Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012212.D
Acq On : 15 Oct 2020 01:44
Operator : CG/JU
Sample : L4166-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 15 02:27:16 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 00:46:15 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AB9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5077	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3014	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6085m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5035	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5943	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1869	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	3967	0.24	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.98	152	321	0.025	ng/ul#	62
13) Anthracene	17.14	178	337	0.020	ng/ul#	64
15) Fluoranthene	19.07	202	715	0.032	ng/ul	80
17) Pyrene	19.44	202	866	0.038	ng/ul#	70
18) Benzo(a)anthracene	21.20	228	732	0.039	ng/ul#	78
19) Chrysene	21.24	228	1472	0.065	ng/ul	95
21) Benzo(b)fluoranthene	22.74	252	2201m	0.092	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	909m	0.034	ng/ul	
23) Benzo(a)pyrene	23.30	252	1458	0.062	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	25.57	276	985	0.033	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	991	0.036	ng/ul#	68

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

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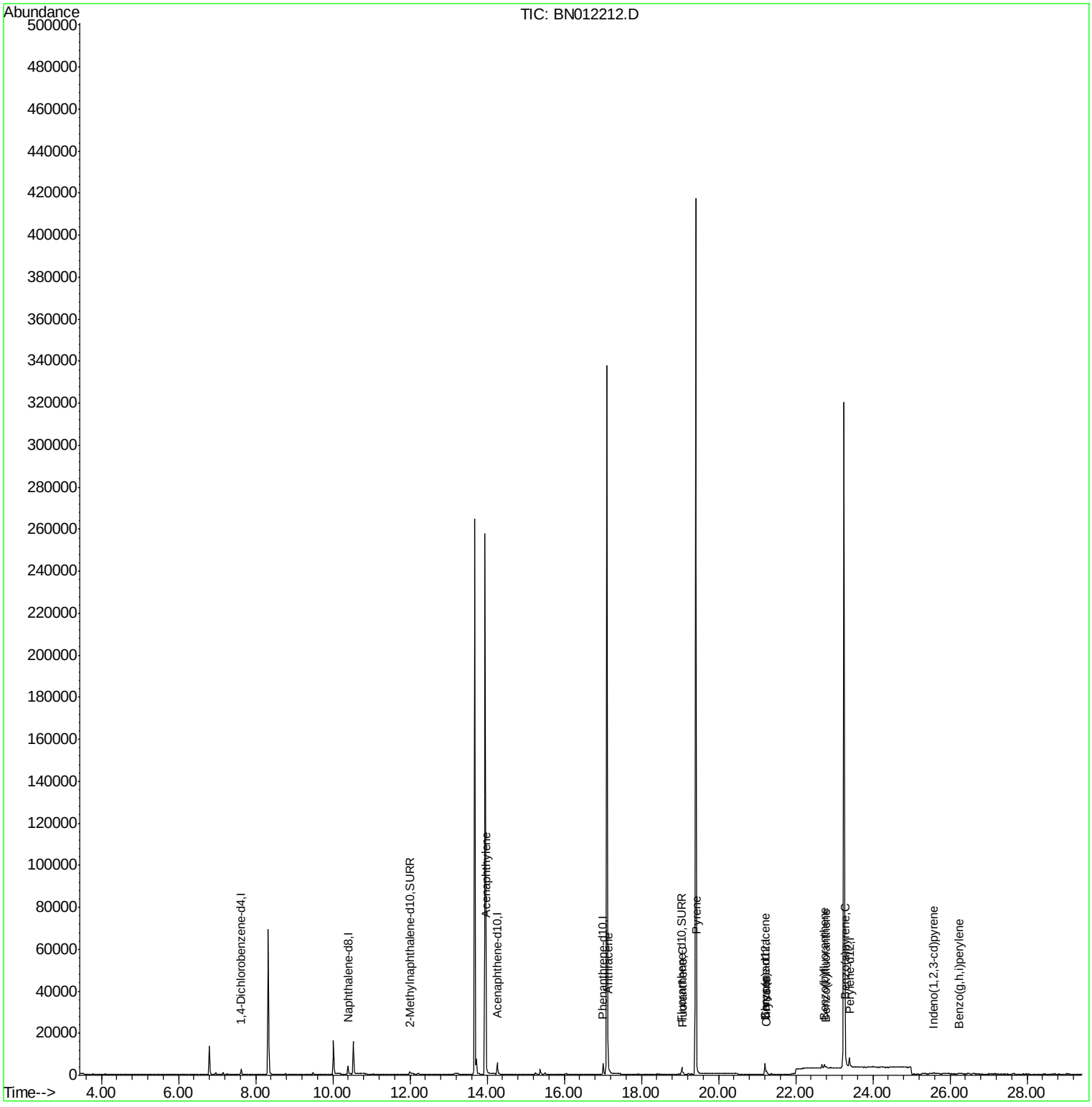
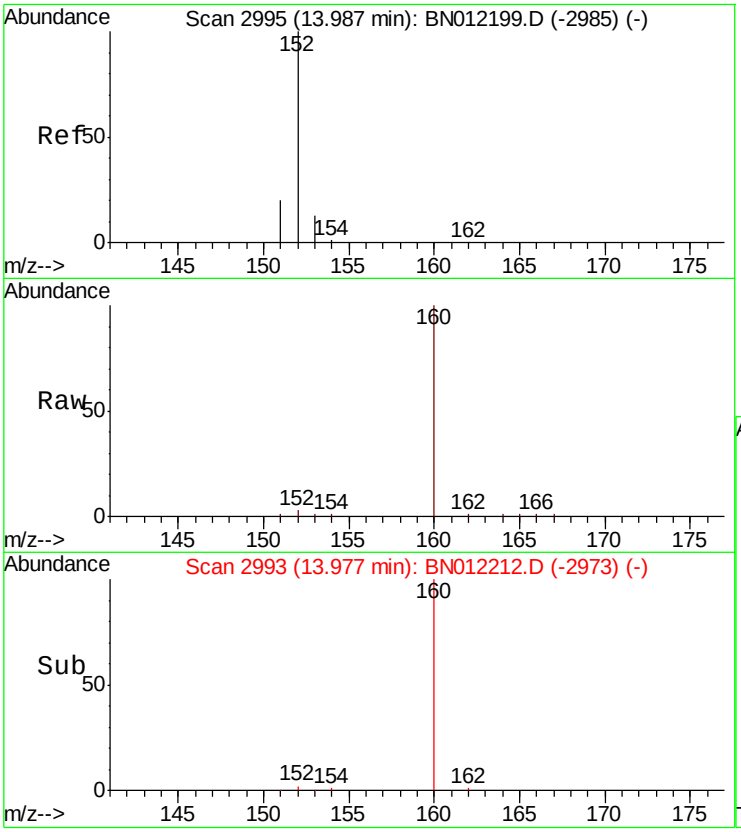
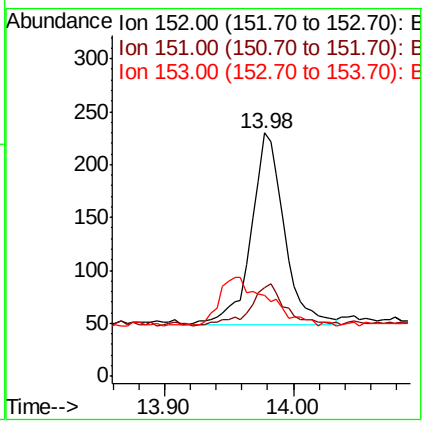




