

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
 Data File : BN000304.D
 Acq On : 12 Mar 2018 11:27
 Operator : JU/SJ
 Sample : J1843-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM68

Manual Integrations
 APPROVED

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Quant Time: Mar 12 14:03:08 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	247590	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1225847	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	704912	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1502182	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1523470	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1509240	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	2145726	30.67	ng/ul	0.00
10) Fluorene-d10	16.04	176	1426660	30.11	ng/ul	0.00
14) Anthracene-d10	17.87	188	2155552	30.71	ng/ul	0.00
18) Pyrene-d10	20.13	212	2322805	31.17	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2156787	31.29	ng/ul	0.00

Target Compounds

						Qvalue
13) Phenanthrene	17.82	178	167028	1.939	ng/ul	99
16) Fluoranthene	19.80	202	355965	3.824	ng/ul	94
19) Pyrene	20.16	202	328034	3.410	ng/ul#	89
20) Benzo(a)anthracene	21.87	228	170694	1.802	ng/ul	97
21) Chrysene	21.93	228	174929	1.946	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	238448	2.650	ng/ul#	94
24) Benzo(k)fluoranthene	23.66	252	94520m	1.122	ng/ul	
26) Benzo(a)pyrene	24.26	252	157712	1.841	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.92	276	100429	1.087	ng/ul#	90
29) Benzo(g,h,i)perylene	27.70	276	86796	1.126	ng/ul#	88

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

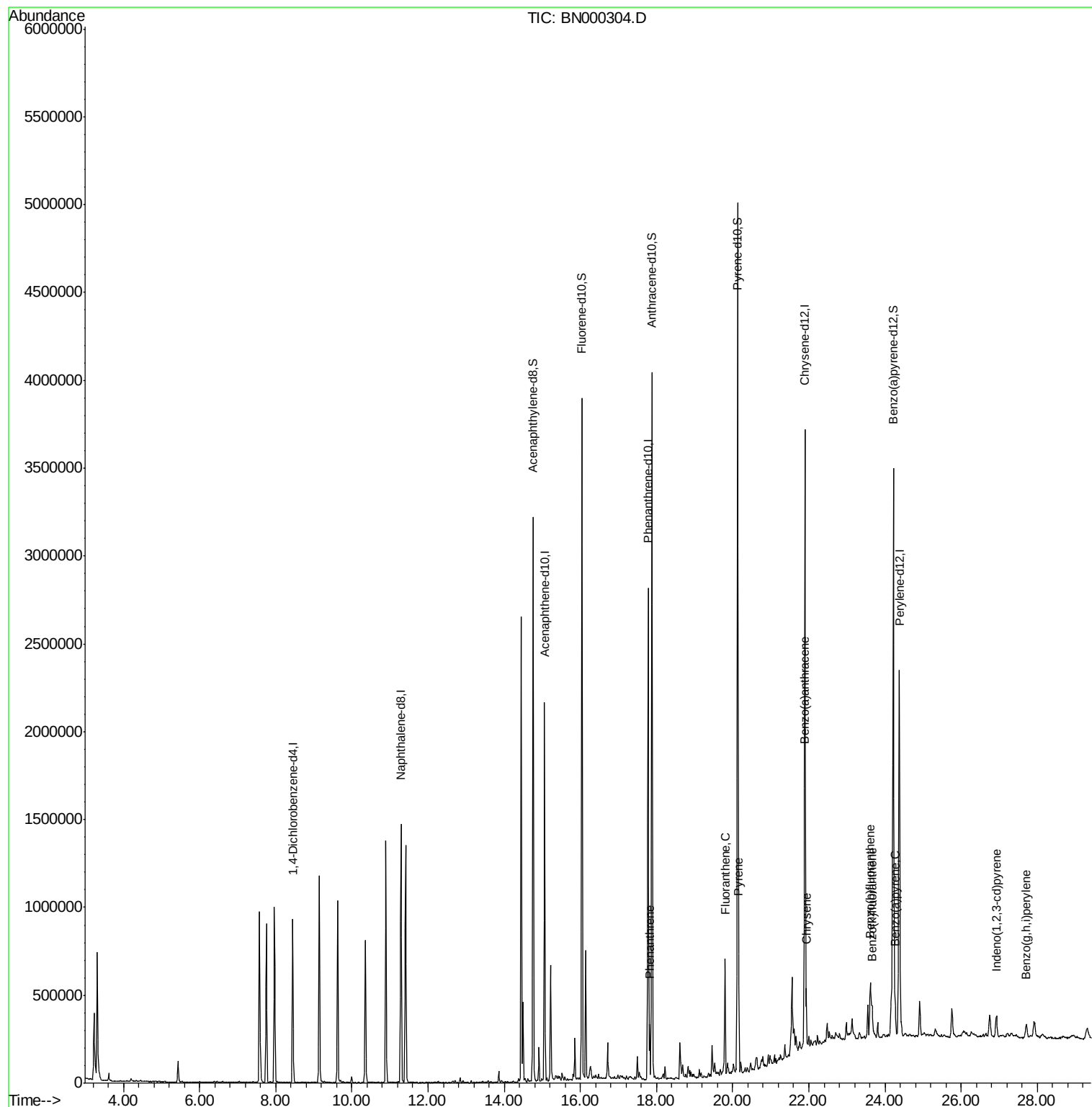
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000304.D
Acq On : 12 Mar 2018 11:27
Operator : JU/SJ
Sample : J1843-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

