Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012251.D
Acq On : 16 Oct 2020 03:38
Operator : CG/JU
Sample : L4235-18
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ4

Manual Integrations APPROVED
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Quant Time: Oct 16 06:41:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 06:21:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1911	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8097	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4740	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10014	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8472	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	8967	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1851	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4197	0.15	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.05	178	1818	0.057	ng/ul	97
15) Fluoranthene	19.07	202	5545	0.149	ng/ul	95
17) Pyrene	19.44	202	5285	0.138	ng/ul#	96
18) Benzo(a)anthracene	21.19	228	2445m	0.078	ng/ul	
19) Chrysene	21.24	228	3485	0.091	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	4725m	0.130	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	1628m	0.041	ng/ul	
23) Benzo(a)pyrene	23.30	252	2608	0.074	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.57	276	2184	0.048	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1922	0.046	ng/ul#	76

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

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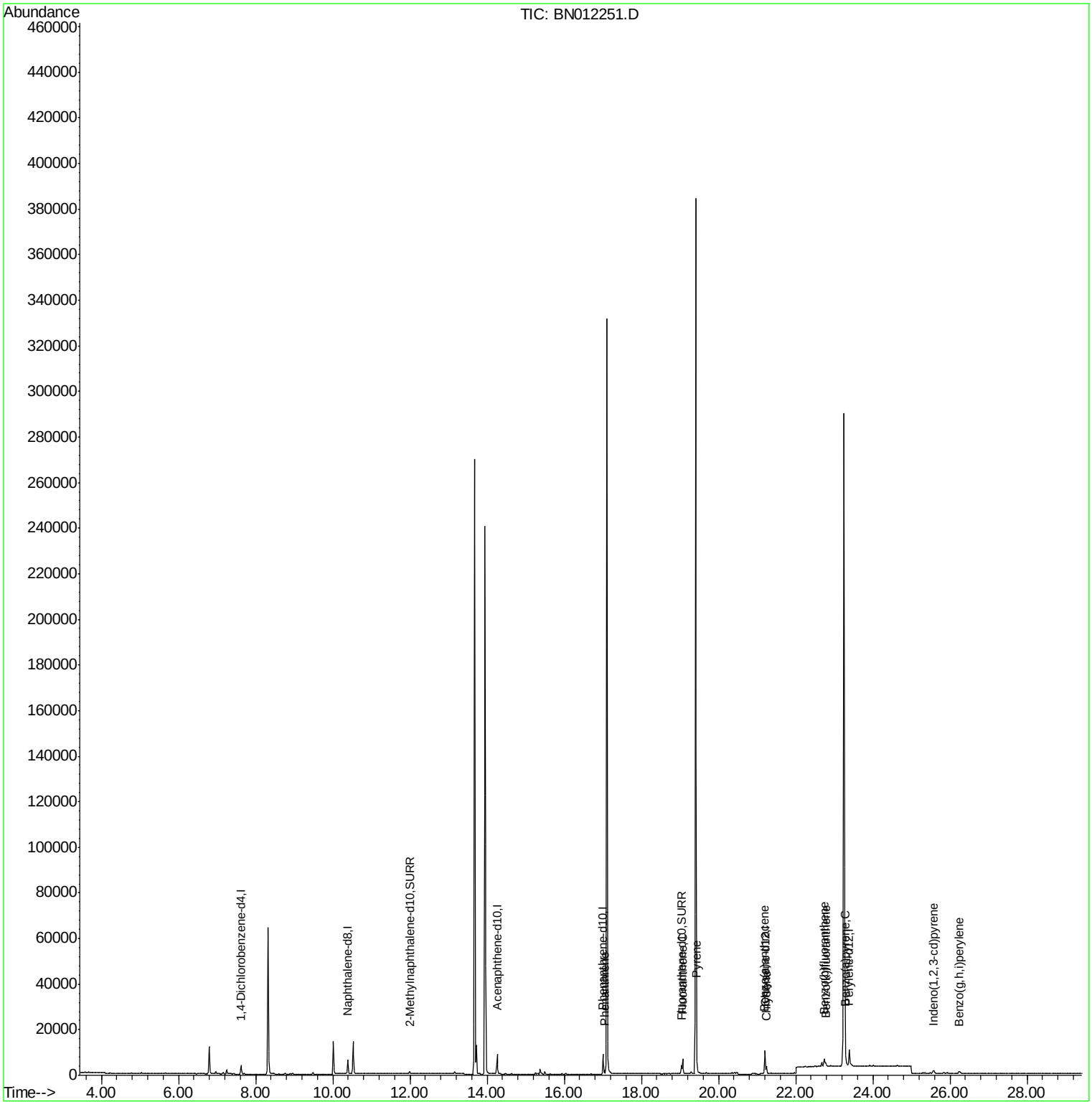
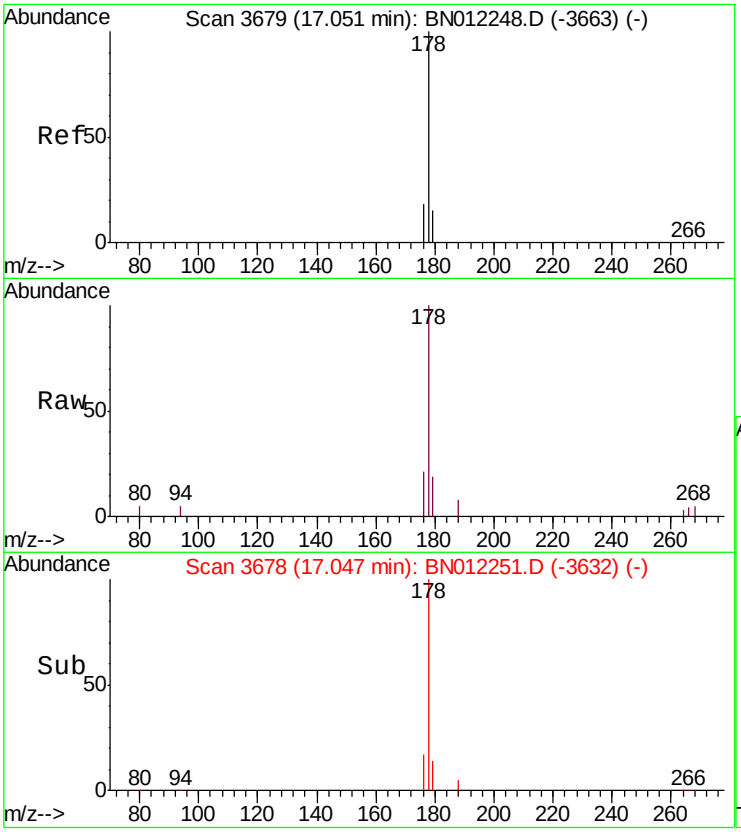
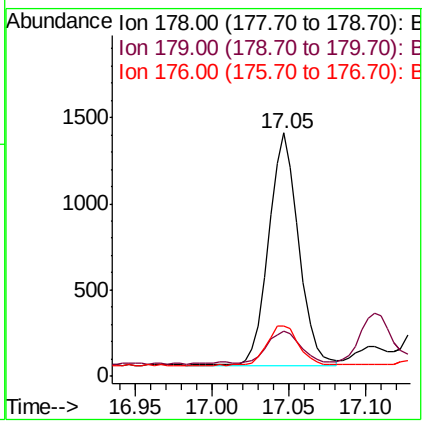




#12
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:178 Resp: 1818

Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.4	20.2
176	20.8	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
C0AQ4

