Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000865.D
Acq On : 24 Apr 2018 23:45
Operator : JU/SJ
Sample : J2443-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DARR1

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4/25/2018 4:36:33 PM

Quant Time: Apr 25 08:16:29 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 07:49:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	169911	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	759605	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	389283	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	744678	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	573129	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	580716	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	1288539	34.47	ng/ul	0.00
10) Fluorene-d10	15.25	176	830295	33.27	ng/ul	0.00
14) Anthracene-d10	17.10	188	1122213	32.95	ng/ul	0.00
18) Pyrene-d10	19.40	212	1090735	37.14	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	918757	33.49	ng/ul	-0.02
Target Compounds						Qvalue
13) Phenanthrene	17.04	178	74171	1.826	ng/ul	98
16) Fluoranthene	19.06	202	167840	4.073	ng/ul	95
19) Pyrene	19.43	202	146402	3.977	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	80217	2.341	ng/ul	95
21) Chrysene	21.24	228	85910m	2.668	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	131100m	3.972	ng/ul	
26) Benzo(a)pyrene	23.29	252	79116	2.508	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.55	276	57280	1.504	ng/ul#	87
29) Benzo(g,h,i)perylene	26.21	276	54070	1.697	ng/ul#	88

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

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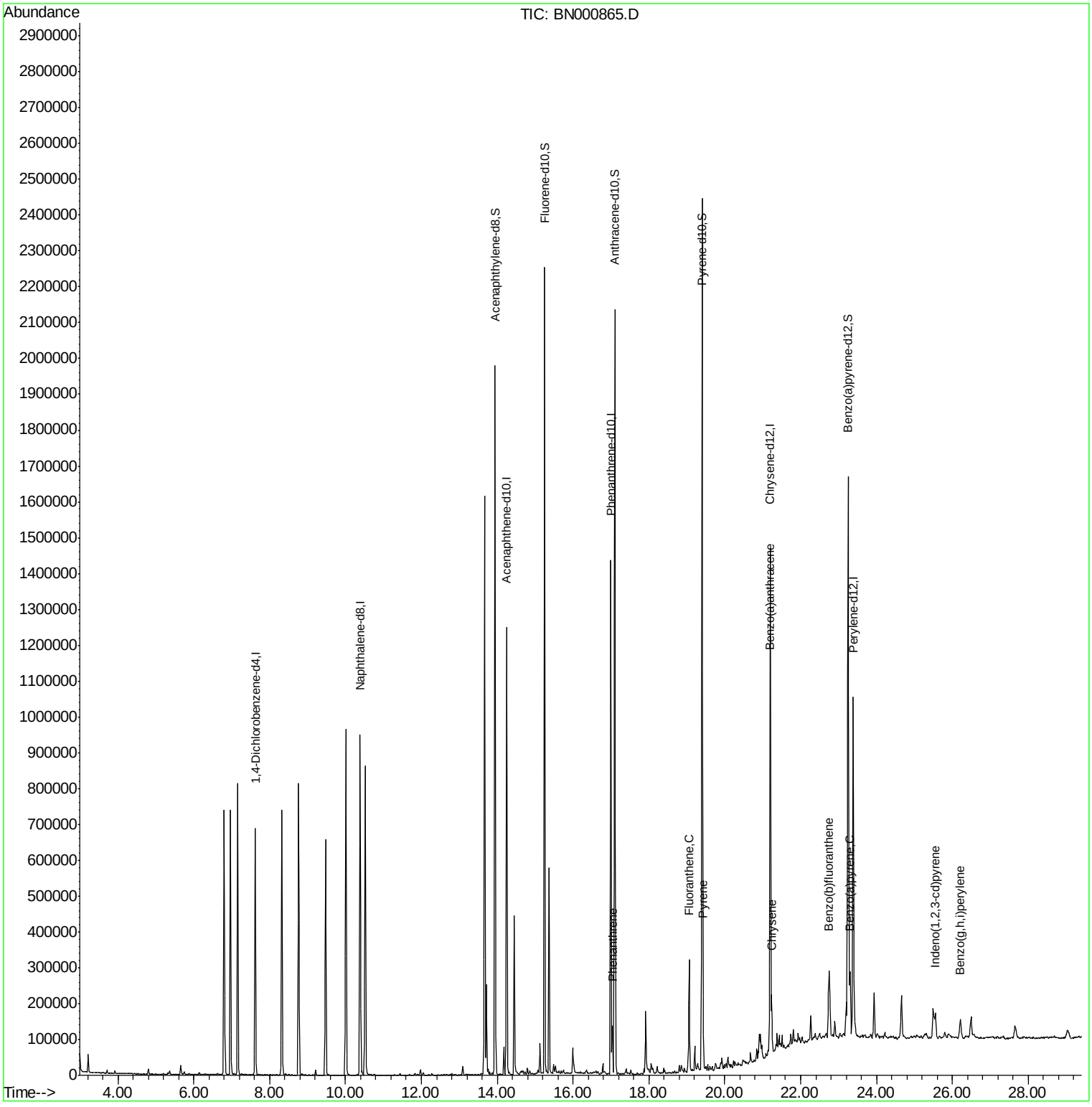
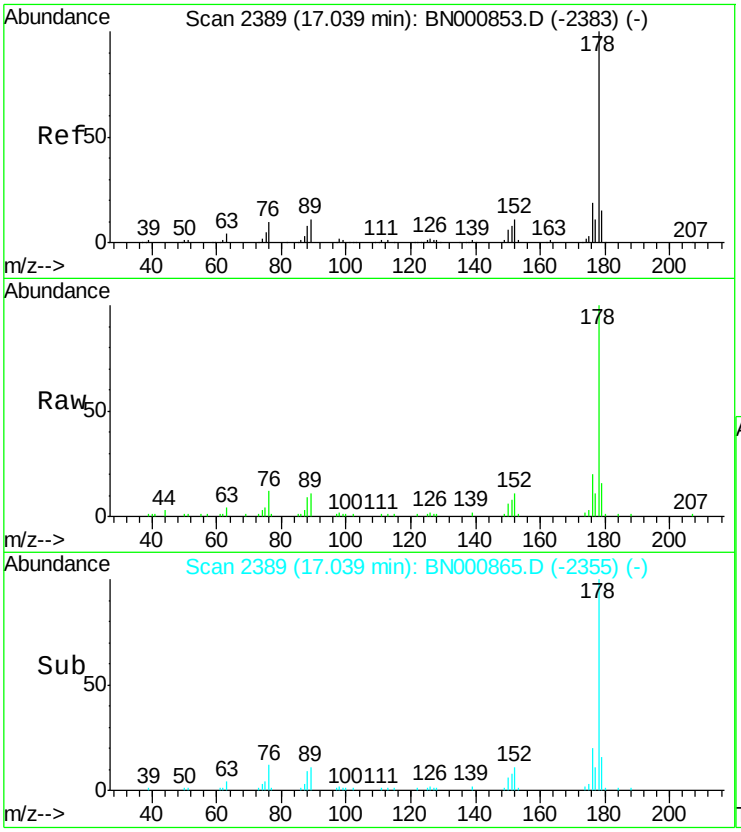
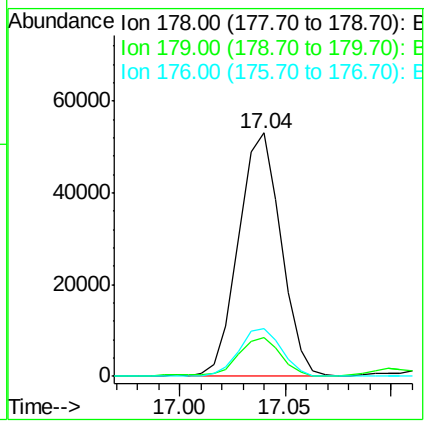




#13
Phenanthrene
Concen: 1.826 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:178 Resp: 74171

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.8	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DARR1