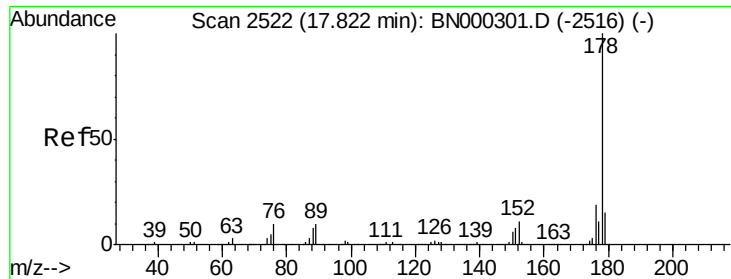
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.939 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Instrument :

BNA_N

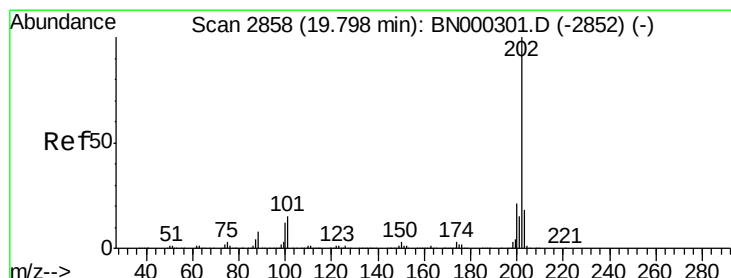
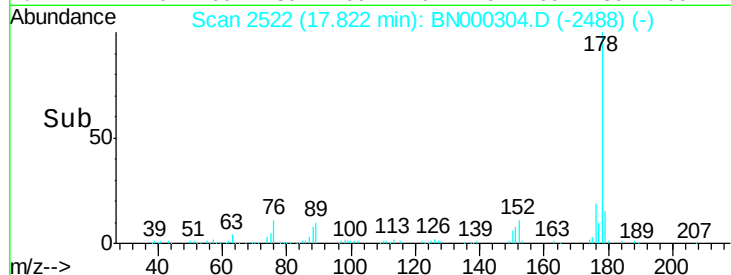
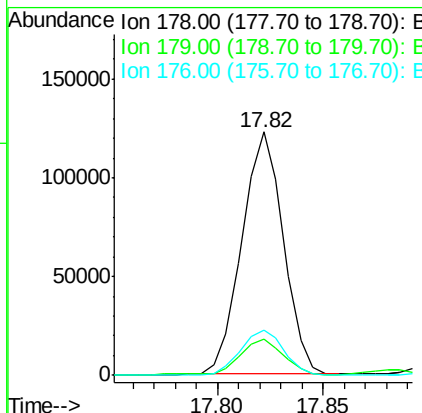
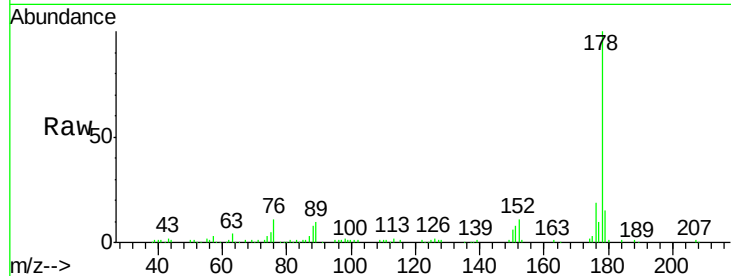
ClientSampled :