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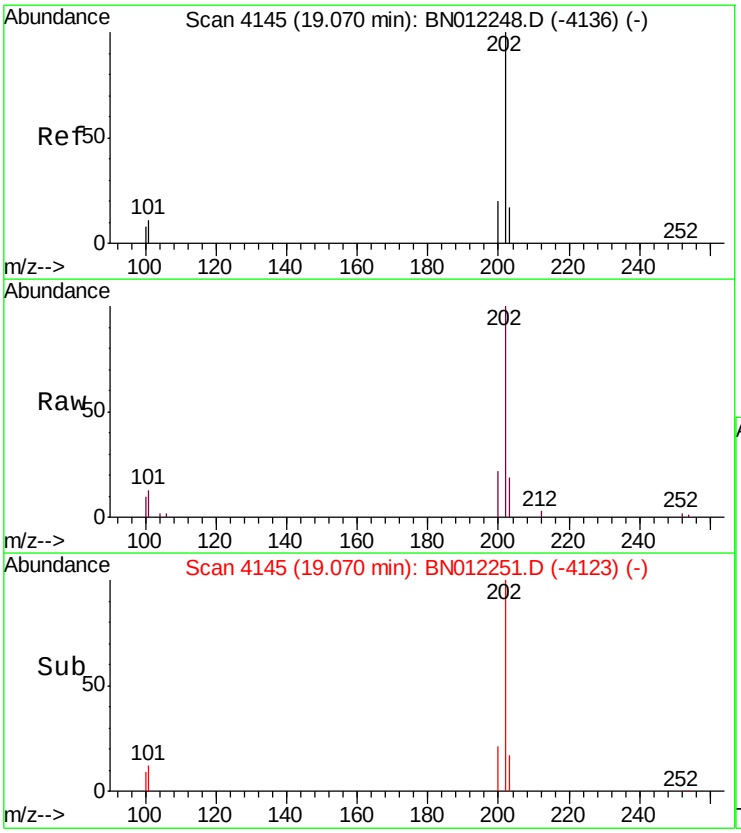
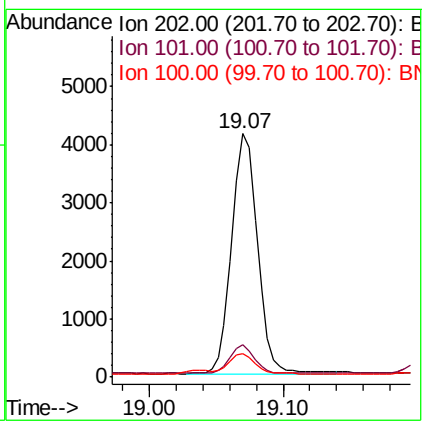
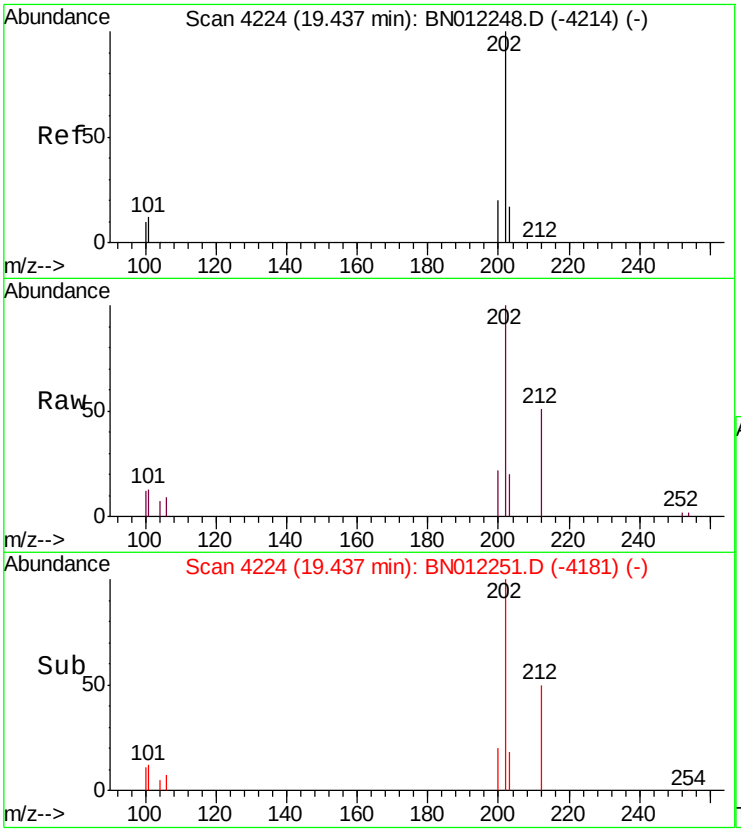