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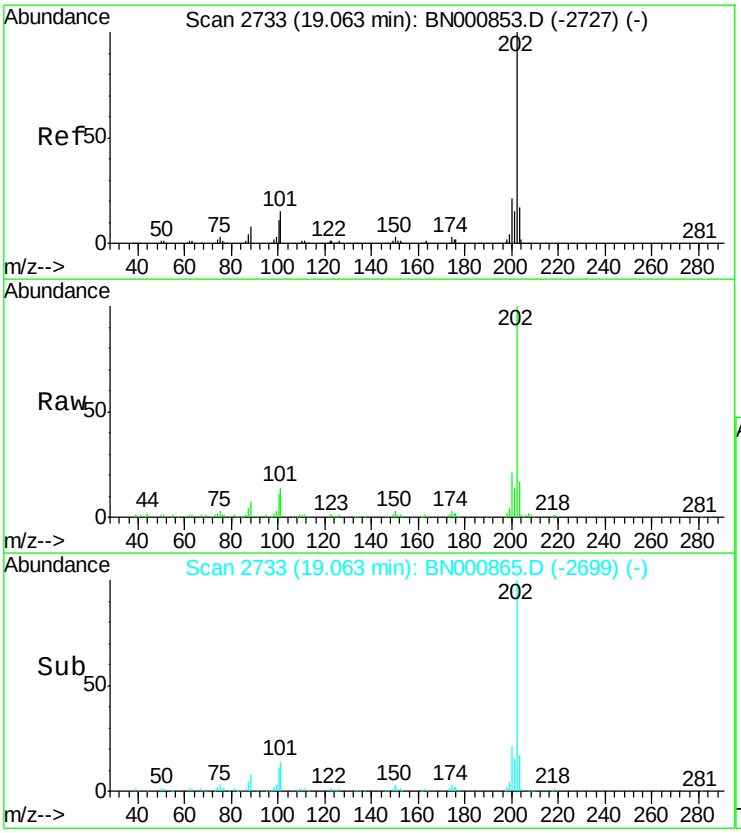
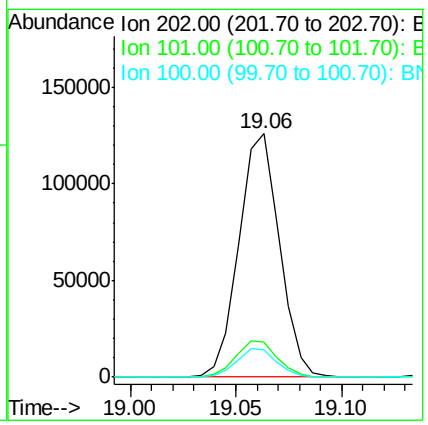
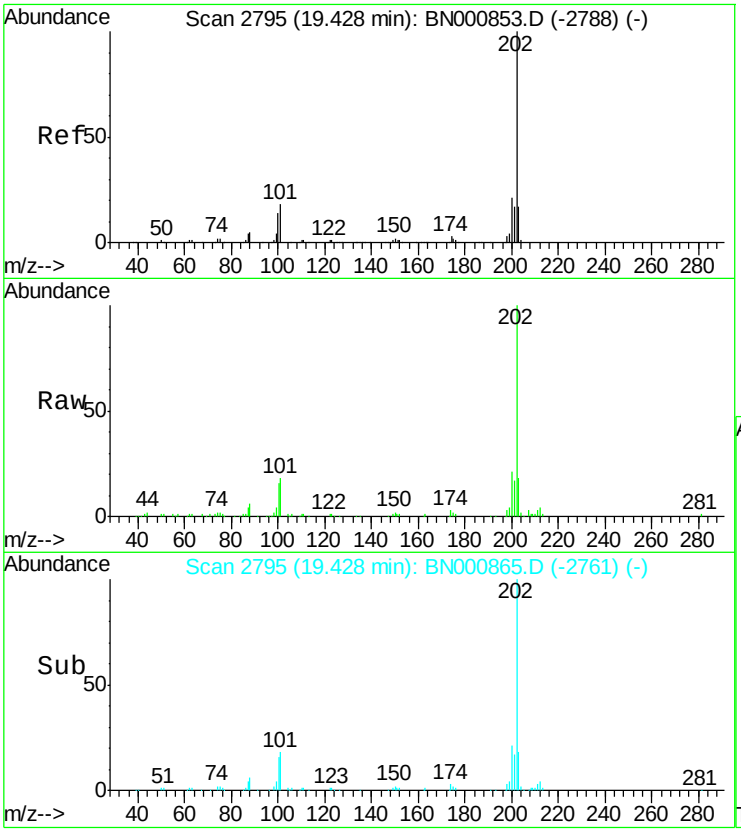


#16
Fluoranthene
Concen: 4.073 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:202 Resp: 167840

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.9	14.9
100	11.0	7.4	11.0





#19
Pyrene
Concen: 3.977 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:202 Resp: 146402

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	15.7	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DARR1

