

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000403.D
 Acq On : 15 Mar 2018 07:52
 Operator : JU/SJ
 Sample : J1845-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD5

Manual Integrations
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Quant Time: Mar 15 08:26:08 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	306685	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1454978	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	793293	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1663210	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1318741	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1186327	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1490782	18.93	ng/ul	0.00
10) Fluorene-d10	16.05	176	965436	18.11	ng/ul	0.00
14) Anthracene-d10	17.89	188	1434613	18.46	ng/ul	0.00
18) Pyrene-d10	20.14	212	1447911	22.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1030234	19.02	ng/ul	0.00
Target Compounds				Qvalue		
13) Phenanthrene	17.83	178	408946	4.287	ng/ul	99
16) Fluoranthene	19.81	202	768307	7.455	ng/ul#	94
19) Pyrene	20.17	202	650202	7.809	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	328565m	4.008	ng/ul	
21) Chrysene	21.94	228	349456	4.492	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	427278m	6.040	ng/ul	
24) Benzo(k)fluoranthene	23.68	252	138739m	2.095	ng/ul	
26) Benzo(a)pyrene	24.29	252	267506	3.973	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.96	276	185793	2.559	ng/ul#	84
29) Benzo(g,h,i)perylene	27.76	276	164162	2.708	ng/ul#	86

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

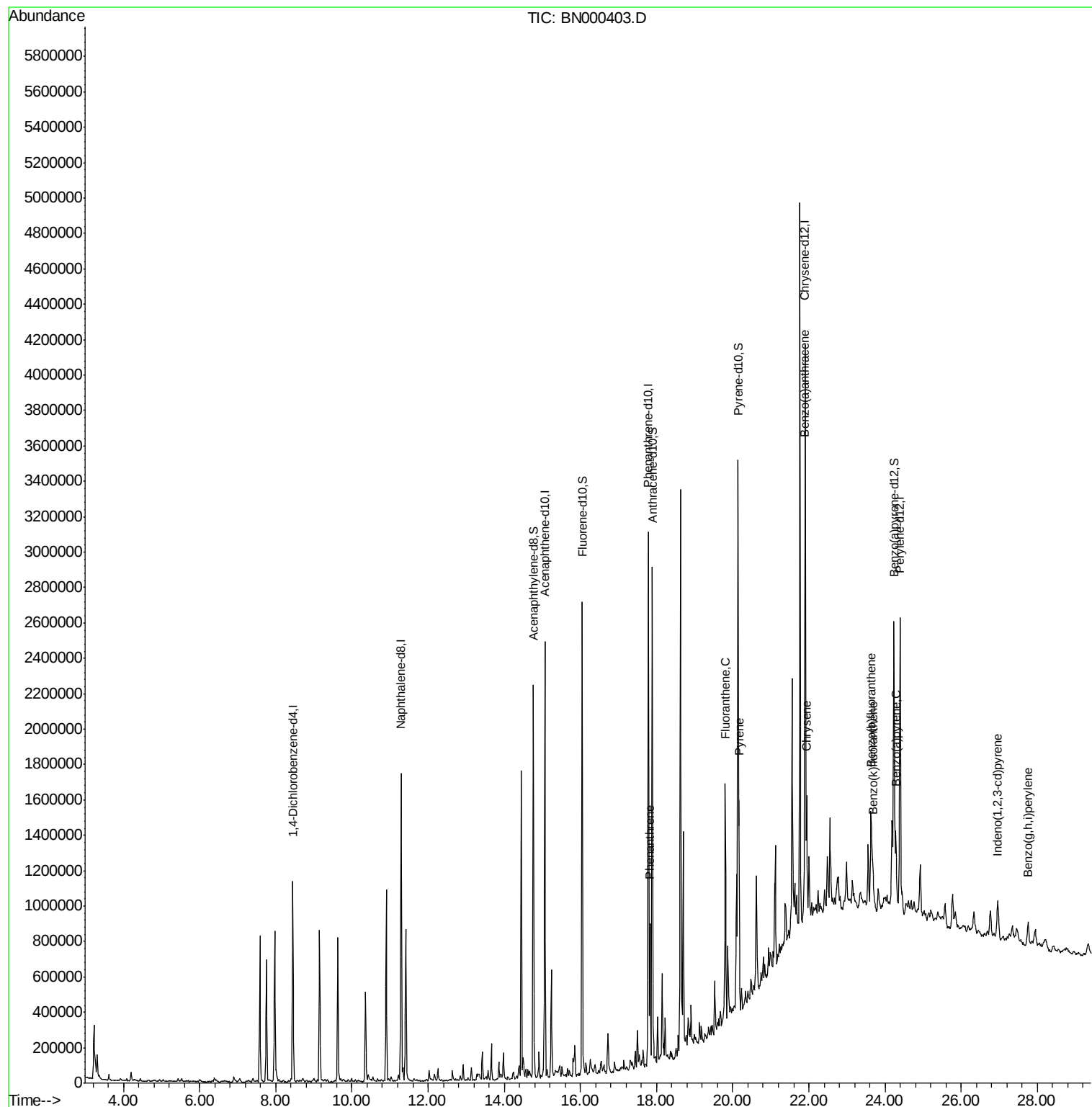
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