#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:152 Resp: 321

Ion	Ratio	Lower	Upper
152	100		
151	36.5	16.7	25.1#
153	33.0	11.8	17.8#



Instrument :
BNA_N
ClientSampleId :
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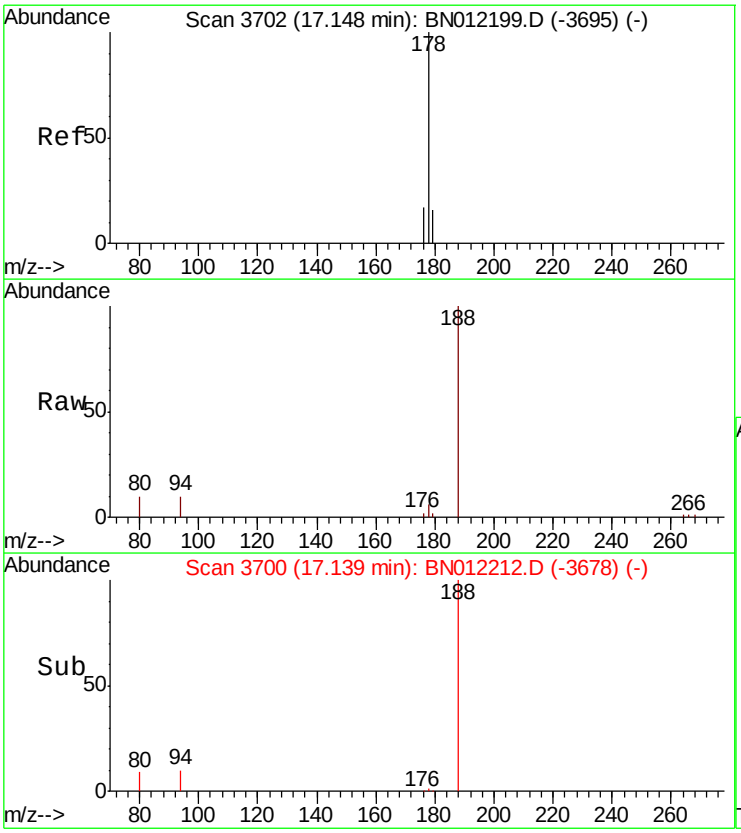
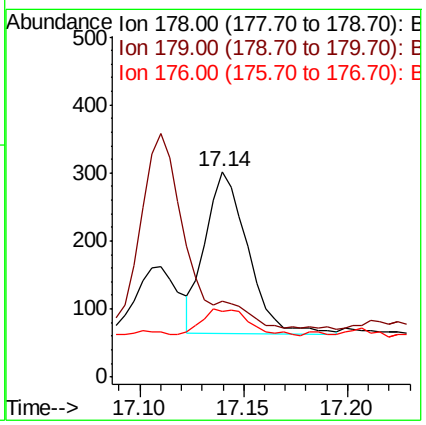
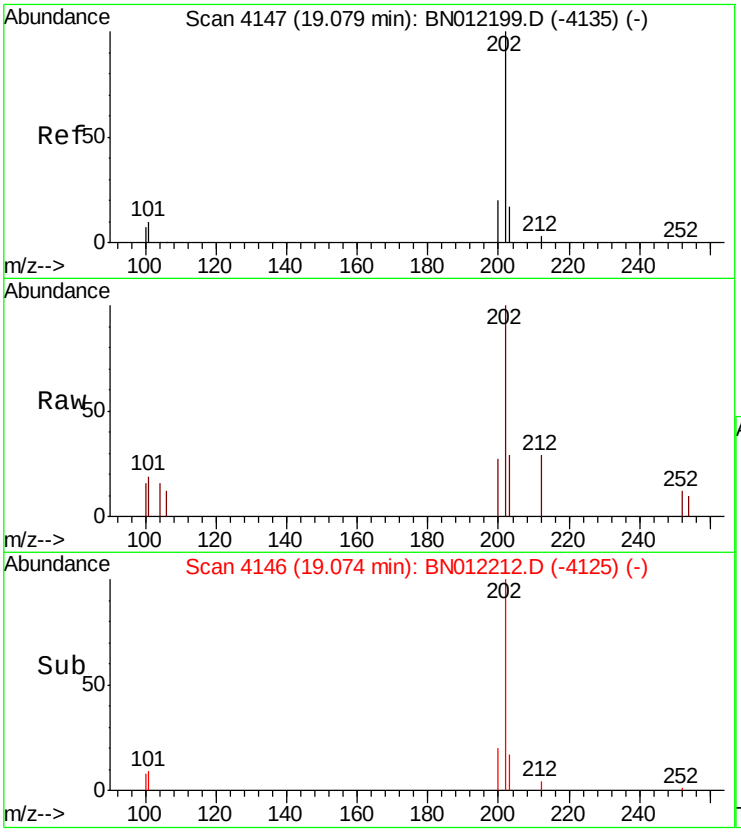


#13
Anthracene
Concen: 0.020 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:178 Resp: 337

Ion	Ratio	Lower	Upper
178	100		
179	37.1	13.9	20.9#
176	32.1	15.4	23.0#

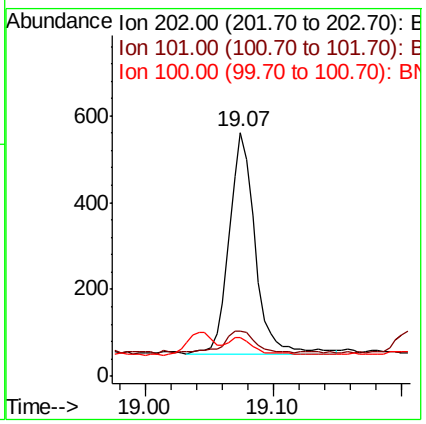




#15
Fluoranthene
Concen: 0.032 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:202 Resp: 715

Ion	Ratio	Lower	Upper
202	100		
101	18.7	0.0	31.0
100	15.7	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AB9

