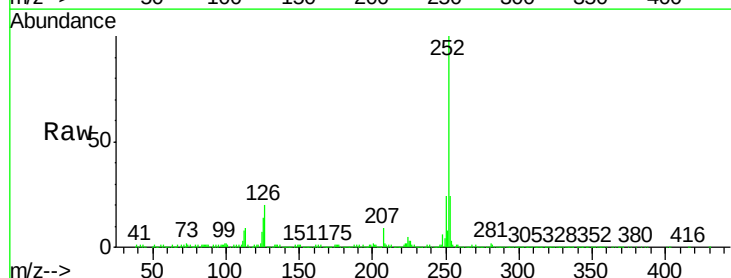
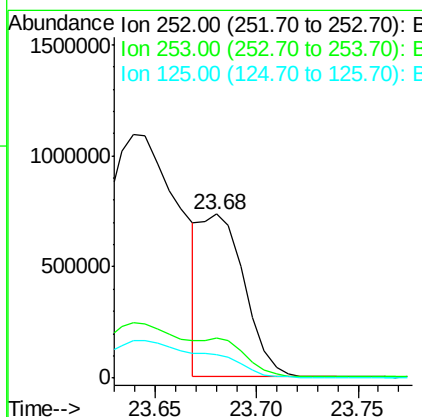
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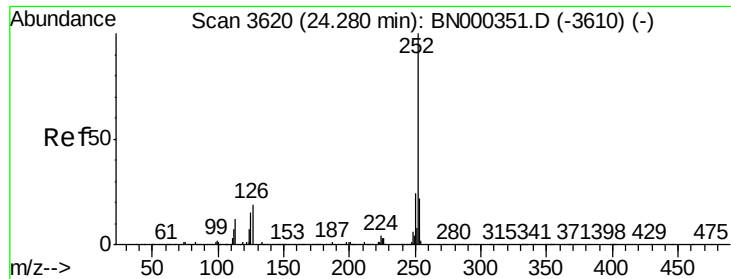
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#24
Benzo(k)fluoranthene
Concen: 18.084 ng/ul m
RT: 23.68 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	14.4	8.1	12.1





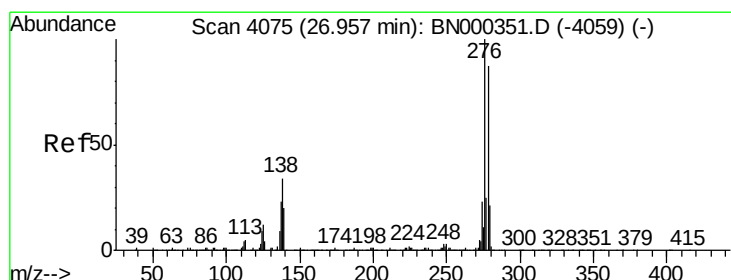
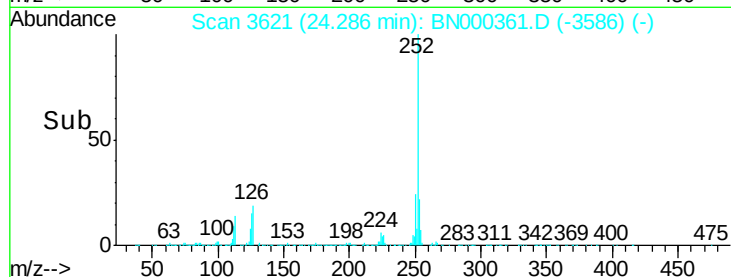
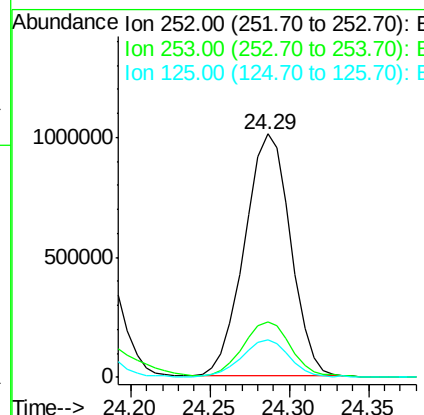
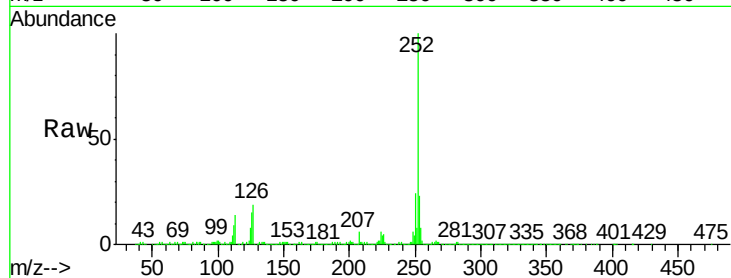
#26
Benzo(a)pyrene
Concen: 33.675 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampled :
DAM66DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.4	8.2	12.4

