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

Quantitation Report (QT Reviewed)

Data File : BN012255.D
Acq On : 16 Oct 2020 06:03
Operator : CG/JU
Sample : L4235-19
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AT5

Manual Integrations APPROVED
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Quant Time: Oct 16 06:49:22 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	1680	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7086	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4136	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8605	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7248	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7625	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1743	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3916	0.17	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.05	178	1384	0.050	ng/ul#	90
15) Fluoranthene	19.07	202	4394	0.137	ng/ul	96
17) Pyrene	19.43	202	4379	0.134	ng/ul#	93
18) Benzo(a)anthracene	21.19	228	1774	0.066	ng/ul#	91
19) Chrysene	21.24	228	2606	0.080	ng/ul	95
21) Benzo(b)fluoranthene	22.74	252	3636m	0.118	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	1406m	0.041	ng/ul	
23) Benzo(a)pyrene	23.29	252	2016	0.067	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.57	276	1668	0.043	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1488	0.042	ng/ul#	76

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

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

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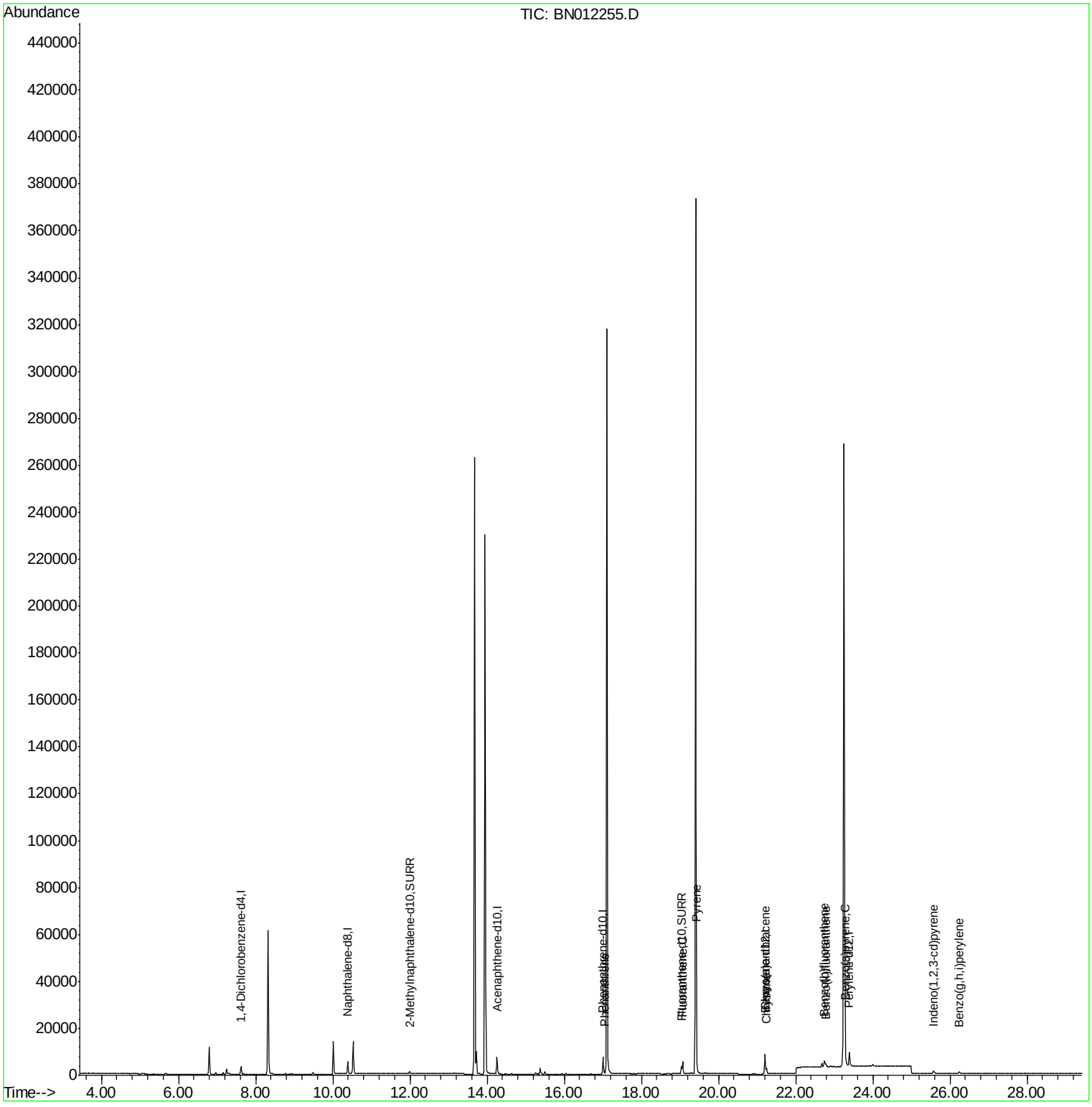

