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

Quantitation Report (QT Reviewed)

Data File : BN012230.D
Acq On : 15 Oct 2020 14:24
Operator : CG/JU
Sample : L4201-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ6

Manual Integrations APPROVED
mohammad
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Quant Time: Oct 15 15:36:42 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 : Thu Oct 15 10:47:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6578	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3908	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8425m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6911	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7570	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3154	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	6743	0.29	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.05	178	773	0.029	ng/ul#	81
15) Fluoranthene	19.07	202	1962	0.062	ng/ul	89
17) Pyrene	19.44	202	1821	0.058	ng/ul#	86
18) Benzo(a)anthracene	21.20	228	868	0.034	ng/ul#	80
19) Chrysene	21.25	228	1159	0.037	ng/ul#	85
21) Benzo(b)fluoranthene	22.75	252	1680m	0.055	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	829m	0.024	ng/ul	
23) Benzo(a)pyrene	23.31	252	936	0.031	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.58	276	922	0.024	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	1021	0.029	ng/ul#	54

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

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

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Manual Integrations APPROVED
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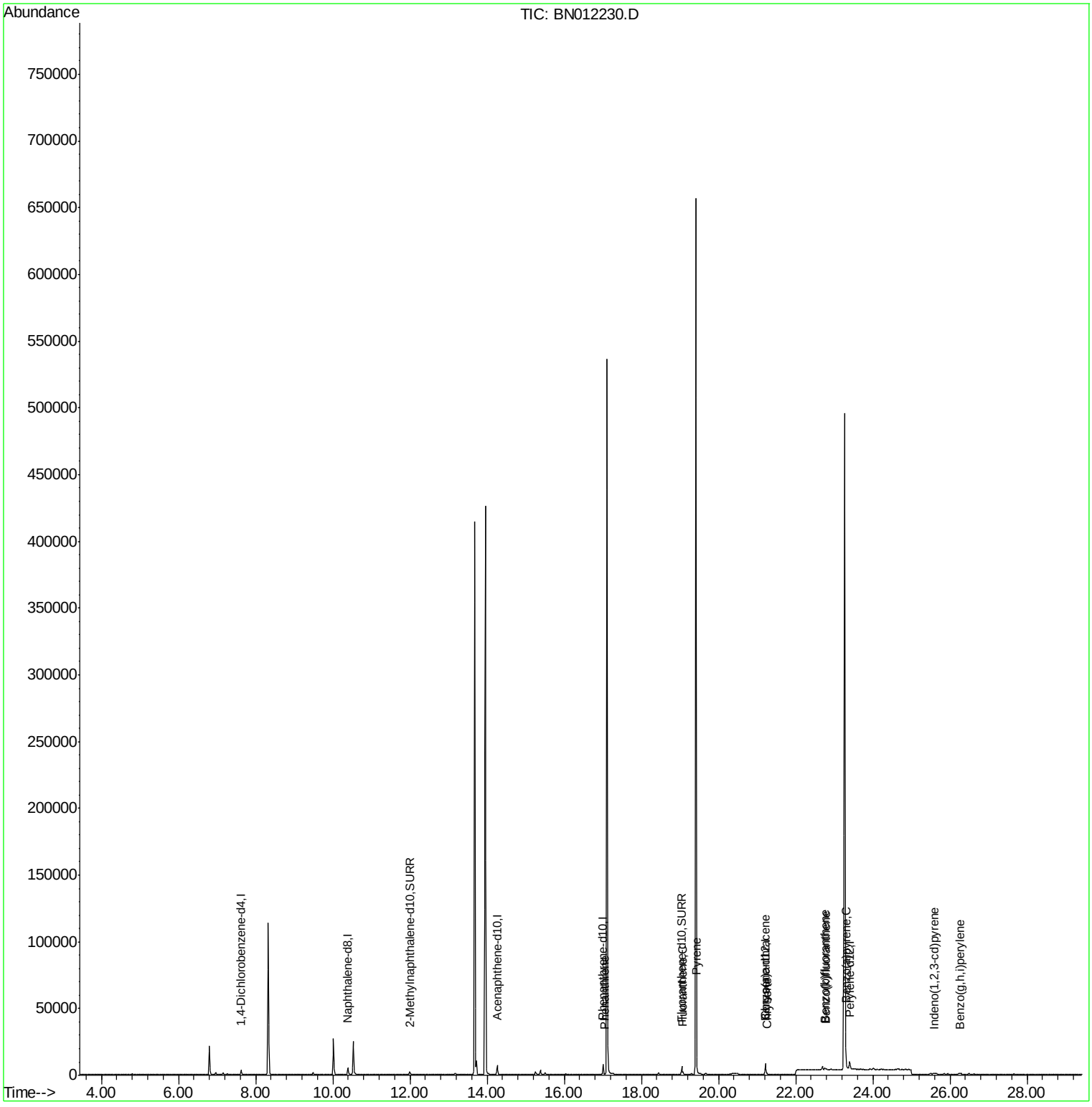

