

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000394.D
 Acq On : 15 Mar 2018 02:43
 Operator : JU/SJ
 Sample : J1865-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMB8

Manual Integrations
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Quant Time: Mar 15 08:02:19 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	218996	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1075604	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	619115	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1398331	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1319544	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1206824	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1591838	25.91	ng/ul	0.00
10) Fluorene-d10	16.05	176	1051451	25.27	ng/ul	0.00
14) Anthracene-d10	17.89	188	1645928	25.19	ng/ul	0.00
18) Pyrene-d10	20.14	212	1821332	28.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1409324	25.57	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.83	178	178255	2.223	ng/ul	100
16) Fluoranthene	19.80	202	456597	5.270	ng/ul#	93
19) Pyrene	20.17	202	417206m	5.008	ng/ul	
20) Benzo(a)anthracene	21.89	228	274036	3.341	ng/ul	97
21) Chrysene	21.94	228	293689	3.773	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	512512	7.122	ng/ul#	94
24) Benzo(k)fluoranthene	23.68	252	118427m	1.758	ng/ul	
26) Benzo(a)pyrene	24.29	252	321929	4.700	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.96	276	258119	3.495	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.96	278	68523	1.132	ng/ul#	78
29) Benzo(g,h,i)perylene	27.76	276	237519	3.852	ng/ul#	88

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

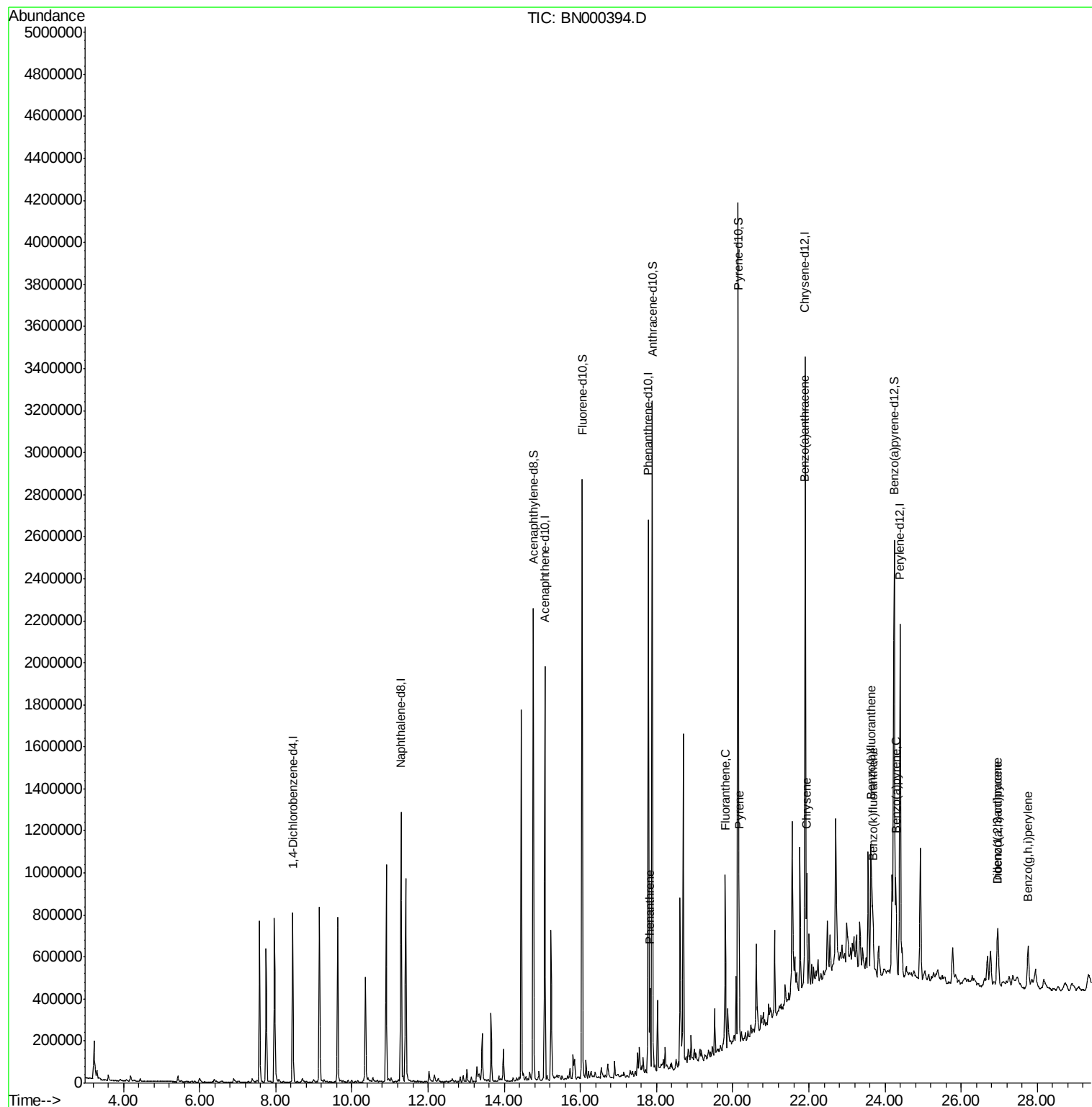
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

