

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000851.D
 Acq On : 24 Apr 2018 15:39
 Operator : JU/SJ
 Sample : J2443-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARR5MSD

Manual Integrations
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Quant Time: Apr 25 07:43:20 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 13:09:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117966	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	501520	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	250723	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	509607	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	489320	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	512669	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	692552	28.76	ng/ul	0.00
10) Fluorene-d10	15.25	176	486833	30.29	ng/ul	0.00
14) Anthracene-d10	17.09	188	684762	29.38	ng/ul	0.00
18) Pyrene-d10	19.40	212	746935	29.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	794946	32.83	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	531051	32.251	ng/ul	97
16) Fluoranthene	19.06	202	107526	3.813	ng/ul#	93
19) Pyrene	19.43	202	1118966	35.602	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	84981m	2.905	ng/ul	
21) Chrysene	21.24	228	86453	3.145	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	164154m	5.634	ng/ul	
24) Benzo(k)fluoranthene	22.77	252	45343m	1.590	ng/ul	
26) Benzo(a)pyrene	23.29	252	103171	3.705	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.55	276	78140	2.323	ng/ul#	89
29) Benzo(g,h,i)perylene	26.21	276	78328	2.785	ng/ul#	90

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

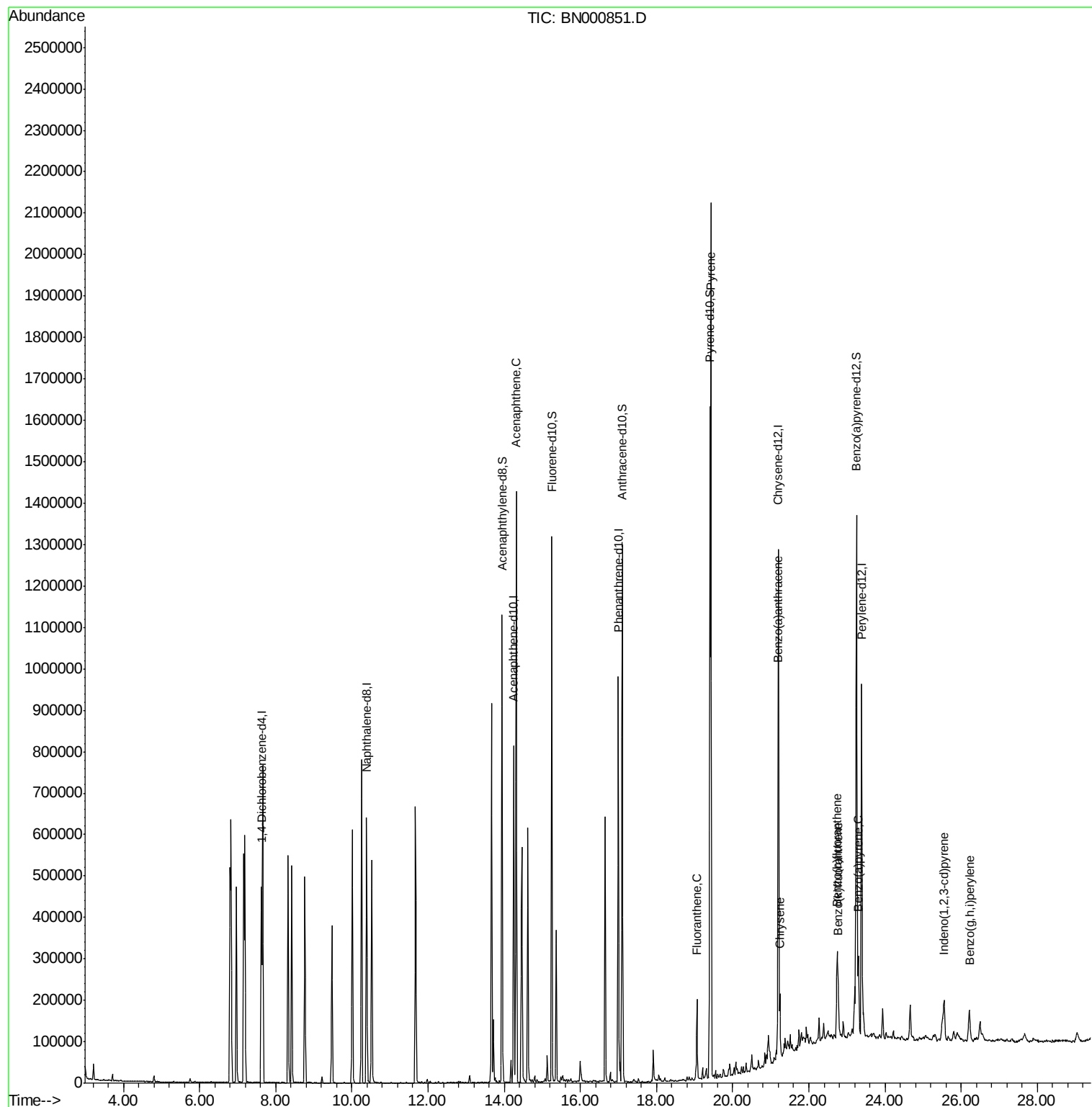
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000851.D
Acq On : 24 Apr 2018 15:39
Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

