Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001032.D
Acq On : 01 May 2018 16:10
Operator : JU/SJ
Sample : J2599-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT33

Manual Integrations APPROVED
Sohil
5/2/2018 11:09:42 AM

Quant Time: May 02 07:38:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:19:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	104053	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	431946	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	212905	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	442025	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	429036	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	450864	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	515896	25.23	ng/ul	0.00
10) Fluorene-d10	15.25	176	360021	26.38	ng/ul	0.00
14) Anthracene-d10	17.10	188	524245	25.94	ng/ul	0.00
18) Pyrene-d10	19.40	212	568361	25.85	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	607411	28.52	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	29499	1.224	ng/ul	99
16) Fluoranthene	19.07	202	124138	5.075	ng/ul#	94
19) Pyrene	19.43	202	102963	3.736	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	54793m	2.136	ng/ul	
21) Chrysene	21.25	228	70226m	2.913	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	104241m	4.068	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	33519m	1.337	ng/ul	
26) Benzo(a)pyrene	23.31	252	59888	2.446	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.58	276	51755	1.750	ng/ul#	90
29) Benzo(g,h,i)perylene	26.25	276	48127	1.946	ng/ul#	89

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

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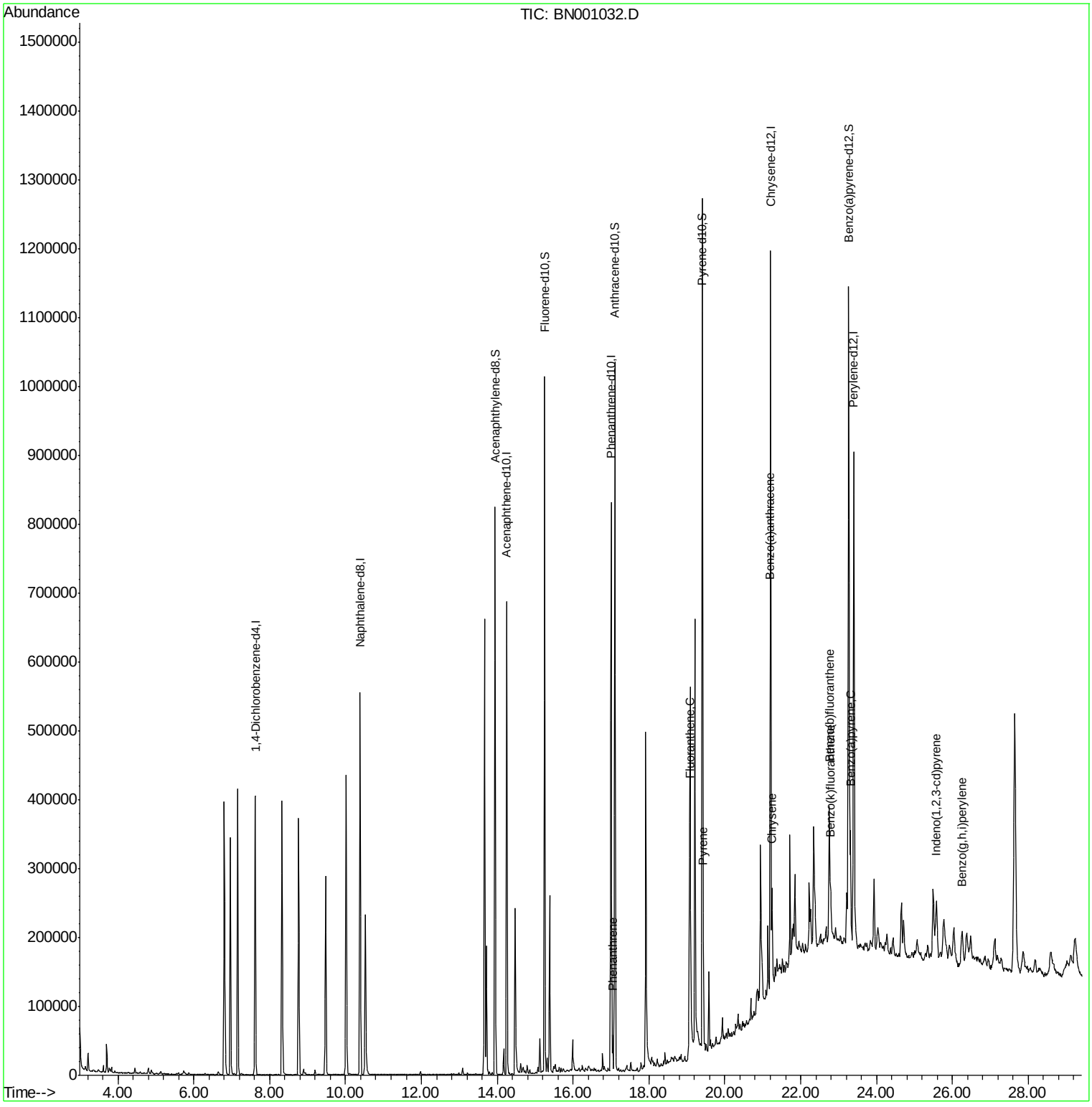
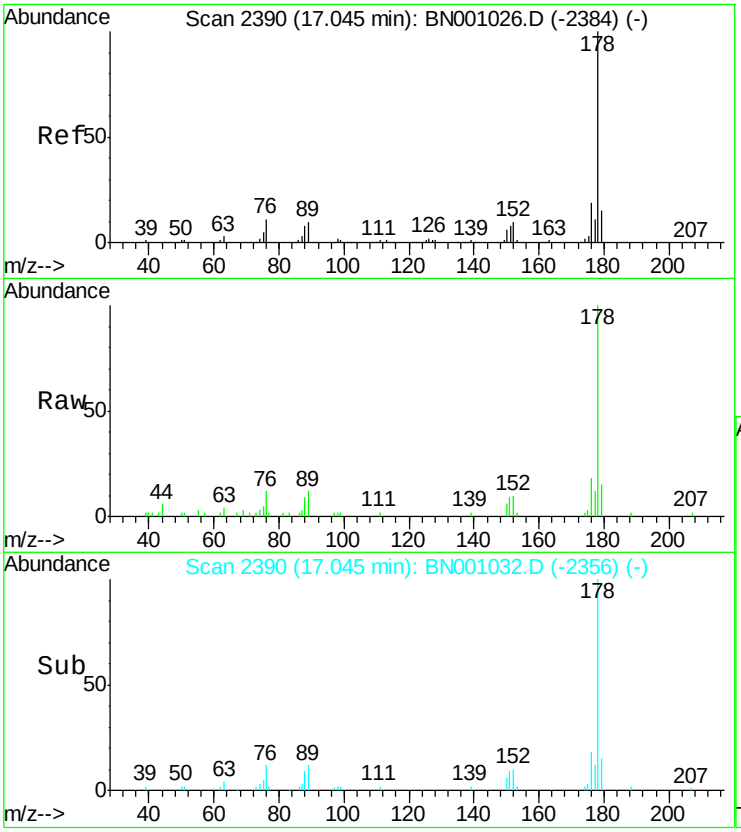
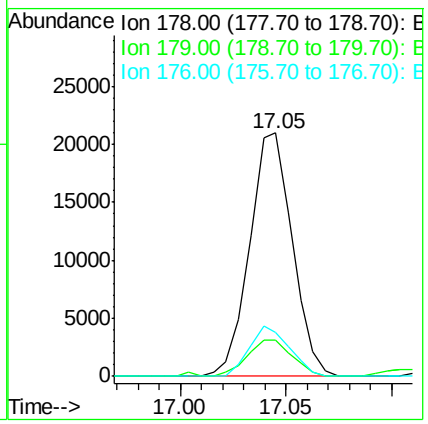




#13
Phenanthrene
Concen: 1.224 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:178 Resp: 29499

