Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012819.D
Acq On : 02 Dec 2020 14:44
Operator : CG/JU
Sample : L4793-20DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B49DL

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Quant Time: Dec 02 15:24:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	819	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1957	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4032	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3479	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3603	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	200	0.04	ng/ul	0.02
14) Fluoranthene-d10	18.87	212	474	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.79	152	1191	0.125	ng/ul#	92
8) Acenaphthene	14.14	153	217	0.027	ng/ul#	89
9) Fluorene	15.14	166	415	0.047	ng/ul#	94
12) Phenanthrene	16.87	178	14607	1.041	ng/ul	97
13) Anthracene	16.97	178	3403	0.279	ng/ul	99
15) Fluoranthene	18.90	202	39666	2.449	ng/ul	97
17) Pyrene	19.27	202	36223	2.328	ng/ul	99
18) Benzo(a)anthracene	21.03	228	18309	1.469	ng/ul	98
19) Chrysene	21.08	228	17887	1.149	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	22061m	1.331	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	8860m	0.464	ng/ul	
23) Benzo(a)pyrene	23.07	252	15249m	0.978	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.22	276	9745	0.478	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.23	278	2491	0.152	ng/ul#	88
26) Benzo(g,h,i)perylene	25.85	276	8319	0.453	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012819.D
Acq On : 02 Dec 2020 14:44
Operator : CG/JU
Sample : L4793-20DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 15:24:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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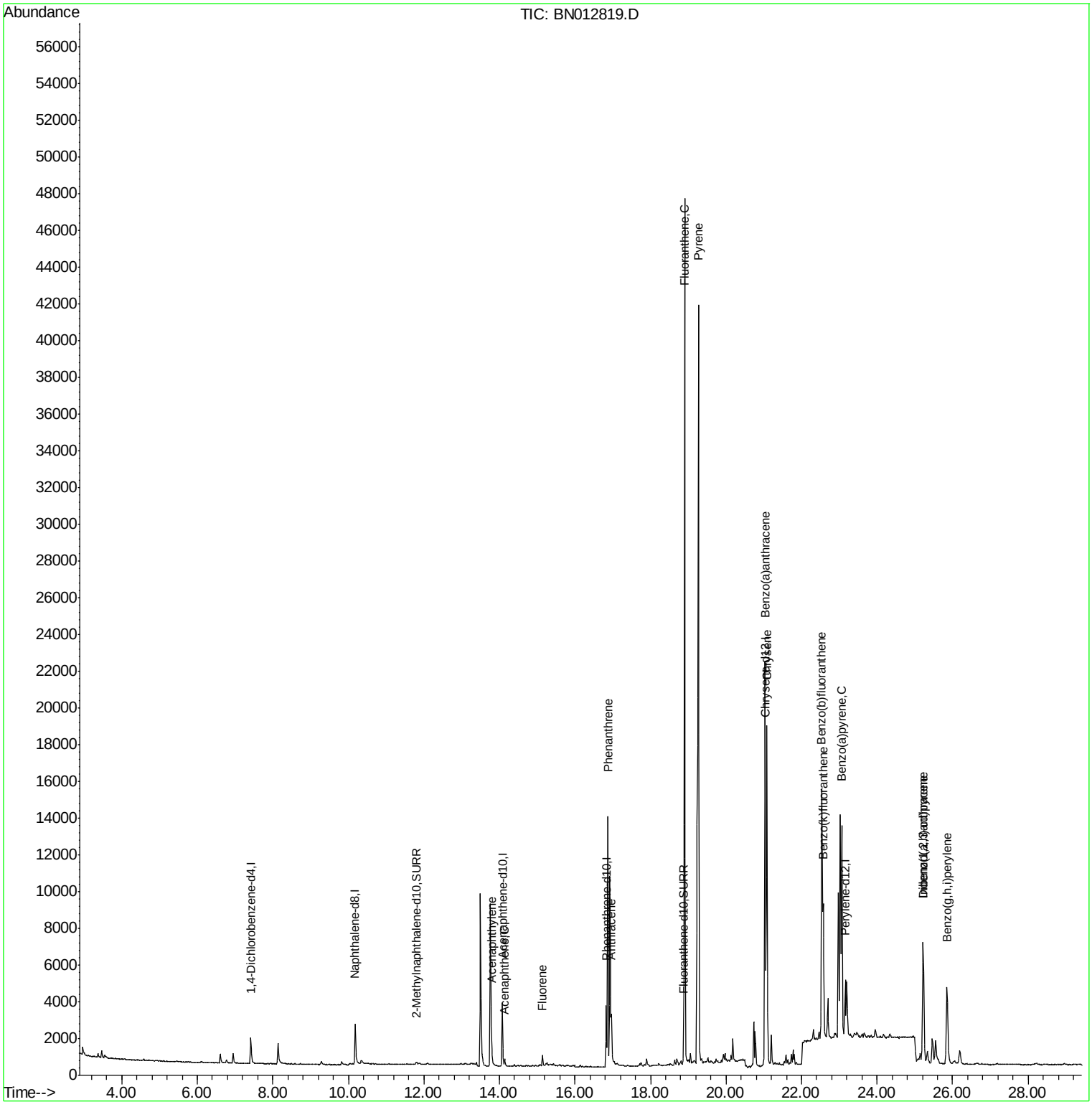