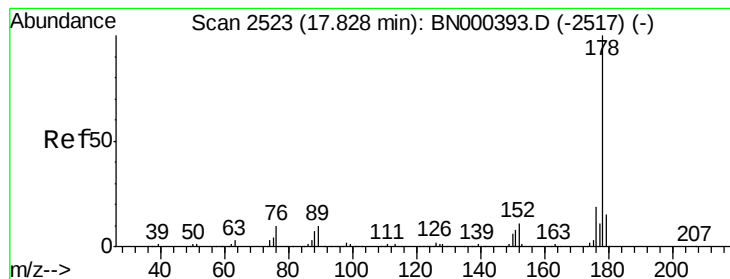
Instrument :
BNA_N
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#13

Phenanthrene

Concen: 2.223 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000394.D

Acq: 15 Mar 2018 02:43

Instrument :

BNA_N

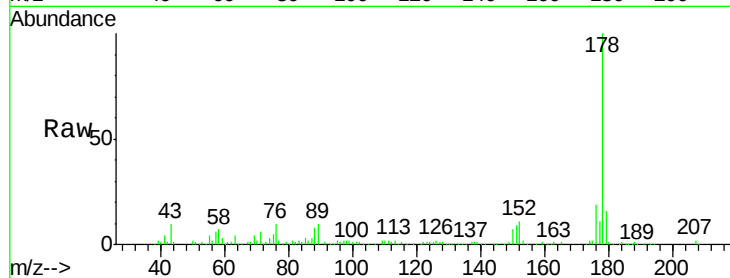
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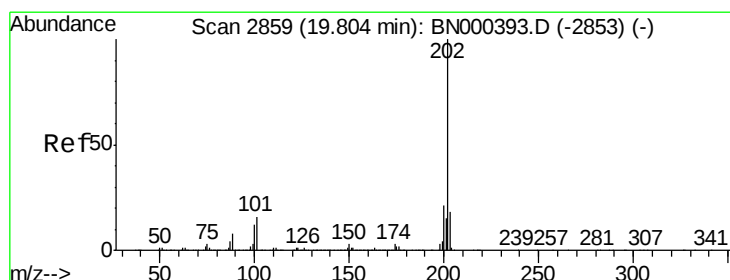
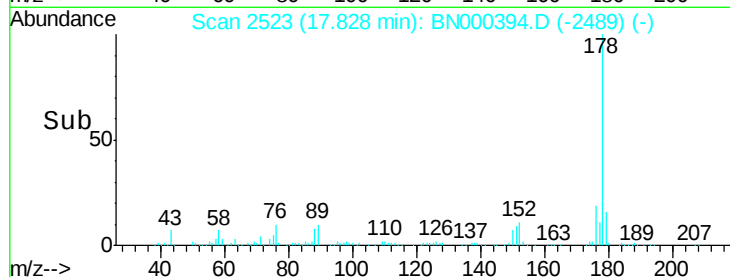
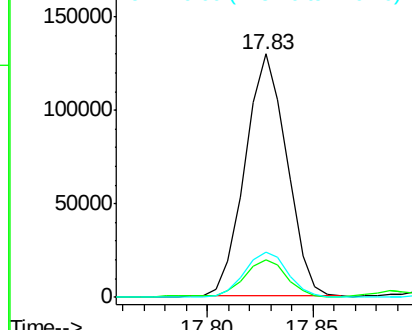
Tgt	Ion:178	Resp:	178255
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.8	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 5.270 ng/ul

