Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000850.D
Acq On : 24 Apr 2018 15:05
Operator : JU/SJ
Sample : J2443-17MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DARR5MS

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:13 PM

Quant Time: Apr 25 07:41:18 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	133295	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	566227	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282366	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	556252	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	524114	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	540121	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	450262	16.60	ng/ul	0.00
10) Fluorene-d10	15.25	176	323657	17.88	ng/ul	0.00
14) Anthracene-d10	17.09	188	440307	17.31	ng/ul	0.00
18) Pyrene-d10	19.40	212	472970	17.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	495551	19.42	ng/ul	0.02
Target Compounds						Qvalue
9) Acenaphthene	14.32	153	347876	18.759	ng/ul	95
16) Fluoranthene	19.06	202	94862	3.082	ng/ul#	93
19) Pyrene	19.43	202	759404	22.558	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	73826	2.356	ng/ul	94
21) Chrysene	21.24	228	73238m	2.487	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	153184m	4.990	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	43224m	1.439	ng/ul	
26) Benzo(a)pyrene	23.31	252	96916	3.304	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.57	276	68105	1.922	ng/ul#	86
29) Benzo(g,h,i)perylene	26.23	276	63043	2.127	ng/ul#	92

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

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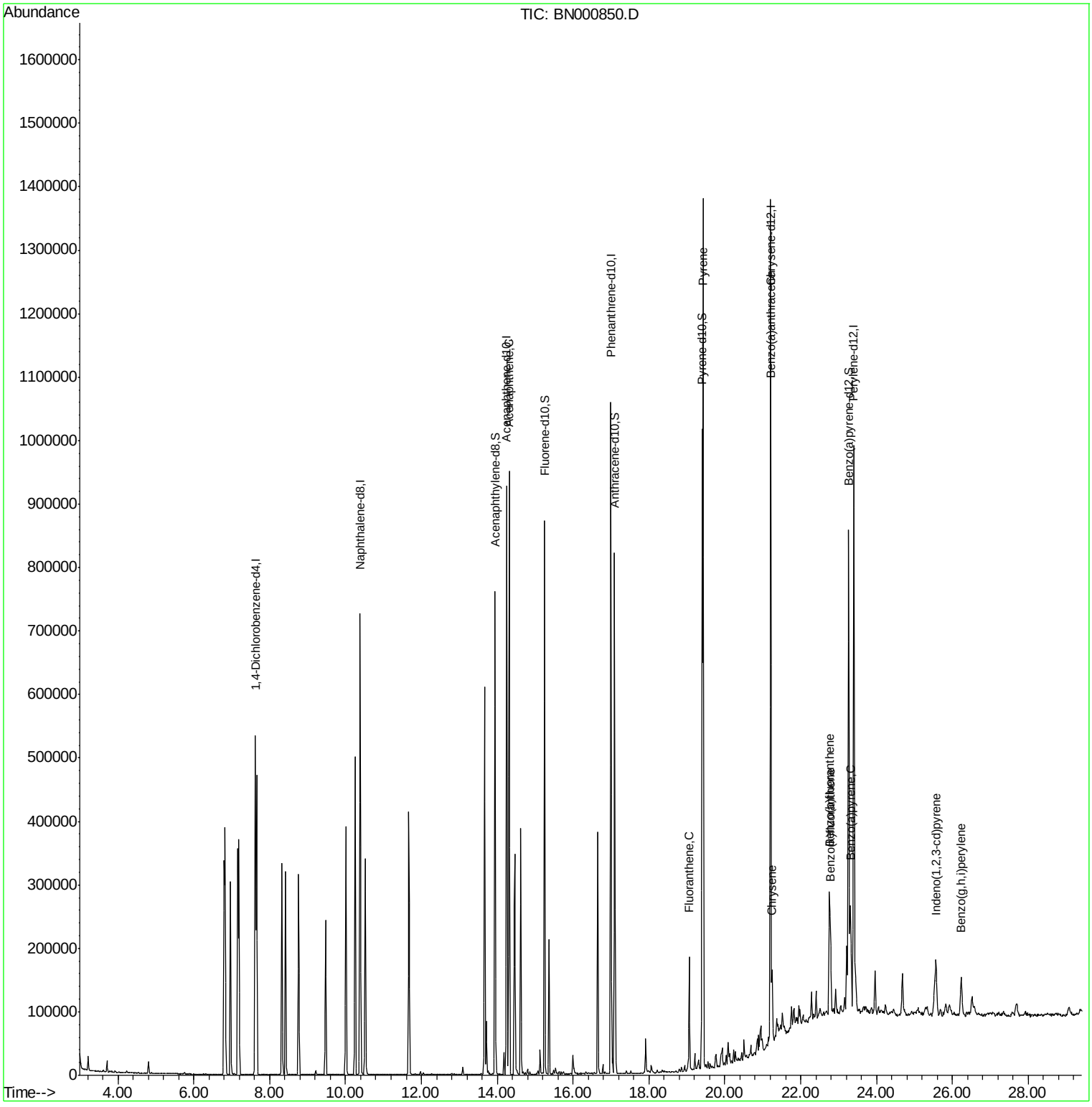
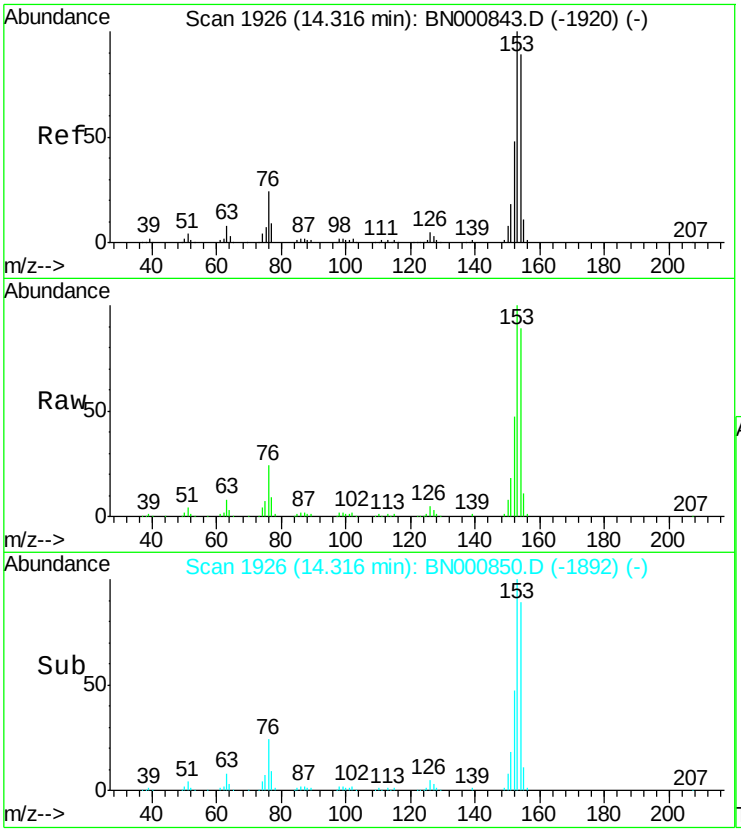
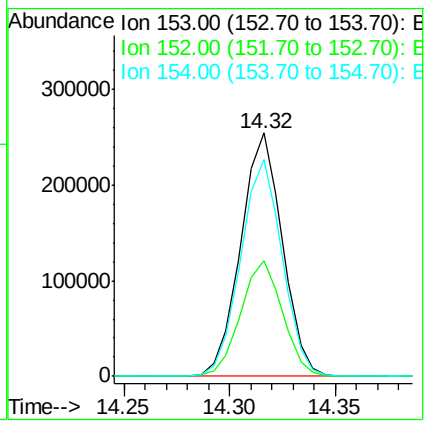




#9
Acenaphthene
Concen: 18.759 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:153 Resp: 347876