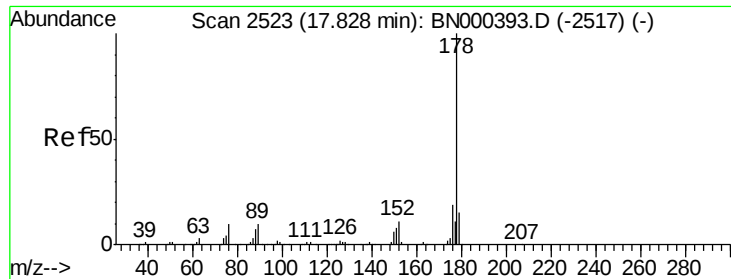
Instrument :
BNA_N
ClientSampled :
DAMD5

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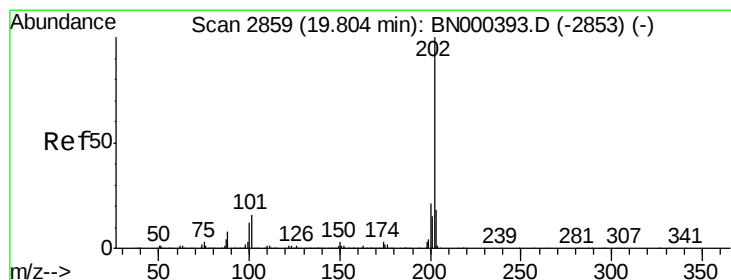
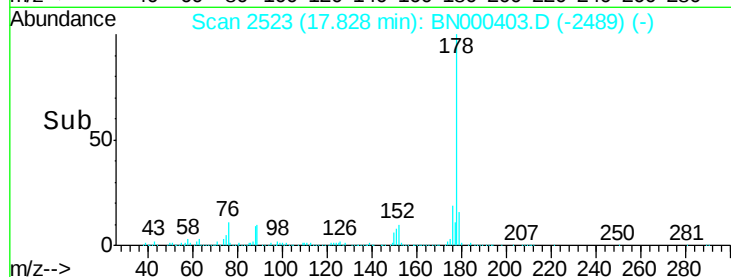
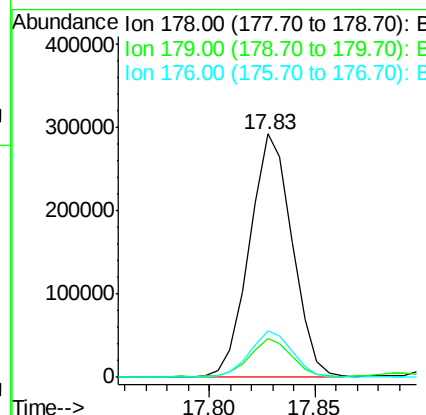
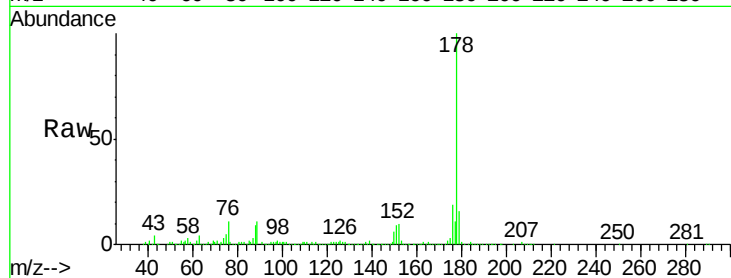
#13
Phenanthrene
Concen: 4.287 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Instrument :
BNA_N
ClientSampleId :
DAMD5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.3	15.1	22.7