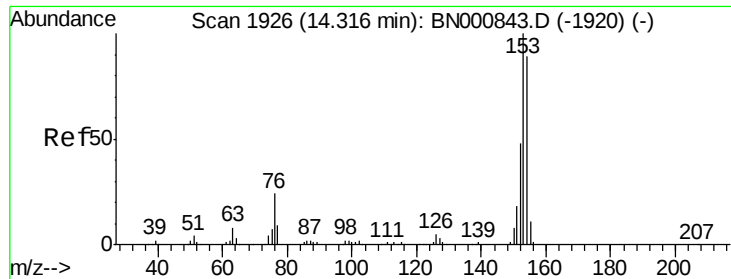
Instrument :
BNA_N
ClientSampleId :
DARR5MSD

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Quant Time: Apr 25 07:43:20 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 13:09:24 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 32.251 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

Instrument :

BNA_N

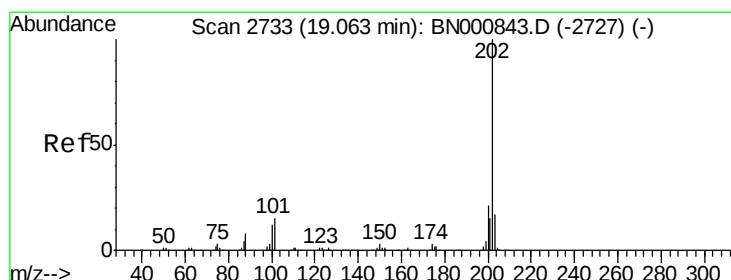
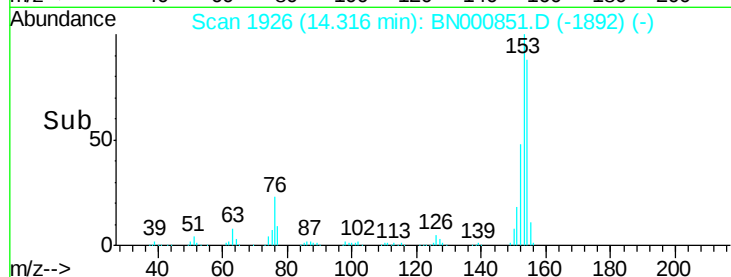
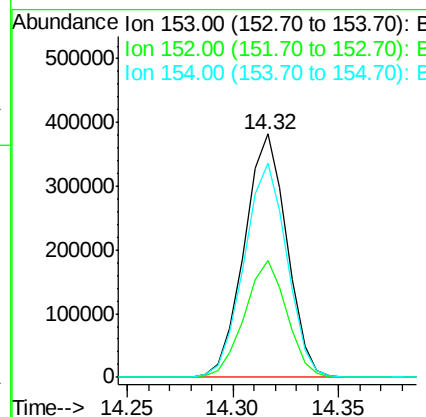
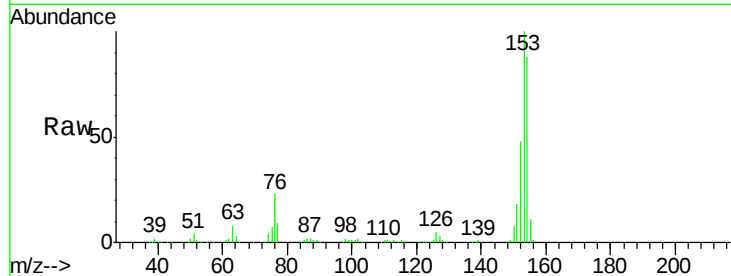
ClientSampled :