#15
Fluoranthene
Concen: 0.149 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:202 Resp: 5545

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.0
100	9.9	0.0	28.7





#17
Pyrene
Concen: 0.138 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:202 Resp: 5285

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.9	14.9
100	12.3	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
C0AQ4

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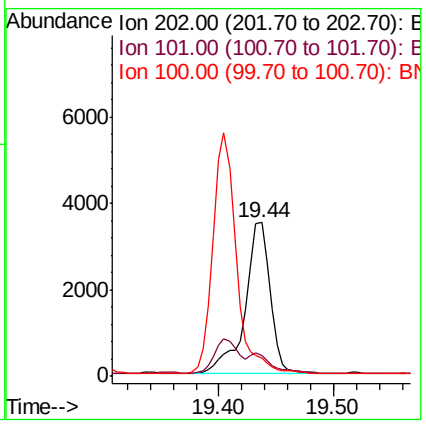
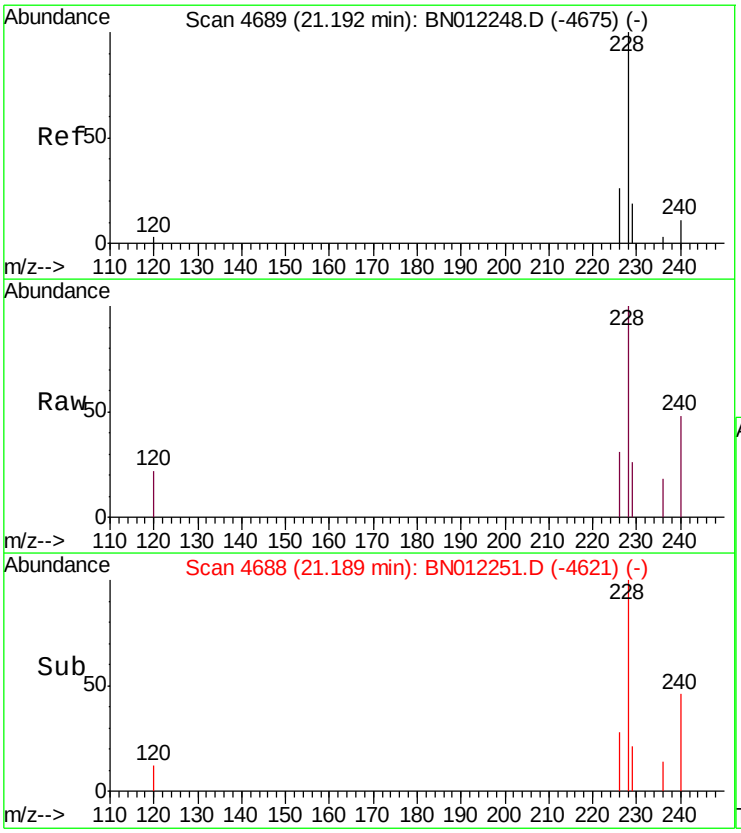
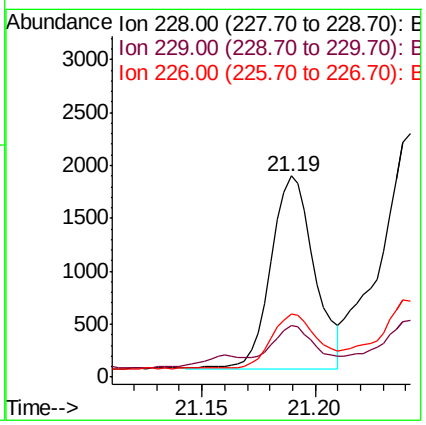