Ion	Ratio	Lower	Upper
153	100		
152	47.3	39.0	58.6
154	89.1	66.8	100.2



Instrument :
BNA_N
ClientSampleId :
DARR5MS

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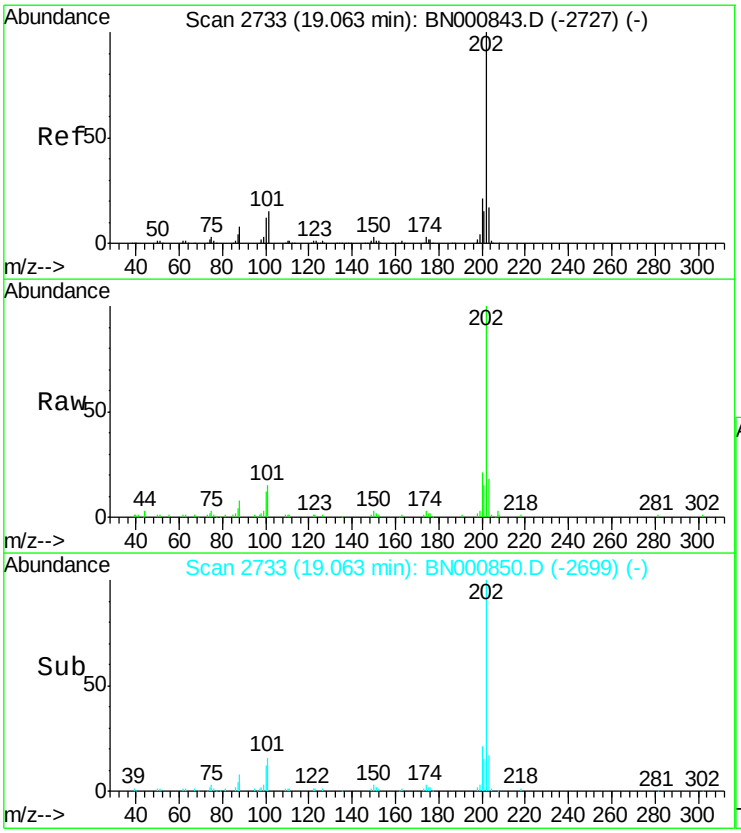
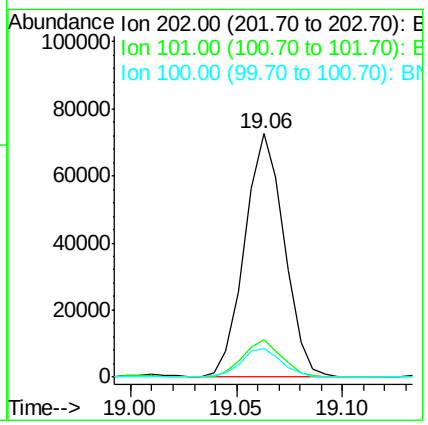
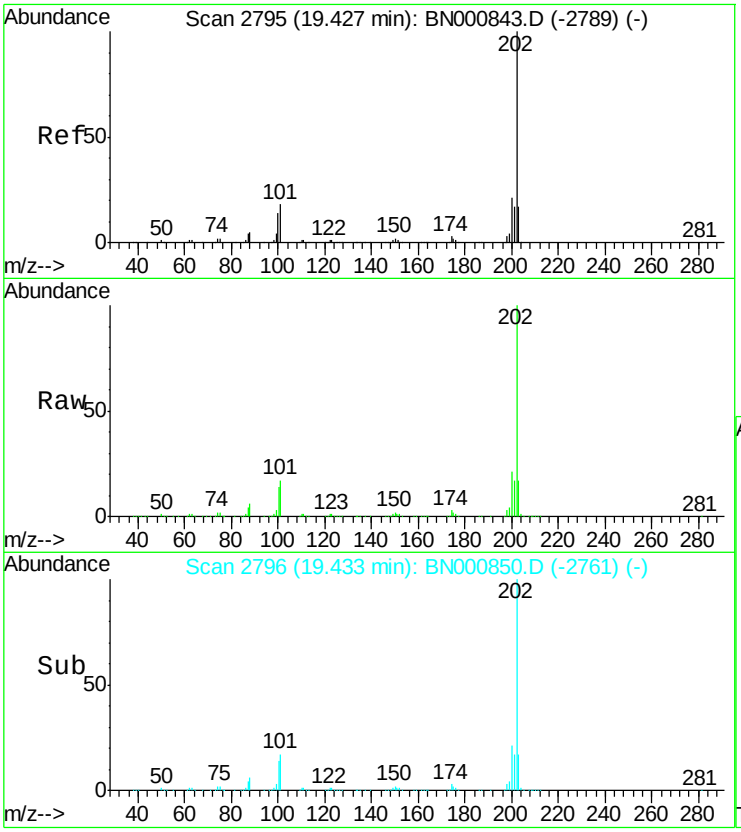