DARR5MSD

Tot Ion:	153	Resp:	531051
Ion Ratio	Lower	Upper	
153	100		
152	48.1	39.0	58.6
154	87.9	66.8	100.2

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#16

Fluoranthene

Concen: 3.813 ng/ul

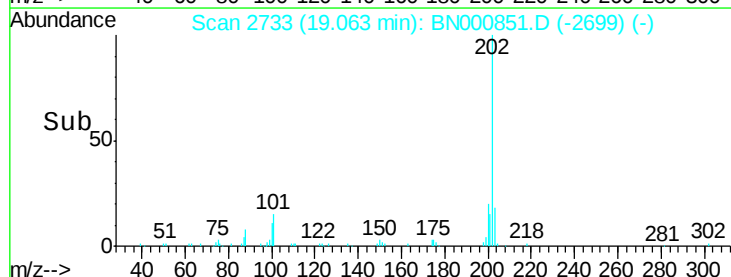
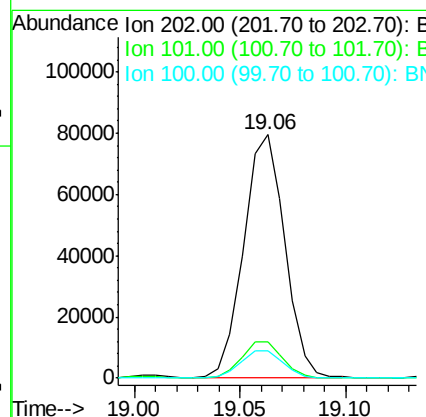
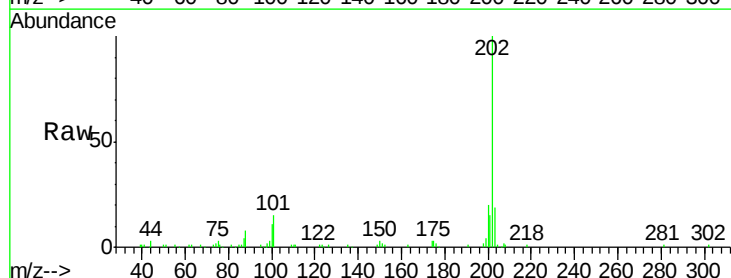
RT: 19.06 min Scan# 2733

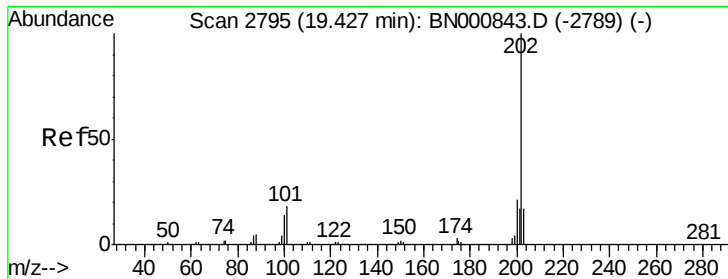
Delta R.T. 0.00 min

Lab File: BN000851.D

Acq: 24 Apr 2018 15:39

Tgt Ion:	202	Resp:	107526
Ion Ratio	Lower	Upper	
202	100		
101	15.1	9.9	14.9#
100	11.4	7.4	11.0#





