Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009233.D
Acq On : 28 Dec 2019 18:05
Operator : JU
Sample : K6278-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C72

Manual Integrations APPROVED
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12/29/2019 5:32:46 PM

Quant Time: Dec 29 04:56:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2107	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7815	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4283	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8927	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6985	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7206	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1312	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3030	0.12	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.93	178	6823	0.220	ng/ul	97
13) Anthracene	17.02	178	979	0.035	ng/ul#	80
15) Fluoranthene	18.95	202	17425	0.491	ng/ul	99
17) Pyrene	19.32	202	13407	0.376	ng/ul	100
18) Benzo(a)anthracene	21.07	228	5772	0.186	ng/ul	96
19) Chrysene	21.13	228	7314m	0.235	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	9181m	0.273	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	3186m	0.094	ng/ul	
23) Benzo(a)pyrene	23.12	252	4726	0.160	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.31	276	3812	0.119	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.32	278	1006	0.039	ng/ul#	21
26) Benzo(g,h,i)perylene	25.94	276	3347	0.124	ng/ul#	85

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

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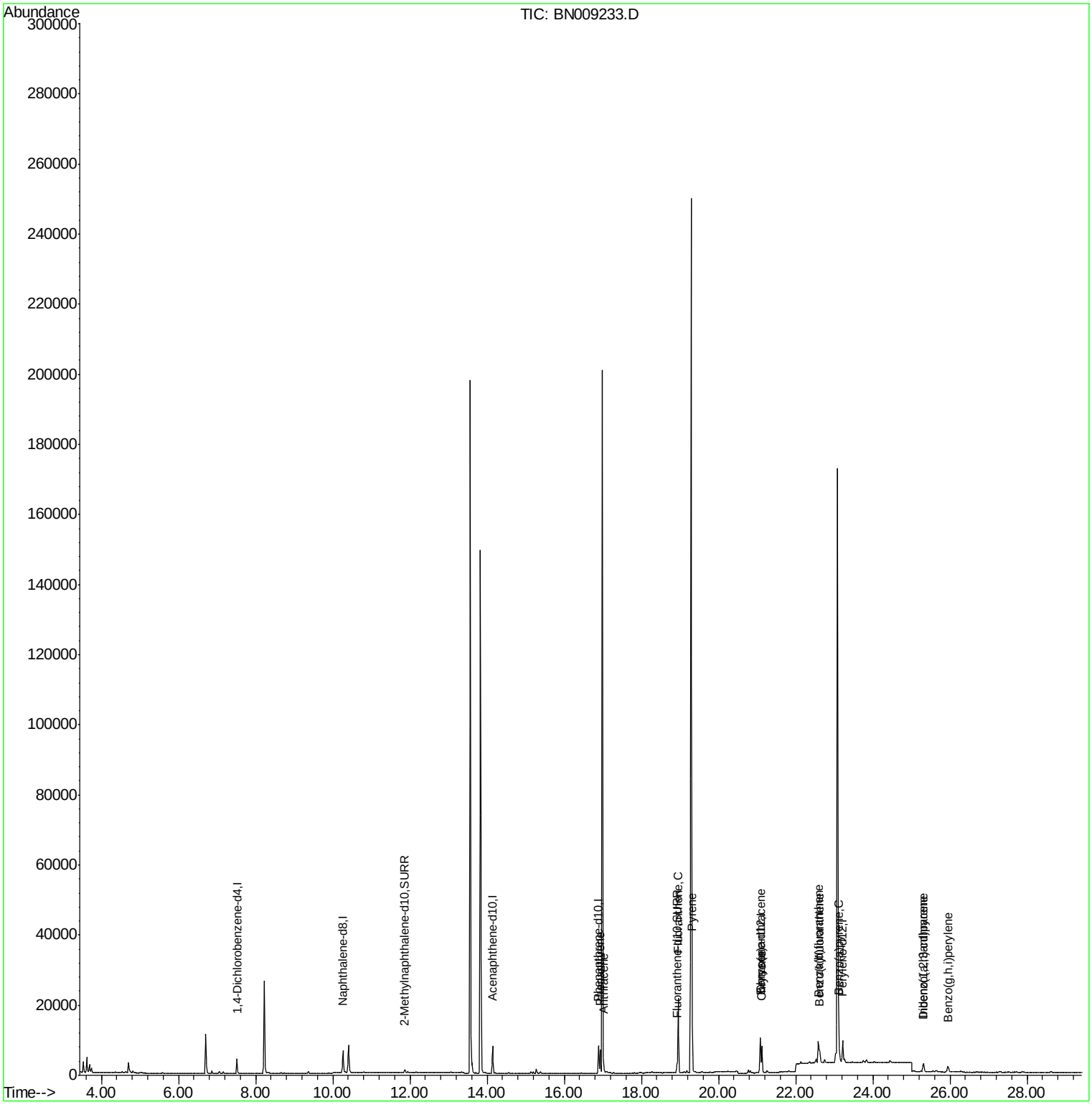
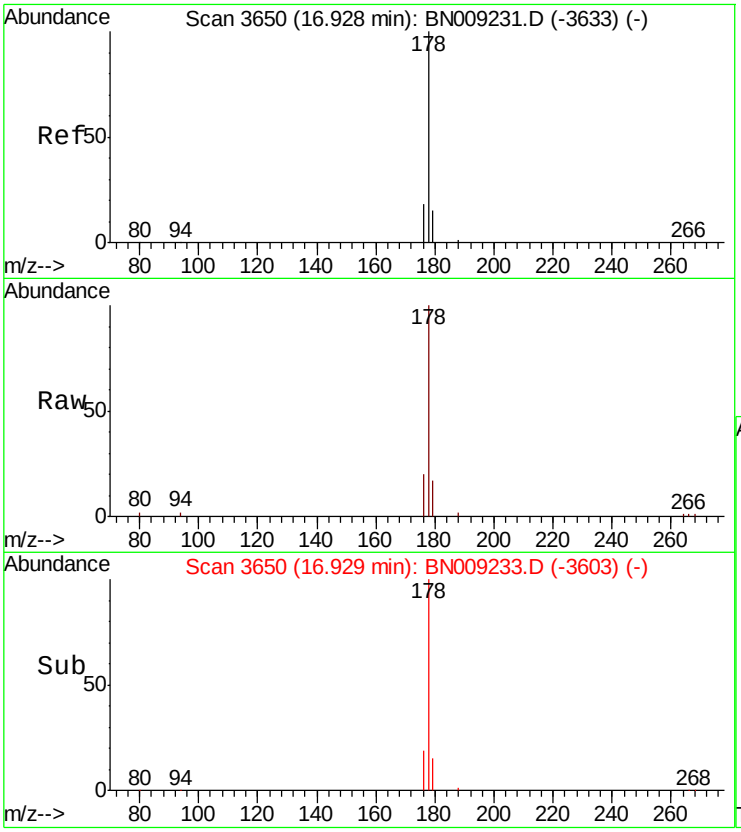
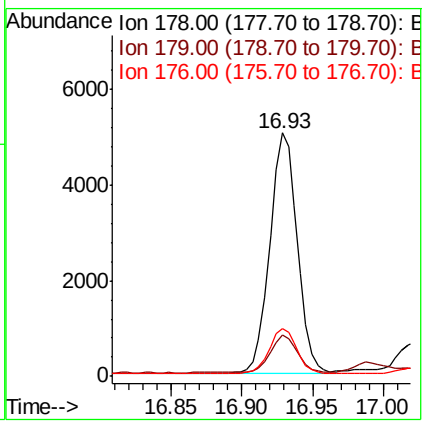