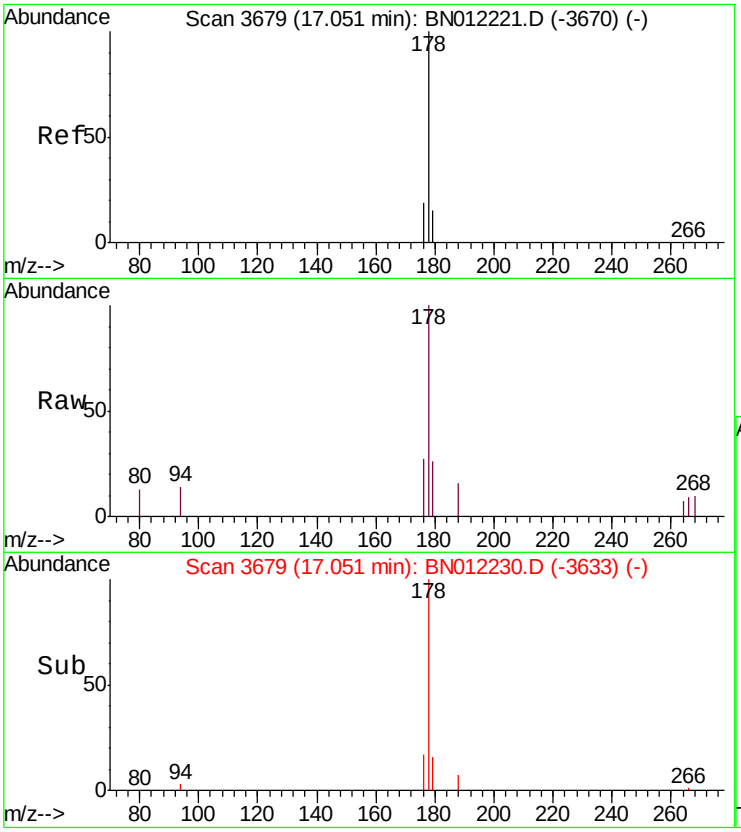

#12
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:178 Resp: 773

Ion	Ratio	Lower	Upper
178	100		
179	26.0	13.4	20.2#
176	27.1	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
C0AQ6