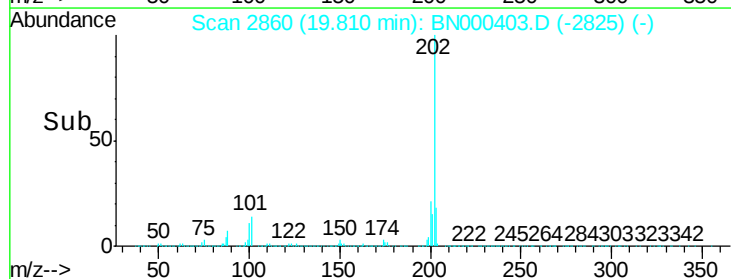
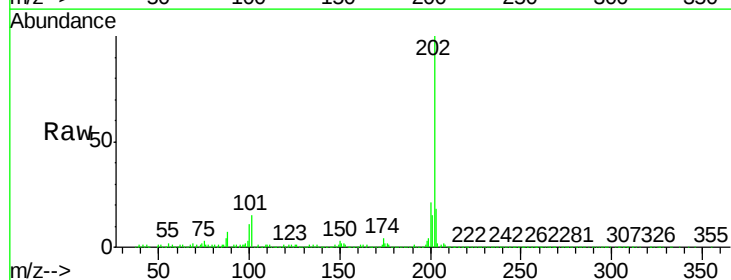
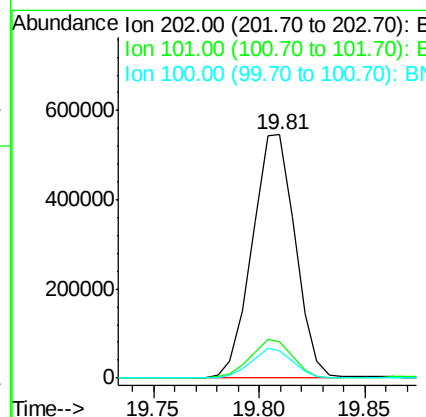
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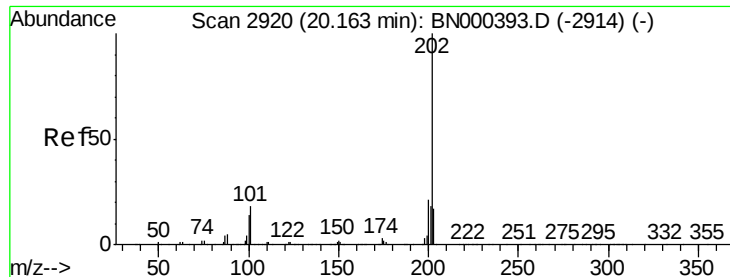
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#16
Fluoranthene
Concen: 7.455 ng/ul
RT: 19.81 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.3	7.4	11.0





