Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
Data File : BN009267.D
Acq On : 30 Dec 2019 19:31
Operator : JU
Sample : K6322-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C40DL

Manual Integrations APPROVED
mohammad
12/31/2019 12:12:38 PM

Quant Time: Dec 31 01:33:43 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2622	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9477	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4997	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	9685	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7516	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7876	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1183	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	2205	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	4539	0.158	ng/ul	97
5) 2-Methylnaphthalene	11.93	142	2838	0.131	ng/ul	99
7) Acenaphthylene	13.85	152	2122	0.081	ng/ul#	93
9) Fluorene	15.19	166	638	0.026	ng/ul#	92
12) Phenanthrene	16.92	178	15647	0.465	ng/ul	100
13) Anthracene	17.02	178	3046	0.101	ng/ul	95
15) Fluoranthene	18.95	202	38016	0.987	ng/ul	99
17) Pyrene	19.31	202	33531	0.874	ng/ul	100
18) Benzo(a)anthracene	21.07	228	15479	0.464	ng/ul	97
19) Chrysene	21.12	228	18688	0.557	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	25344m	0.689	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	8781m	0.237	ng/ul	
23) Benzo(a)pyrene	23.12	252	16157	0.501	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	12109	0.345	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	2757	0.099	ng/ul#	74
26) Benzo(g,h,i)perylene	25.94	276	12065	0.408	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
Data File : BN009267.D
Acq On : 30 Dec 2019 19:31
Operator : JU
Sample : K6322-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 31 01:33:43 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C40DL

Manual Integrations APPROVED
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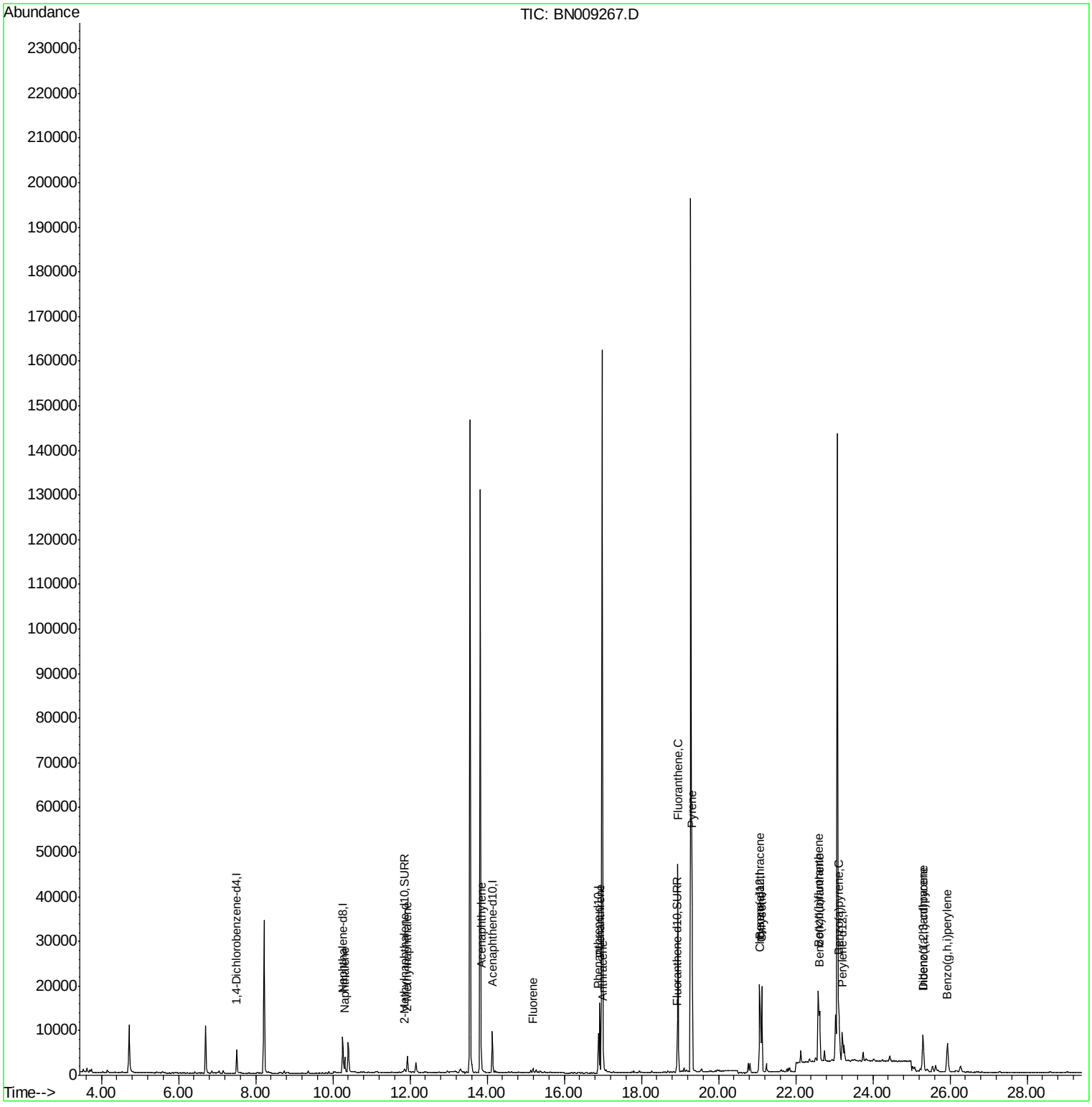
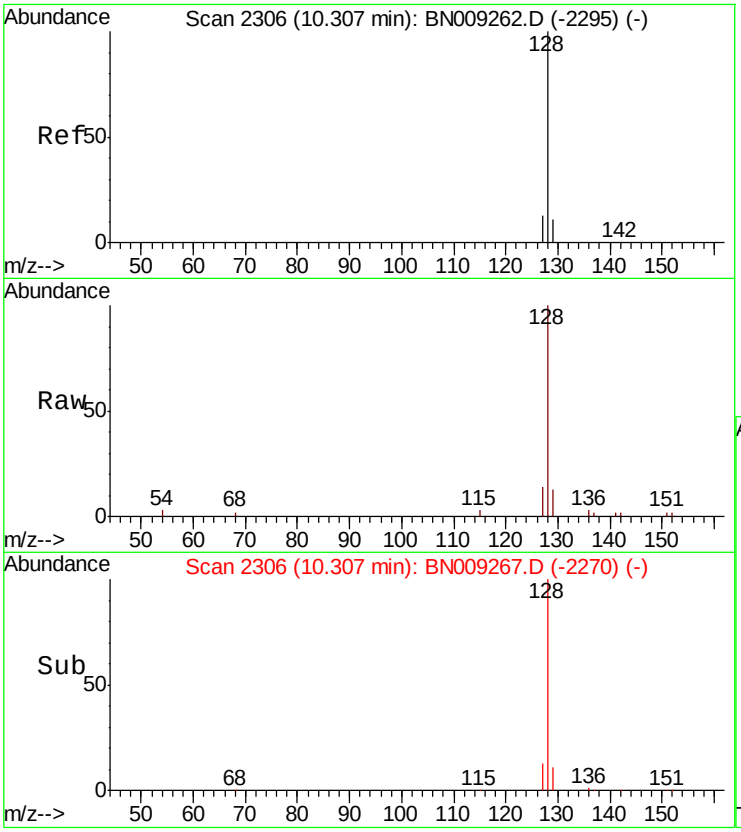
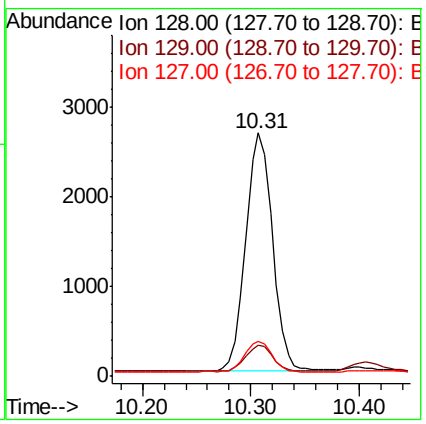