Manual Integrations APPROVED
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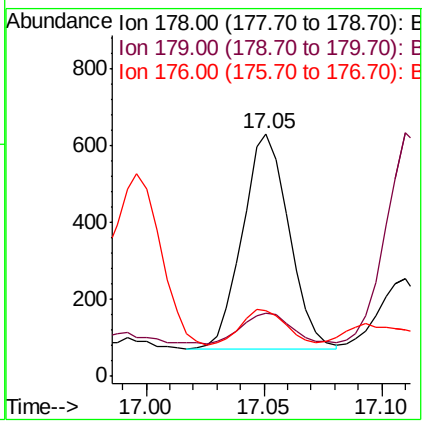
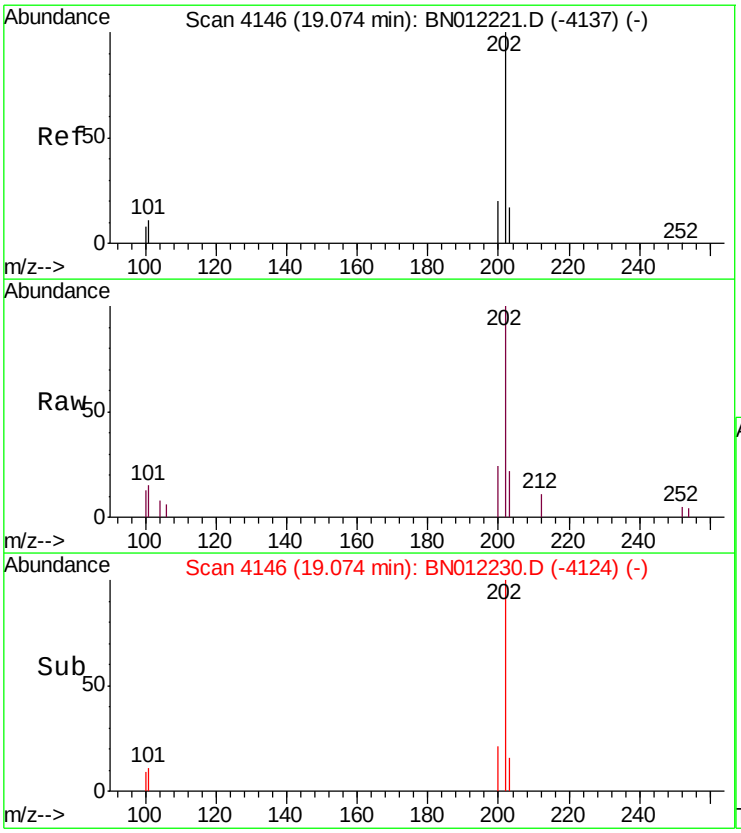
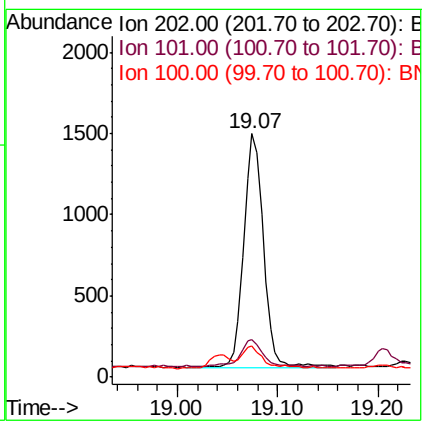


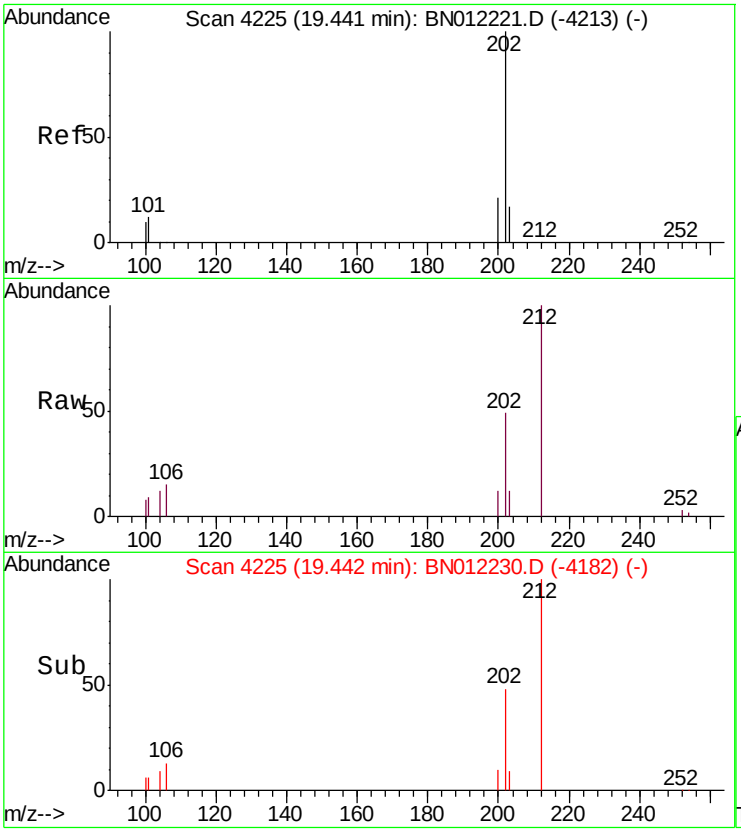


#15
Fluoranthene
Concen: 0.062 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:202 Resp: 1962