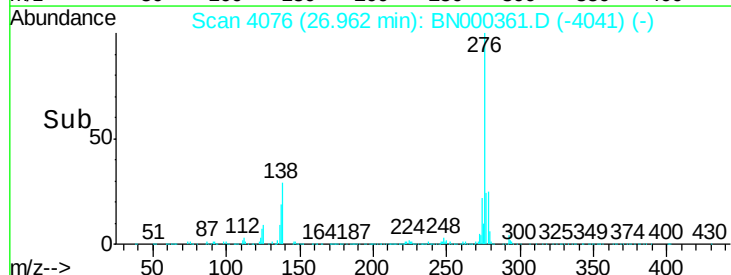
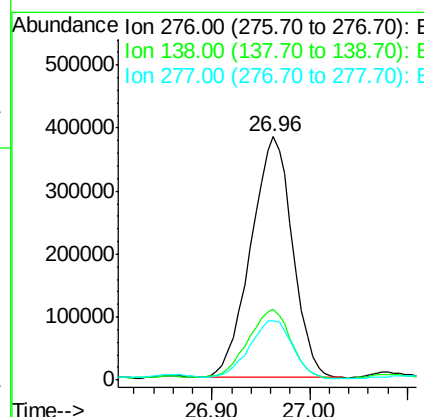
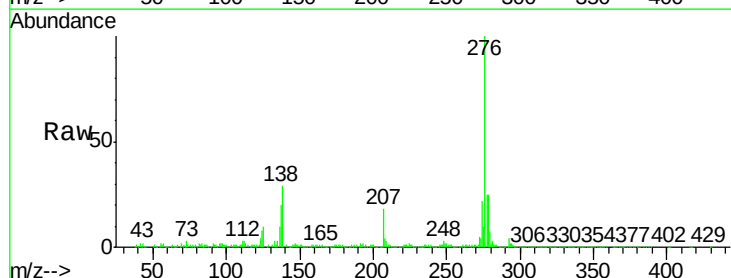
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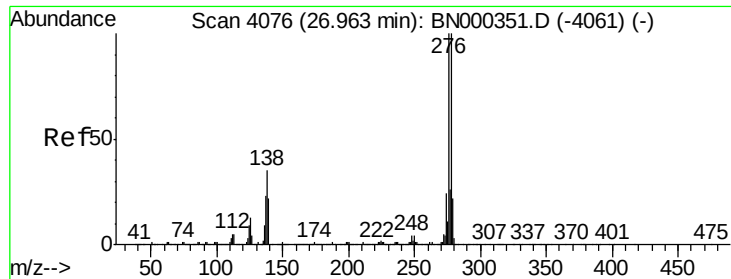
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#27
Indeno(1,2,3-cd)pyrene
Concen: 17.513 ng/ul
RT: 26.96 min Scan# 4076
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6
277	24.5	18.0	27.0





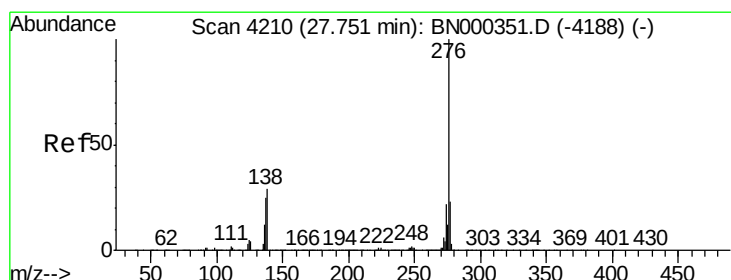
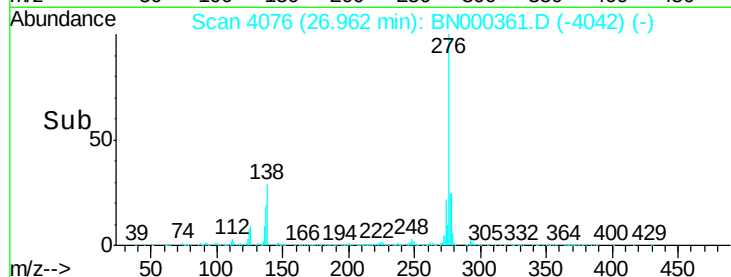
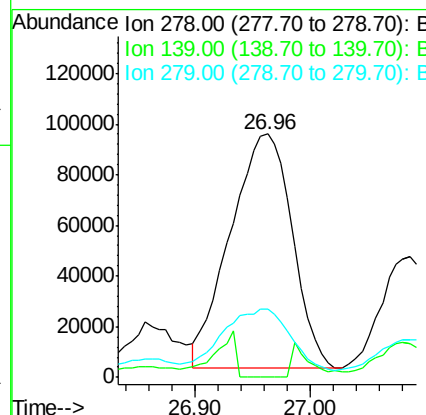
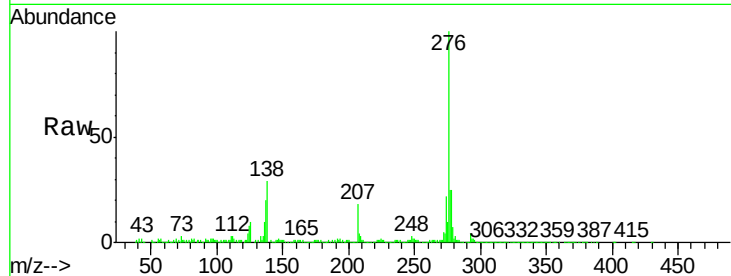
#28
Dibenzo(a,h)anthracene
Concen: 6.415 ng/ul
RT: 26.96 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Instrument :
BNA_N
ClientSampleId :
DAM66DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.2	19.2	28.8

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#29
Benzo(g,h,i)perylene
Concen: 16.178 ng/ul
RT: 27.76 min Scan# 4211
Delta R.T. 0.01 min
Lab File: BN000361.D
Acq: 13 Mar 2018 22:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	15.3	22.9#
277	25.0	19.0	28.4