#3
Naphthalene
Concen: 0.158 ng/ul
RT: 10.31 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:128 Resp: 4539

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.4
127	14.5	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
C0C40DL

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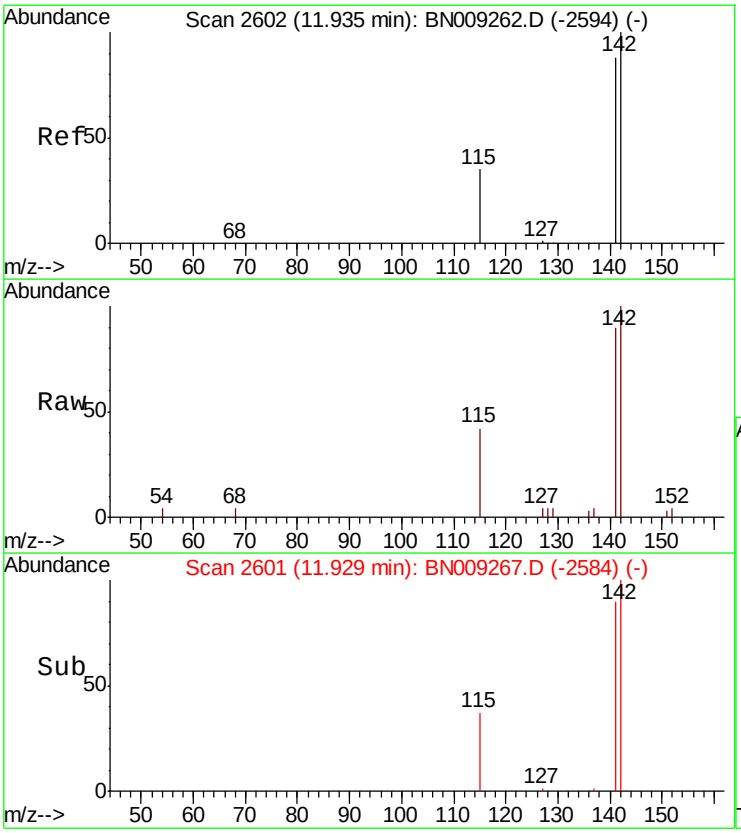
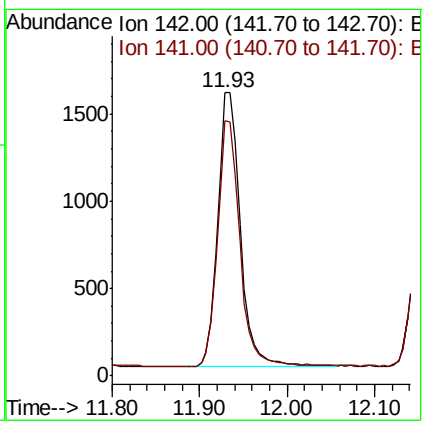
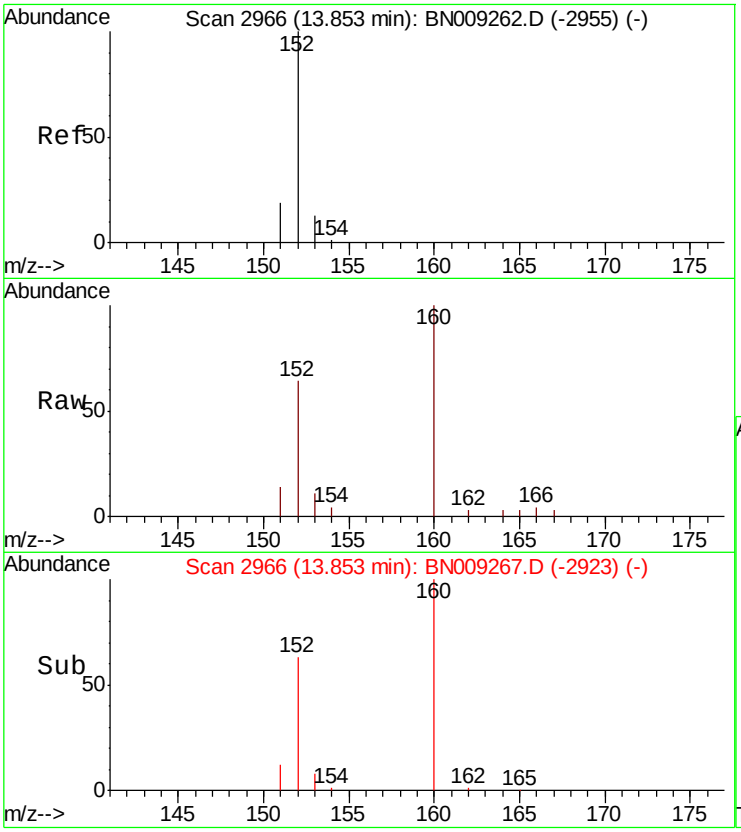