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	31.0
100	12.7	0.0	28.7





#17
Pyrene
Concen: 0.058 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:202 Resp: 1821

Ion	Ratio	Lower	Upper
202	100		
101	17.9	9.9	14.9#
100	15.5	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
C0AQ6

Manual Integrations APPROVED
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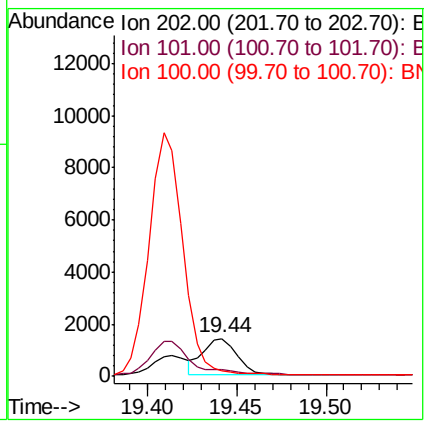
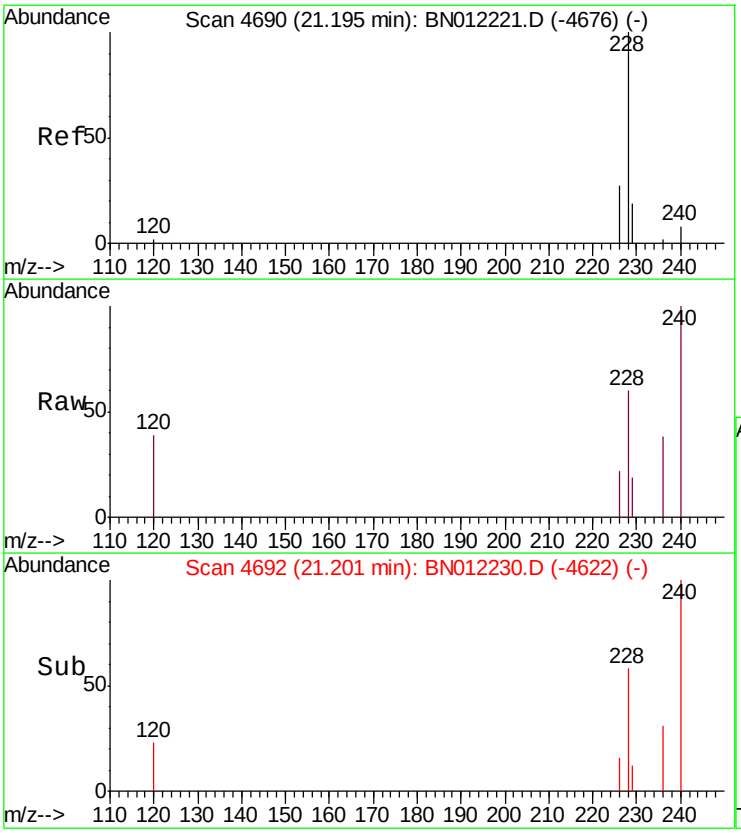
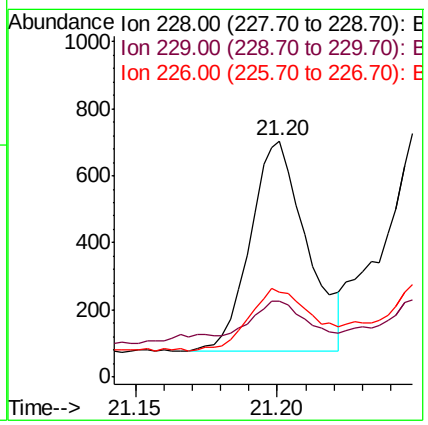