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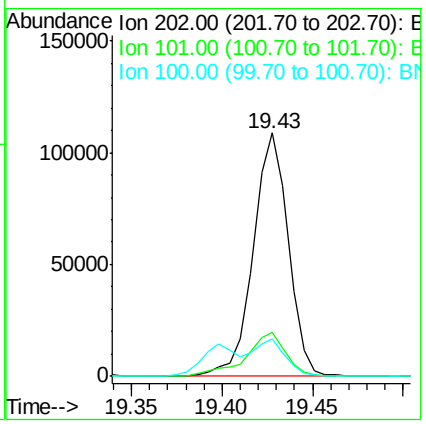
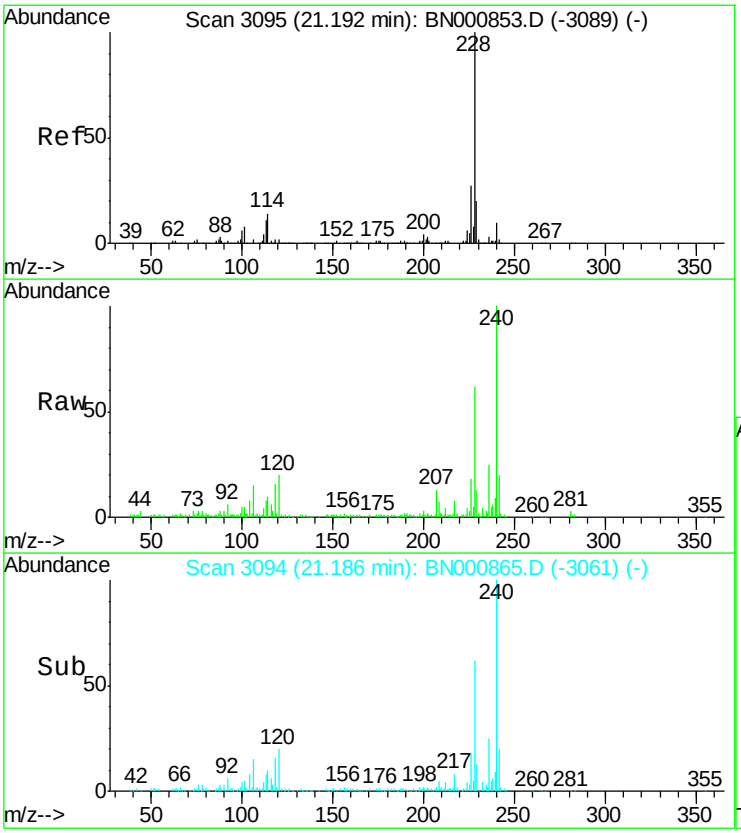
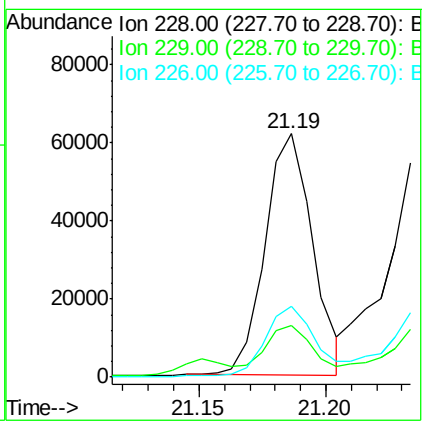