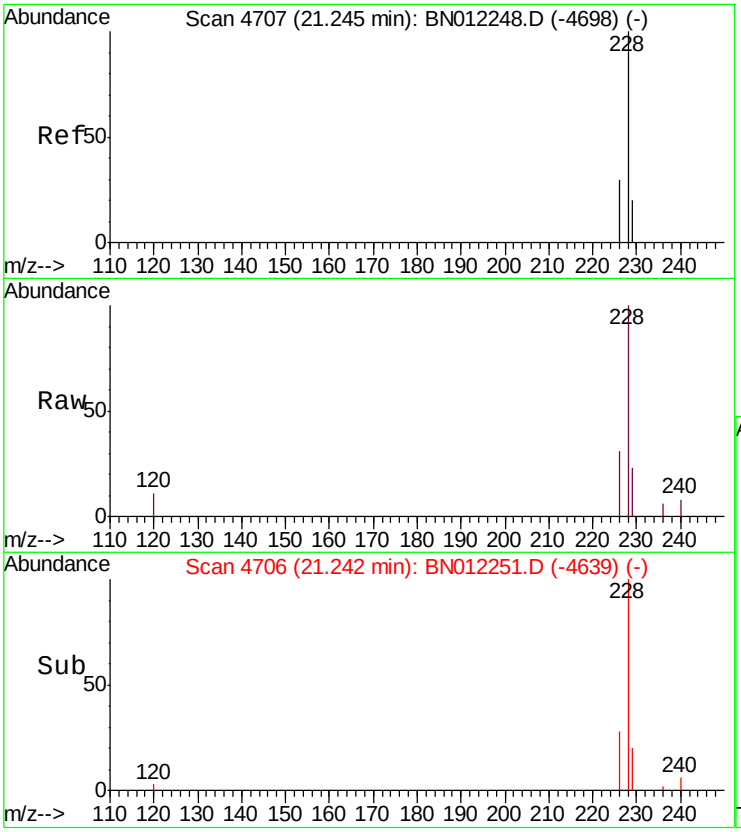


#18
Benzo(a)anthracene
Concen: 0.078 ng/ul m
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:228 Resp: 2445

Ion	Ratio	Lower	Upper
228	100		
229	25.6	15.8	23.8#
226	31.2	22.6	33.8

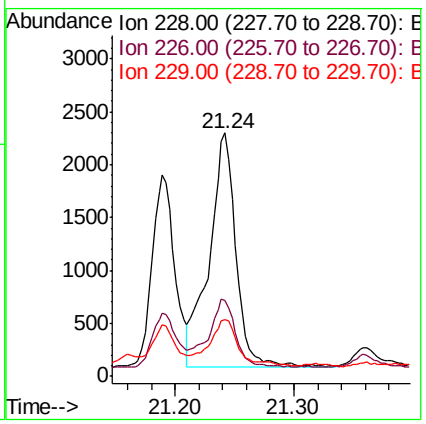




#19
Chrysene
Concen: 0.091 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:228 Resp: 3485

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	23.5	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
C0AQ4