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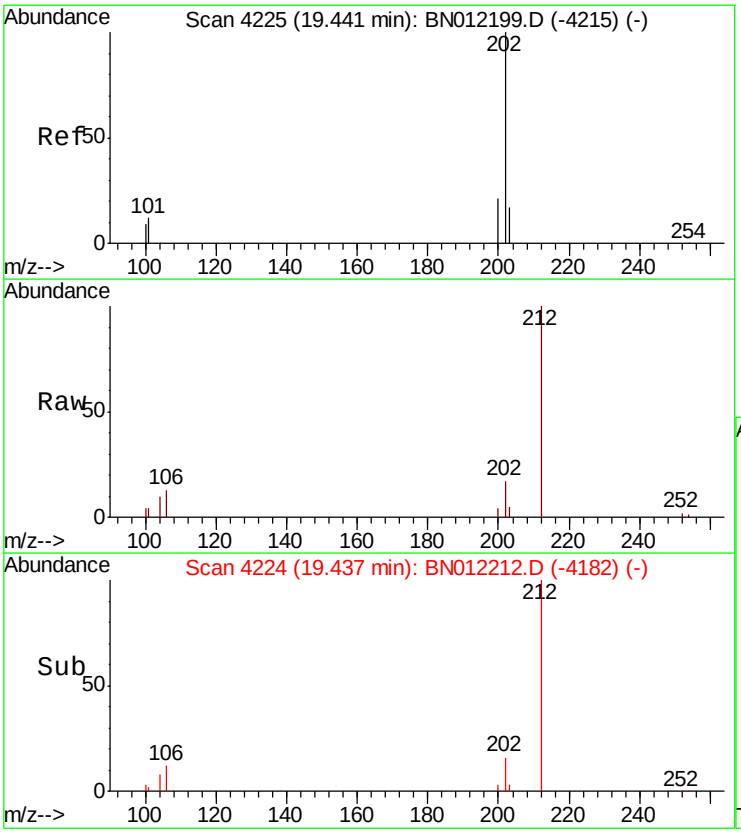
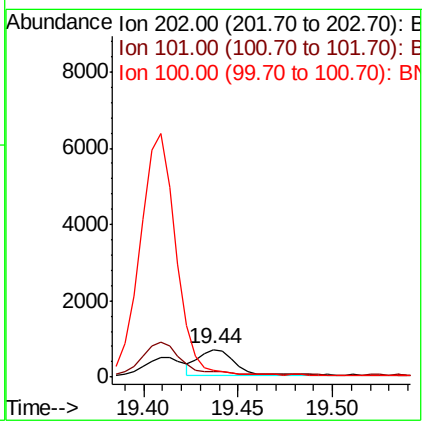
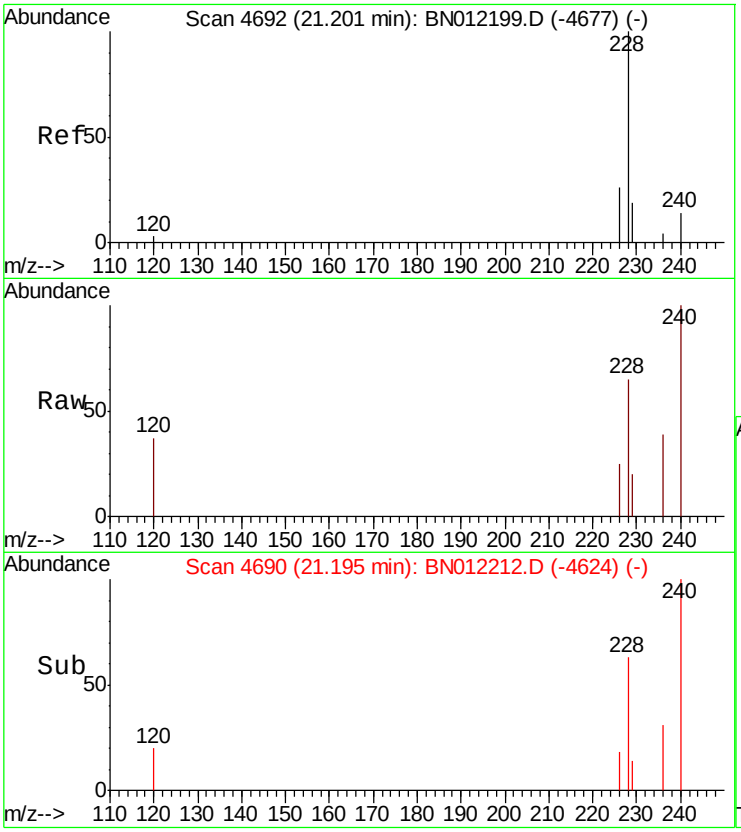


#17
Pyrene
Concen: 0.038 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:202 Resp: 866