#16
Fluoranthene
Concen: 3.082 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:202 Resp: 94862

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.7	7.4	11.0#





#19
Pyrene
Concen: 22.558 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:202 Resp: 759404

Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.0	16.4#
100	13.6	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DARR5MS

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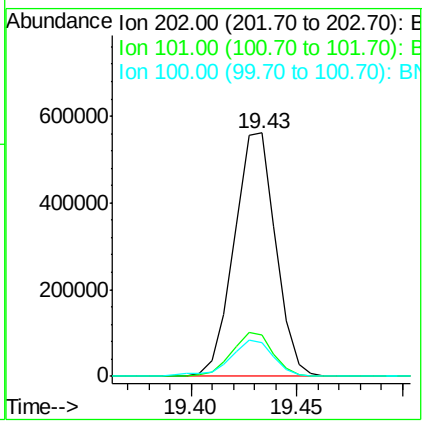
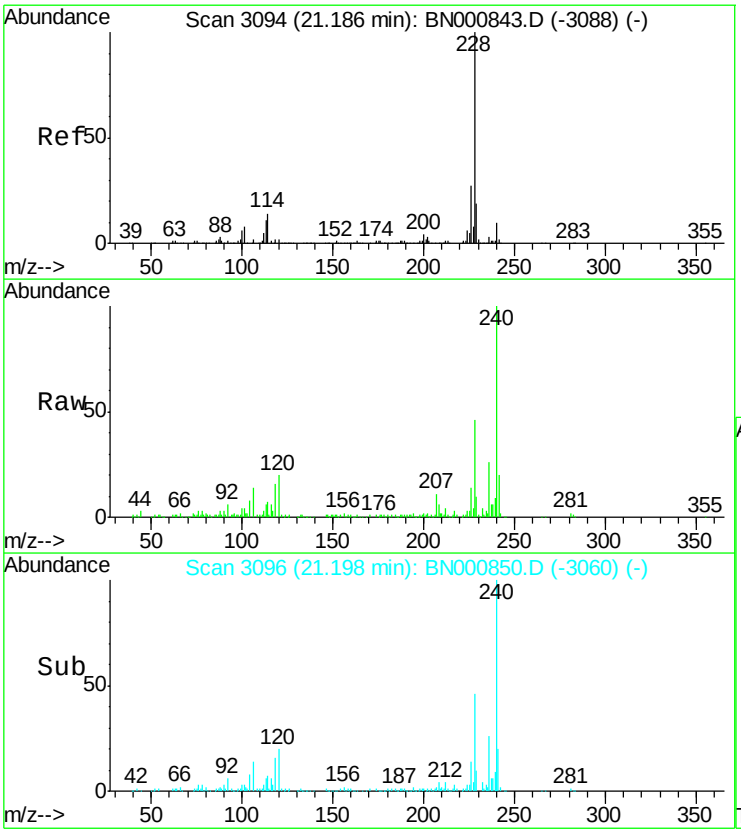
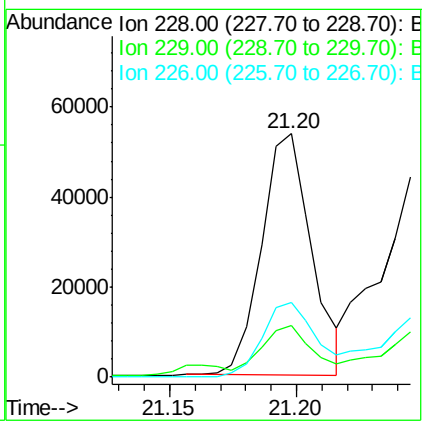