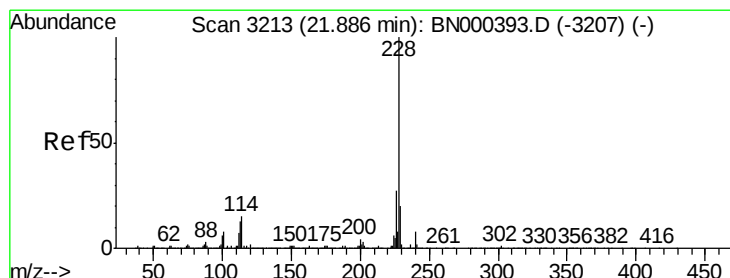
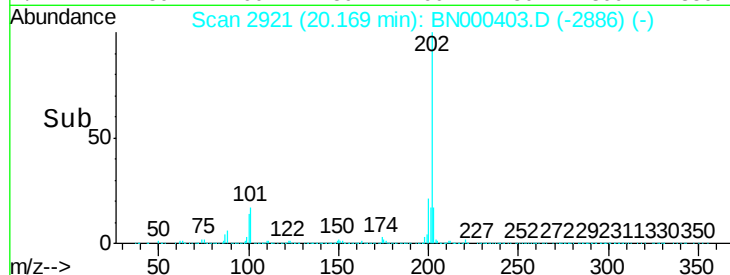
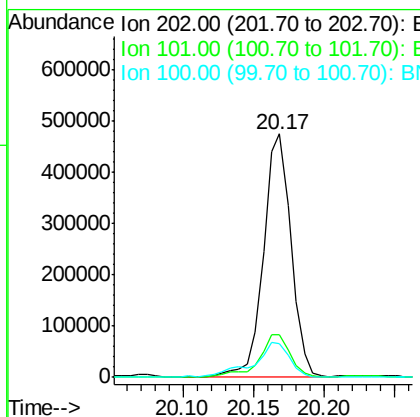
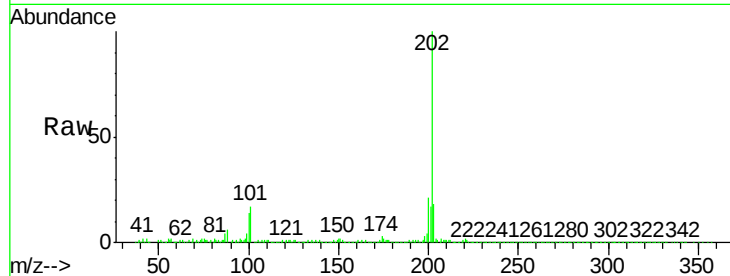
#19
Pyrene
Concen: 7.809 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Instrument :
BNA_N
ClientSampleId :
DAMD5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.3	11.0	16.4#
100	14.0	8.1	12.1#