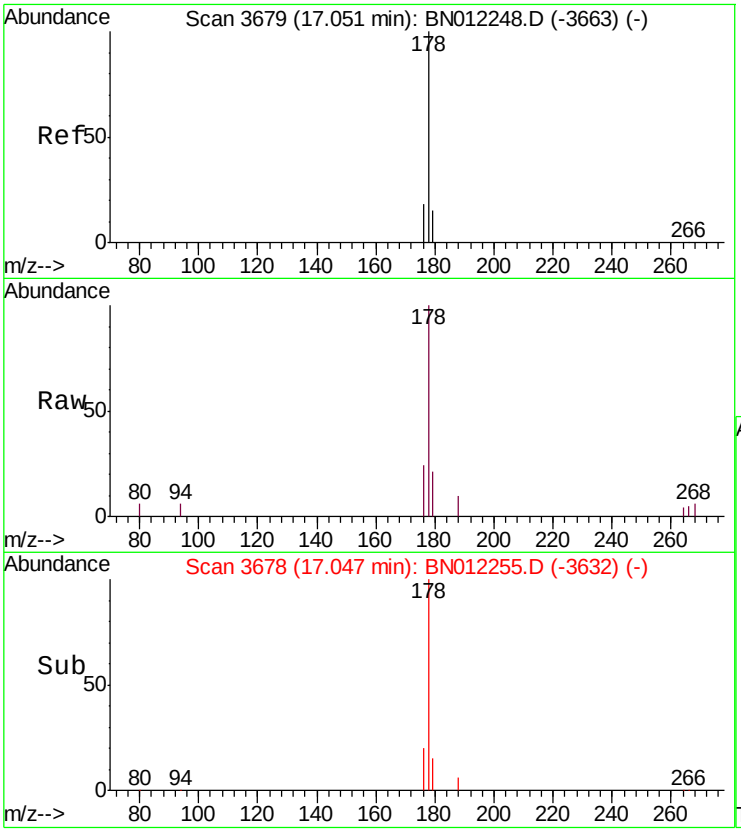

#12
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:178 Resp: 1384

Ion	Ratio	Lower	Upper
178	100		
179	21.2	13.4	20.2#
176	24.3	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
C0AT5