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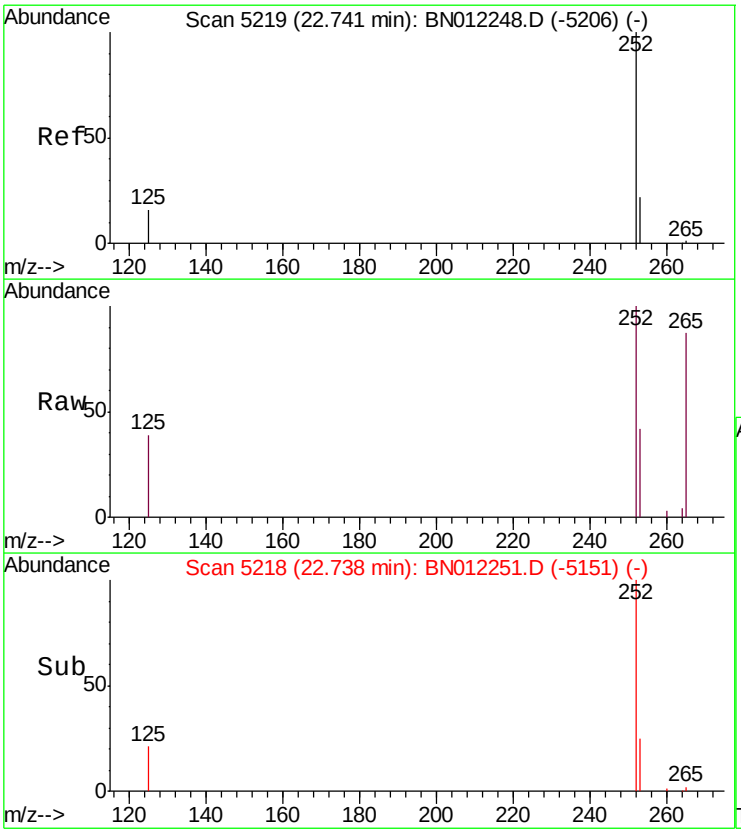
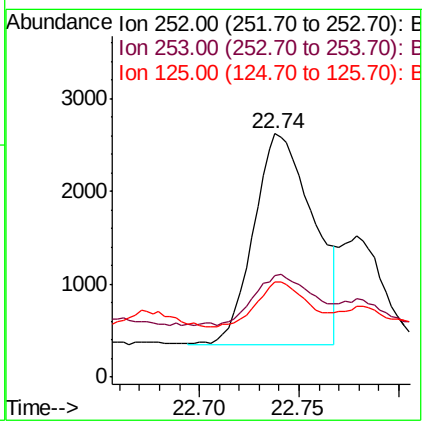
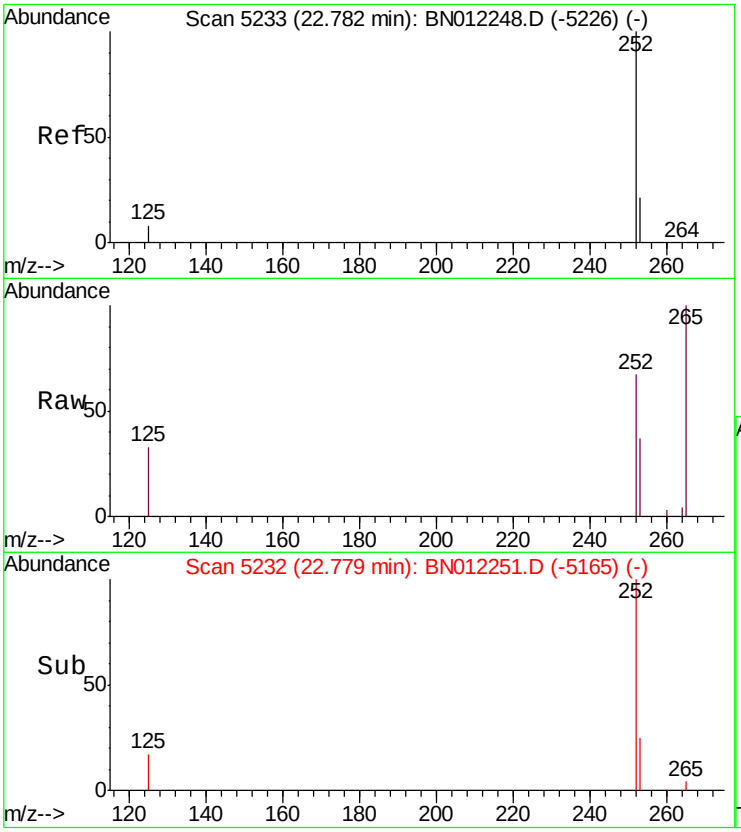


#21
Benzo(b)fluoranthene
Concen: 0.130 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:252 Resp: 4725