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAT33

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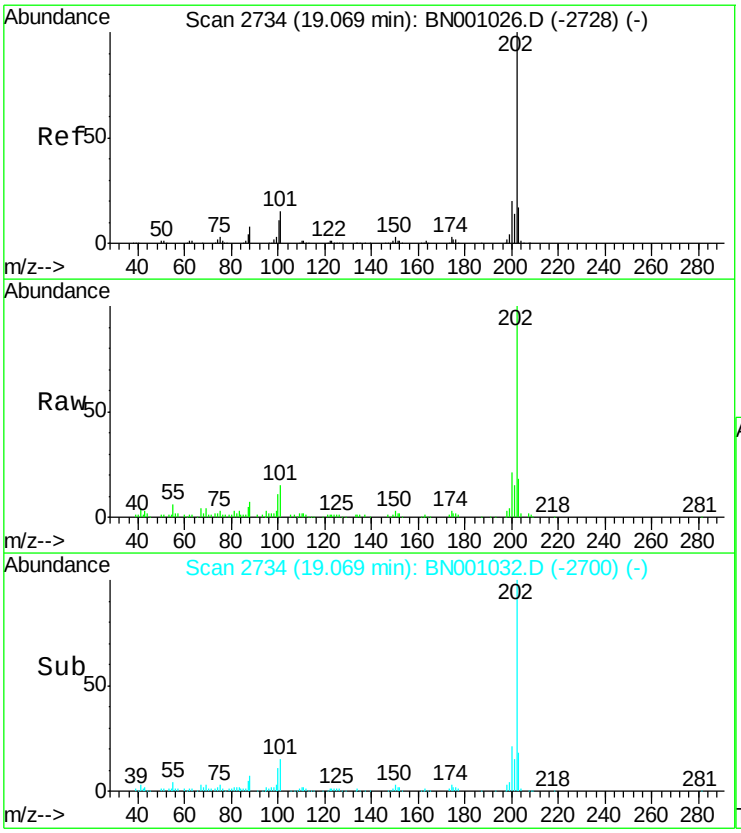
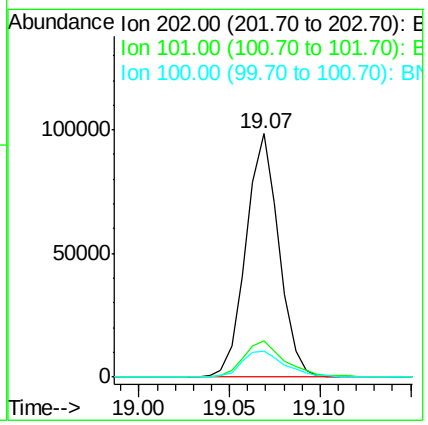
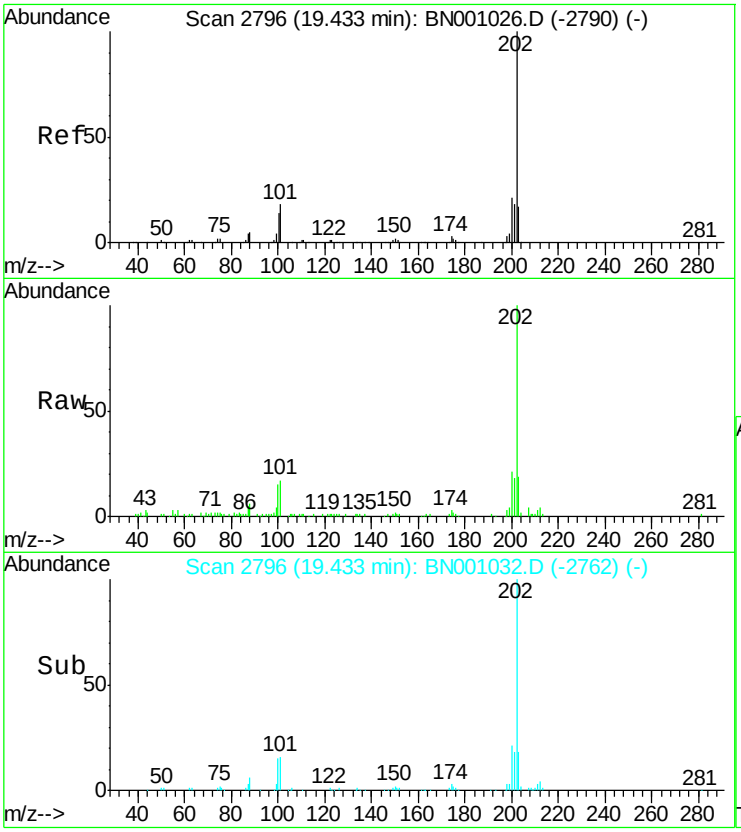