#12
Phenanthrene
Concen: 0.220 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:178 Resp: 6823

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	19.8	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
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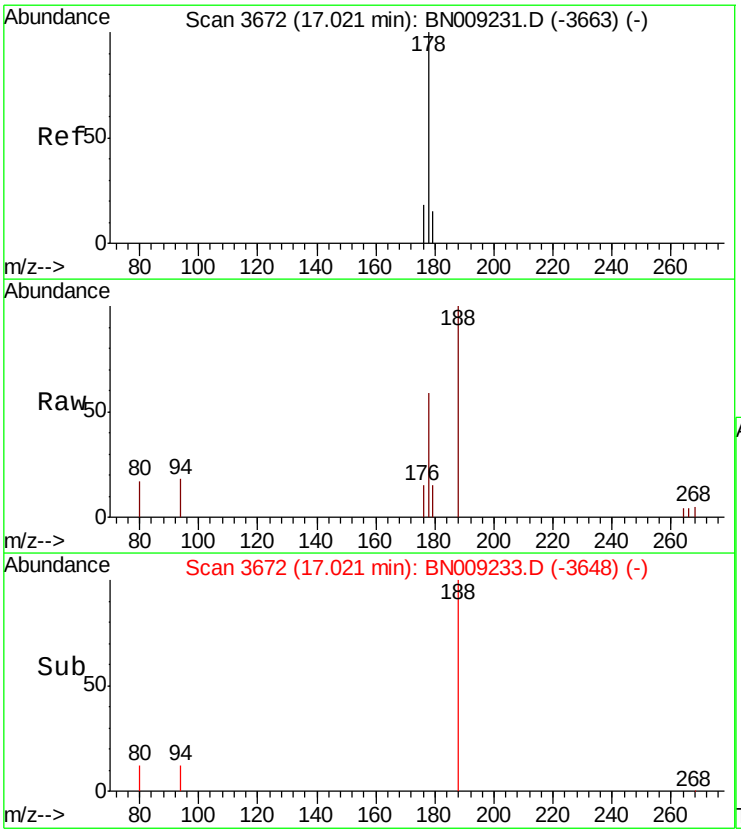
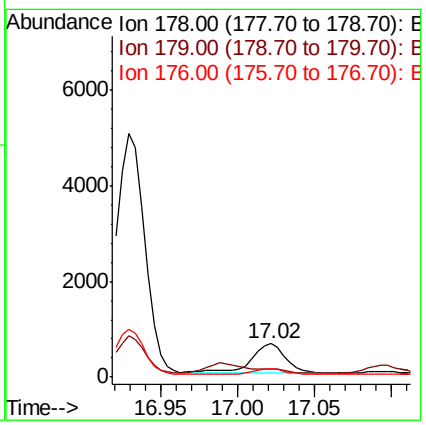
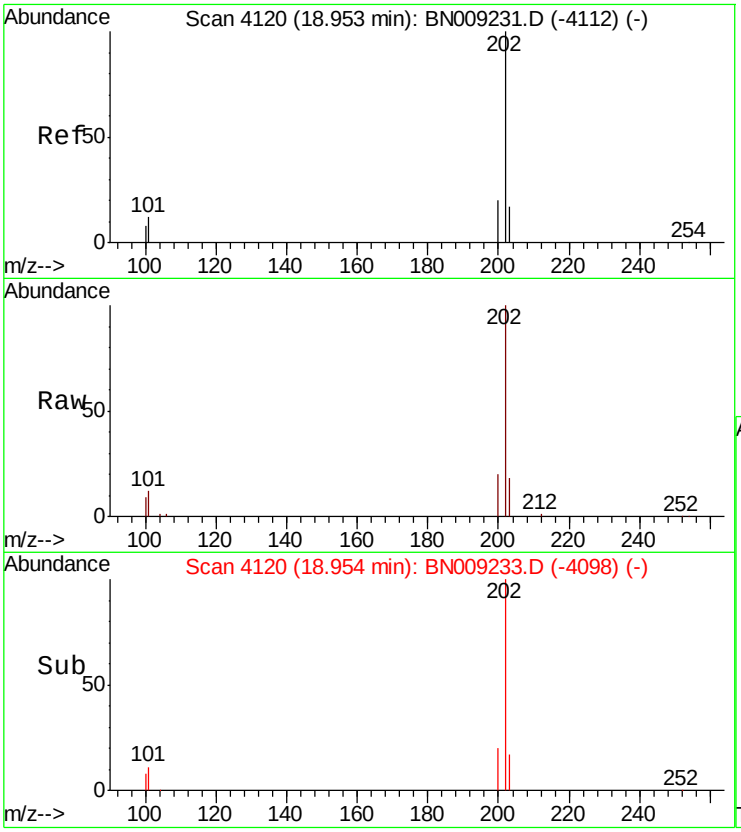


#13
Anthracene
Concen: 0.035 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:178 Resp: 979

Ion	Ratio	Lower	Upper
178	100		
179	26.1	12.5	18.7#
176	26.0	14.9	22.3#

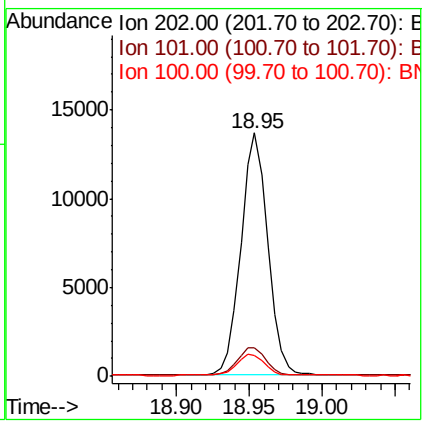




#15
Fluoranthene
Concen: 0.491 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:202 Resp: 17425