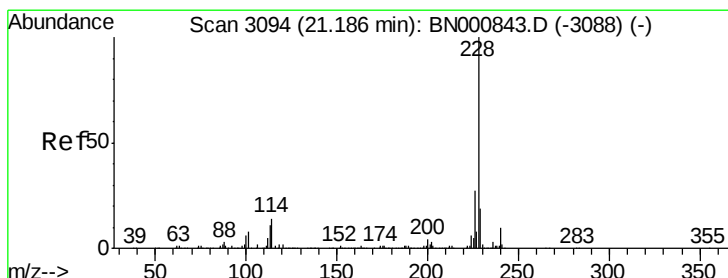
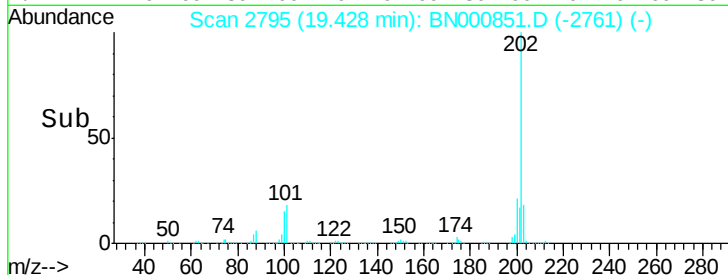
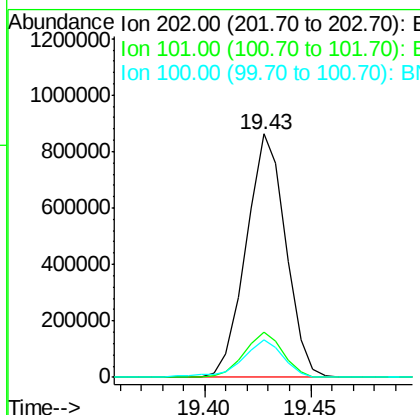
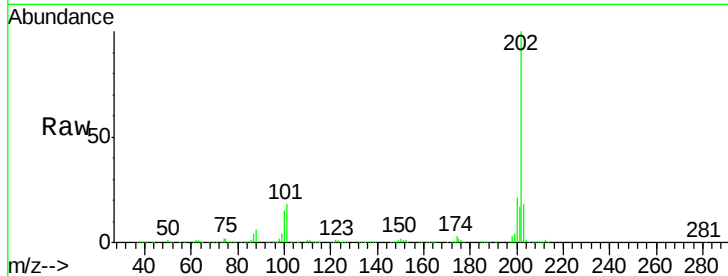
#19
Pvrene
Concen: 35.602 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Instrument :
BNA_N
ClientSampleId :
DARR5MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.3	8.1	12.1#