DAM68

Tgt Ion:	178	Resp:	167028
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	18.8	15.1	22.7

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#16

Fluoranthene

Concen: 3.824 ng/ul

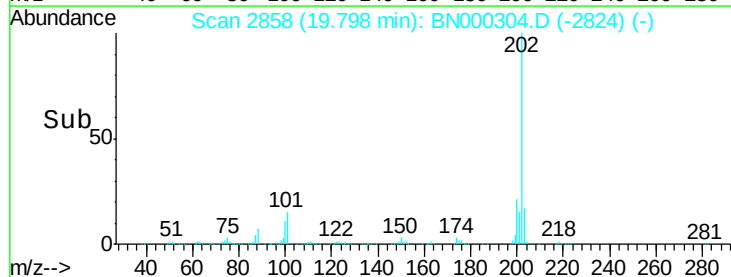
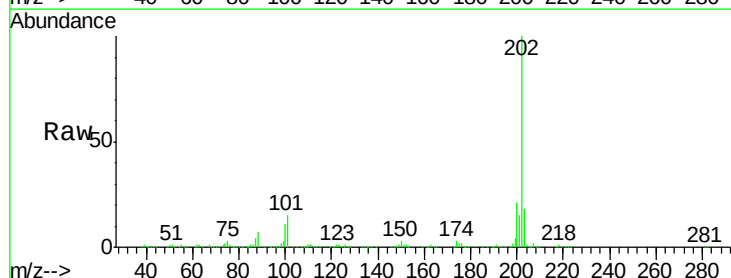
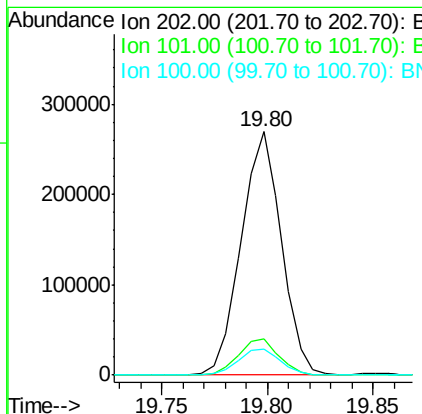
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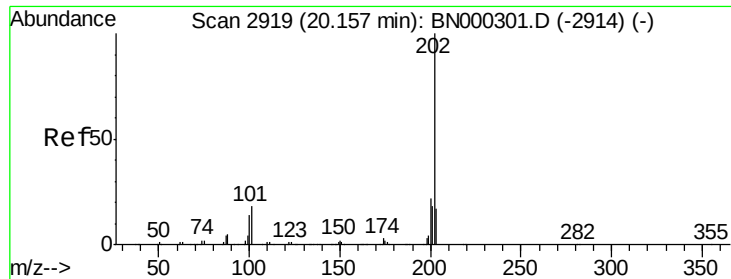
Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Tgt Ion:	202	Resp:	355965
Ion Ratio	Lower	Upper	
202	100		
101	14.8	9.9	14.9
100	10.9	7.4	11.0