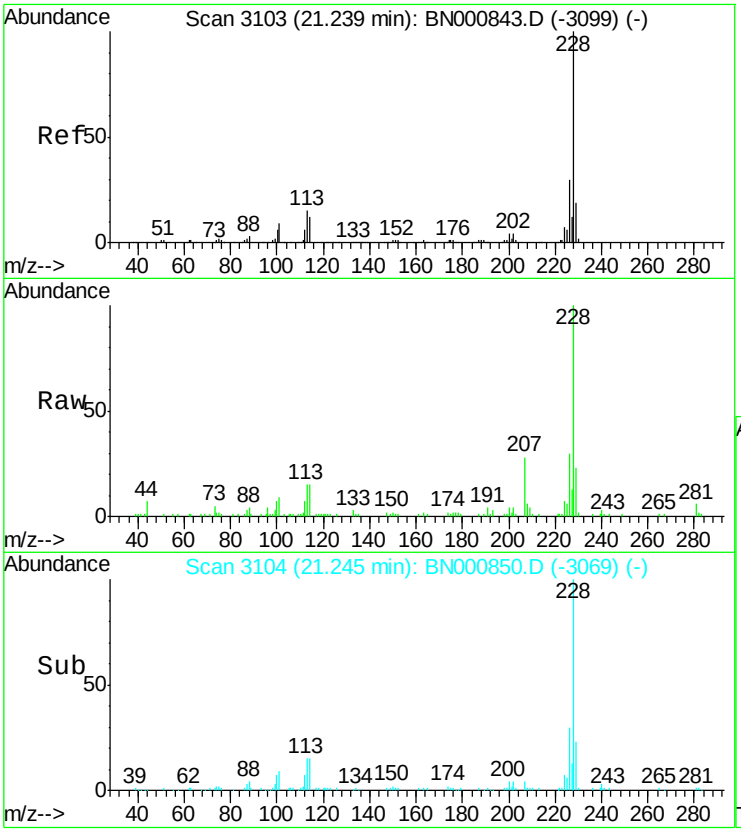


#20
Benzo(a)anthracene
Concen: 2.356 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:228 Resp: 73826

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	30.4	21.1	31.7

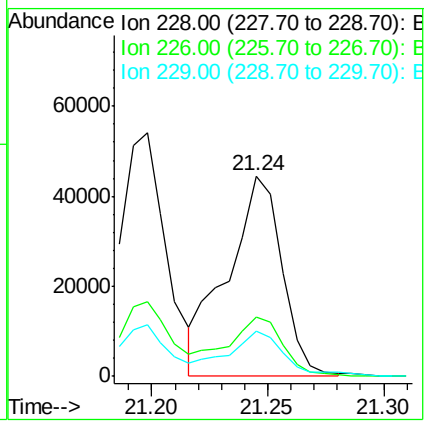




#21
Chrysene
Concen: 2.487 ng/ul m
RT: 21.24 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:228 Resp: 73238

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.7	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DARR5MS