Ion	Ratio	Lower	Upper
202	100		
101	21.1	9.9	14.9#
100	24.9	8.0	12.0#

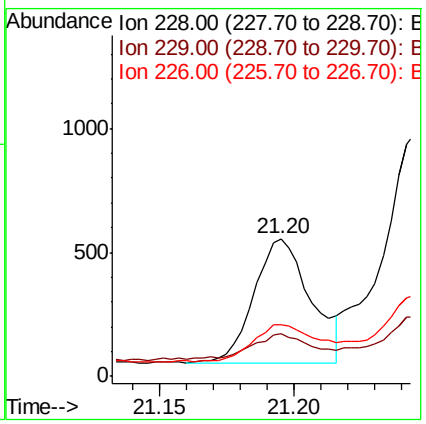




#18
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:228 Resp: 732

Ion	Ratio	Lower	Upper
228	100		
229	31.5	15.8	23.8#
226	38.0	22.6	33.8#



Instrument :
BNA_N
ClientSampleId :
C0AB9

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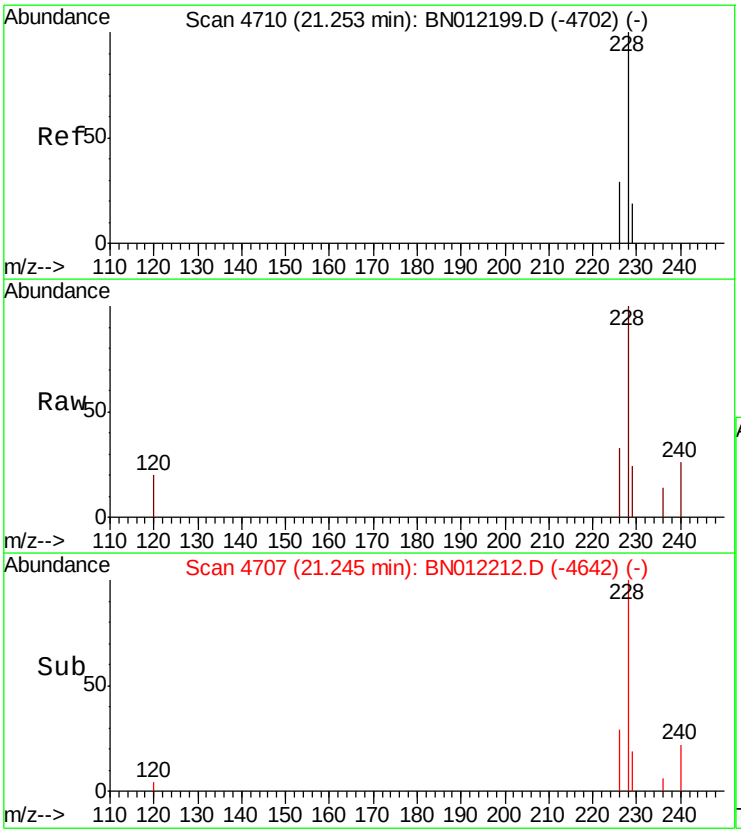
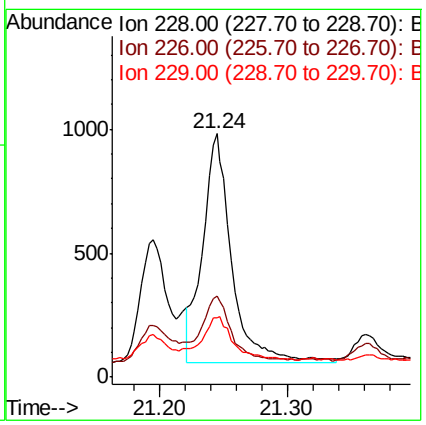
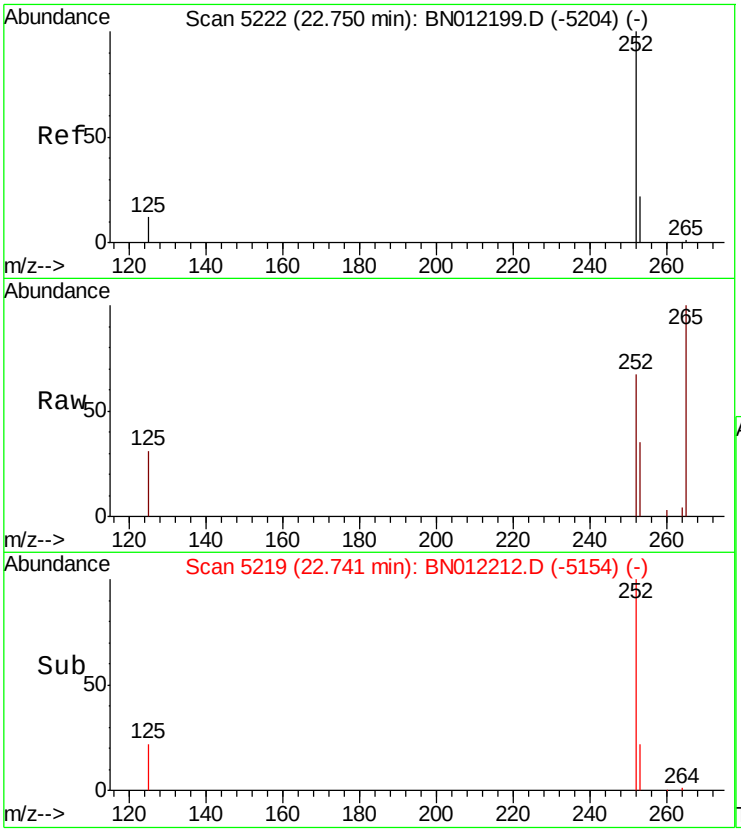