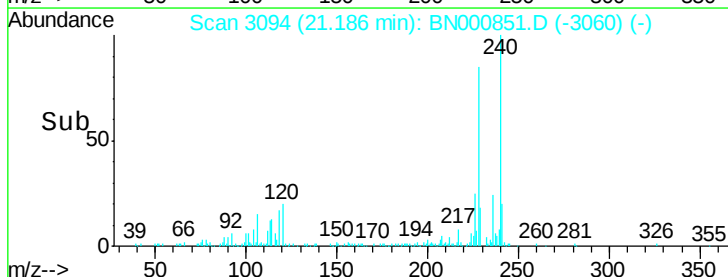
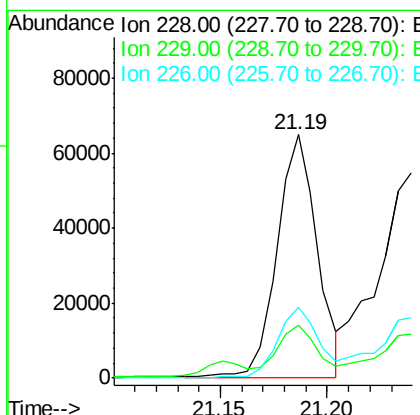
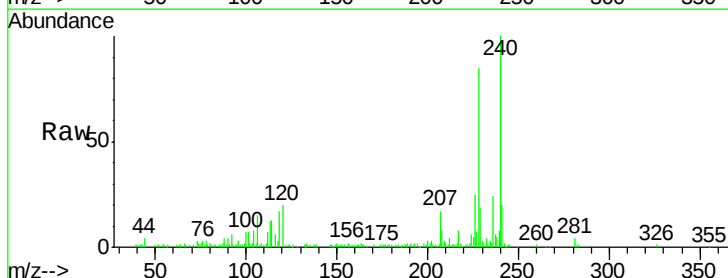
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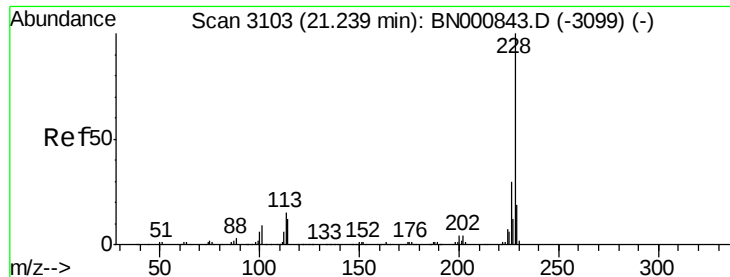
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#20
Benzo(a)anthracene
Concen: 2.905 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	29.0	21.1	31.7





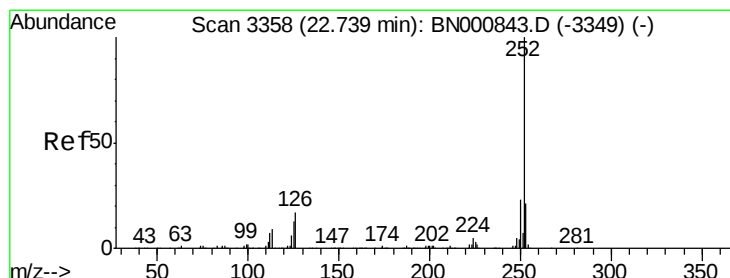
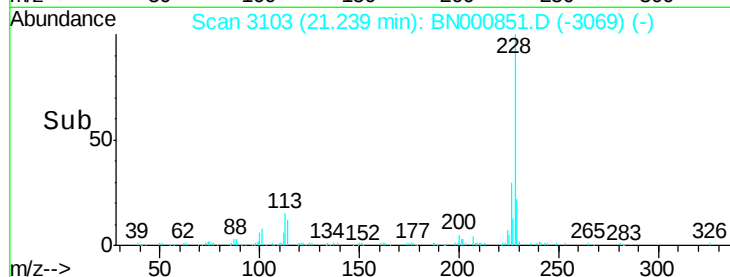
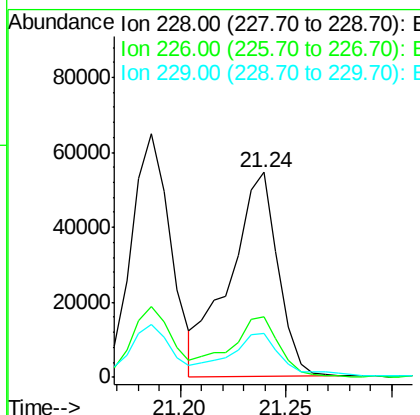
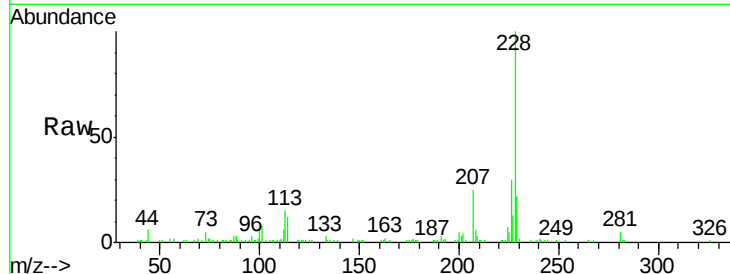
#21
Chrysene
Concen: 3.145 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Instrument :
BNA_N
ClientSampleId :
DARR5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	21.5	15.8	23.8