Manual Integrations APPROVED
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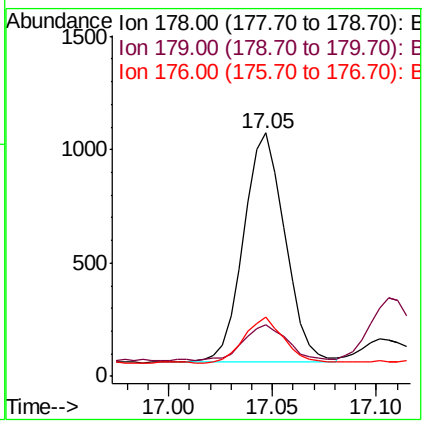
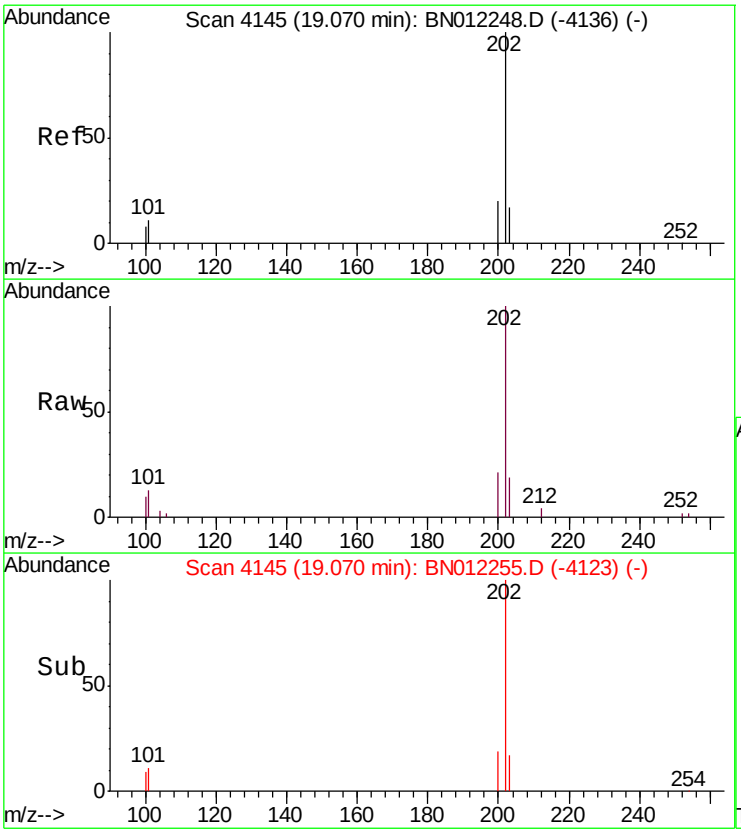
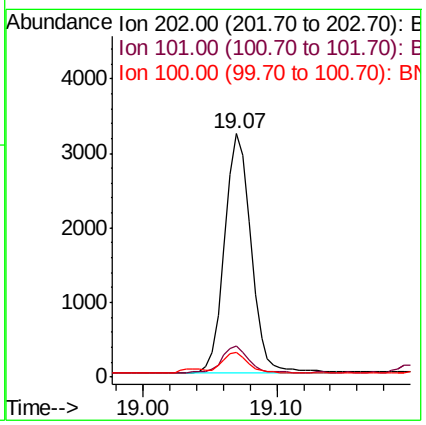


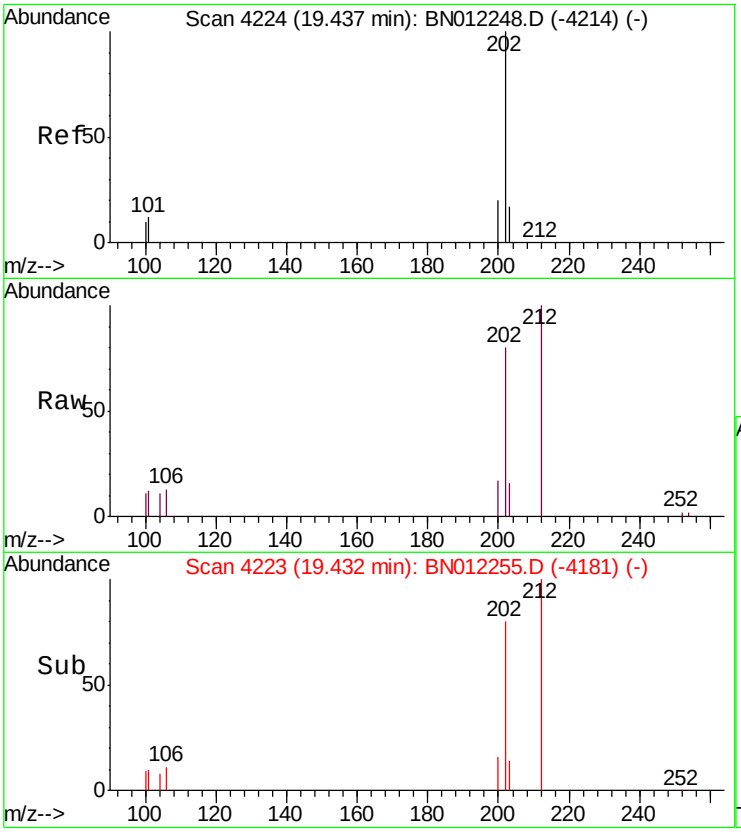


#15
Fluoranthene
Concen: 0.137 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:202 Resp: 4394