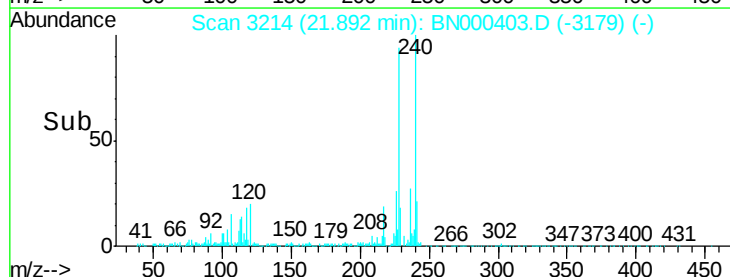
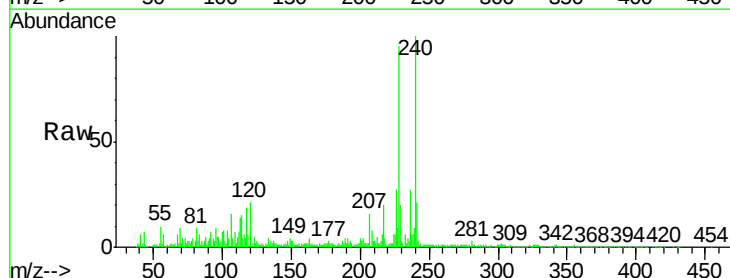
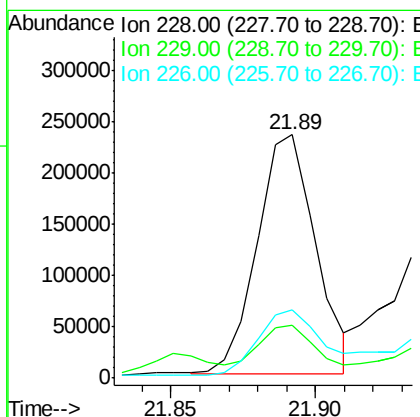
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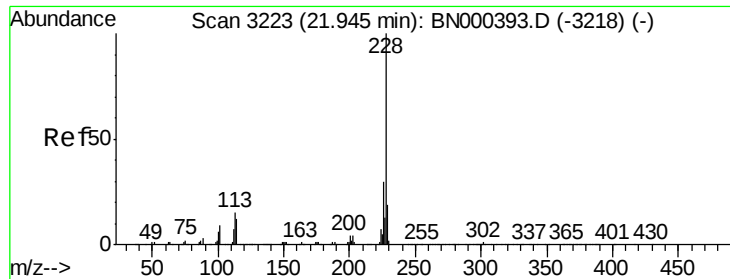
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#20
Benzo(a)anthracene
Concen: 4.008 ng/ul m
RT: 21.89 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	15.7	23.5
226	28.3	21.1	31.7





#21

Chrysene

Concen: 4.492 ng/ul

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BN000403.D

Acq: 15 Mar 2018 07:52

Instrument :

BNA_N

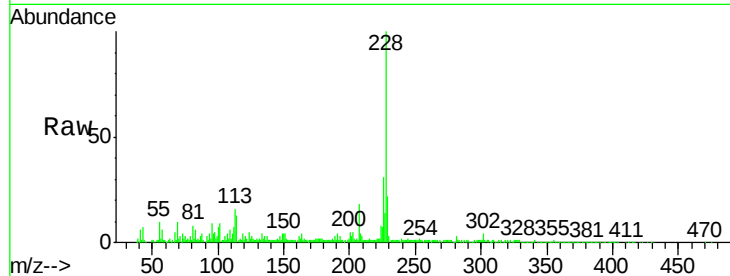
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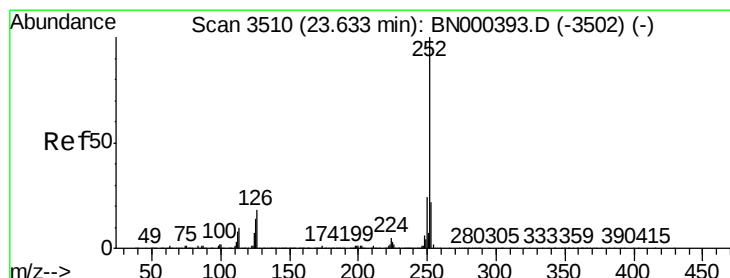
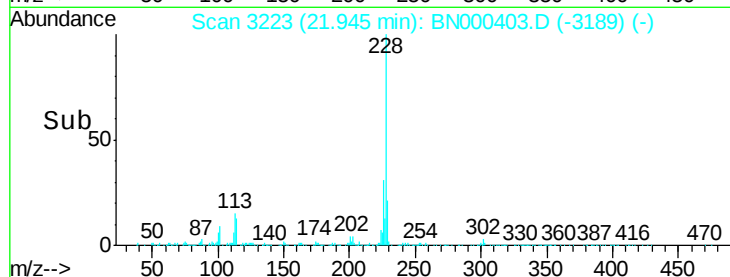
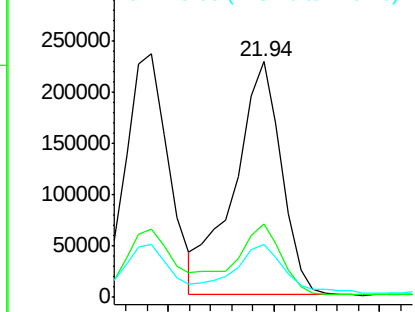
Tgt Ion:	228	Resp:	349456
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.5	36.7
229	22.5	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 6.040 ng/ul m