#16
Fluoranthene
Concen: 5.075 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:202 Resp: 124138

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	10.9	7.4	11.0





#19
Pyrene
Concen: 3.736 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:202 Resp: 102963

Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	14.7	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAT33

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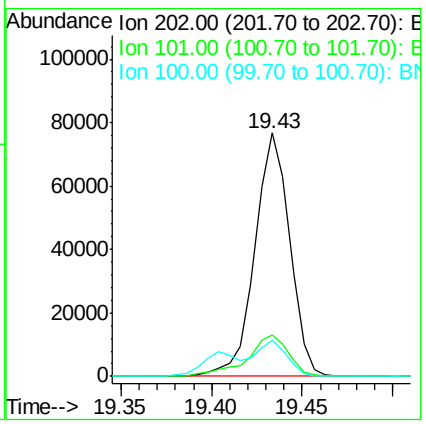
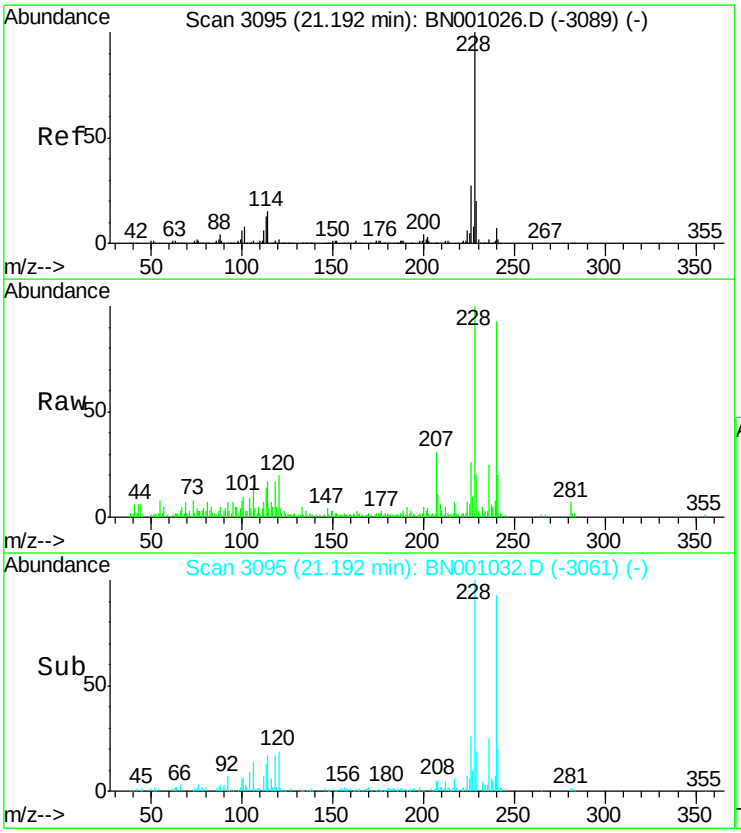
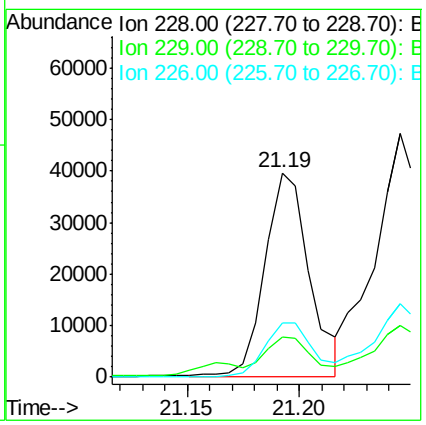