RT: 19.80 min Scan# 2859

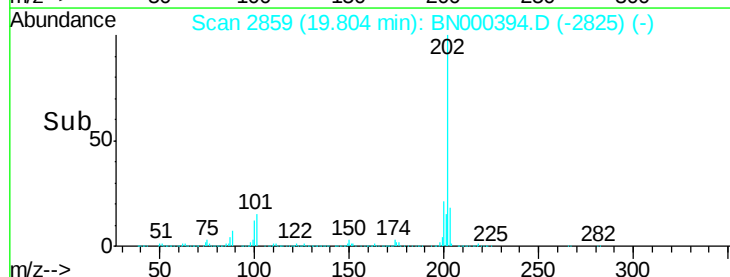
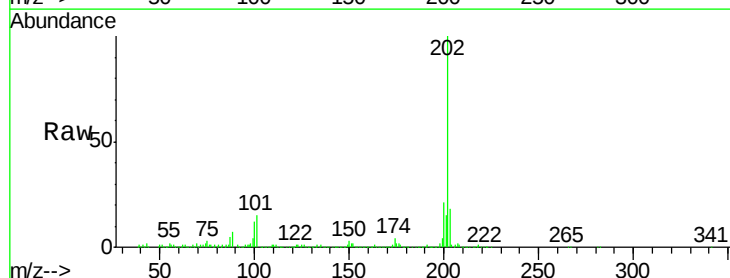
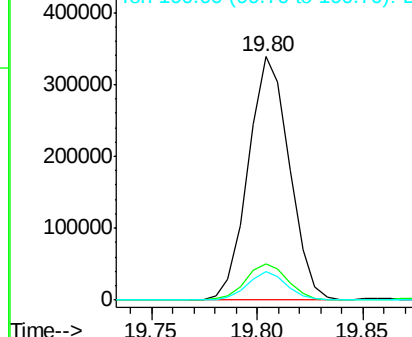
Delta R.T. -0.00 min

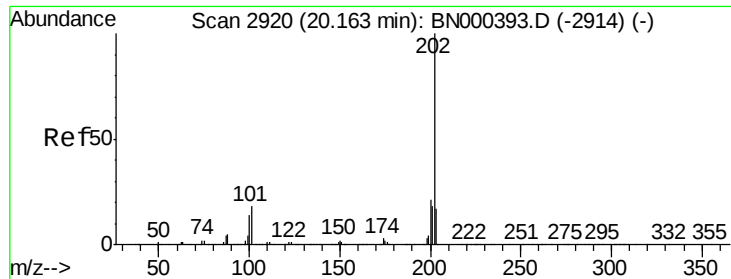
Lab File: BN000394.D

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Tgt	Ion:202	Resp:	456597
Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	11.6	7.4	11.0#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





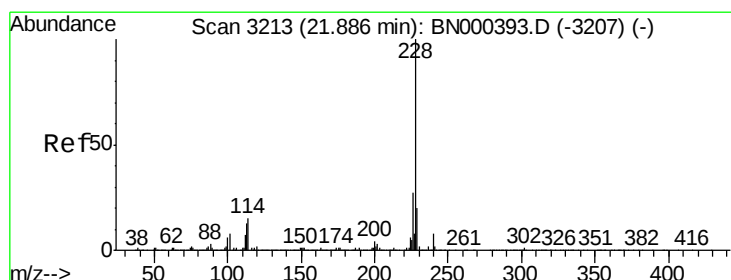
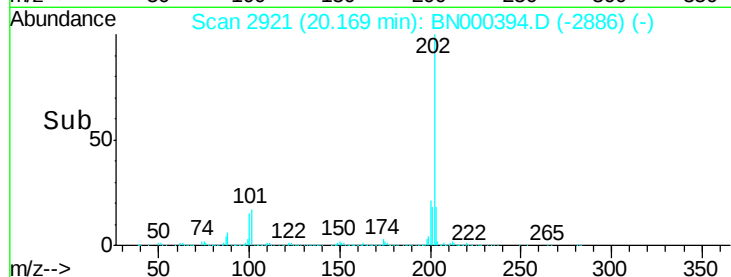
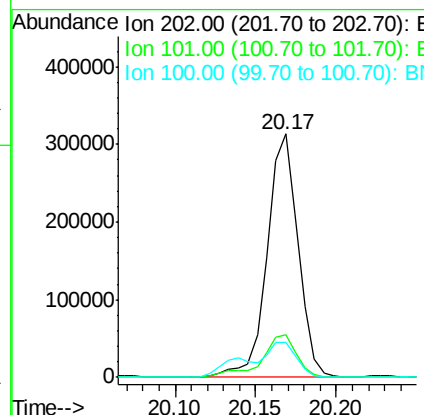
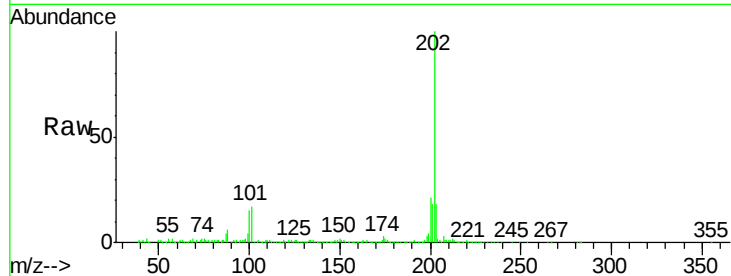
#19
 Pyrene
 Concen: 5.008 ng/ul m
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000394.D
 Acq: 15 Mar 2018 02:43