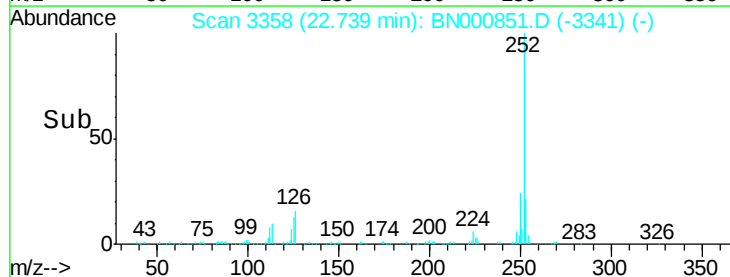
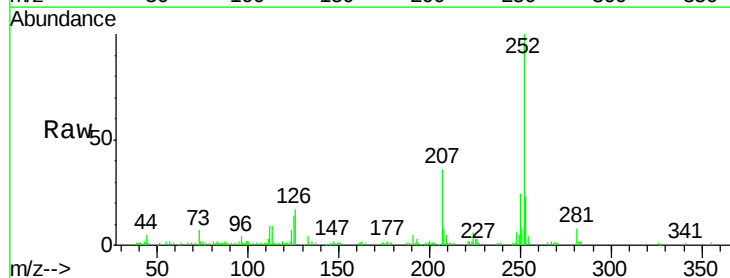
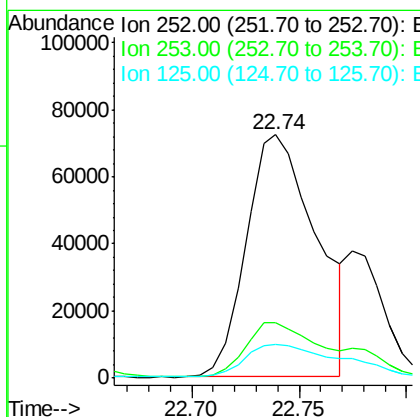
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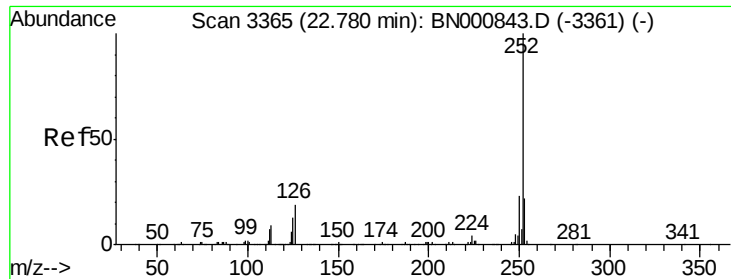
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#23
Benzo(b)fluoranthene
Concen: 5.634 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.1	8.0	12.0