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.0
100	10.1	0.0	28.7





#17
Pyrene
Concen: 0.134 ng/ul
RT: 19.43 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:202 Resp: 4379

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	13.3	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
C0AT5

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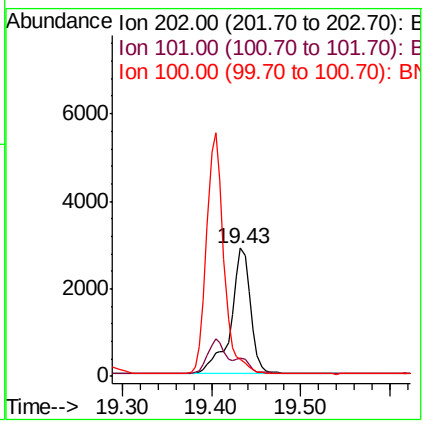
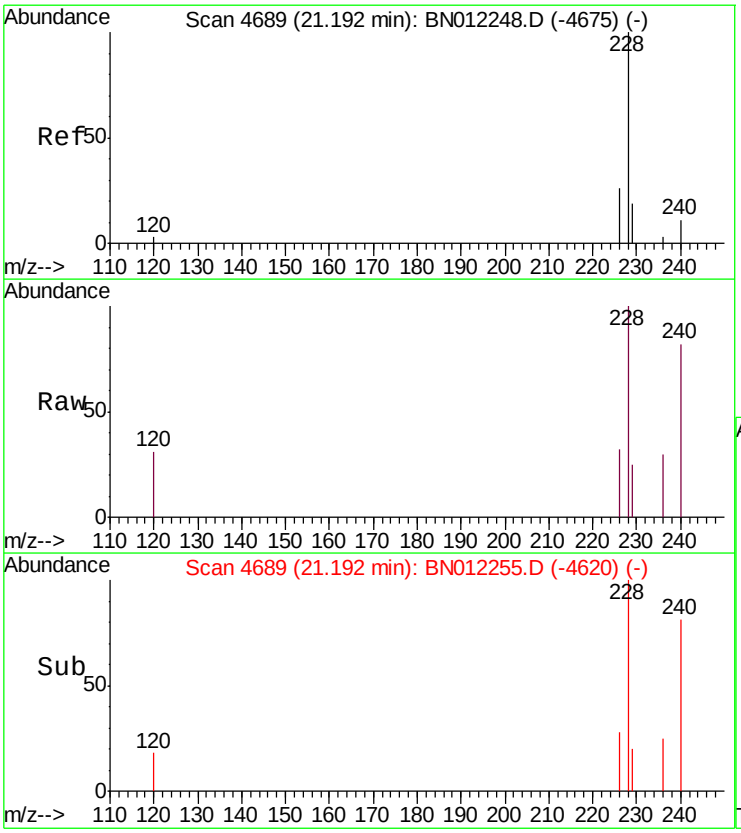
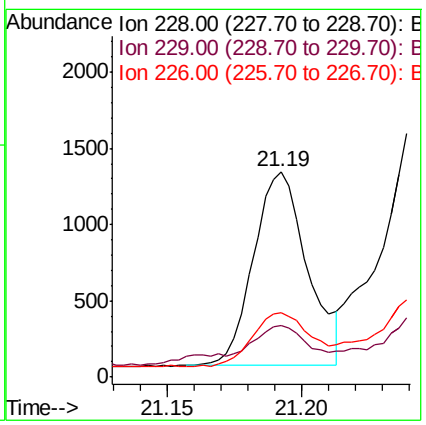