#19
Chrysene
Concen: 0.065 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:228 Resp: 1472

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.6	37.0
229	24.2	17.0	25.6

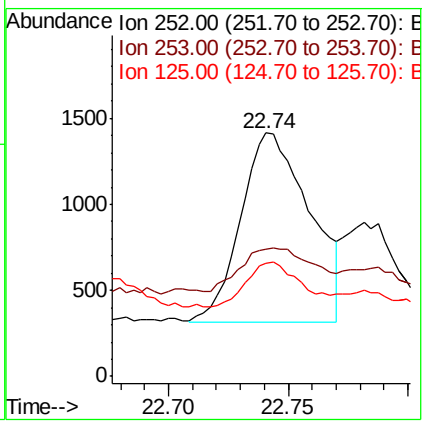




#21
Benzo(b)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:252 Resp: 2201

Ion	Ratio	Lower	Upper
252	100		
253	52.3	0.0	61.6
125	46.3	0.0	36.8#



Instrument :
BNA_N
ClientSampleId :
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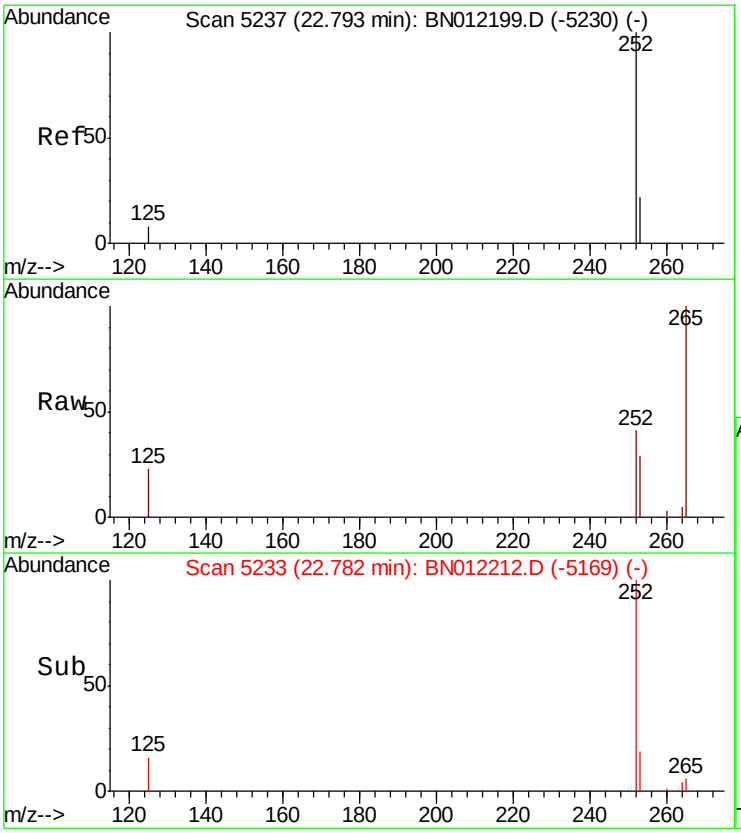
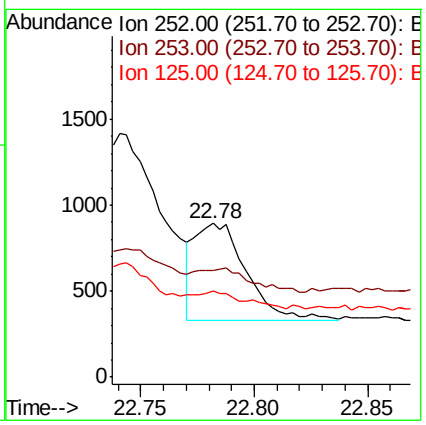
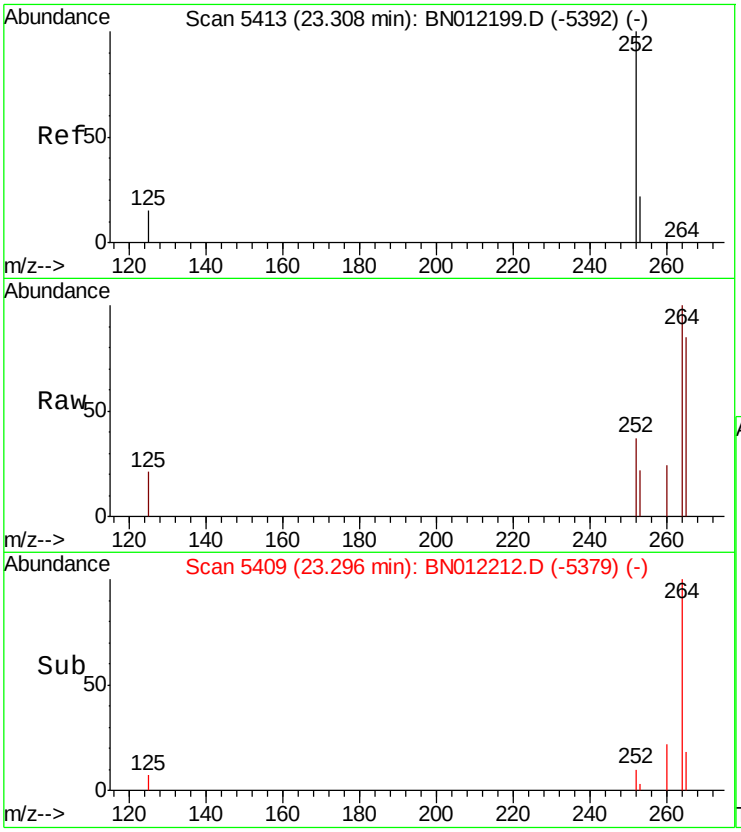