Ion	Ratio	Lower	Upper
252	100		
253	41.7	0.0	61.6
125	39.1	0.0	36.8#





#22
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:252 Resp: 1628

Ion	Ratio	Lower	Upper
252	100		
253	55.5	24.4	36.6#
125	49.6	12.9	19.3#

Instrument :
BNA_N
ClientSampleId :
C0AQ4

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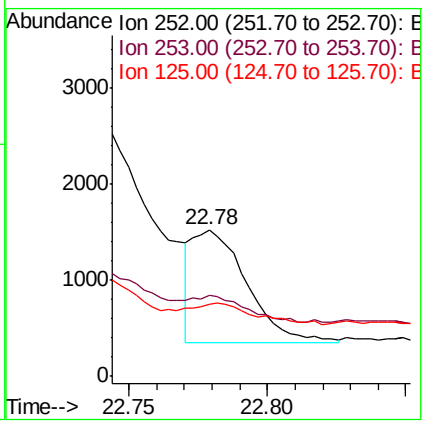
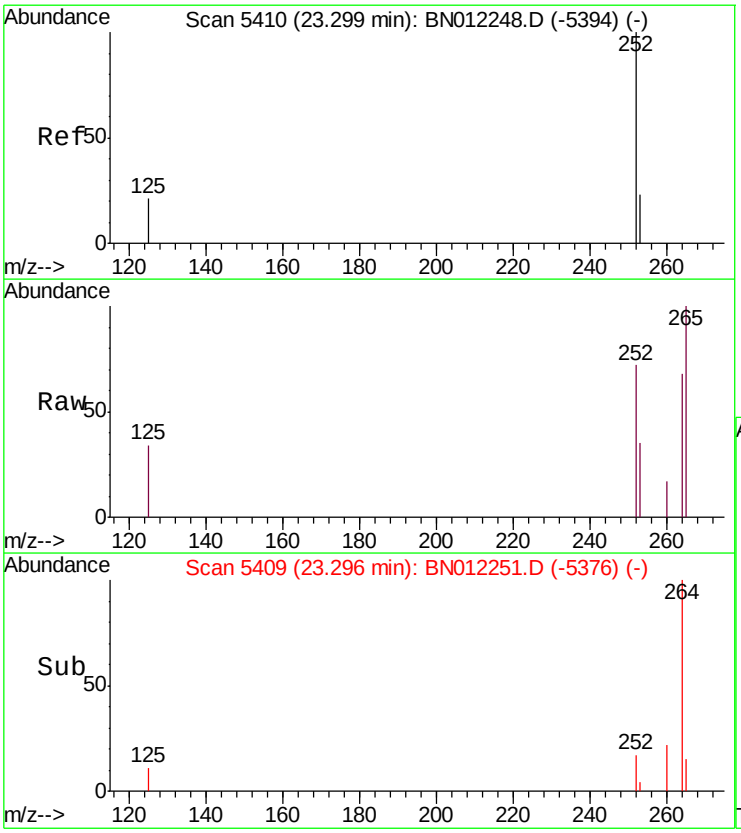
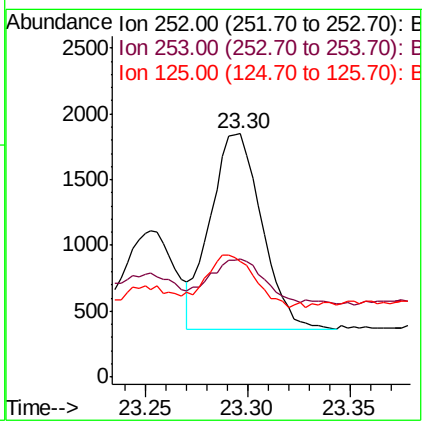