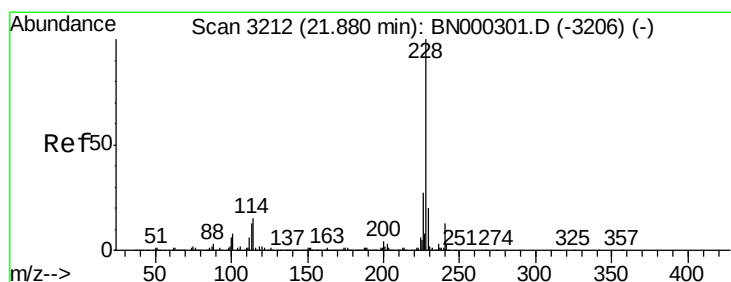
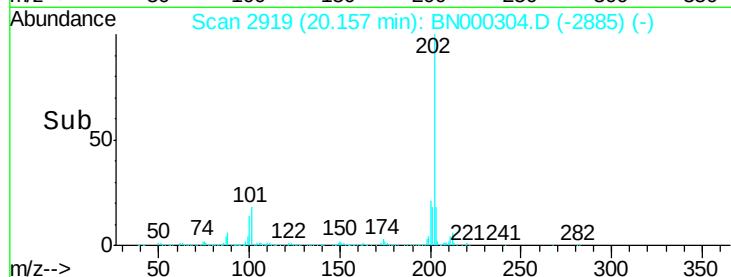
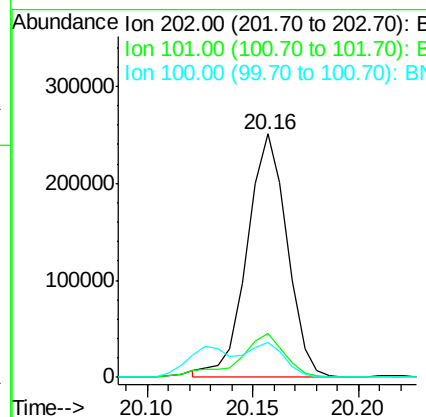
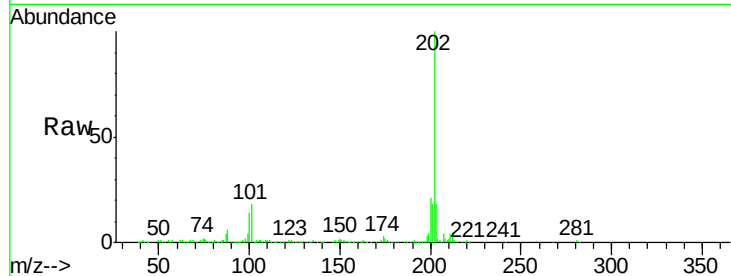
#19
Pyrene
Concen: 3.410 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000304.D
Acq: 12 Mar 2018 11:27

Instrument :
BNA_N
ClientSampleId :
DAM68

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.8	11.0	16.4#
100	14.3	8.1	12.1#