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.4	11.0	16.4#
100	14.6	8.1	12.1#

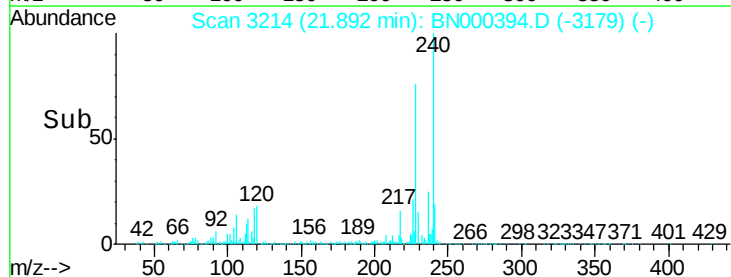
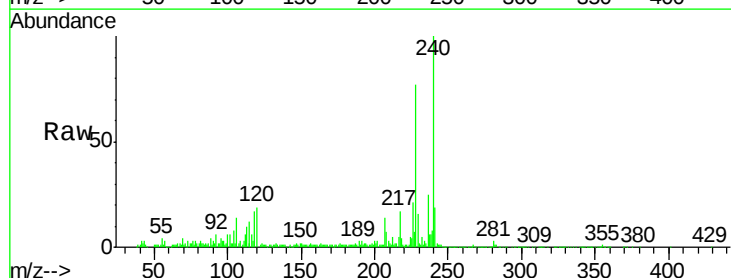
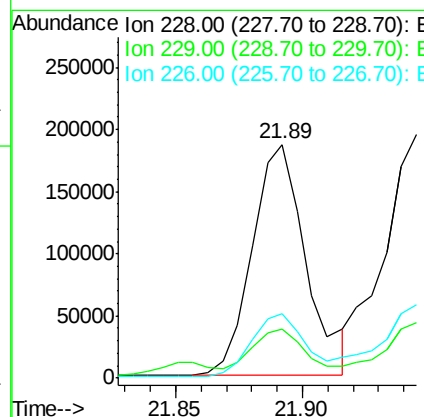
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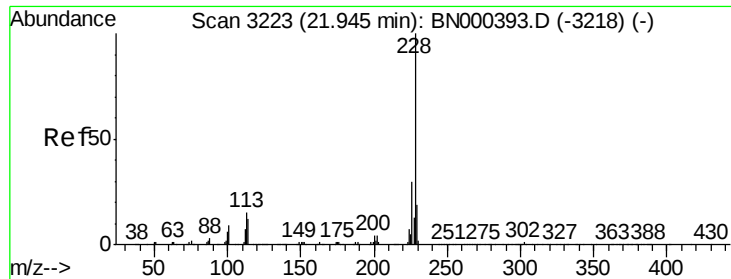
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#20
 Benzo(a)anthracene
 Concen: 3.341 ng/ul
 RT: 21.89 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BN000394.D
 Acq: 15 Mar 2018 02:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	15.7	23.5
226	27.8	21.1	31.7