#5
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 11.93 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:142 Resp: 2838

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.4

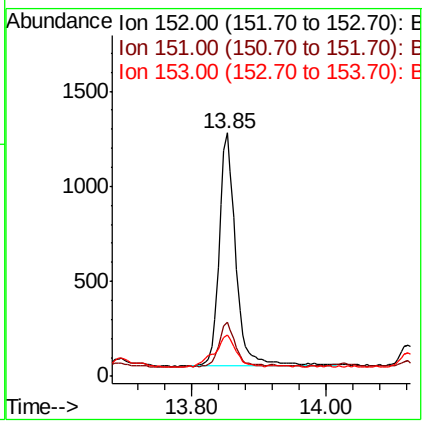




#7
Acenaphthylene
Concen: 0.081 ng/ul
RT: 13.85 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:152 Resp: 2122

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.7	23.5
153	16.9	10.8	16.2#



Instrument :
BNA_N
ClientSampleId :
C0C40DL

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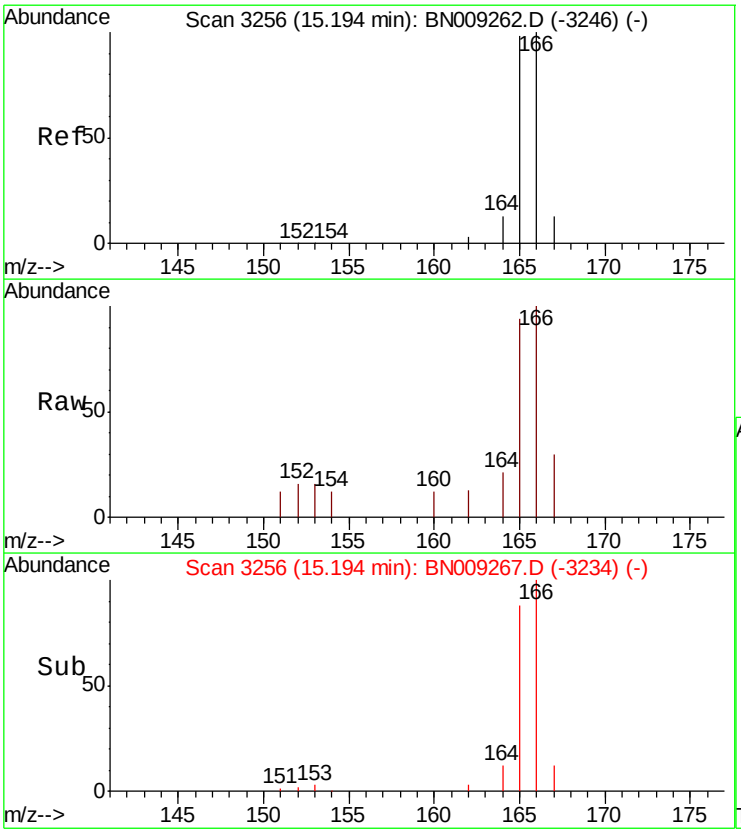
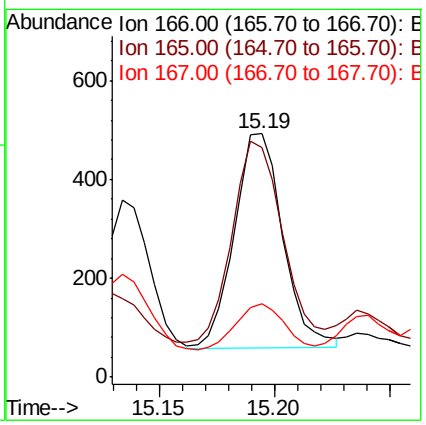
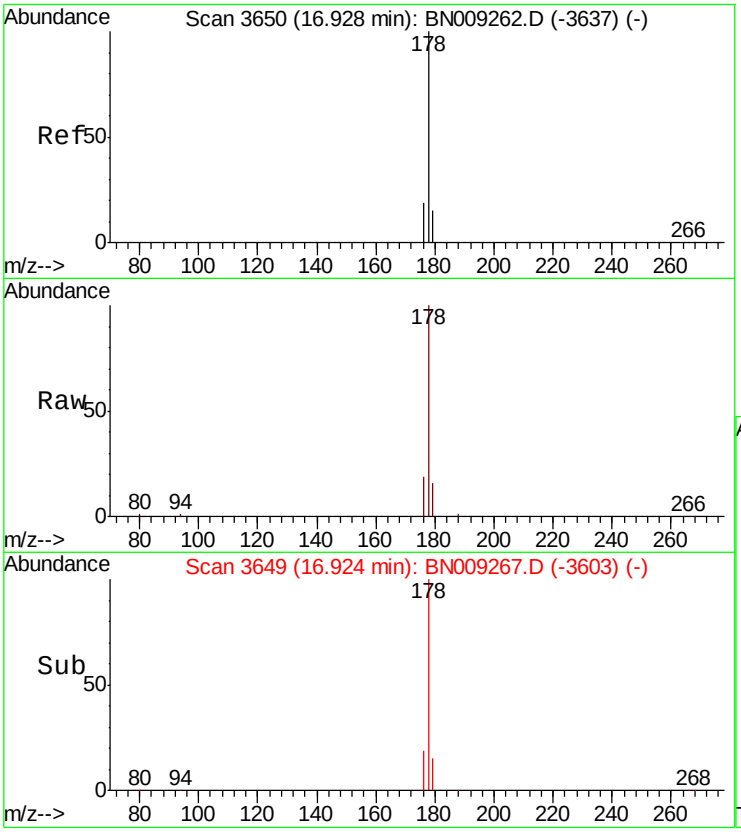


#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.19 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:166 Resp: 638

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.2	117.4
167	30.0	11.0	16.6#