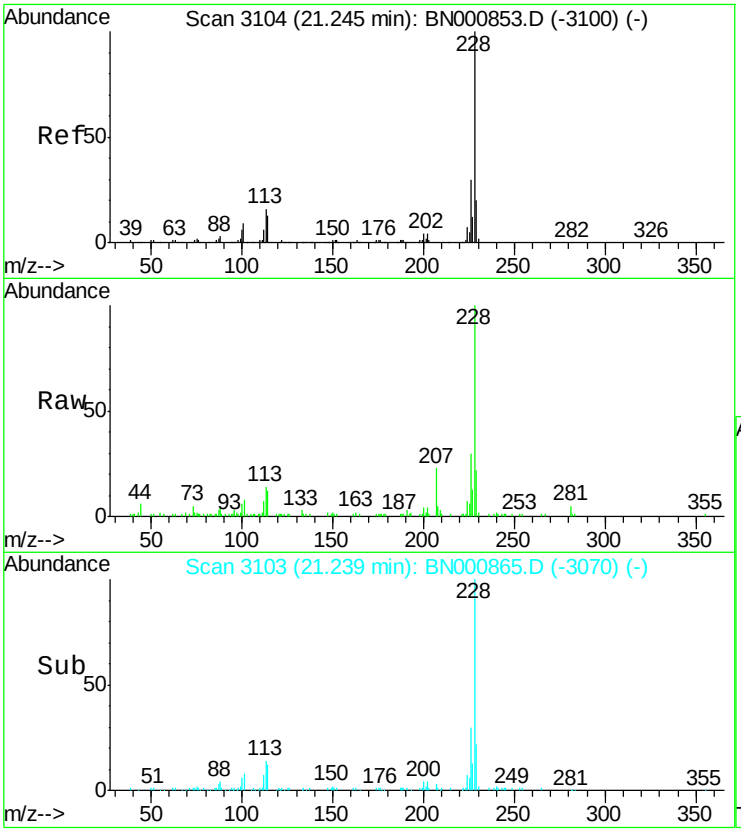


#20
Benzo(a)anthracene
Concen: 2.341 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:228 Resp: 80217

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	29.3	21.1	31.7

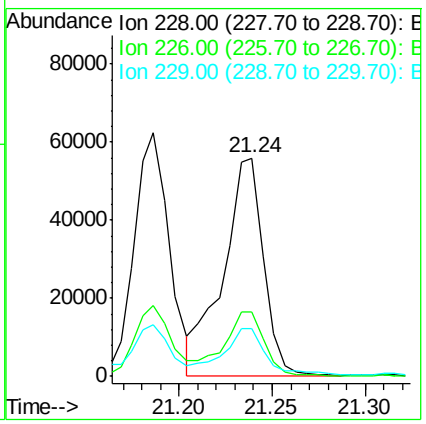




#21
Chrysene
Concen: 2.668 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:228 Resp: 85910