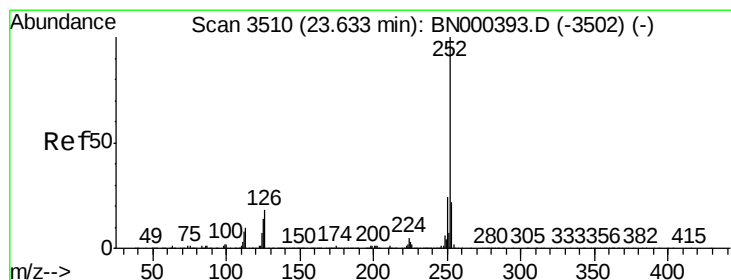
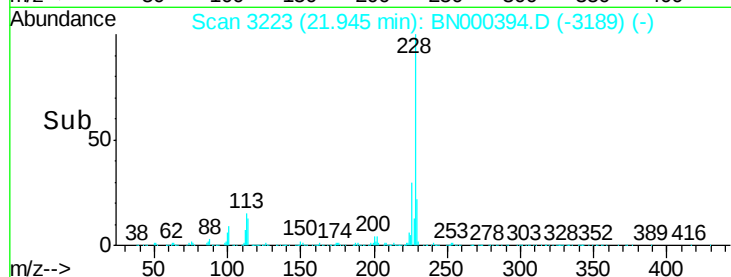
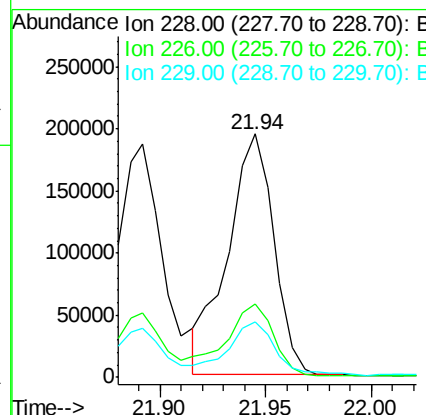
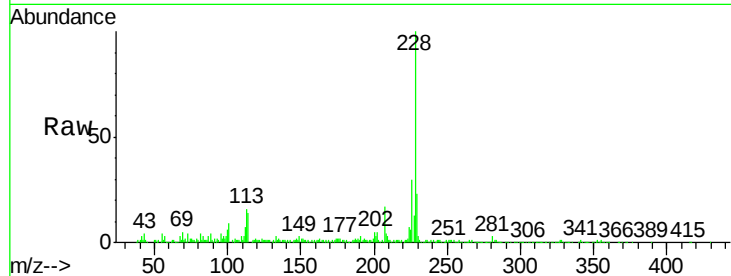
#21
Chrysene
Concen: 3.773 ng/ul
RT: 21.94 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BN000394.D
Acq: 15 Mar 2018 02:43

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	293689		
226	29.9		24.5	36.7
229	22.6		15.8	23.8

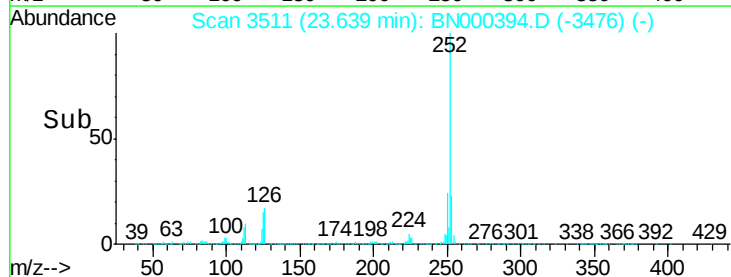
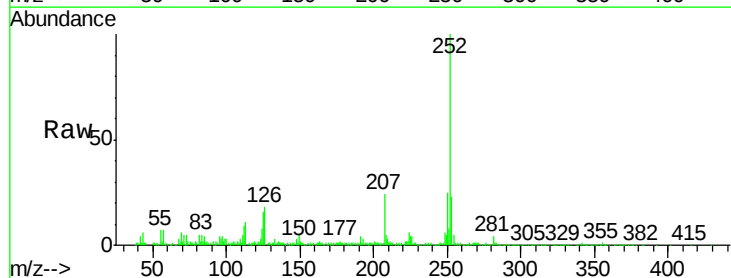
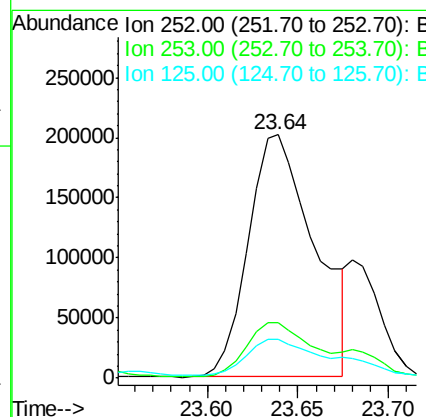
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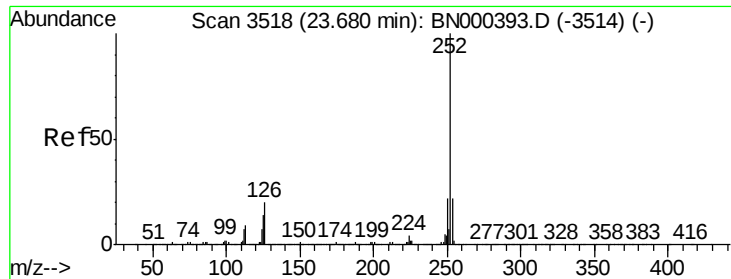
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#23
Benzo(b)fluoranthene
Concen: 7.122 ng/ul
RT: 23.64 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BN000394.D
Acq: 15 Mar 2018 02:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	512512		
253	23.0		18.0	27.0
125	16.1		8.0	12.0