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.5
100	8.7	0.0	28.9



Instrument :
BNA_N
ClientSampleId :
C0C72

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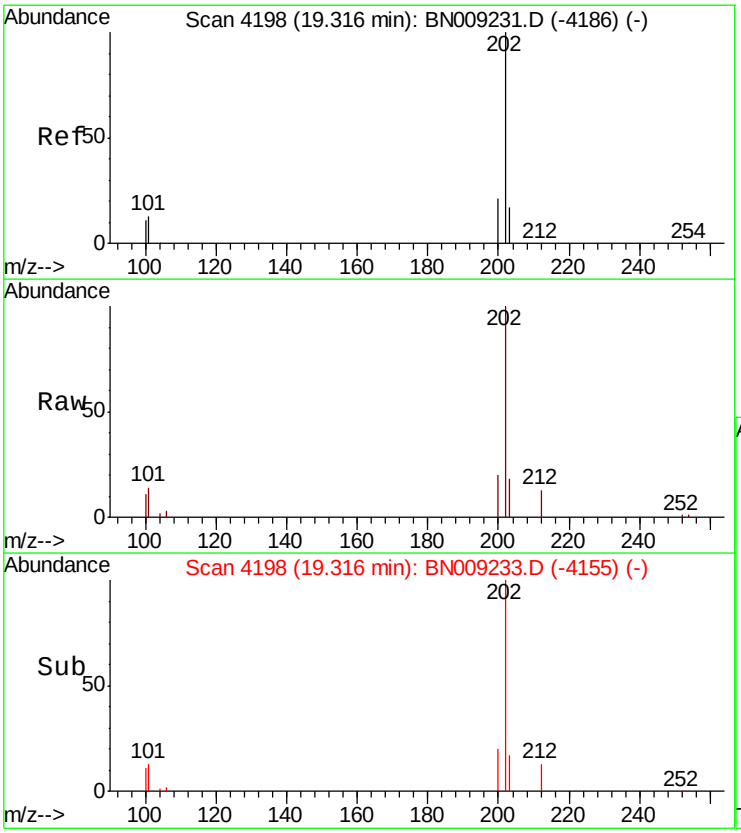
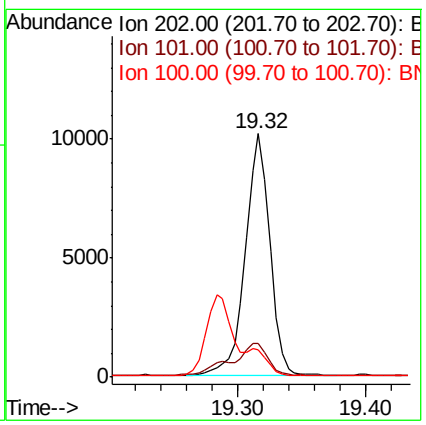
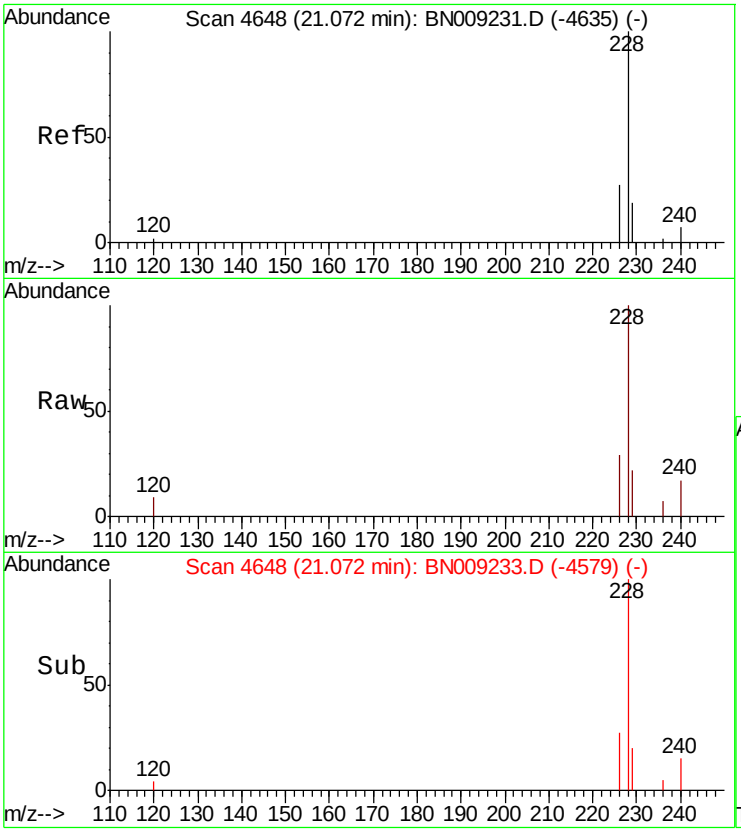


#17
Pyrene
Concen: 0.376 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:202 Resp: 13407

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.3	9.0	13.6

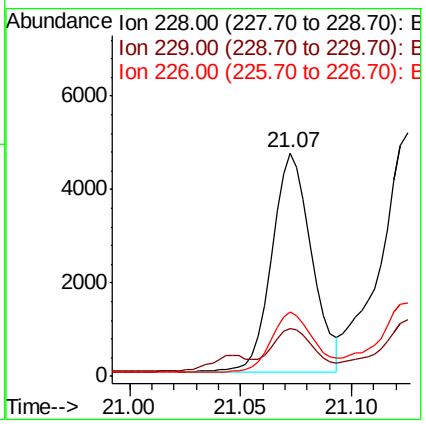




#18
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:228 Resp: 5772

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.5	23.3
226	28.6	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
C0C72