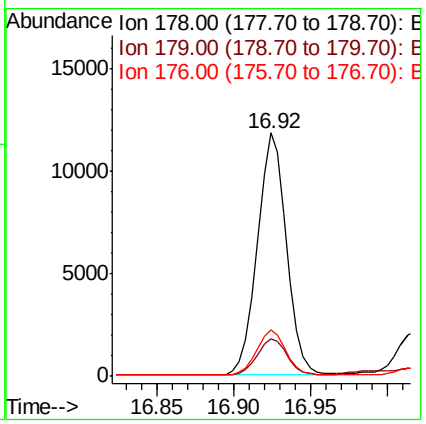




#12
Phenanthrene
Concen: 0.465 ng/ul
RT: 16.92 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:178 Resp: 15647

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0C40DL

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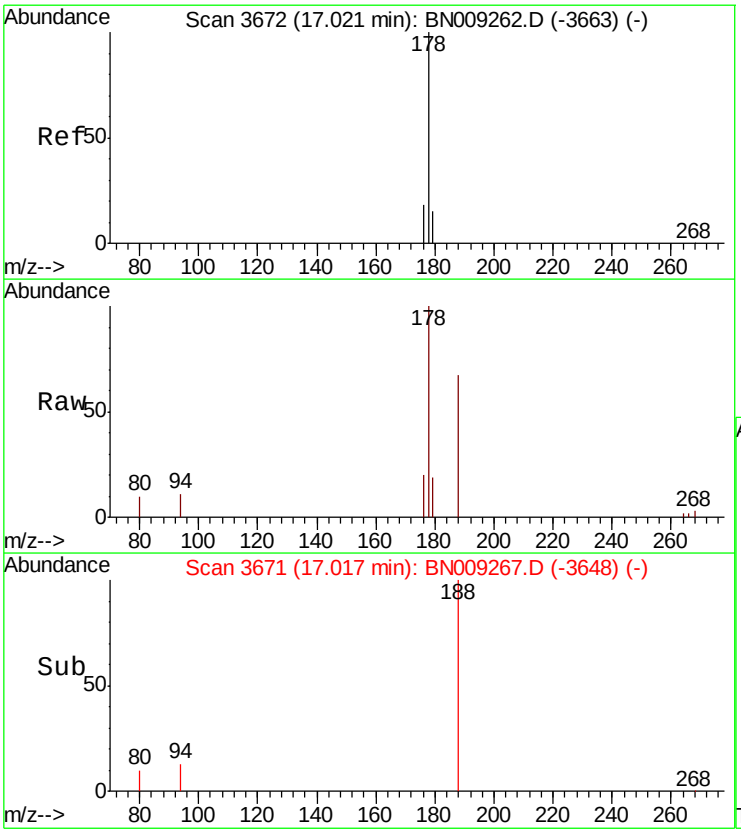
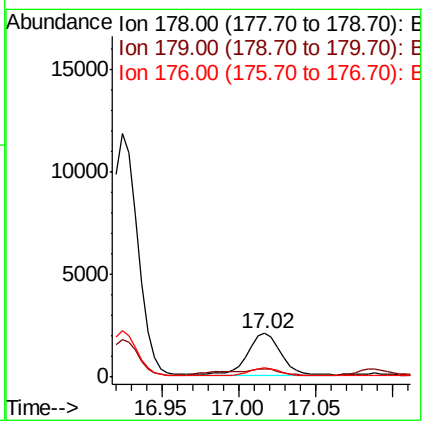
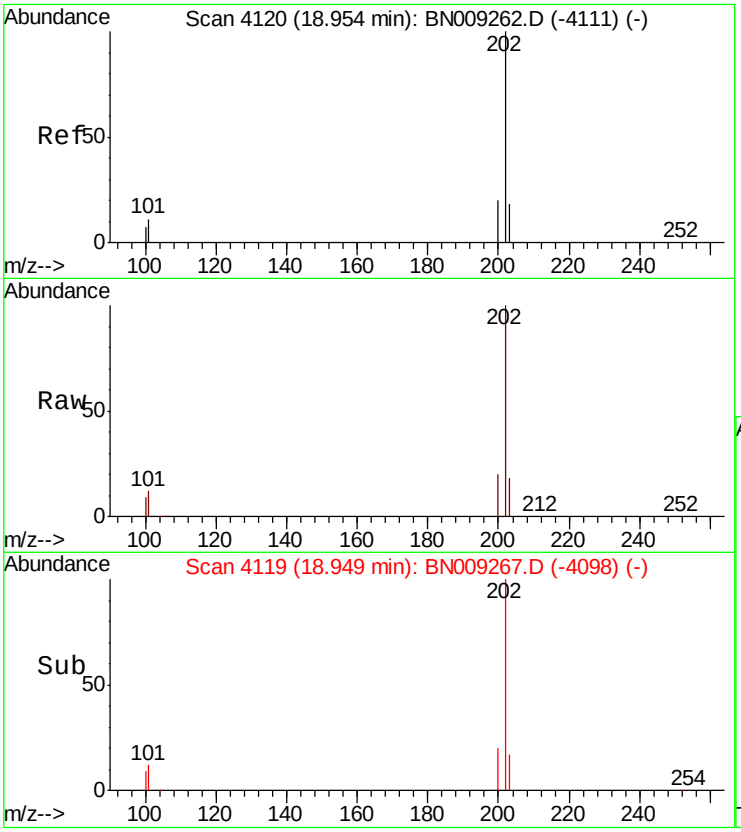


#13
Anthracene
Concen: 0.101 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:178 Resp: 3046

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.5	18.7
176	20.1	14.9	22.3

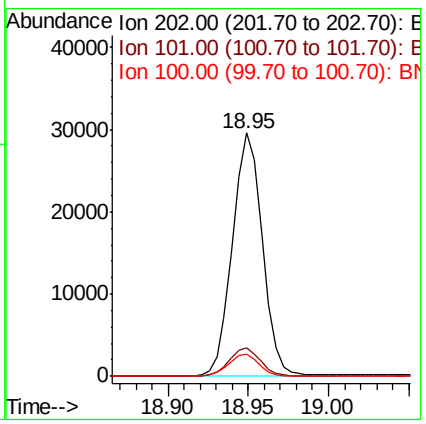




#15
Fluoranthene
Concen: 0.987 ng/ul
RT: 18.95 min Scan# 4119
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:202 Resp: 38016