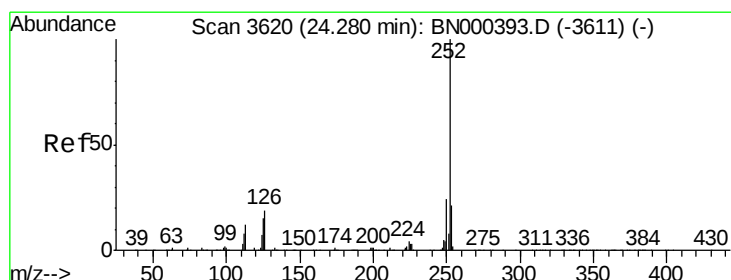
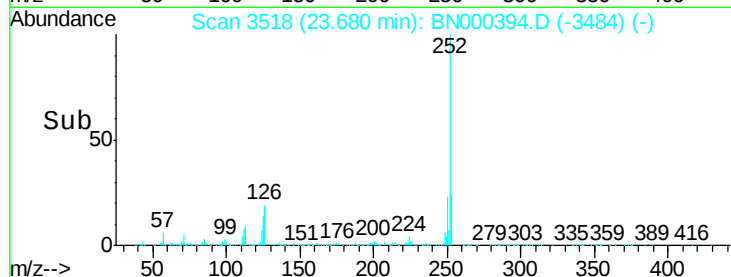
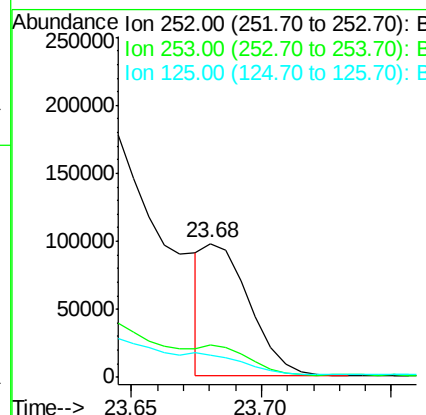
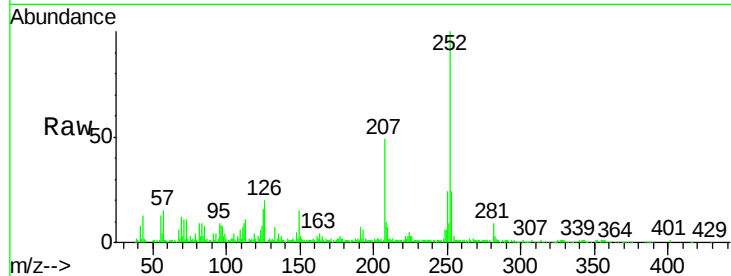
#24
Benzo(k)fluoranthene
Concen: 1.758 ng/ul m
RT: 23.68 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BN000394.D
Acq: 15 Mar 2018 02:43

Instrument :
BNA_N
ClientSampled :
DAMB8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	16.3	8.1	12.1#