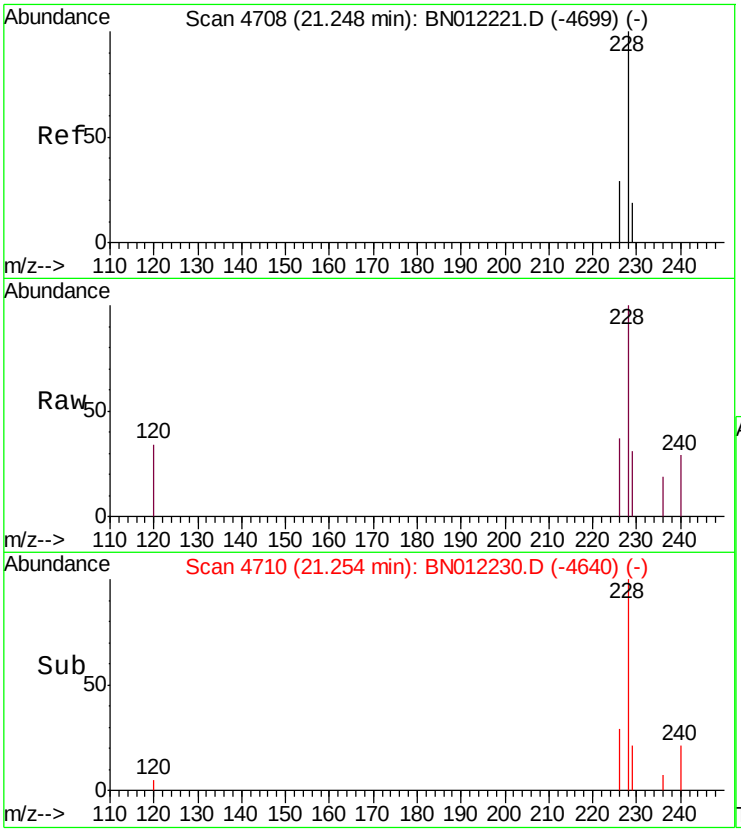


#18
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. 0.01 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:228 Resp: 868

Ion	Ratio	Lower	Upper
228	100		
229	32.2	15.8	23.8#
226	35.9	22.6	33.8#





#19
Chrysene
Concen: 0.037 ng/ul
RT: 21.25 min Scan# 4710
Delta R.T. 0.01 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:228 Resp: 1159

Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.6	37.0#
229	30.7	17.0	25.6#

Instrument :
BNA_N
ClientSampleId :
C0AQ6

Manual Integrations APPROVED
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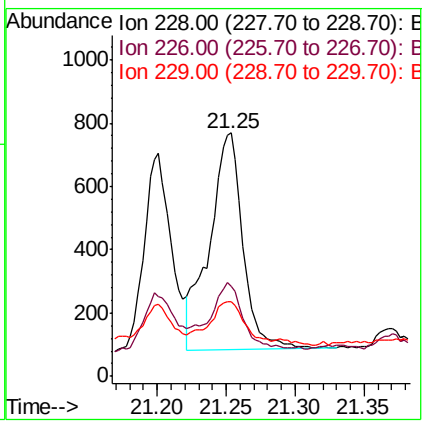
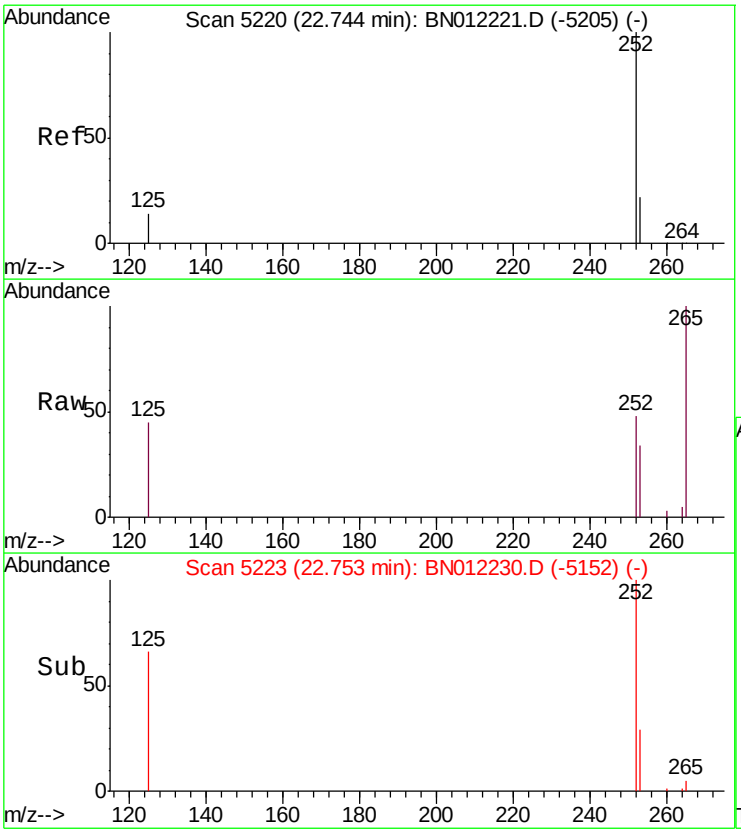
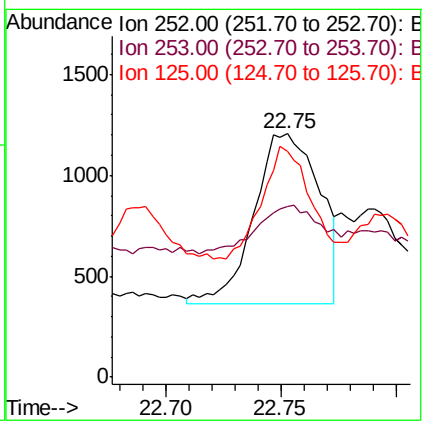