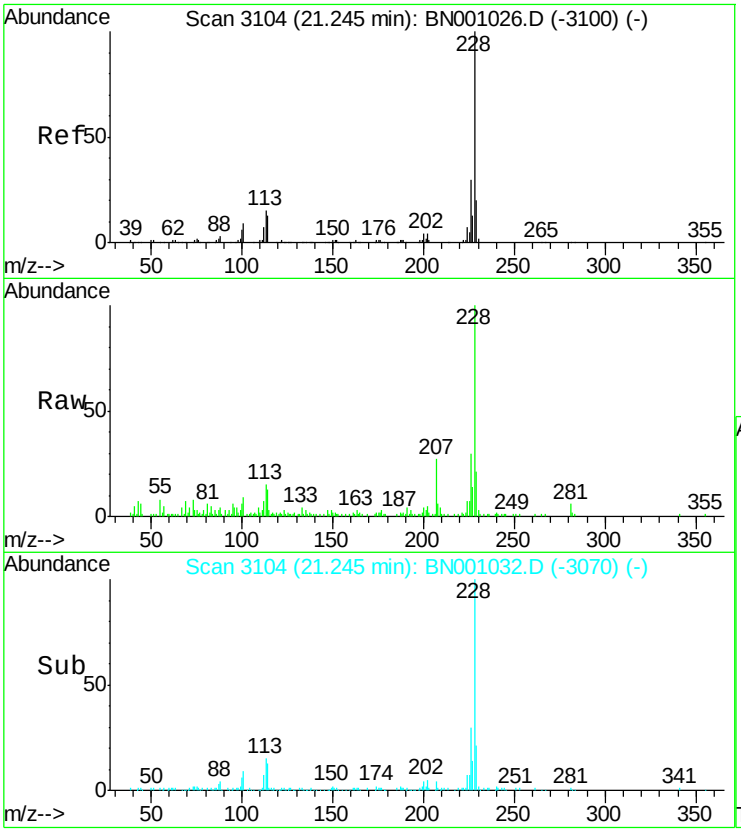


#20
Benzo(a)anthracene
Concen: 2.136 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:228 Resp: 54793

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.5	21.1	31.7

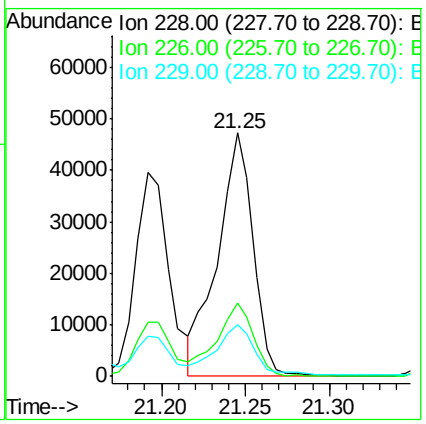




#21
Chrysene
Concen: 2.913 ng/ul m
RT: 21.25 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:228 Resp: 70226

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	21.3	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAT33