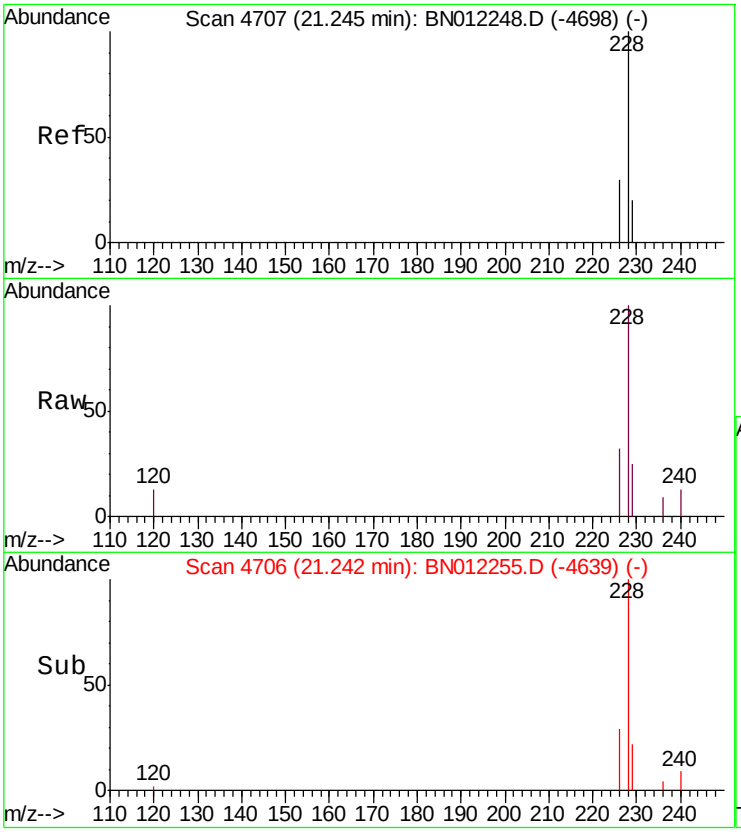


#18
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:228 Resp: 1774

Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.8	23.8#
226	31.6	22.6	33.8





#19
Chrysene
Concen: 0.080 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:228 Resp: 2606

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	25.3	17.0	25.6

Instrument :
BNA_N
ClientSampleId :
C0AT5

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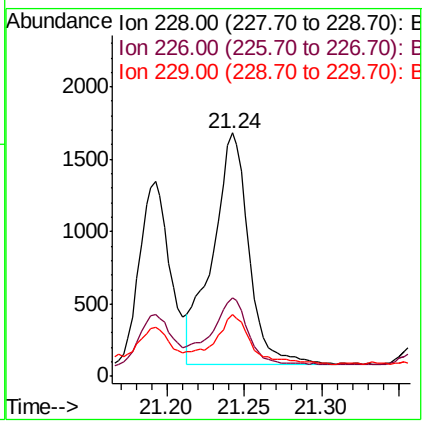
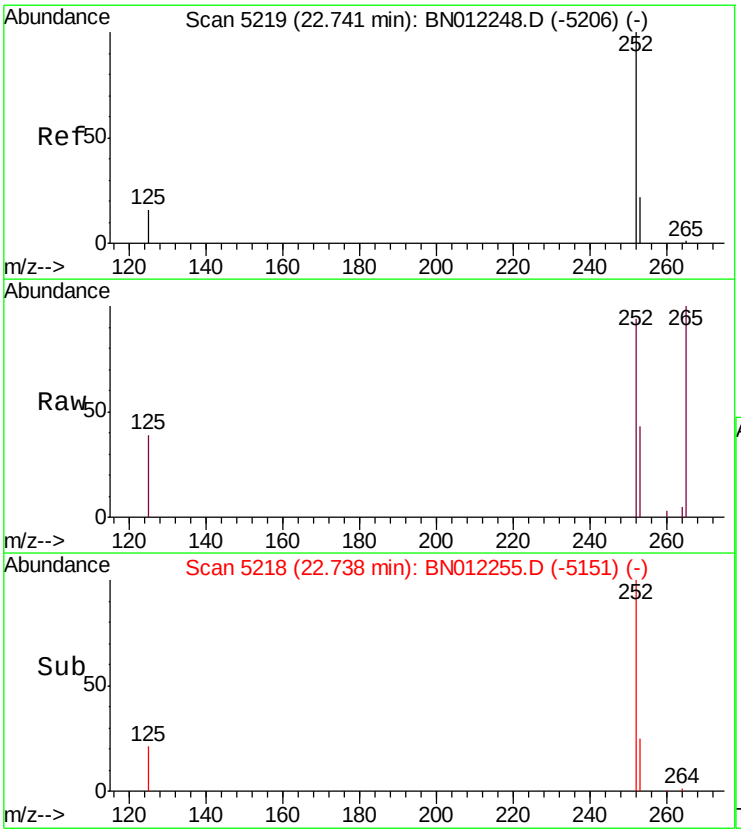
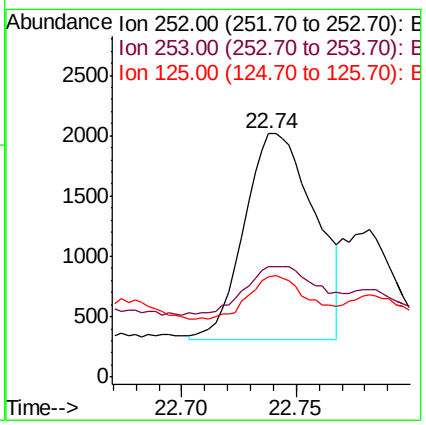