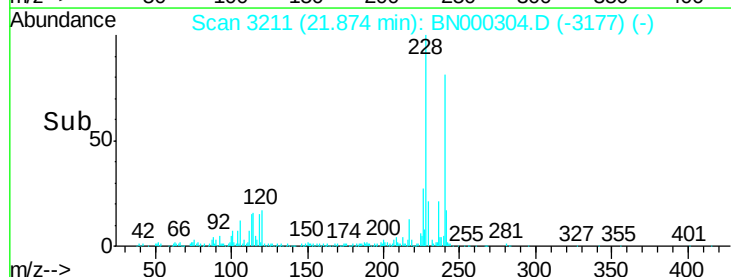
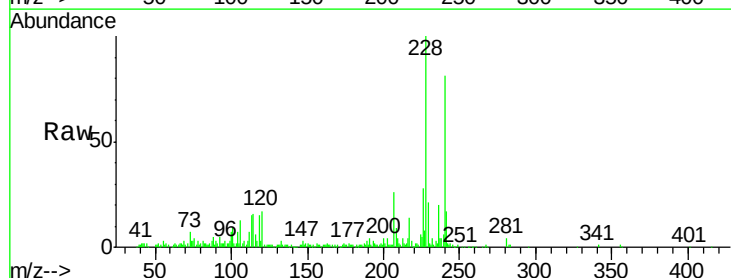
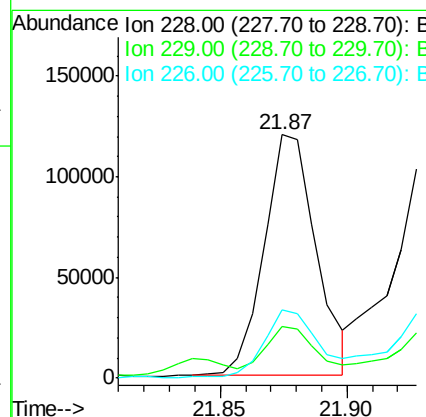
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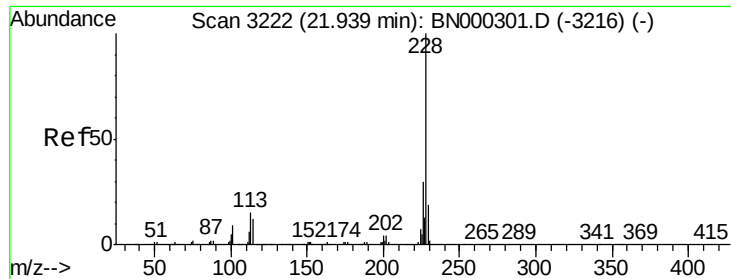
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#20
Benzo(a)anthracene
Concen: 1.802 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000304.D
Acq: 12 Mar 2018 11:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	15.7	23.5
226	27.8	21.1	31.7





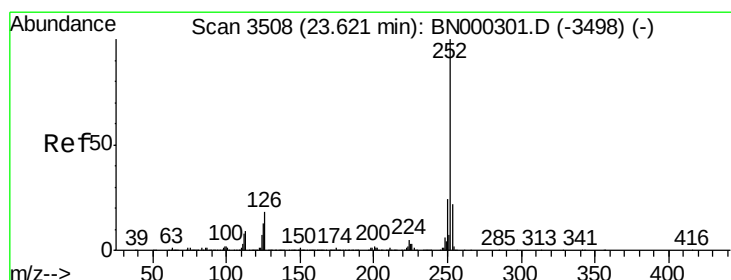
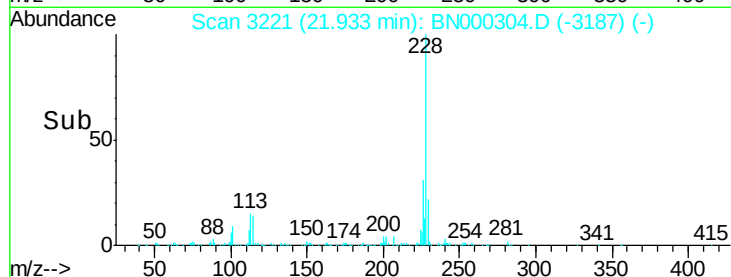
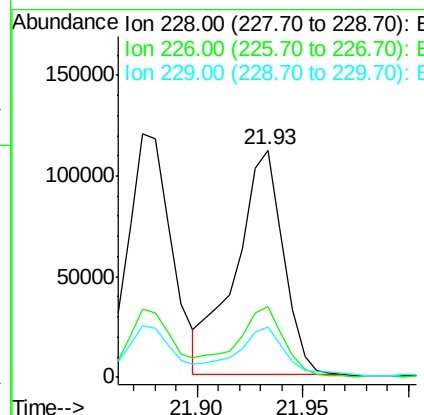
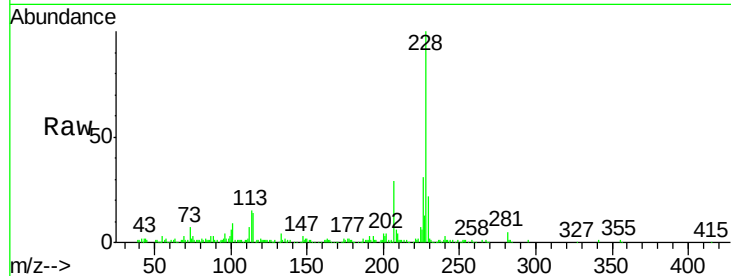
#21
Chrysene
Concen: 1.946 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000304.D
Acq: 12 Mar 2018 11:27