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.5
100	9.0	0.0	28.9



Instrument :
BNA_N
ClientSampleId :
C0C40DL

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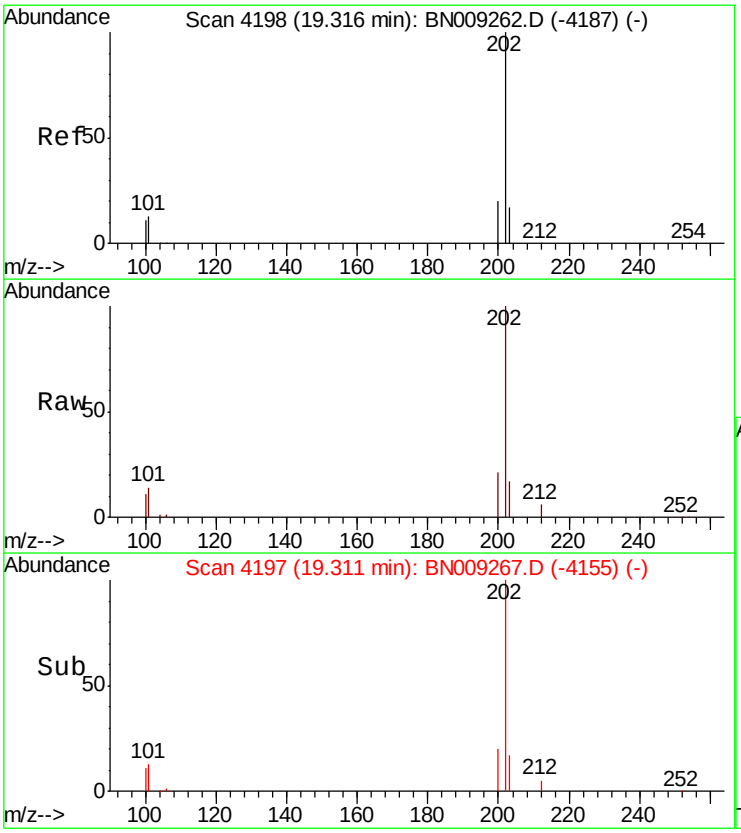
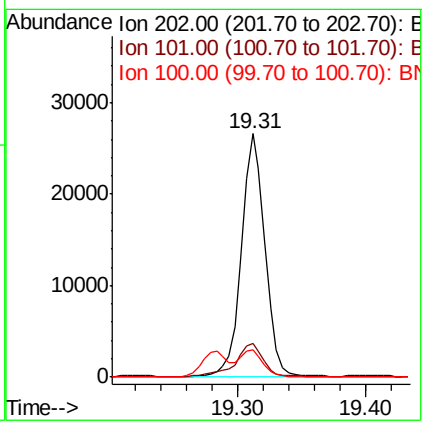
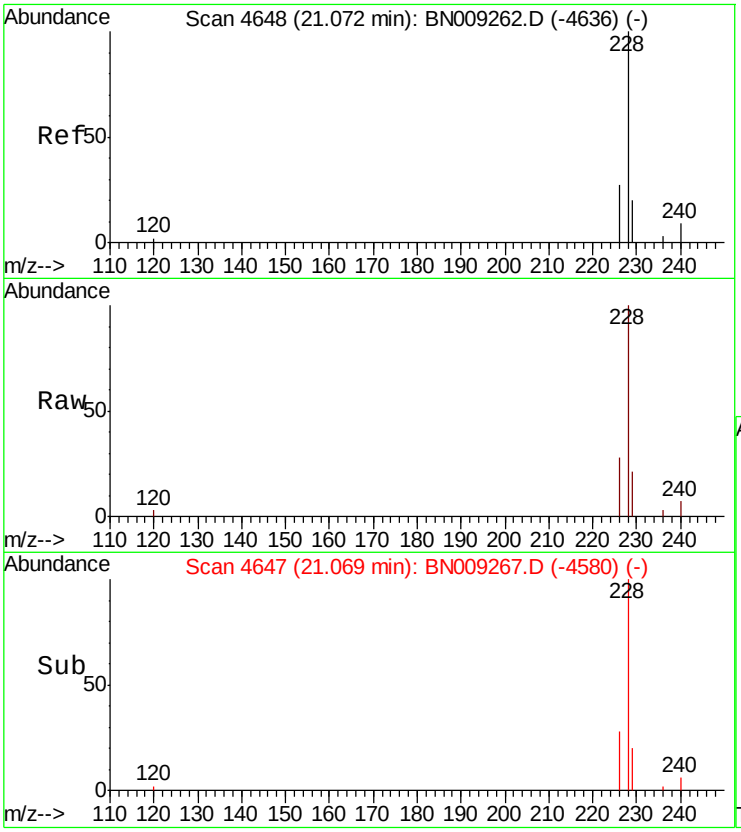


#17
Pyrene
Concen: 0.874 ng/ul
RT: 19.31 min Scan# 4197
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:202 Resp: 33531

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.2	9.0	13.6

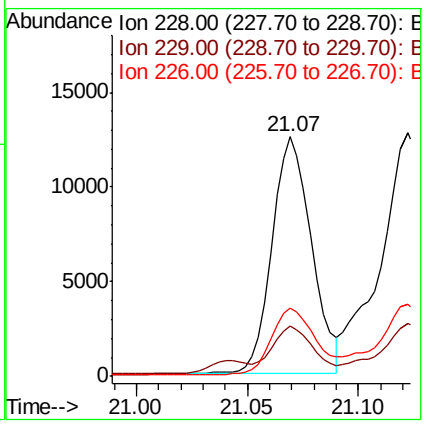




#18
Benzo(a)anthracene
Concen: 0.464 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:228 Resp: 15479

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	28.4	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
C0C40DL