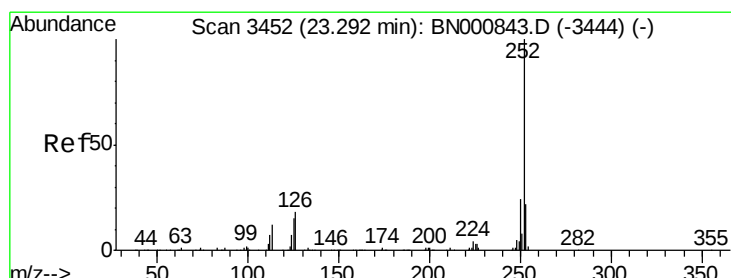
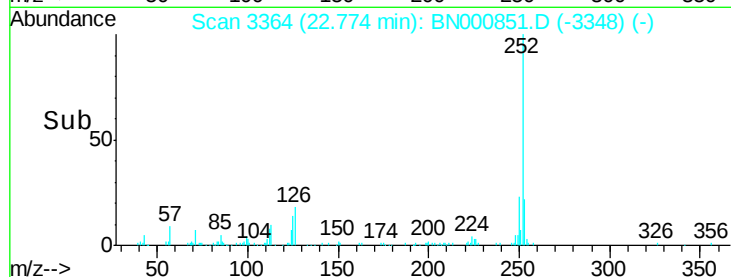
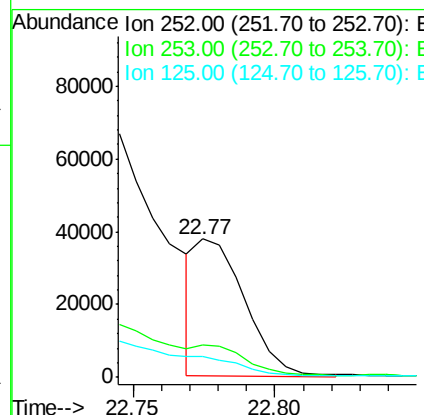
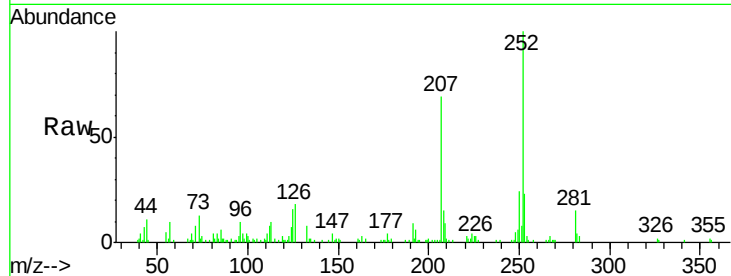
#24
Benzo(k)fluoranthene
Concen: 1.590 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Instrument :
BNA_N
ClientSampleId :
DARR5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.5	8.1	12.1

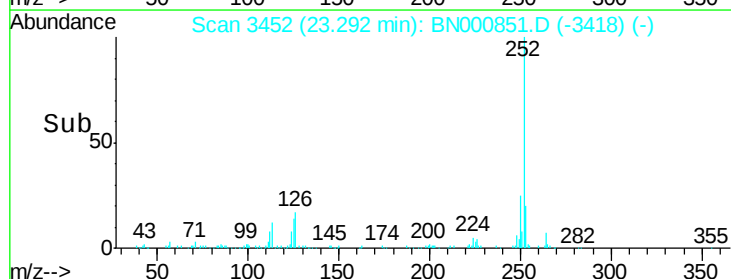
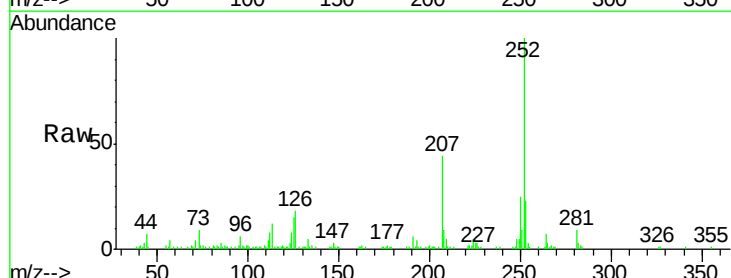
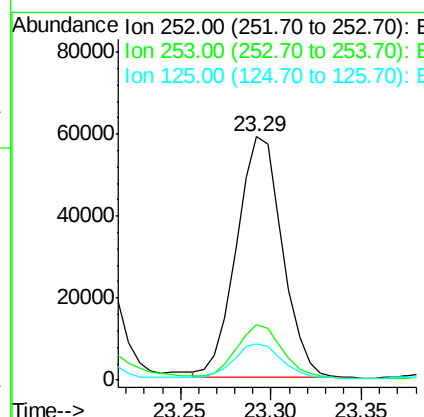
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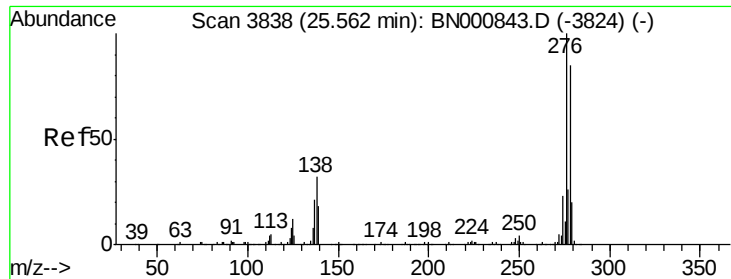
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#26
Benzo(a)pyrene
Concen: 3.705 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BN000851.D
Acq: 24 Apr 2018 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.8	8.2	12.4