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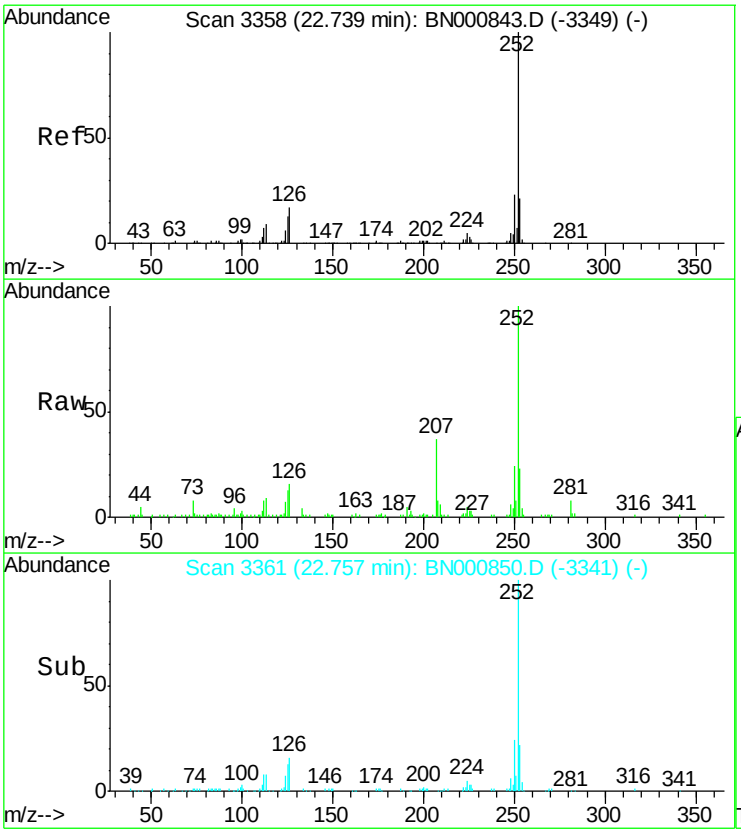
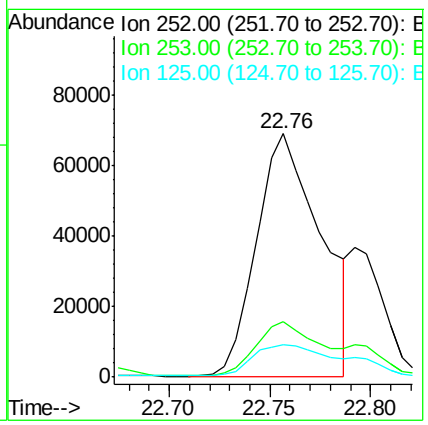
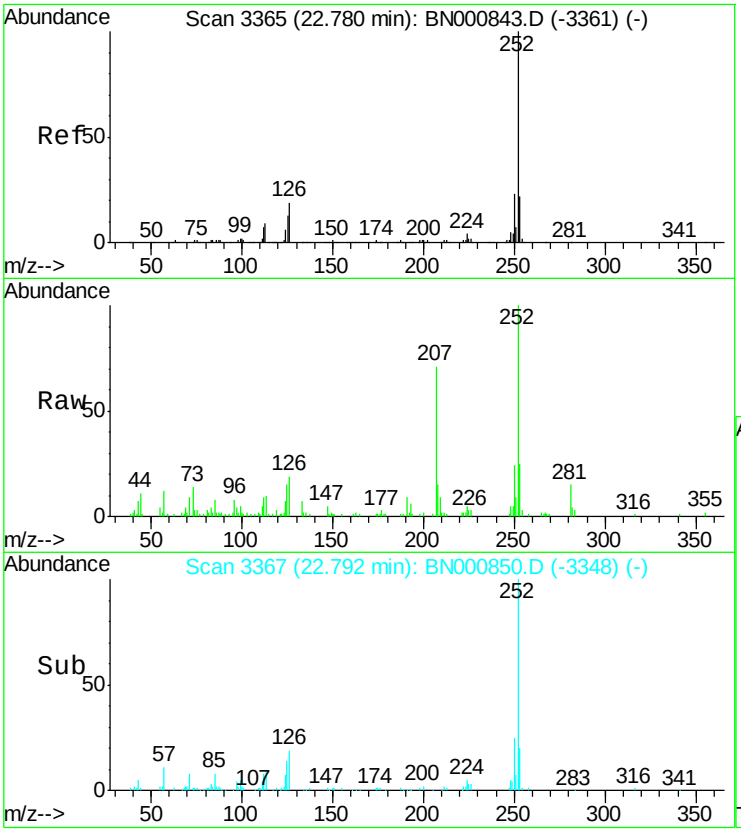


#23
Benzo(b)fluoranthene
Concen: 4.990 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:252 Resp: 153184

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.2	8.0	12.0#

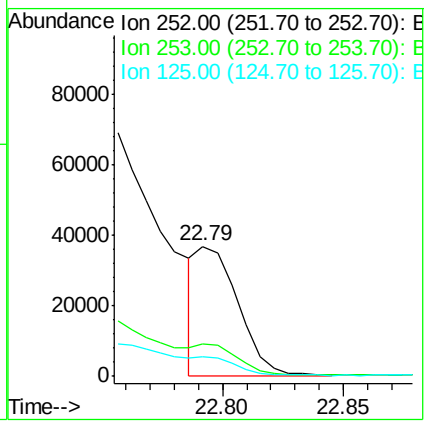




#24
Benzo(k)fluoranthene
Concen: 1.439 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:252 Resp: 43224