Manual Integrations APPROVED
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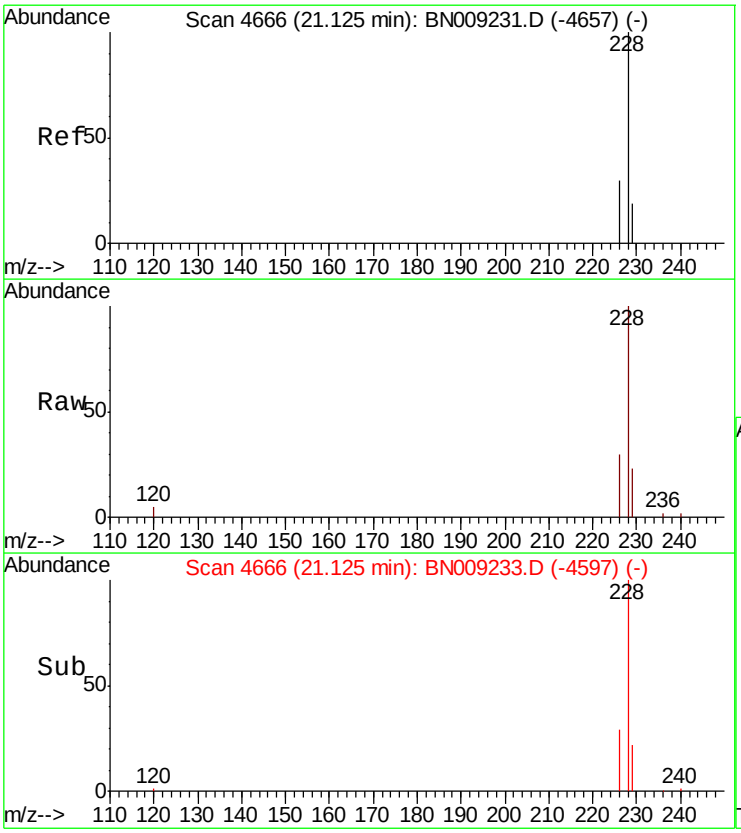
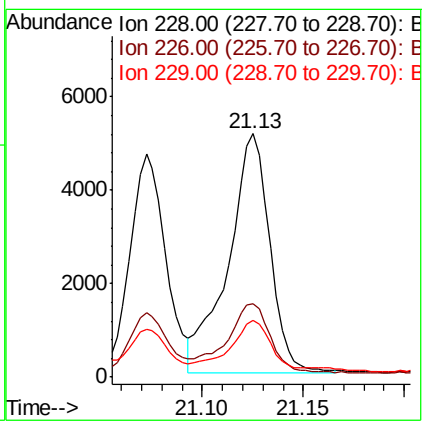
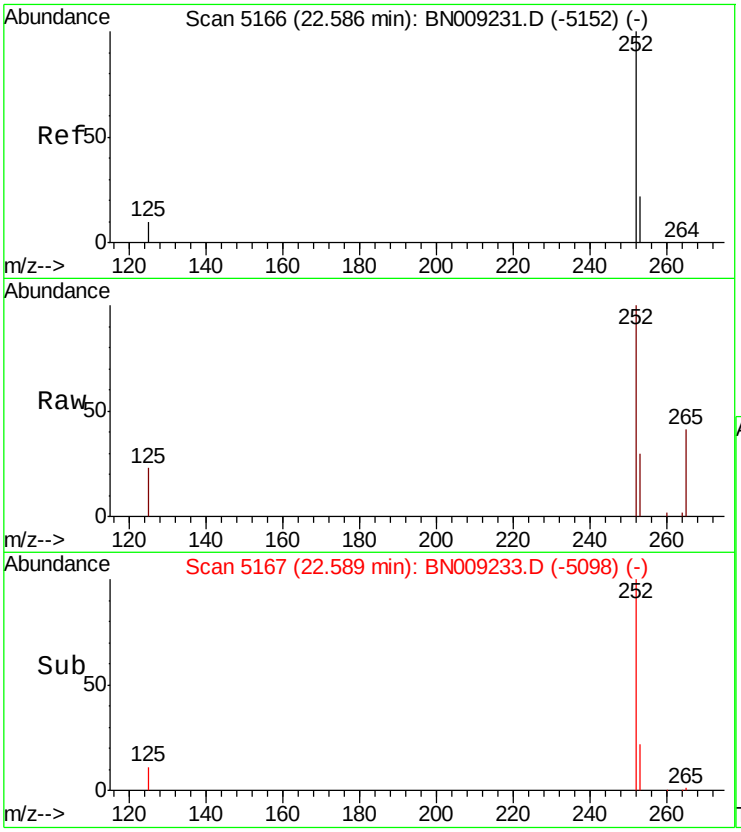


#19
Chrysene
Concen: 0.235 ng/ul m
RT: 21.13 min Scan# 4666
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:228 Resp: 7314