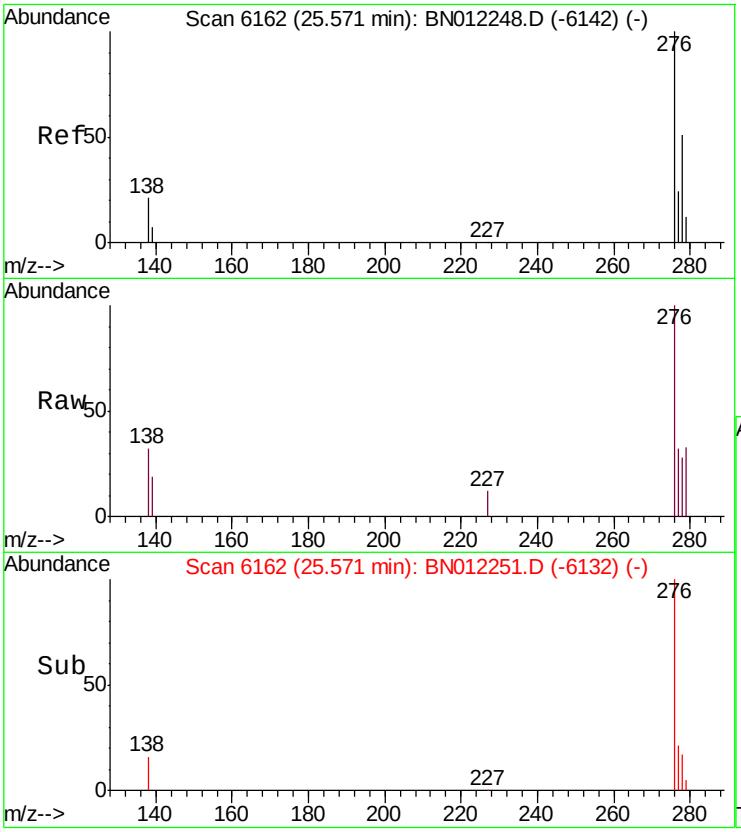


#23
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:252 Resp: 2608

Ion	Ratio	Lower	Upper
252	100		
253	48.7	27.0	40.4#
125	47.7	18.8	28.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 25.57 min Scan# 6162
Delta R.T. 0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:276 Resp: 2184

Ion	Ratio	Lower	Upper
276	100		
138	21.5	0.0	0.0#
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AQ4

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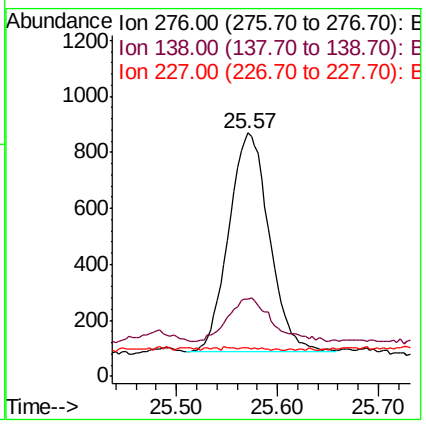

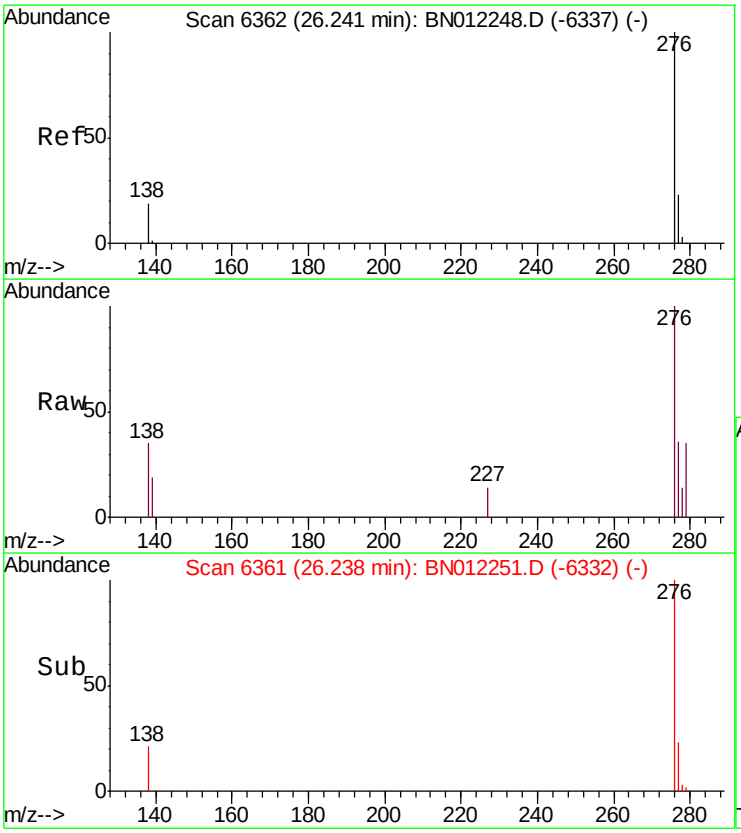

#26
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:276 Resp: 1922

Ion	Ratio	Lower	Upper
276	100		
138	35.3	17.1	25.7#
277	36.2	21.1	31.7#