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.1	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DARR5MS

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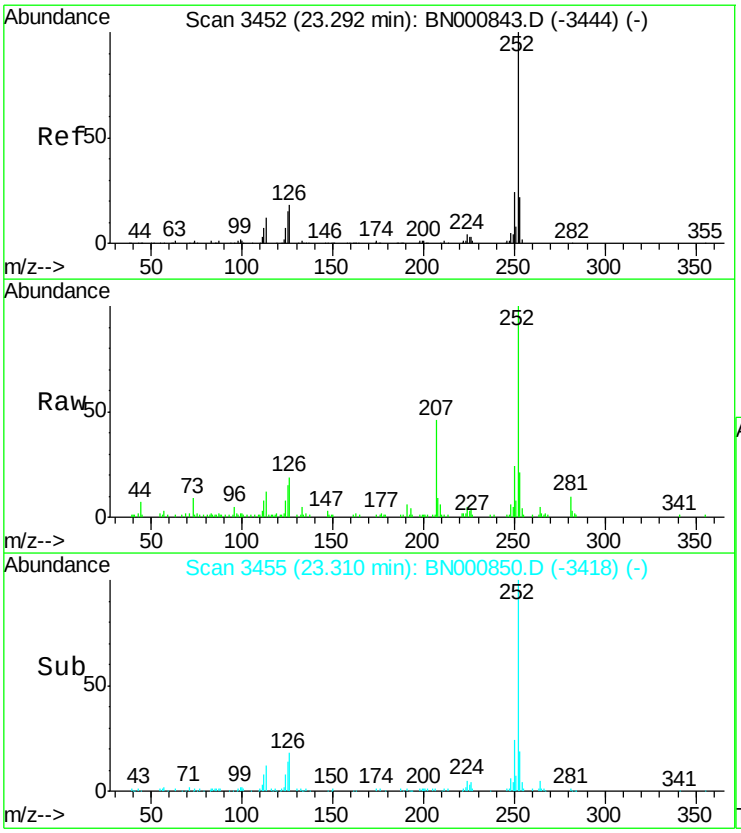
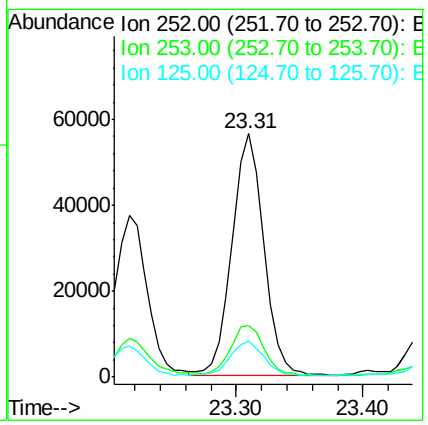
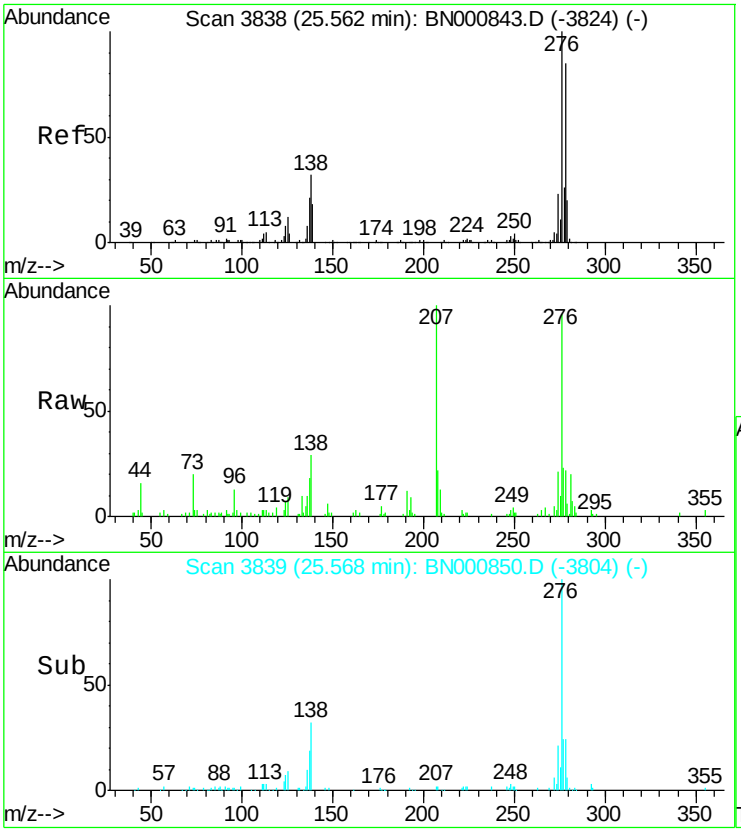