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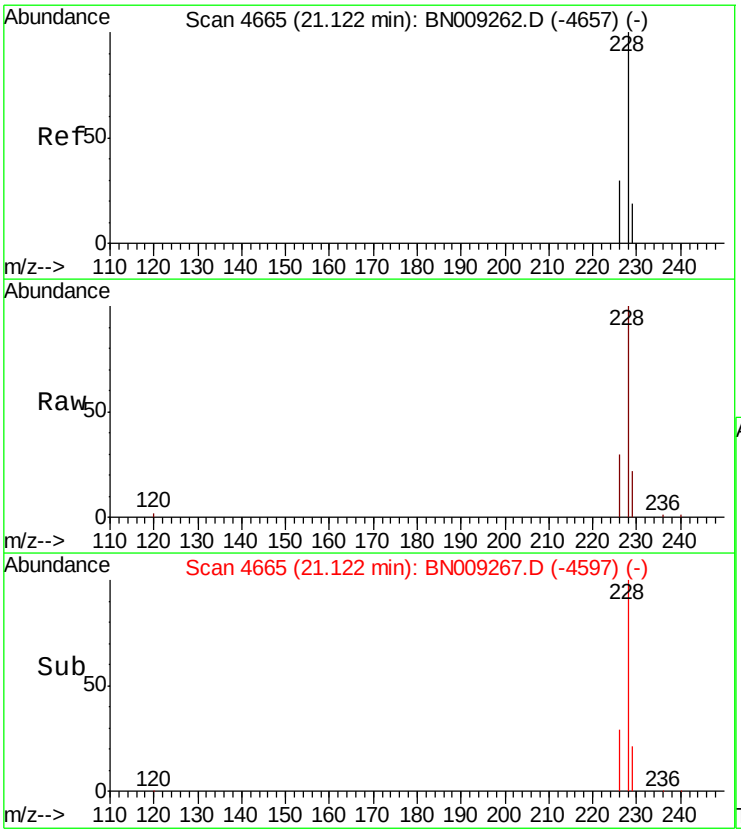
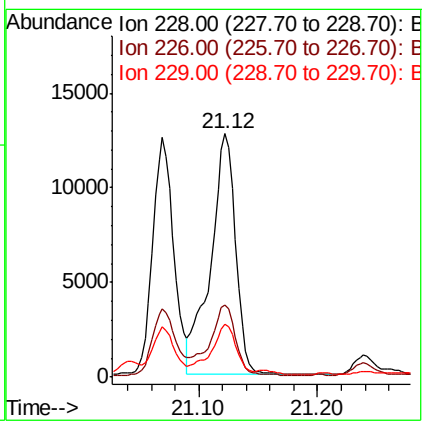
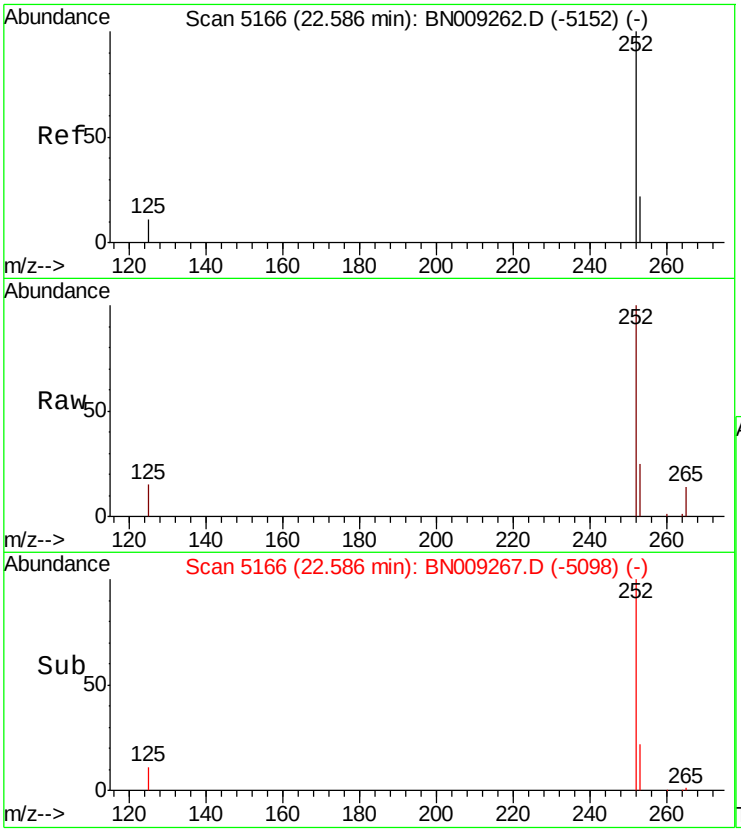


#19
Chrysene
Concen: 0.557 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:228 Resp: 18688

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	22.0	15.4	23.0





#21
Benzo(b)fluoranthene
Concen: 0.689 ng/ul m
RT: 22.59 min Scan# 5166
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:252 Resp: 25344

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	48.2
125	14.6	0.0	30.0

Instrument :
BNA_N
ClientSampleId :
C0C40DL

Manual Integrations APPROVED
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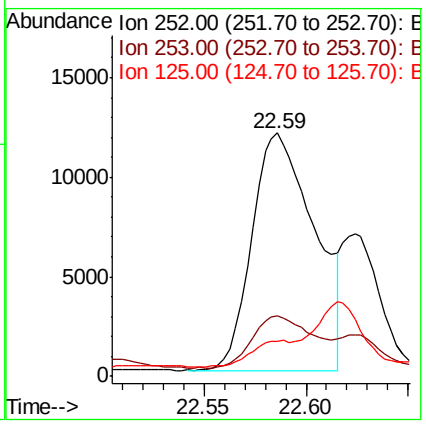
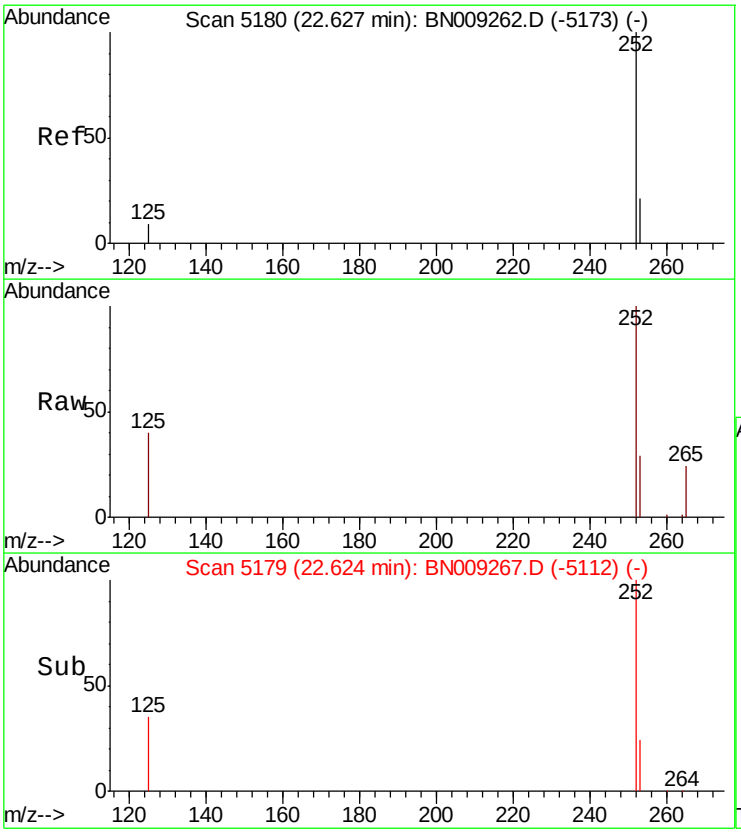
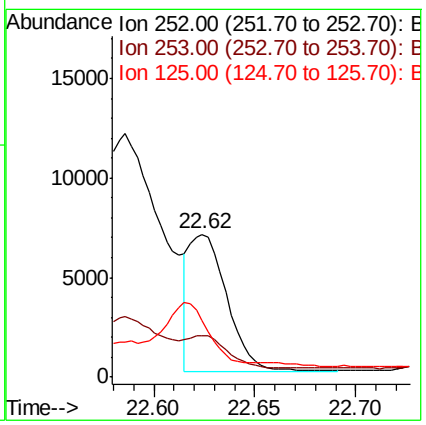