Instrument :
BNA_N
ClientSampleId :
DAM68

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.3	15.8	23.8

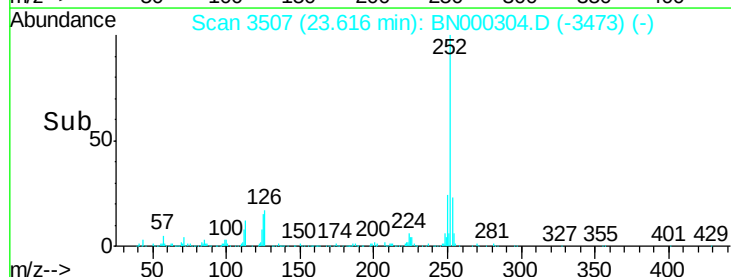
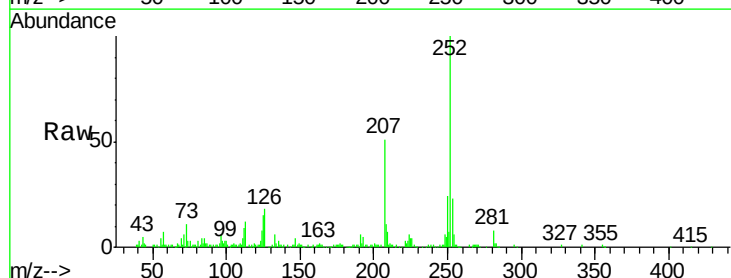
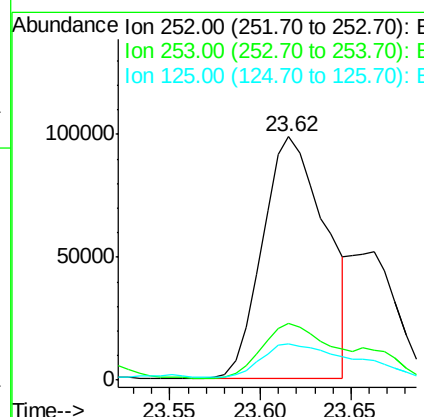
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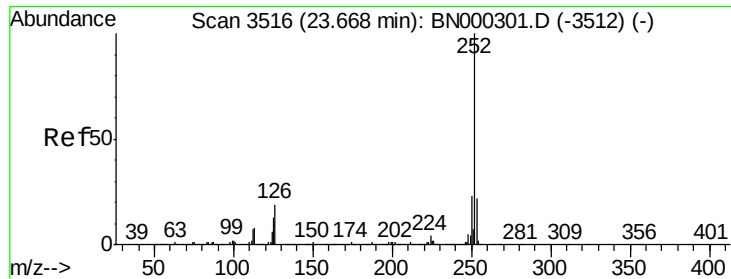
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#23
Benzo(b)fluoranthene
Concen: 2.650 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BN000304.D
Acq: 12 Mar 2018 11:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	15.1	8.0	12.0