#26
Benzo(a)pyrene
Concen: 3.304 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.02 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:252 Resp: 96916

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	14.8	8.2	12.4#

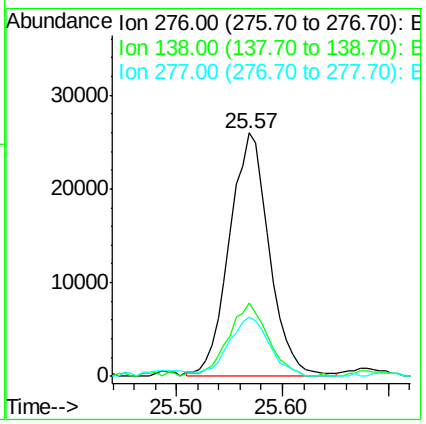




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.922 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:276 Resp: 68105

Ion	Ratio	Lower	Upper
276	100		
138	30.2	14.4	21.6#
277	24.1	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DARR5MS

Manual Integrations APPROVED
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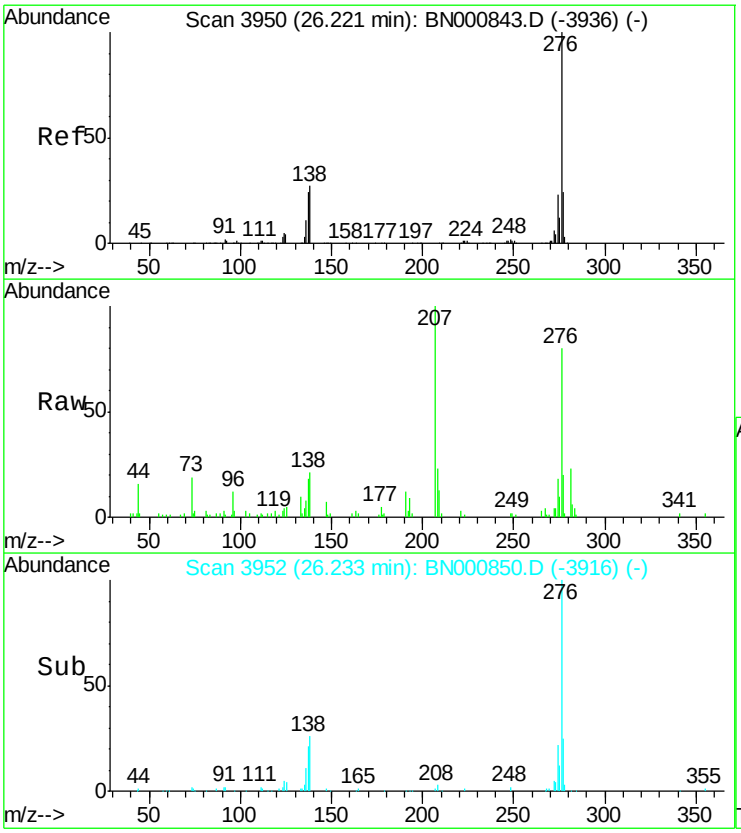

#29
Benzo(g,h,i)perylene
Concen: 2.127 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. 0.01 min
Lab File: BN000850.D
Acq: 24 Apr 2018 15:05

Tgt Ion:276 Resp: 63043

Ion	Ratio	Lower	Upper
276	100		
138	25.9	15.3	22.9#
277	25.0	19.0	28.4