RT: 23.64 min Scan# 3511

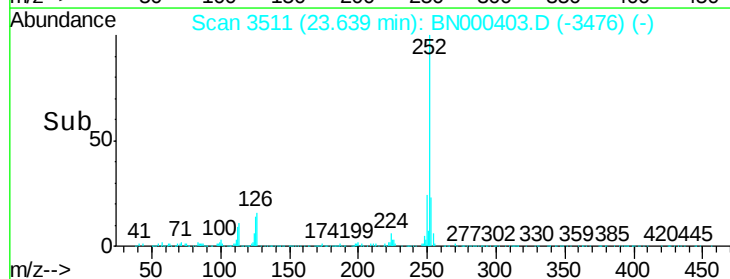
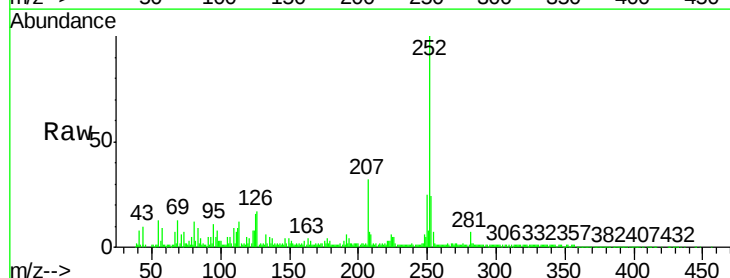
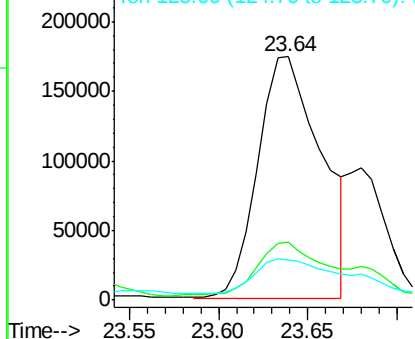
Delta R.T. 0.01 min

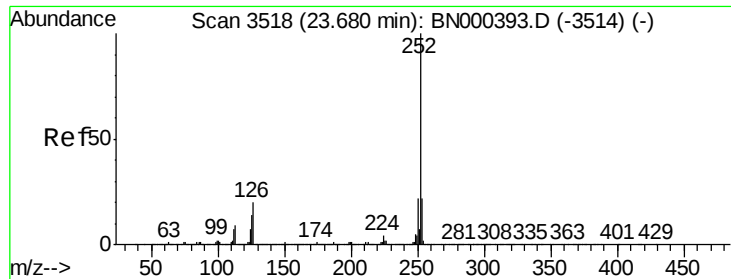
Lab File: BN000403.D

Acq: 15 Mar 2018 07:52

Tgt Ion:	252	Resp:	427278
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	16.4	8.0	12.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