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	22.0	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DARR1

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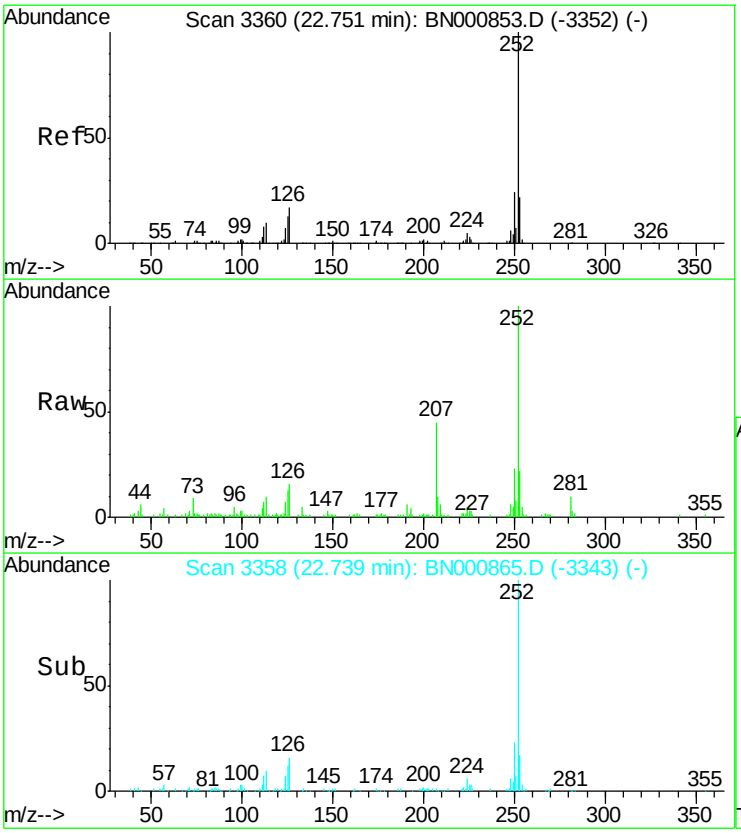
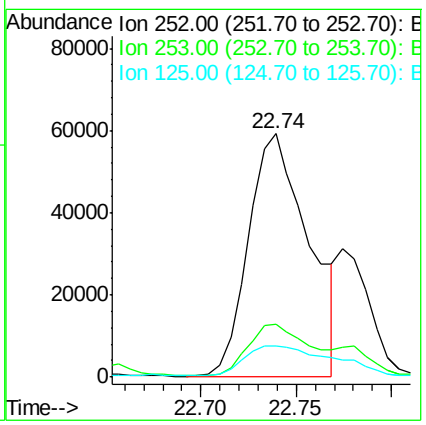
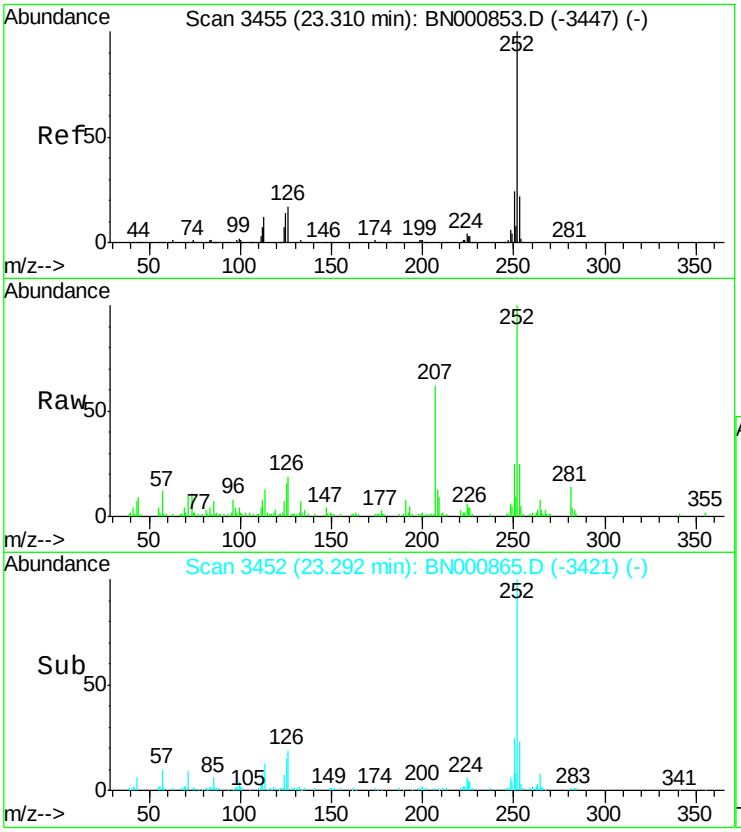