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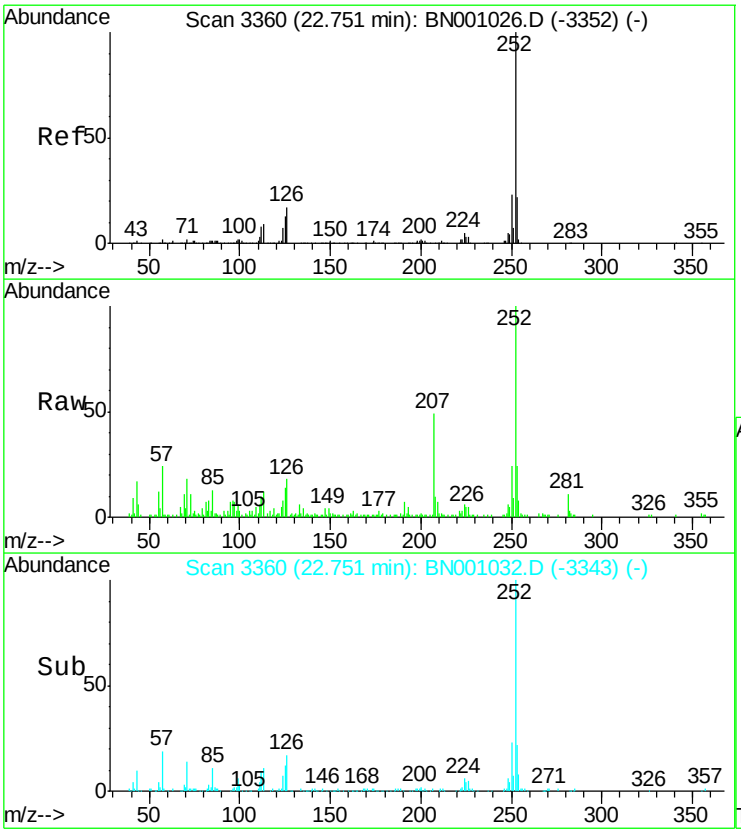
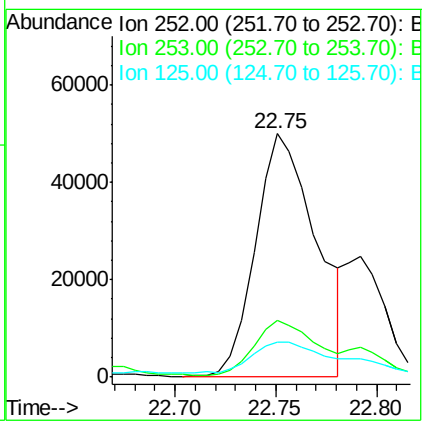
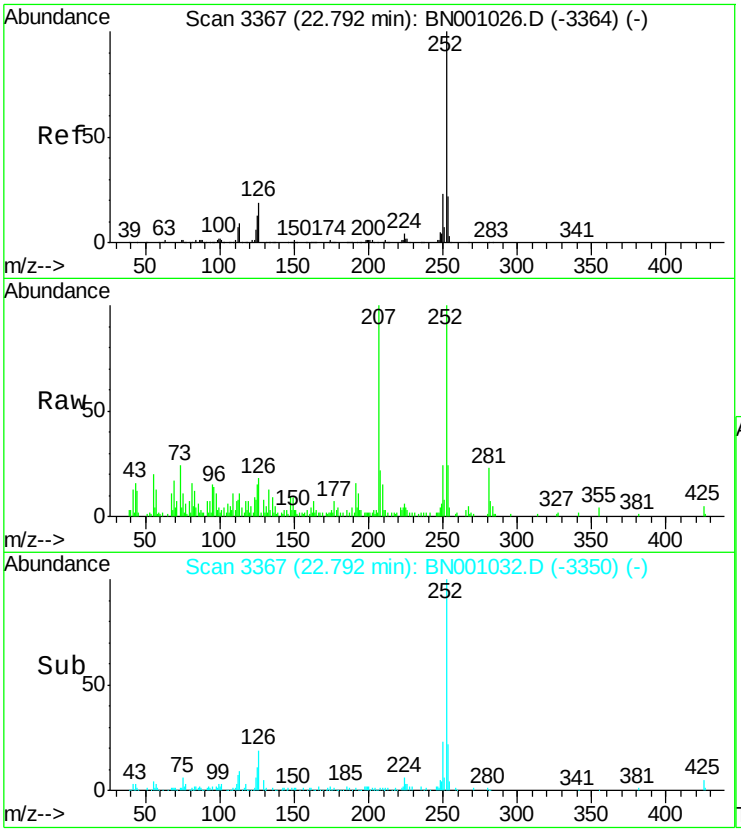


#23
Benzo(b)fluoranthene
Concen: 4.068 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:252 Resp: 104241

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.4	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 1.337 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:252 Resp: 33519

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.7	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAT33