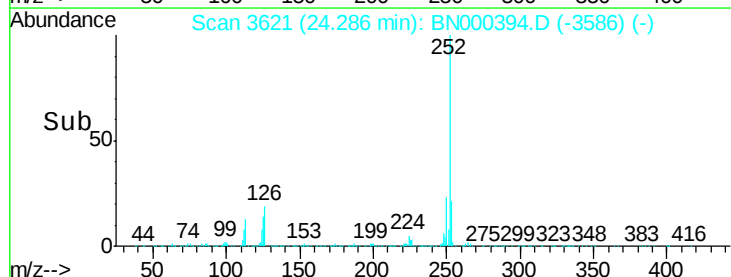
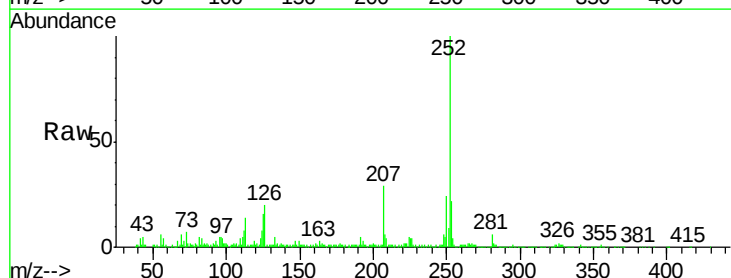
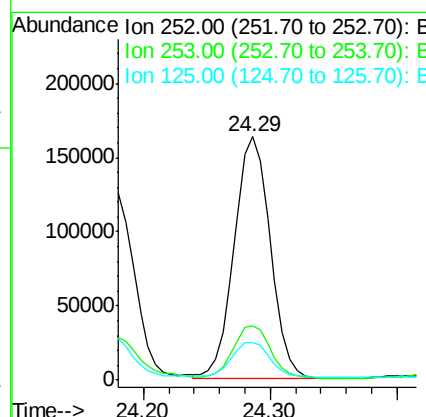
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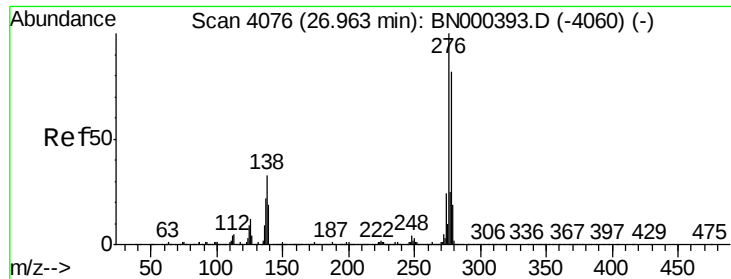
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#26
Benzo(a)pyrene
Concen: 4.700 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000394.D
Acq: 15 Mar 2018 02:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	15.6	8.2	12.4#





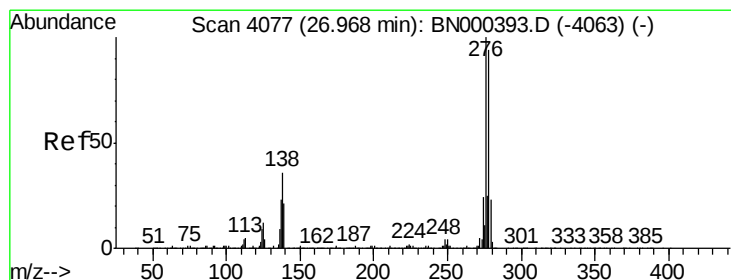
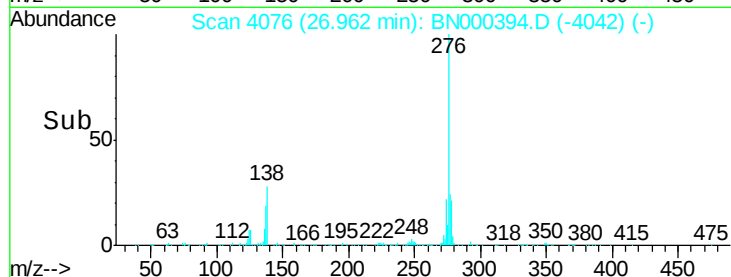
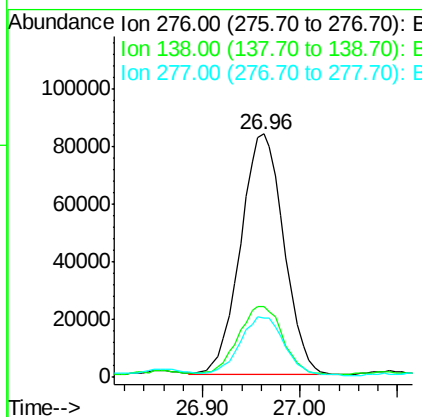
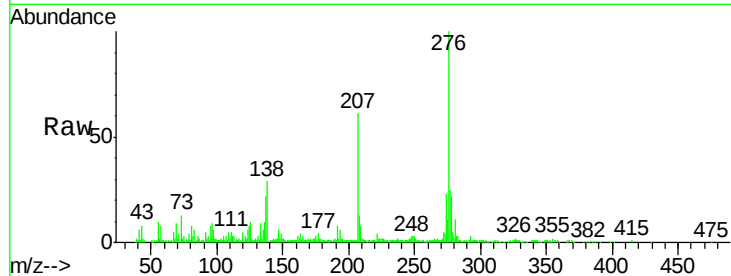
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.495 ng/u1
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: BN000394.D
 Acq: 15 Mar 2018 02:43