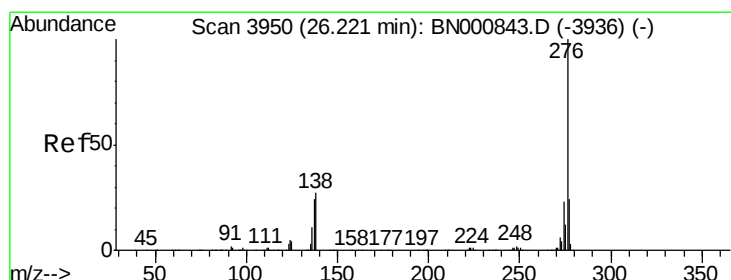
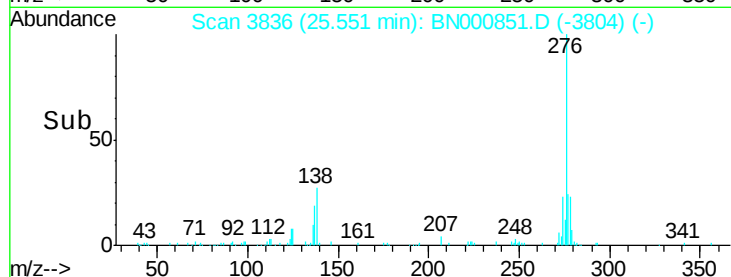
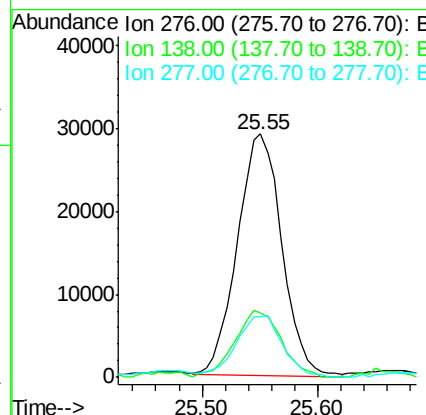
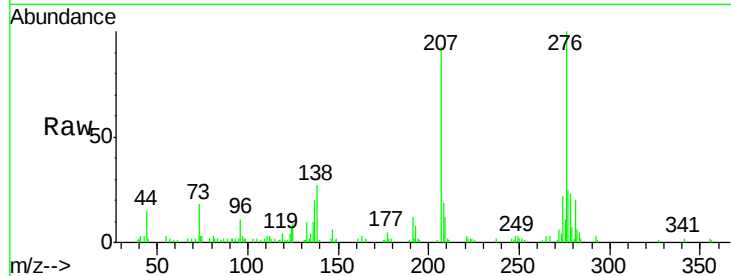
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.323 ng/ul
 RT: 25.55 min Scan# 3836
 Delta R.T. -0.01 min
 Lab File: BN000851.D
 Acq: 24 Apr 2018 15:39

Instrument :
 BNA_N
 ClientSampleId :
 DARR5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	14.4	21.6#
277	24.8	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.785 ng/ul
 RT: 26.21 min Scan# 3948
 Delta R.T. -0.01 min
 Lab File: BN000851.D
 Acq: 24 Apr 2018 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.3	22.9#
277	23.3	19.0	28.4