#23
Benzo(b)fluoranthene
Concen: 3.972 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:252 Resp: 131100

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	12.8	8.0	12.0#

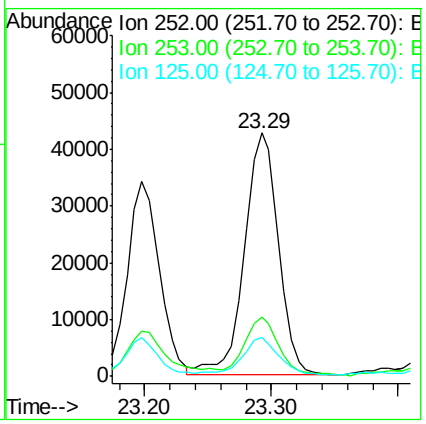




#26
Benzo(a)pyrene
Concen: 2.508 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:252 Resp: 79116

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	15.9	8.2	12.4#



Instrument :
BNA_N
ClientSampleId :
DARR1

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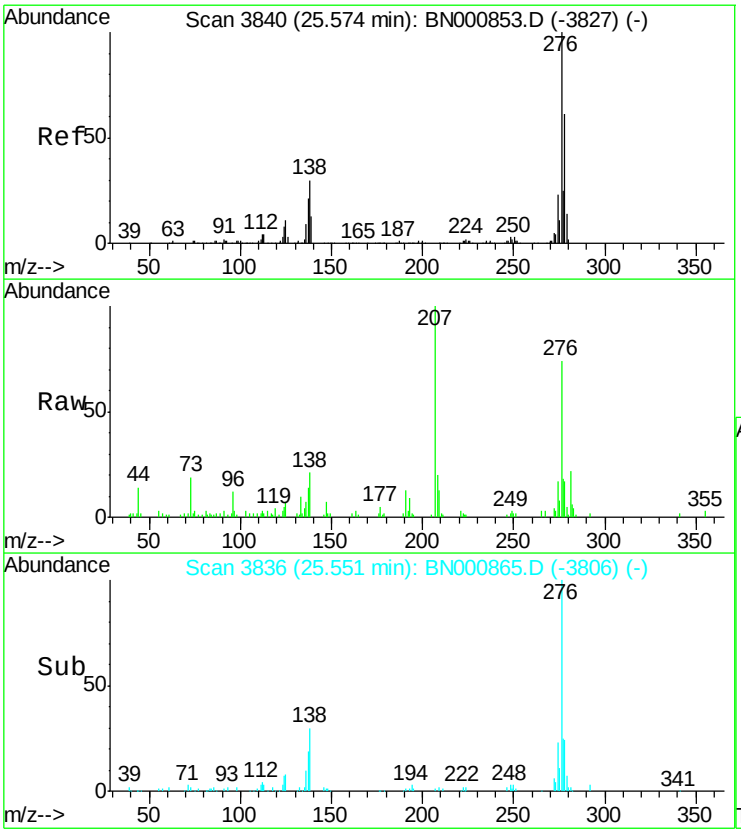
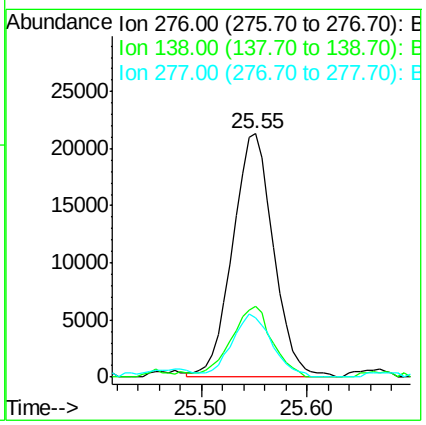
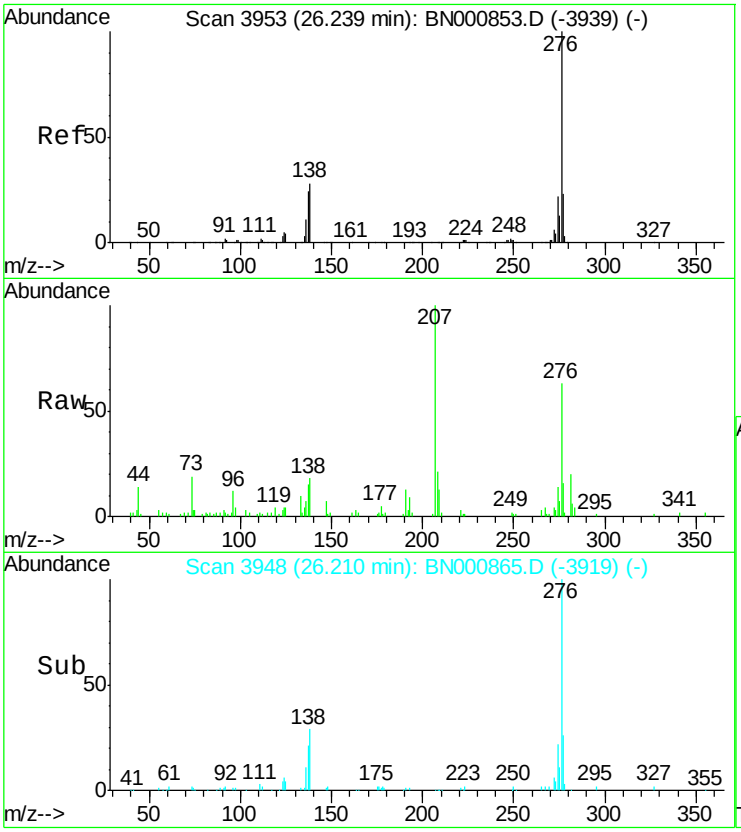


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.504 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.02 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:276 Resp: 57280

Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	24.1	18.0	27.0

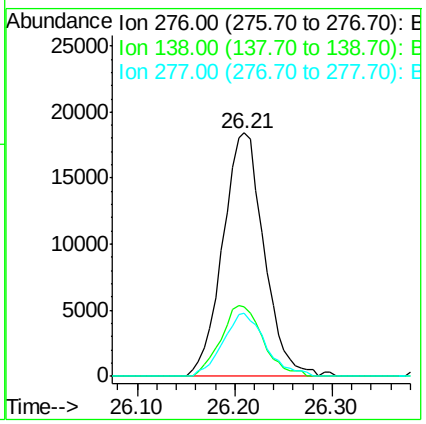




#29
Benzo(g,h,i)perylene
Concen: 1.697 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. -0.03 min
Lab File: BN000865.D
Acq: 24 Apr 2018 23:45

Tgt Ion:276 Resp: 54070

Ion	Ratio	Lower	Upper
276	100		
138	28.8	15.3	22.9#
277	25.8	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DARR1

Manual Integrations APPROVED
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