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	23.2	15.4	23.0#

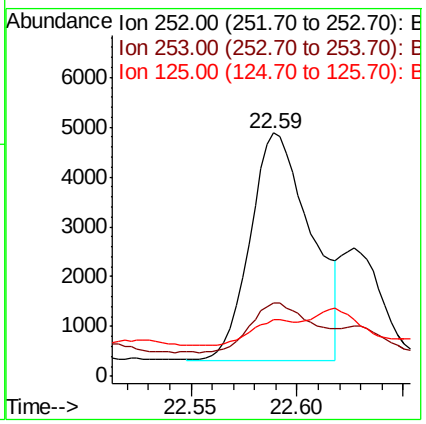




#21
Benzo(b)fluoranthene
Concen: 0.273 ng/ul m
RT: 22.59 min Scan# 5167
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:252 Resp: 9181

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	48.2
125	23.0	0.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0C72

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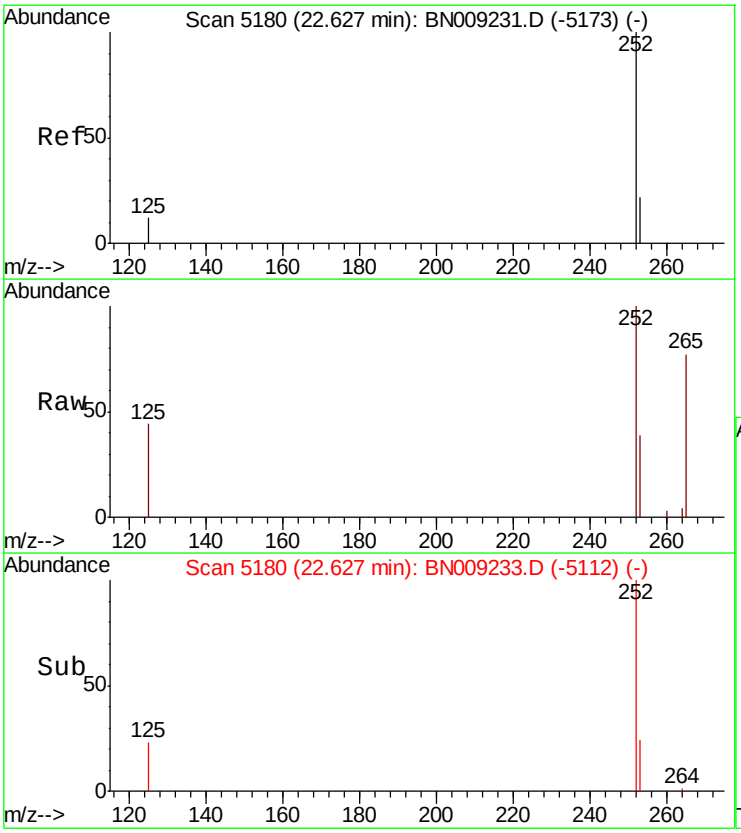
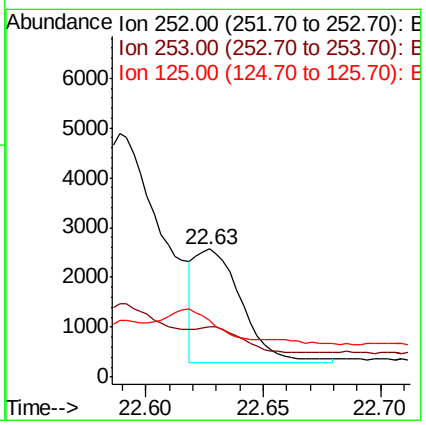
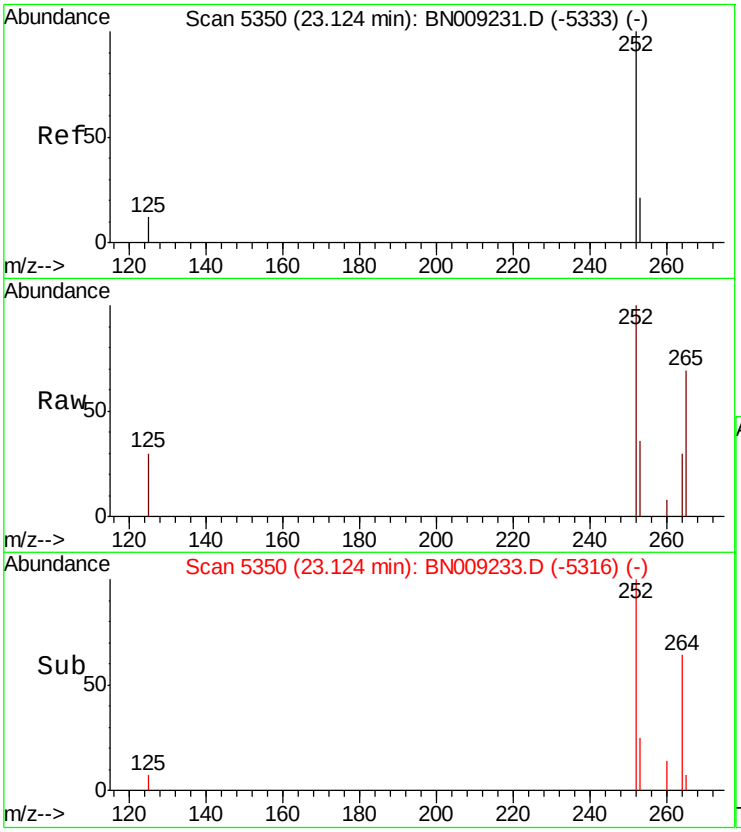