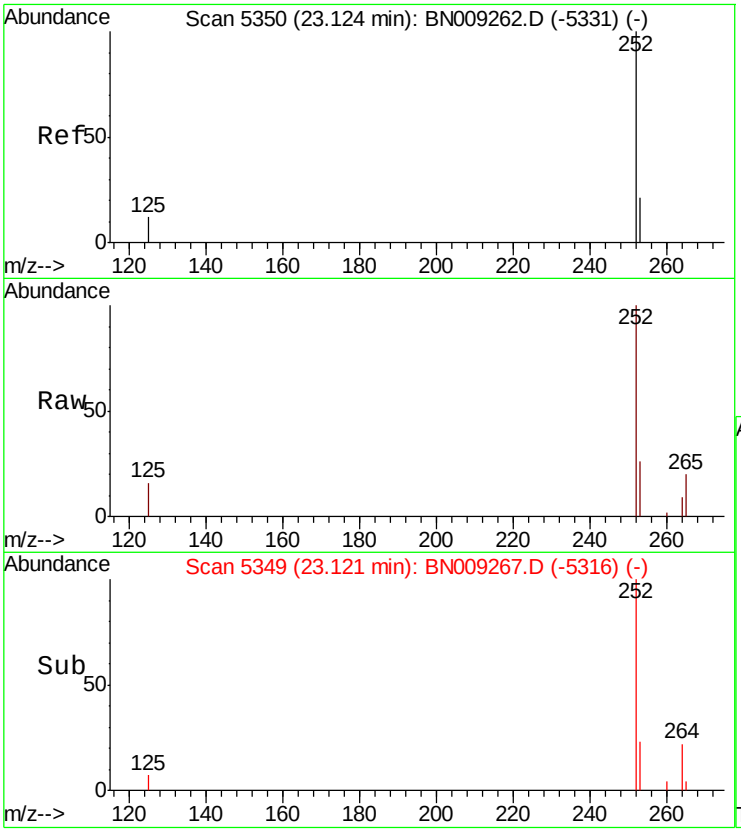


#22
Benzo(k)fluoranthene
Concen: 0.237 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:252 Resp: 8781

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.4	29.0
125	40.1	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.501 ng/ul
RT: 23.12 min Scan# 5349
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:252 Resp: 16157

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.2	30.4
125	16.4	13.2	19.8

Instrument :
BNA_N
ClientSampleId :
C0C40DL

Manual Integrations APPROVED
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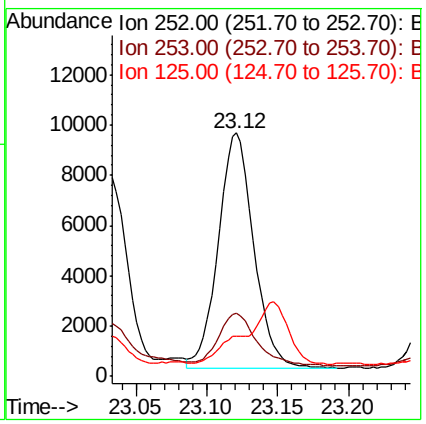
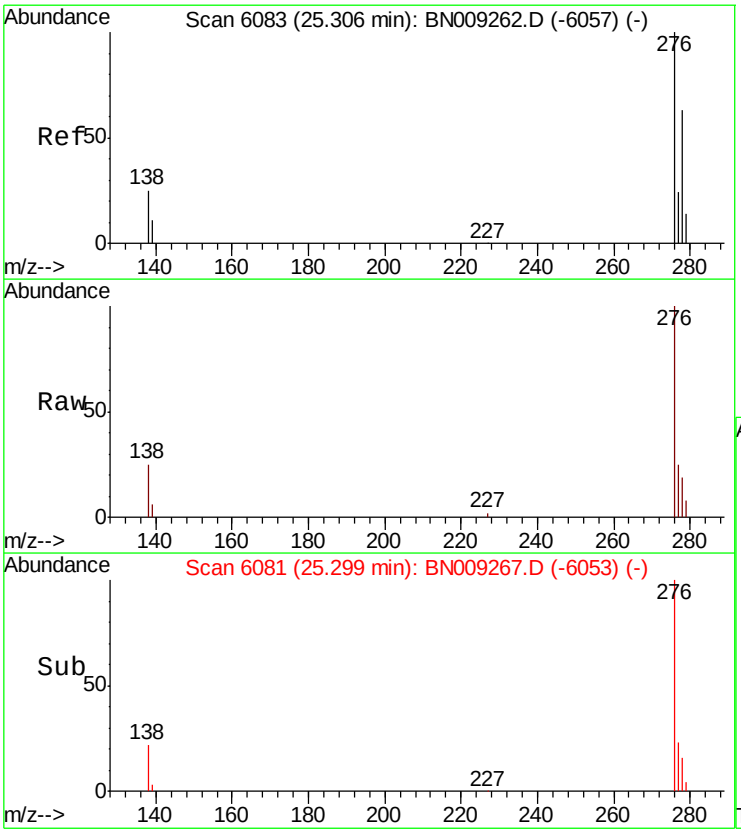
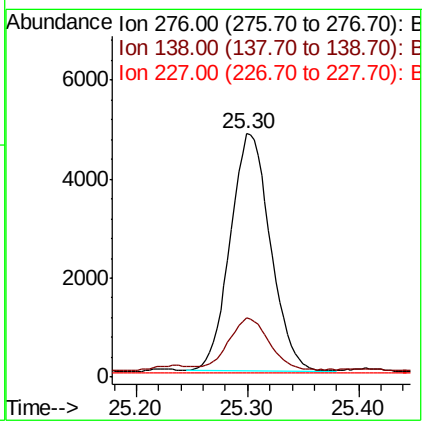