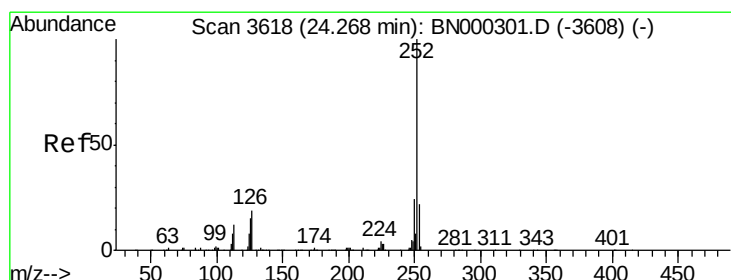
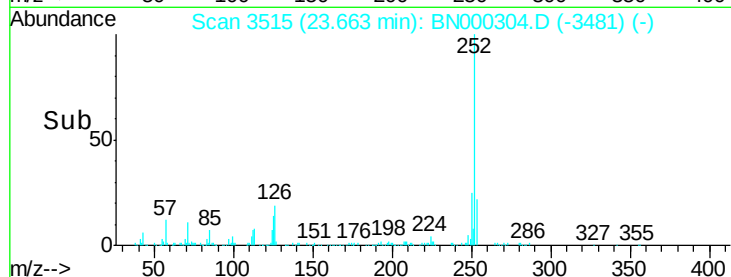
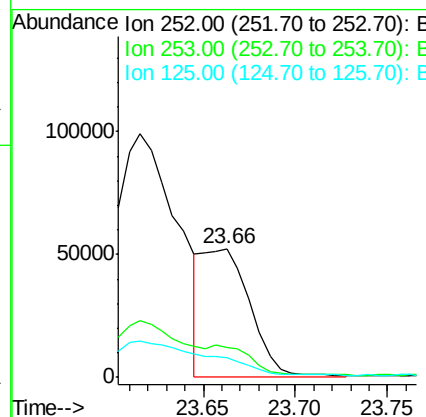
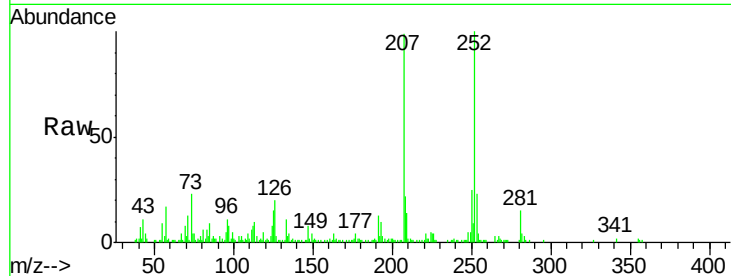
#24
Benzo(k)fluoranthene
Concen: 1.122 ng/ul m
RT: 23.66 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BN000304.D
Acq: 12 Mar 2018 11:27

Instrument :
BNA_N
ClientSampleId :
DAM68

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.1	8.1	12.1

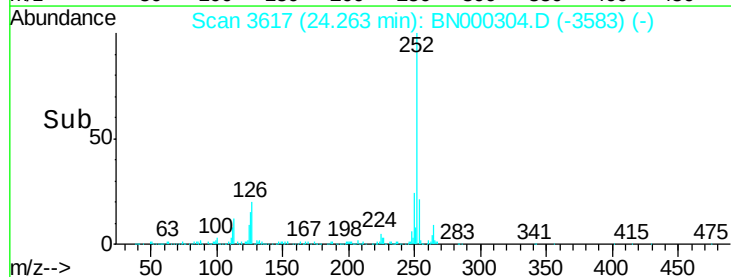
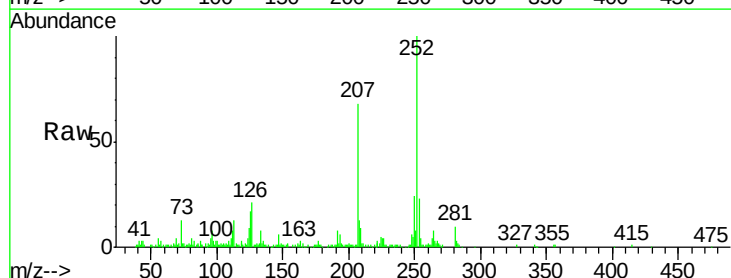
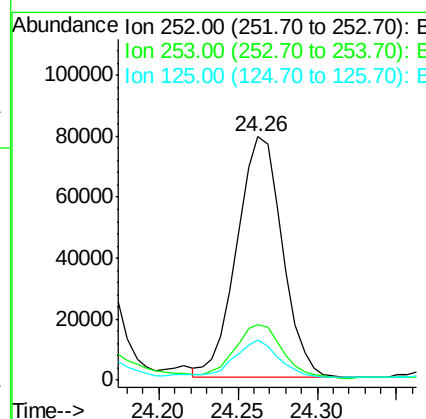
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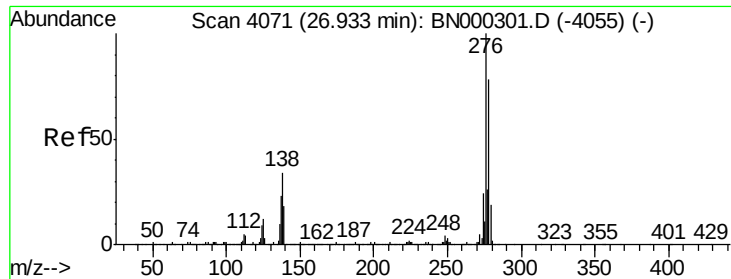
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#26
Benzo(a)pyrene
Concen: 1.841 ng/ul
RT: 24.26 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BN000304.D
Acq: 12 Mar 2018 11:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	16.5	8.2	12.4