#22
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.63 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:252 Resp: 3186

Ion	Ratio	Lower	Upper
252	100		
253	39.3	19.4	29.0#
125	44.2	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.160 ng/ul
RT: 23.12 min Scan# 5350
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:252 Resp: 4726

Ion	Ratio	Lower	Upper
252	100		
253	36.5	20.2	30.4#
125	30.4	13.2	19.8#

Instrument :
BNA_N
ClientSampleId :
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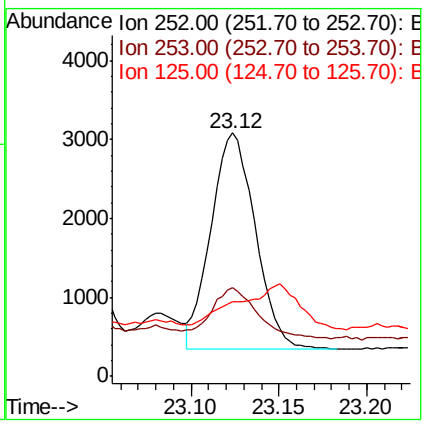
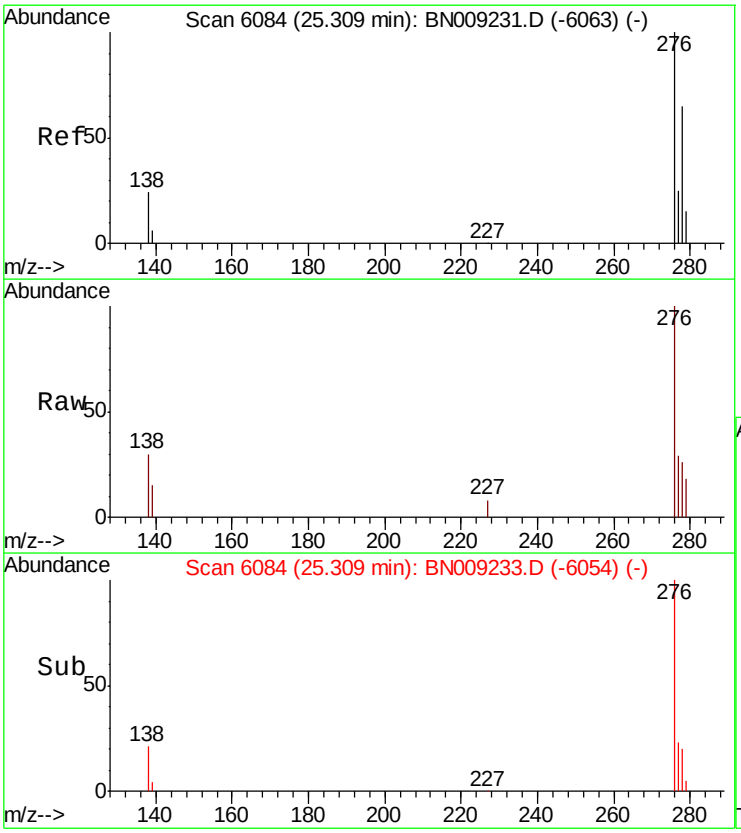
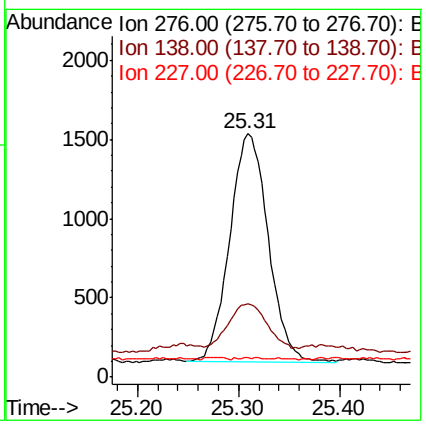