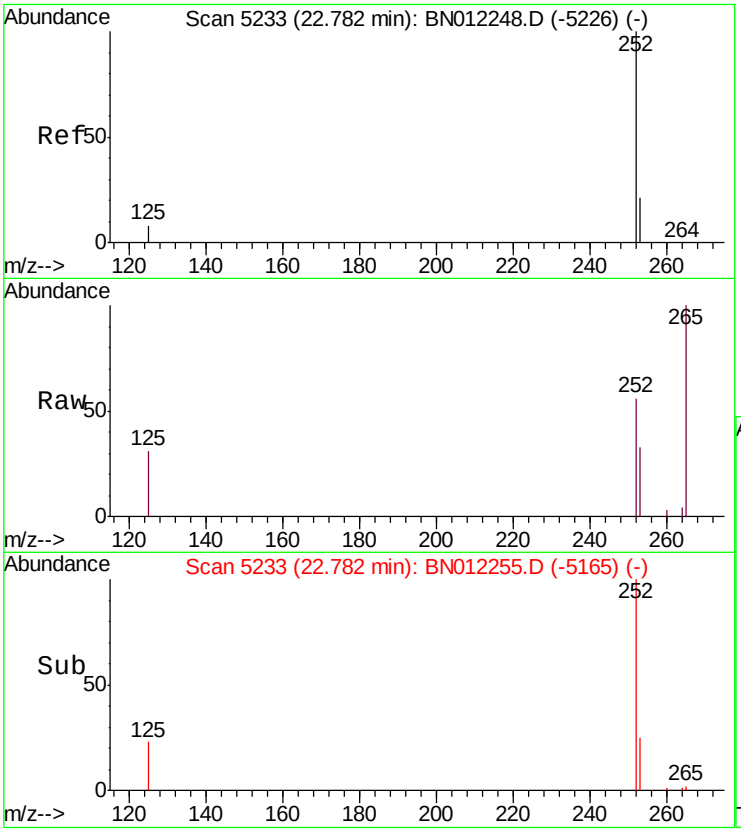


#21
Benzo(b)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:252 Resp: 3636

Ion	Ratio	Lower	Upper
252	100		
253	45.6	0.0	61.6
125	41.1	0.0	36.8#

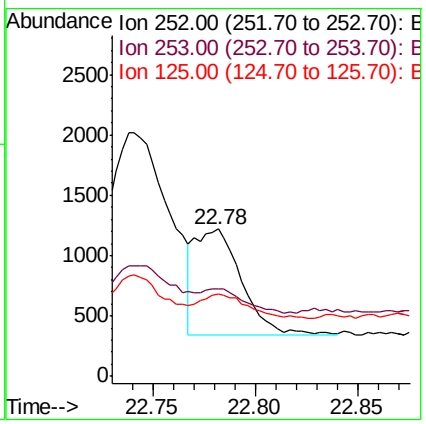




#22
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. 0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:252 Resp: 1406