Instrument :
 BNA_N
 ClientSampleId :
 DAMB8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	14.4	21.6#
277	24.6	18.0	27.0

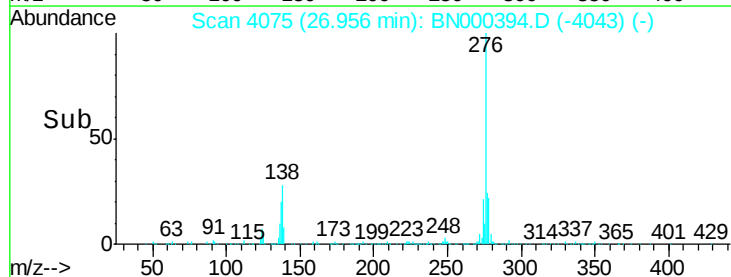
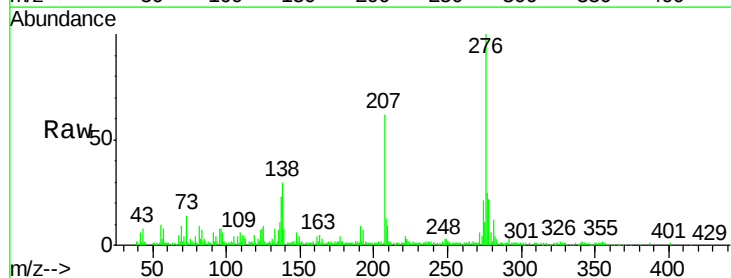
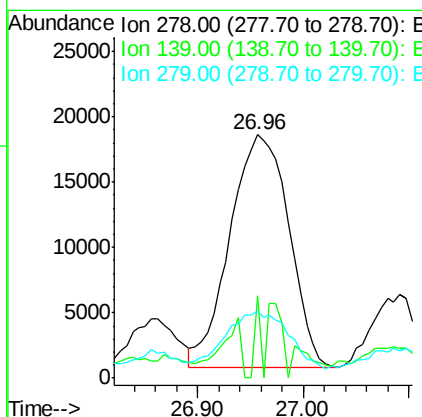
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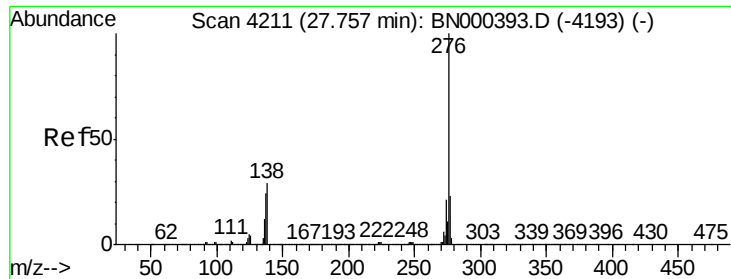
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.132 ng/u1
 RT: 26.96 min Scan# 4075
 Delta R.T. -0.01 min
 Lab File: BN000394.D
 Acq: 15 Mar 2018 02:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.6	12.2	18.4#
279	27.6	19.2	28.8





#29

Benzo(g,h,i)perylene

Concen: 3.852 ng/ul

RT: 27.76 min Scan# 4211

Delta R.T. -0.00 min

Lab File: BN000394.D

Acq: 15 Mar 2018 02:43

Instrument :

BNA_N

ClientSampleId :

DAMB8

Tgt	Ion	276	Resp:	237519
Ion	Ratio	Lower	Upper	
276	100			
138	30.6	15.3	22.9#	
277	24.1	19.0	28.4	

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