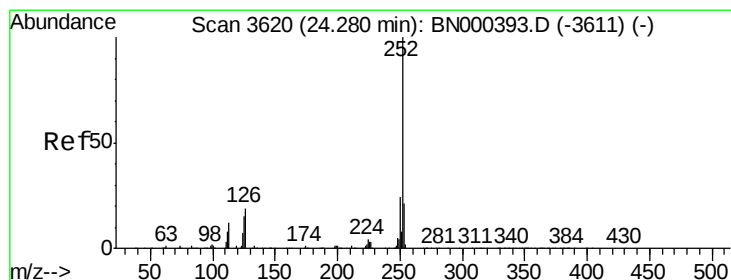
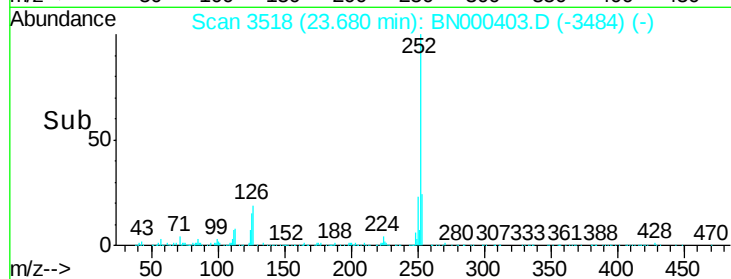
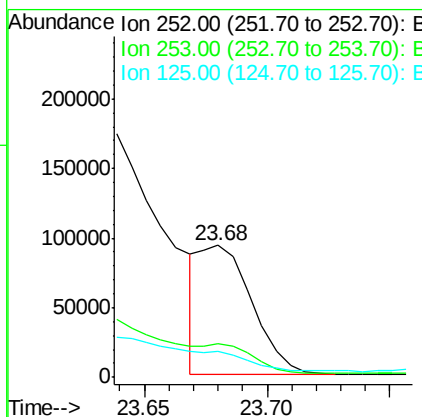
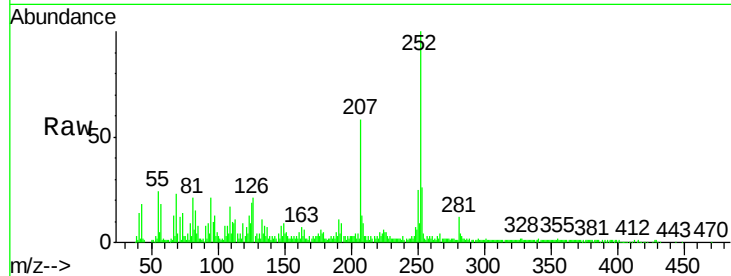
#24
Benzo(k)fluoranthene
Concen: 2.095 ng/u1 m
RT: 23.68 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Instrument :
BNA_N
ClientSampled :
DAMD5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	19.4	8.1	12.1#

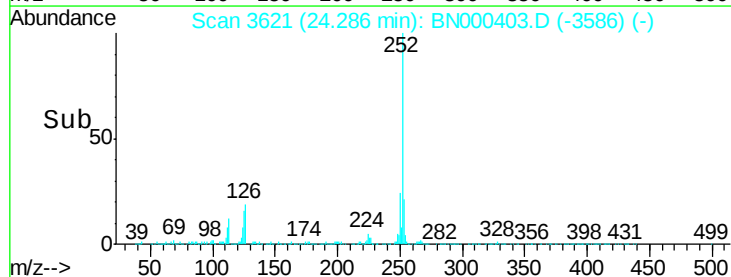
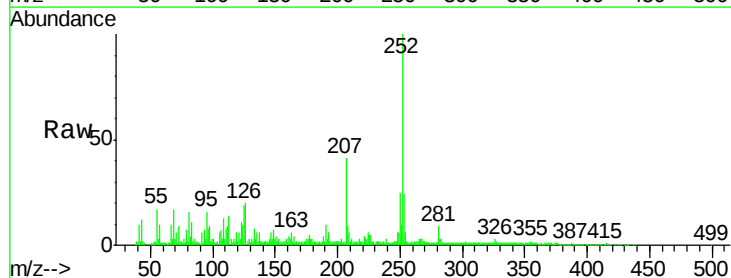
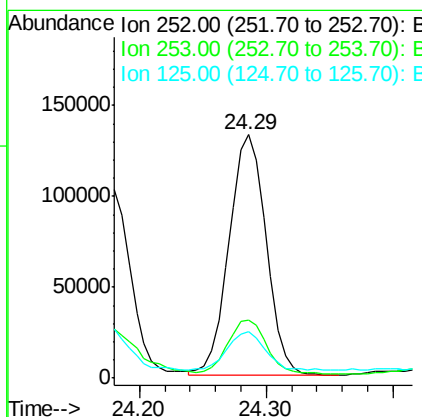
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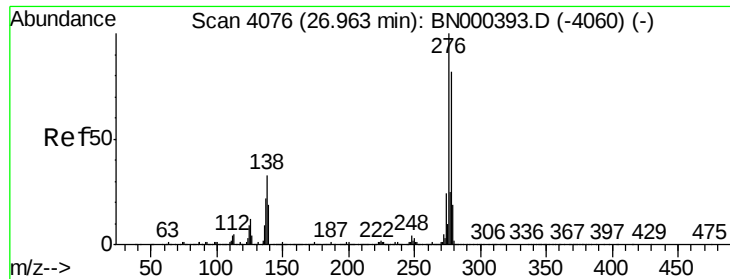
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#26
Benzo(a)pyrene
Concen: 3.973 ng/u1
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	19.2	8.2	12.4#