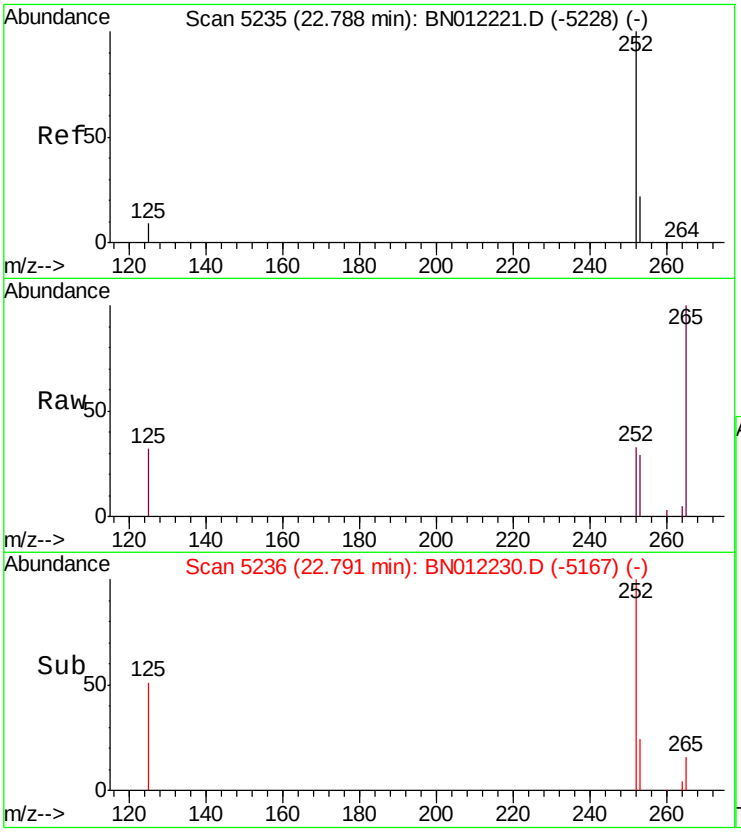


#21
Benzo(b)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. 0.01 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:252 Resp: 1680

Ion	Ratio	Lower	Upper
252	100		
253	70.1	0.0	61.6#
125	93.0	0.0	36.8#





#22
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.79 min Scan# 5236
Delta R.T. 0.00 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:252 Resp: 829