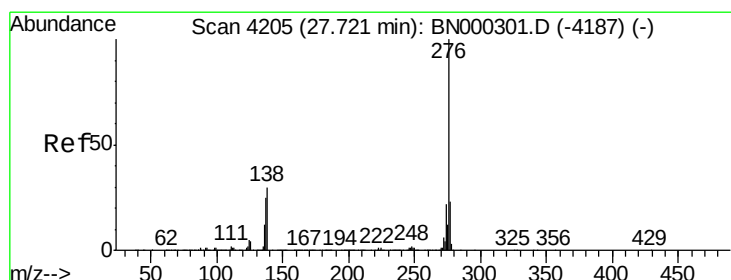
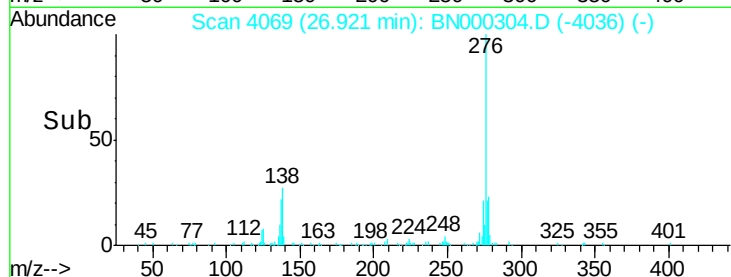
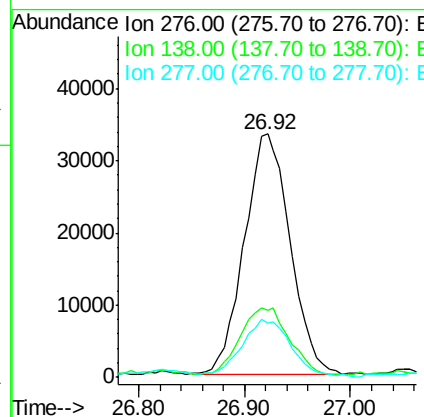
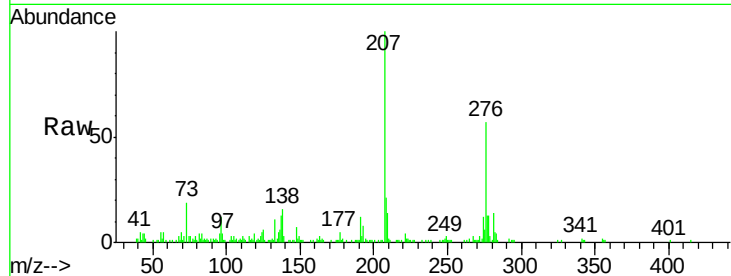
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.087 ng/ul
 RT: 26.92 min Scan# 4069
 Delta R.T. -0.01 min
 Lab File: BN000304.D
 Acq: 12 Mar 2018 11:27

Instrument :
 BNA_N
 ClientSampled :
 DAM68

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	14.4	21.6#
277	22.3	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 1.126 ng/ul
 RT: 27.70 min Scan# 4202
 Delta R.T. -0.01 min
 Lab File: BN000304.D
 Acq: 12 Mar 2018 11:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	15.3	22.9#
277	25.1	19.0	28.4