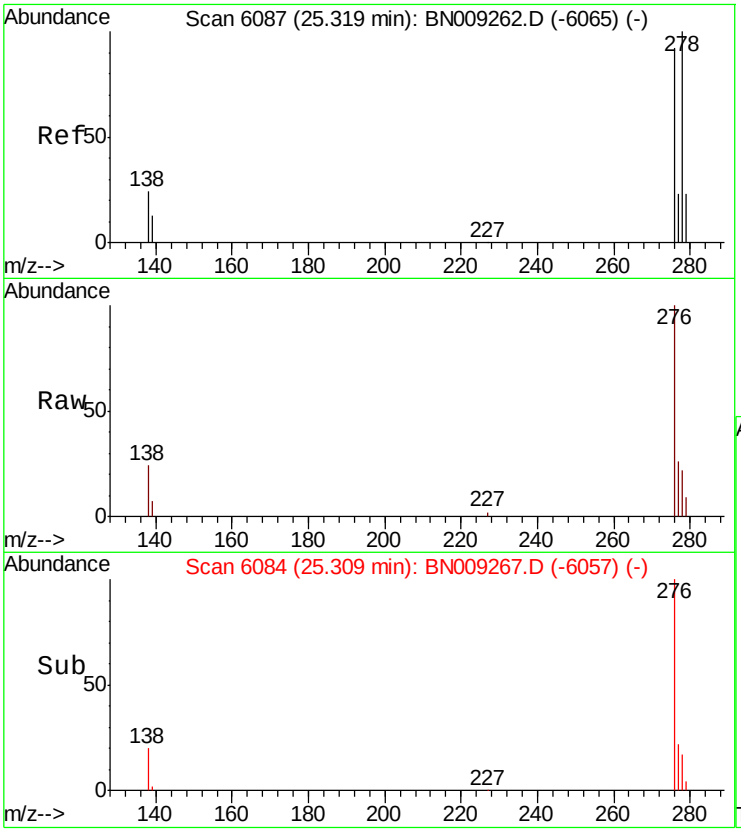


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 25.30 min Scan# 6081
Delta R.T. -0.01 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:276 Resp: 12109

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.4	33.6#
227	0.1	0.2	0.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:278 Resp: 2757

Ion	Ratio	Lower	Upper
278	100		
139	29.9	16.2	24.2#
279	40.4	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
C0C40DL

Manual Integrations APPROVED
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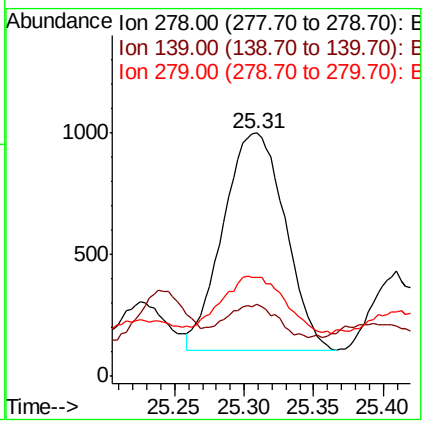
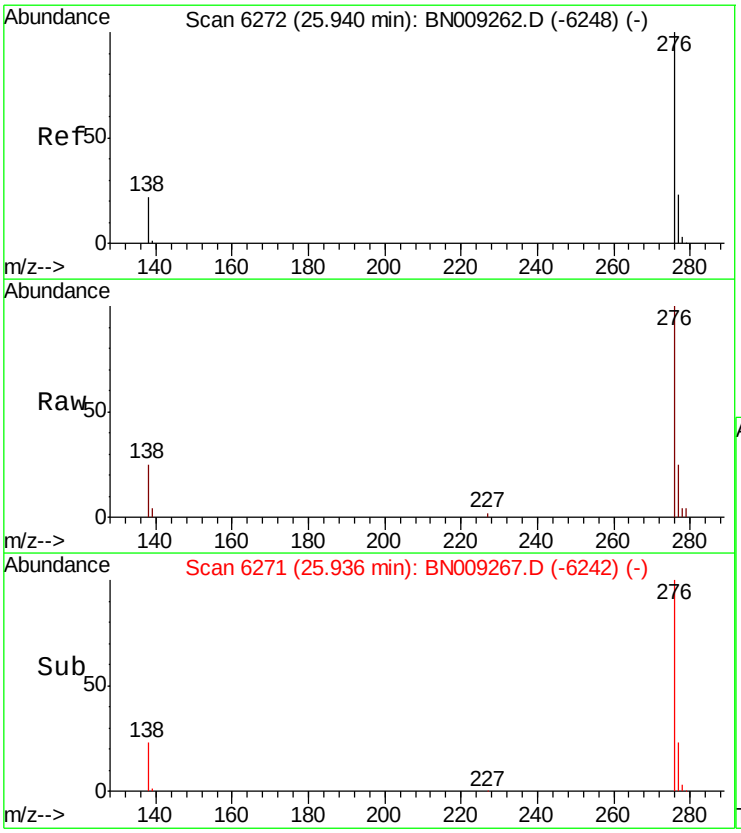
12/31/2019 12:12:38 PM





#26
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. -0.00 min
Lab File: BN009267.D
Acq: 30 Dec 2019 19:31

Tgt Ion:276 Resp: 12065

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	30.8
277	24.5	19.6	29.4