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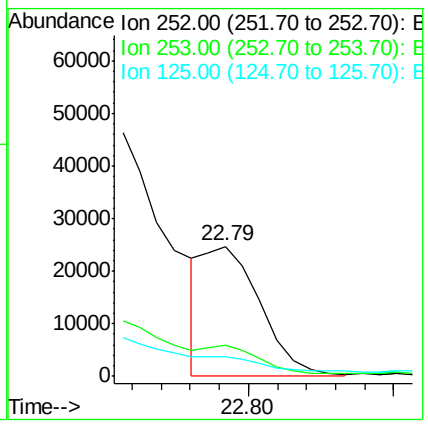
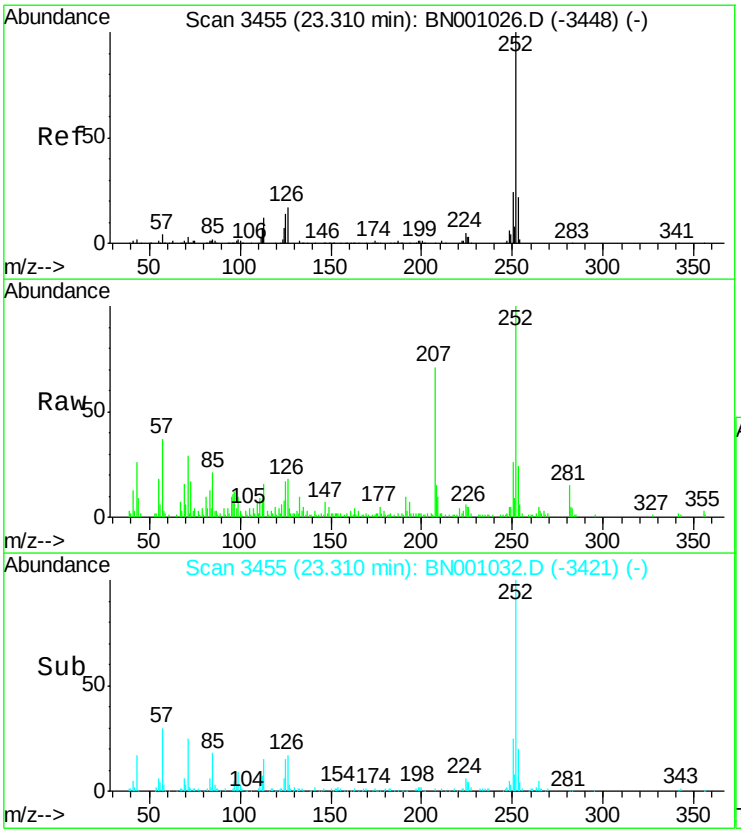
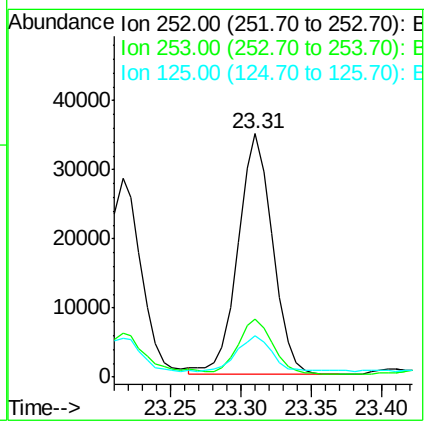