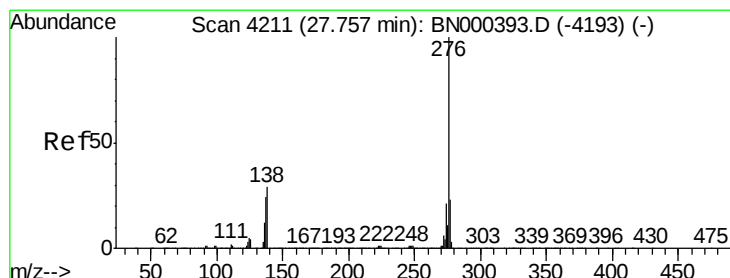
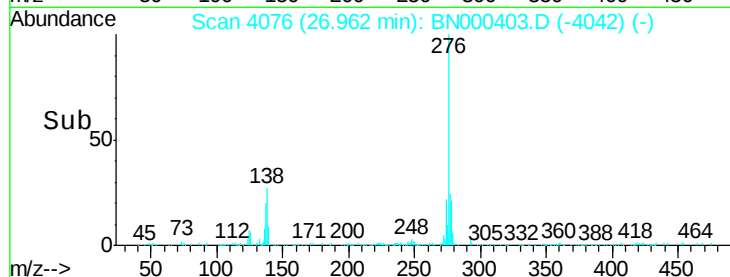
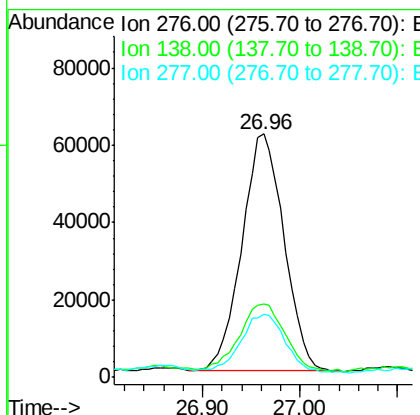
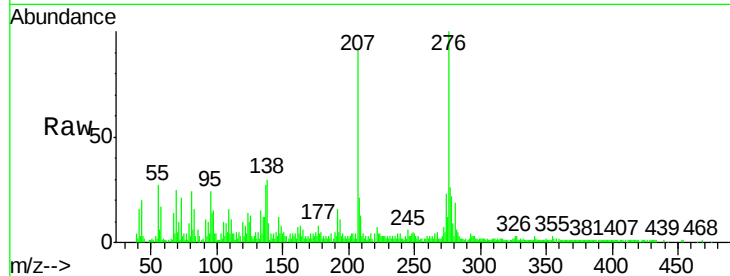
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.559 ng/ul
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: BN000403.D
 Acq: 15 Mar 2018 07:52

Instrument :
 BNA_N
 ClientSampleId :
 DAMD5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	14.4	21.6#
277	25.9	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.708 ng/ul
 RT: 27.76 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: BN000403.D
 Acq: 15 Mar 2018 07:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	15.3	22.9#
277	25.9	19.0	28.4