Ion	Ratio	Lower	Upper
252	100		
253	85.8	24.4	36.6#
125	96.7	12.9	19.3#

Instrument :
BNA_N
ClientSampleId :
C0AQ6

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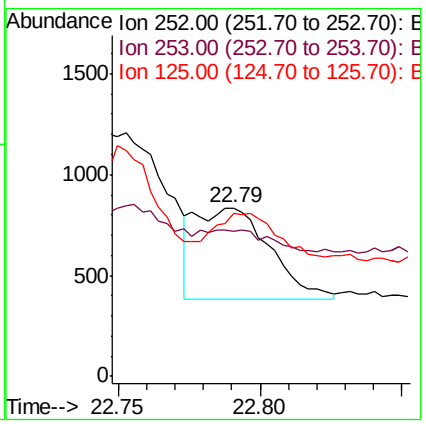
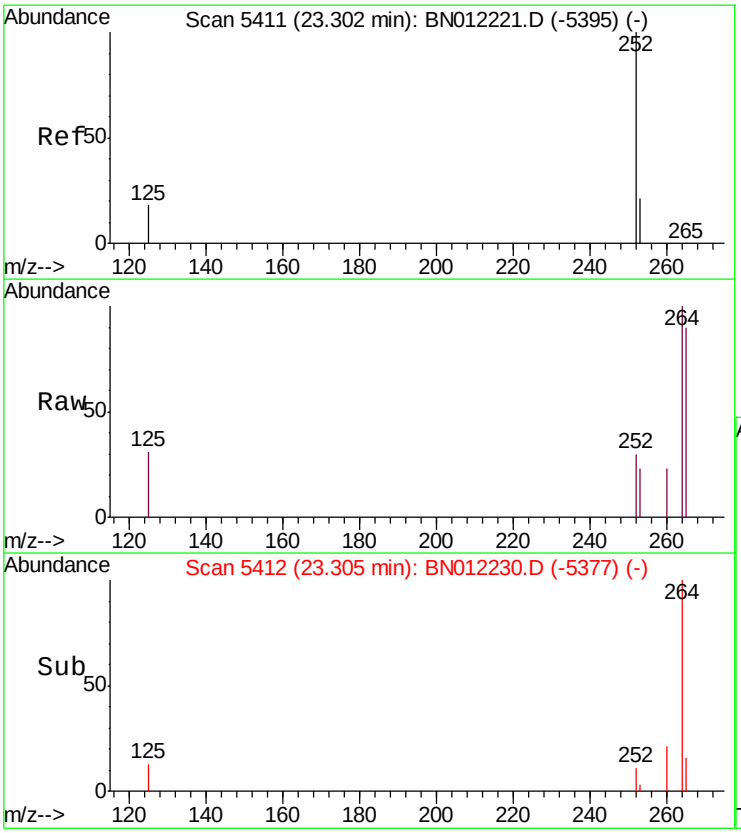
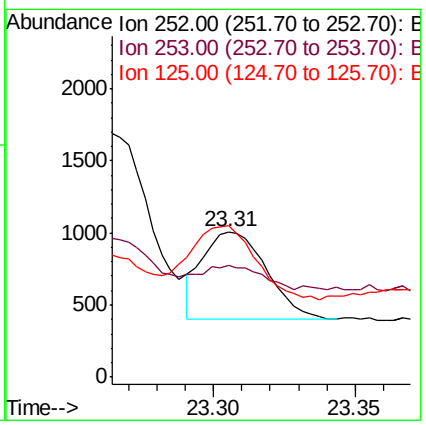