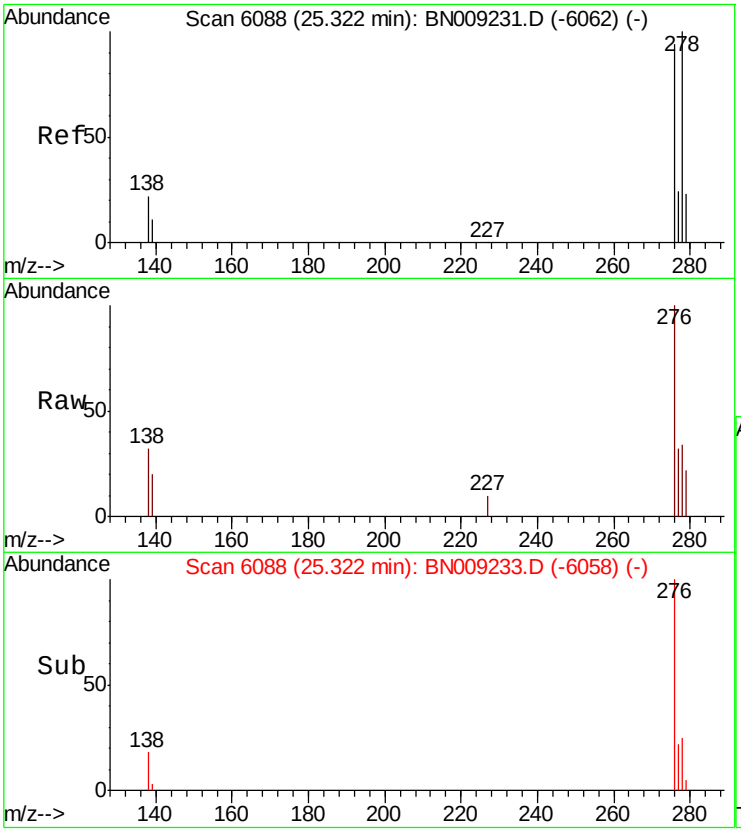


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:276 Resp: 3812

Ion	Ratio	Lower	Upper
276	100		
138	19.5	22.4	33.6#
227	0.6	0.2	0.4#

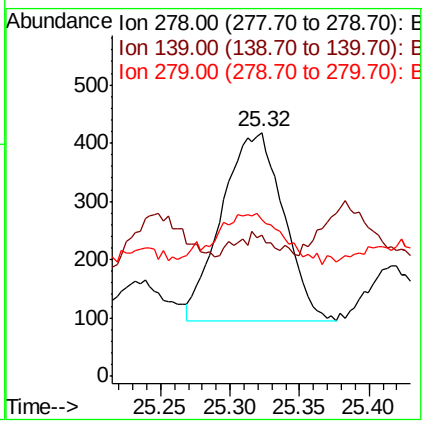




#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.32 min Scan# 6088
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:278 Resp: 1006

Ion	Ratio	Lower	Upper
278	100		
139	57.9	16.2	24.2#
279	64.1	20.3	30.5#



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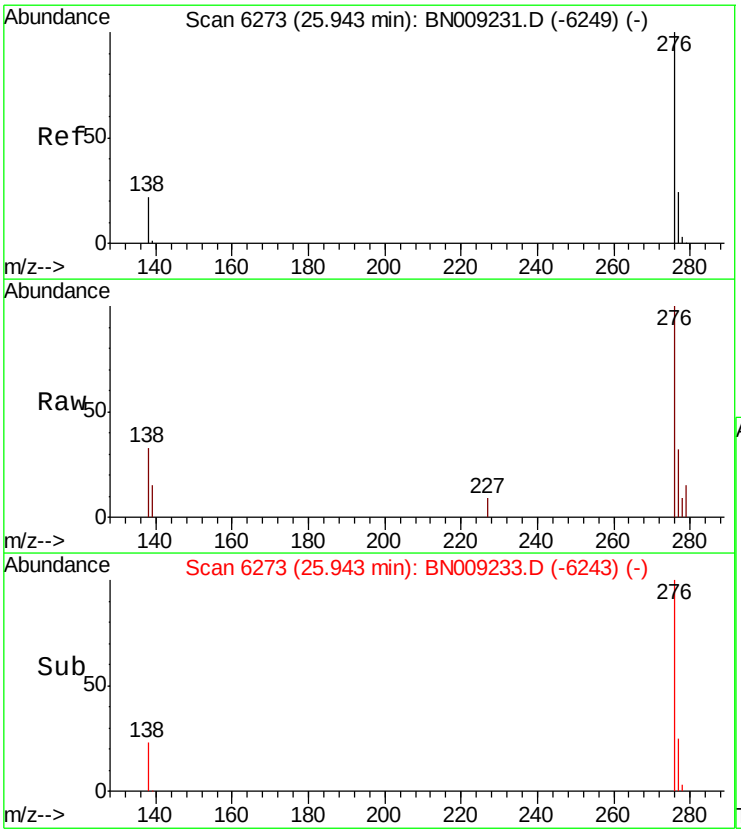

#26
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 25.94 min Scan# 6273
Delta R.T. 0.00 min
Lab File: BN009233.D
Acq: 28 Dec 2019 18:05

Tgt Ion:276 Resp: 3347

Ion	Ratio	Lower	Upper
276	100		
138	33.5	20.6	30.8#
277	31.8	19.6	29.4#