#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:252 Resp: 909

Ion	Ratio	Lower	Upper
252	100		
253	69.2	24.4	36.6#
125	56.1	12.9	19.3#





#23
Benzo(a)pyrene
Concen: 0.062 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:252 Resp: 1458

Ion	Ratio	Lower	Upper
252	100		
253	59.9	27.0	40.4#
125	57.8	18.8	28.2#

Instrument :
BNA_N
ClientSampleId :
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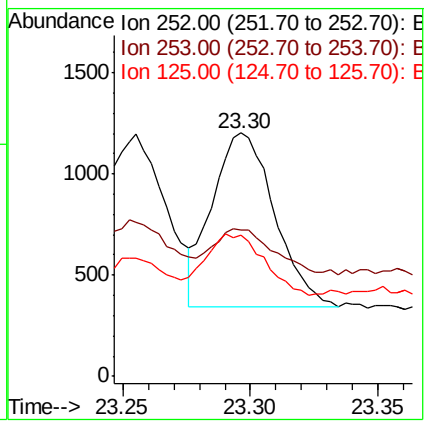
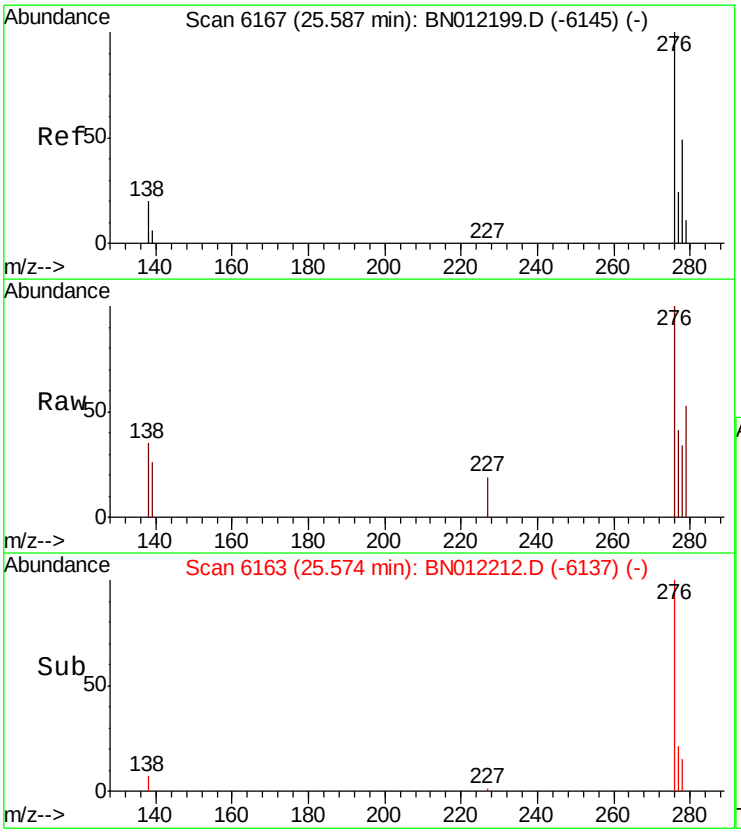
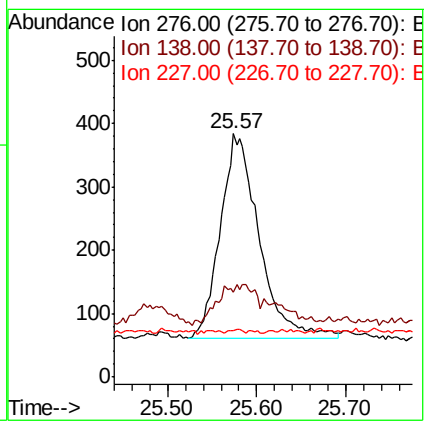