Ion	Ratio	Lower	Upper
252	100		
253	59.3	24.4	36.6#
125	55.9	12.9	19.3#



Instrument :
BNA_N
ClientSampleId :
C0AT5

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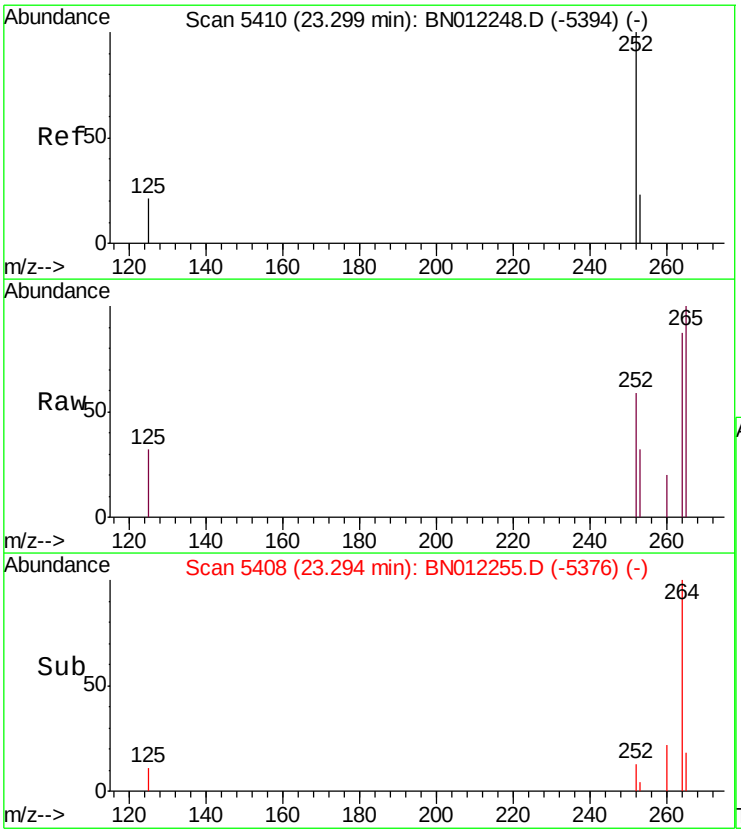
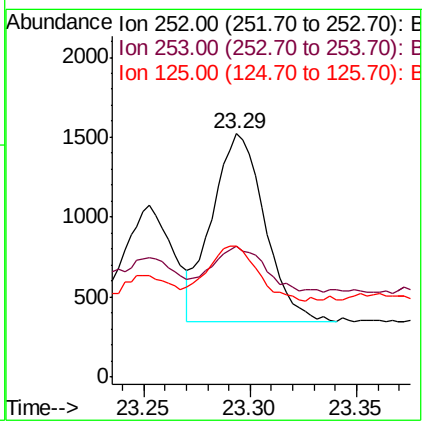
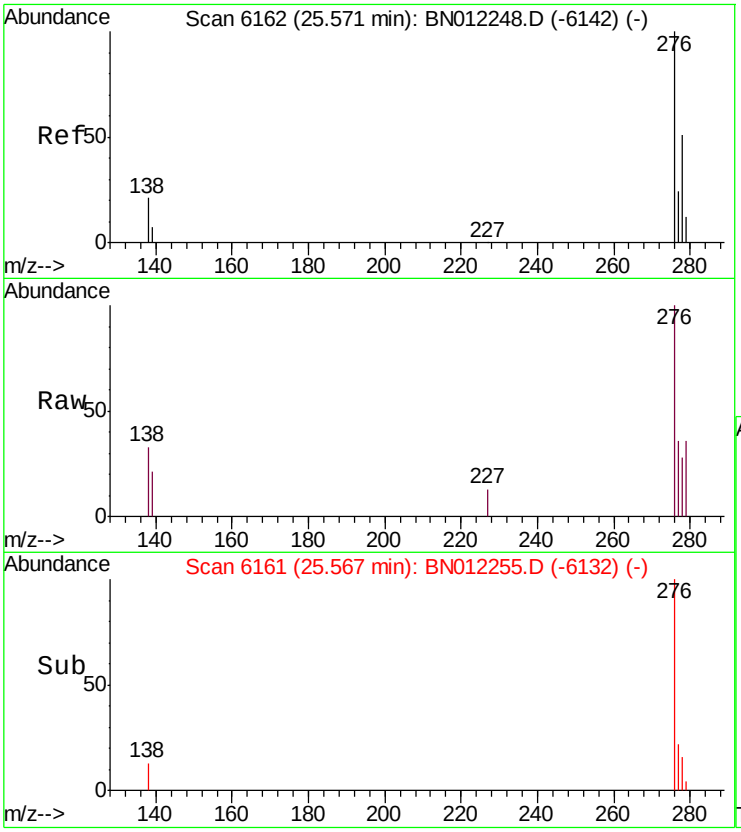