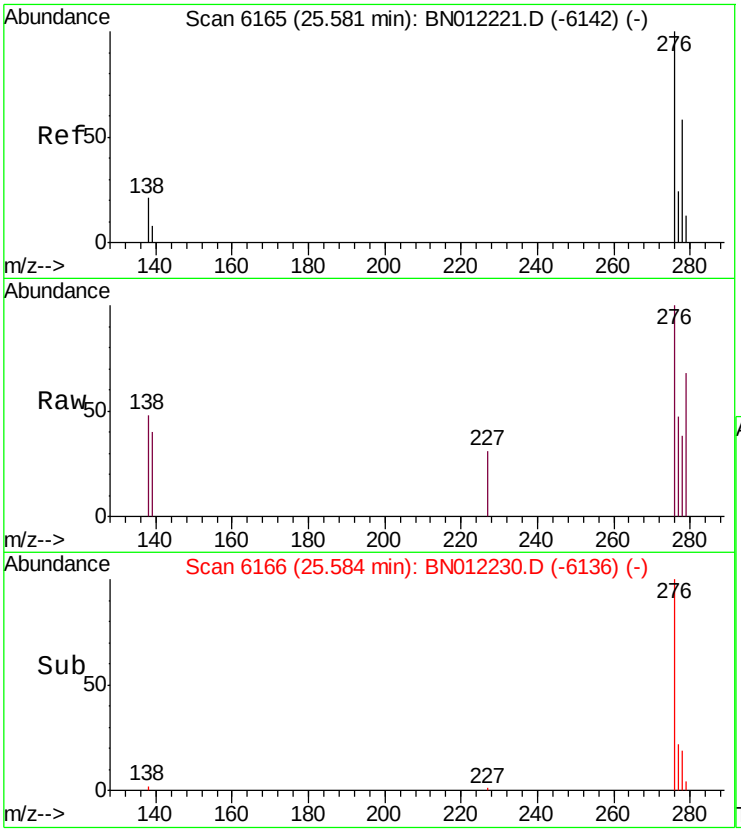


#23
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.31 min Scan# 5412
Delta R.T. 0.00 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:252 Resp: 936

Ion	Ratio	Lower	Upper
252	100		
253	76.9	27.0	40.4#
125	104.3	18.8	28.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. 0.00 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:276 Resp: 922

Ion	Ratio	Lower	Upper
276	100		
138	32.4	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_N
ClientSampleId :
C0AQ6

Manual Integrations APPROVED
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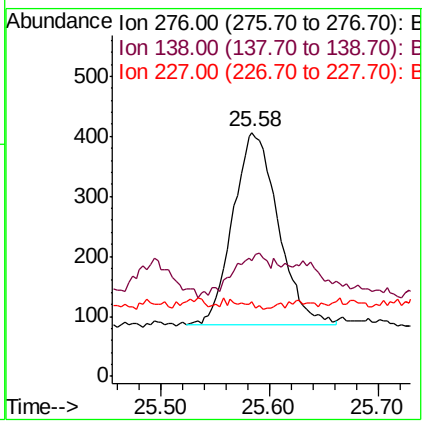

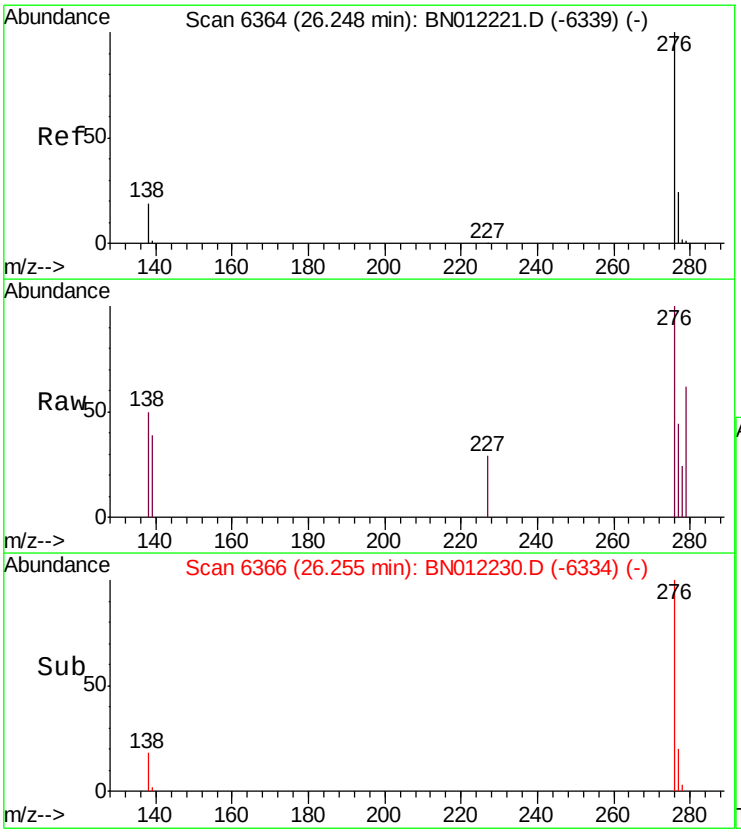

#26
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.25 min Scan# 6366
Delta R.T. 0.01 min
Lab File: BN012230.D
Acq: 15 Oct 2020 14:24

Tgt Ion:276 Resp: 1021

Ion	Ratio	Lower	Upper
276	100		
138	49.9	17.1	25.7#
277	44.2	21.1	31.7#