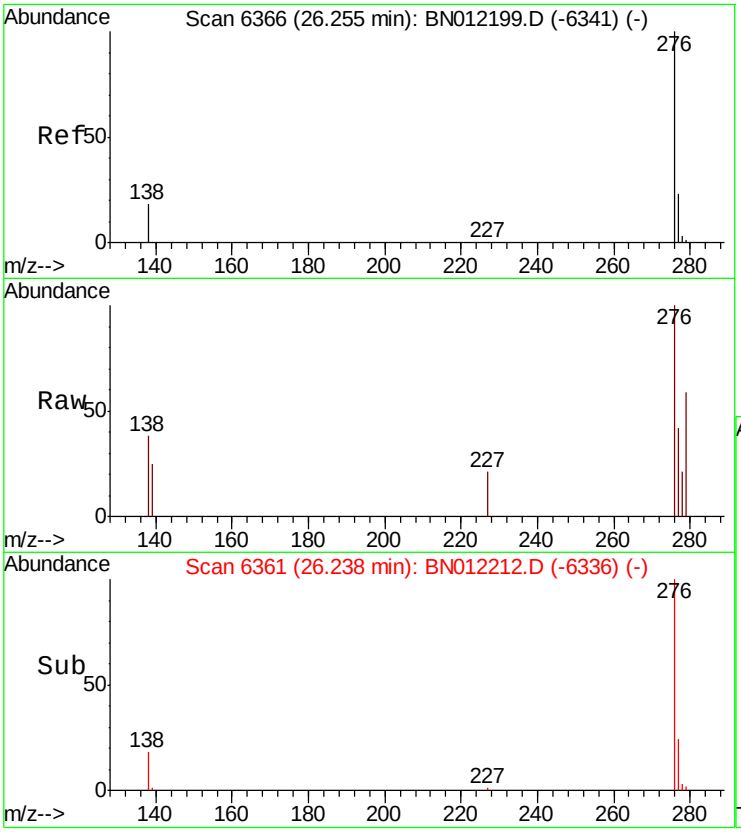


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:276 Resp: 985

Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	0.0#
227	0.7	0.0	0.0#

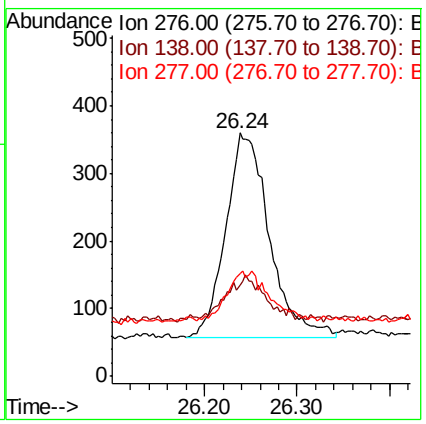




#26
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.02 min
Lab File: BN012212.D
Acq: 15 Oct 2020 01:44

Tgt Ion:276 Resp: 991

Ion	Ratio	Lower	Upper
276	100		
138	37.5	17.1	25.7#
277	41.9	21.1	31.7#



Instrument :
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