#23
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.29 min Scan# 5408
Delta R.T. -0.01 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:252 Resp: 2016

Ion	Ratio	Lower	Upper
252	100		
253	53.6	27.0	40.4#
125	53.9	18.8	28.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 25.57 min Scan# 6161
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:276 Resp: 1668

Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	0.0#
227	0.5	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AT5

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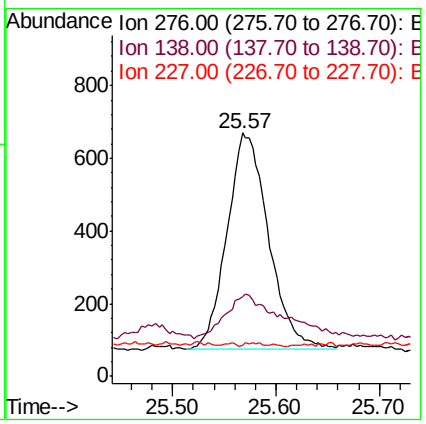

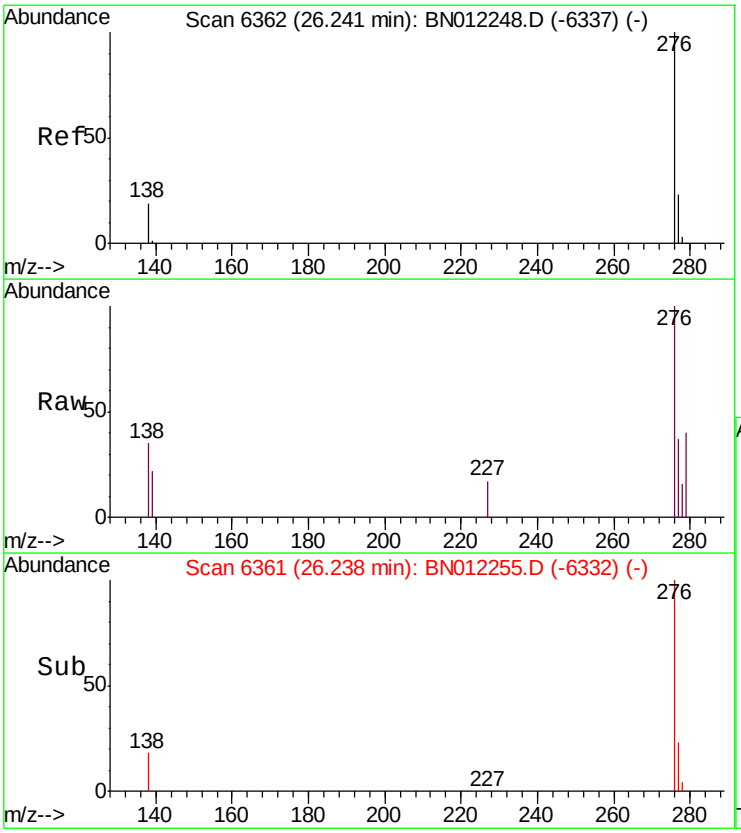

#26
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012255.D
Acq: 16 Oct 2020 06:03

Tgt Ion:276 Resp: 1488

Ion	Ratio	Lower	Upper
276	100		
138	35.4	17.1	25.7#
277	36.6	21.1	31.7#