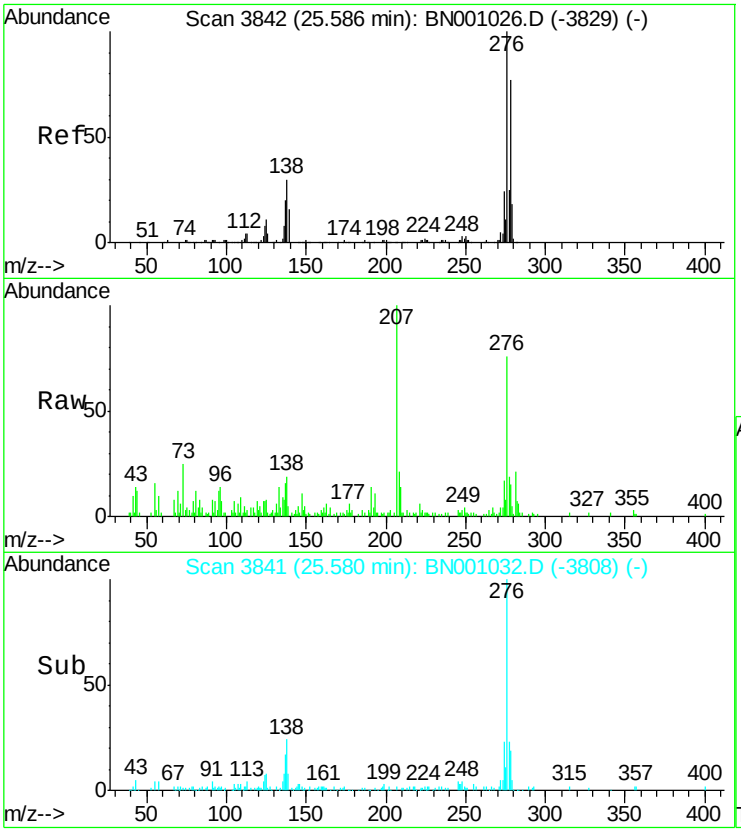


#26
Benzo(a)pyrene
Concen: 2.446 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:252 Resp: 59888

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	16.8	8.2	12.4#

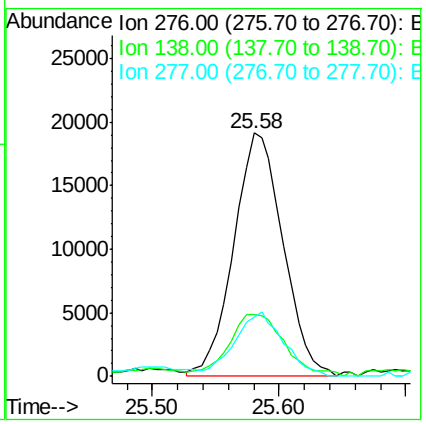




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.750 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:276 Resp: 51755

Ion	Ratio	Lower	Upper
276	100		
138	25.5	14.4	21.6#
277	24.5	18.0	27.0



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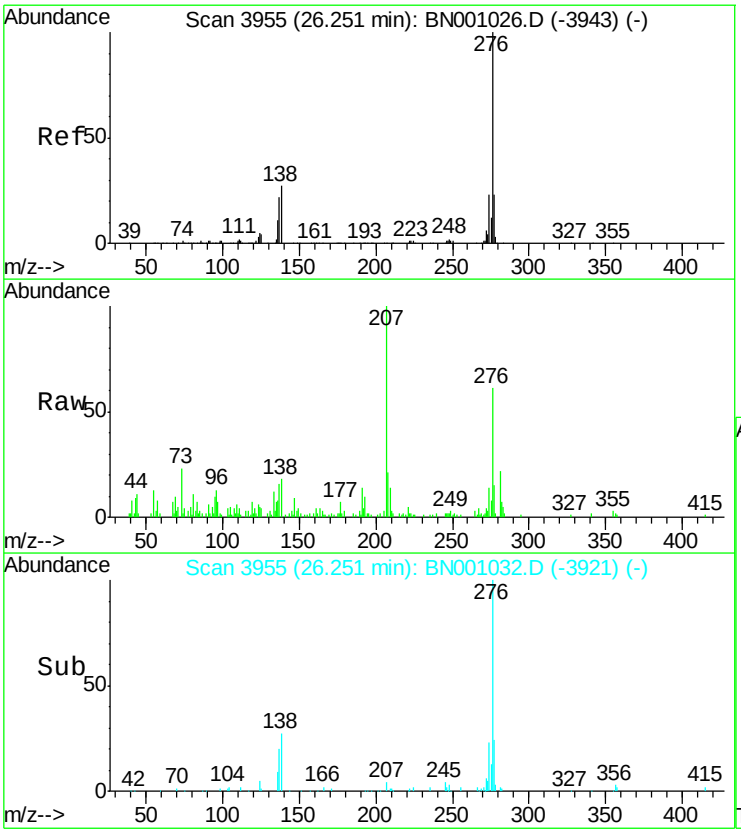

#29
Benzo(g,h,i)perylene
Concen: 1.946 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion:276 Resp: 48127

Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.3	22.9#
277	24.3	19.0	28.4