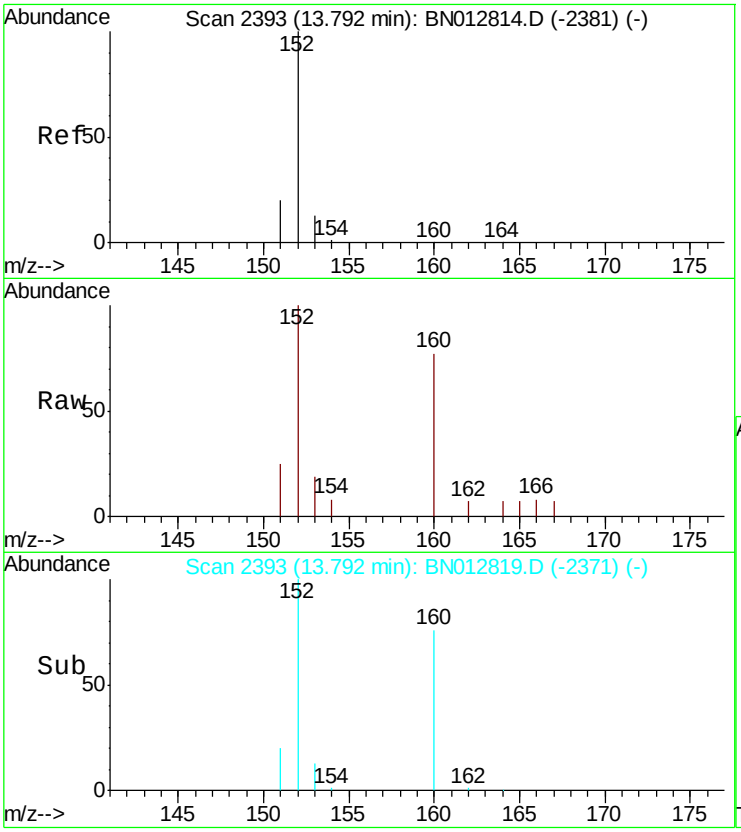

#7
Acenaphthylene
Concen: 0.125 ng/ul
RT: 13.79 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:152 Resp: 1191

Ion	Ratio	Lower	Upper
152	100		
151	25.2	17.1	25.7
153	19.0	12.6	19.0#

Instrument :
BNA_N
ClientSampleId :
C0B49DL

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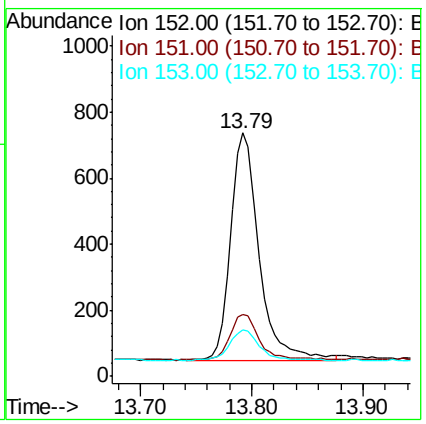
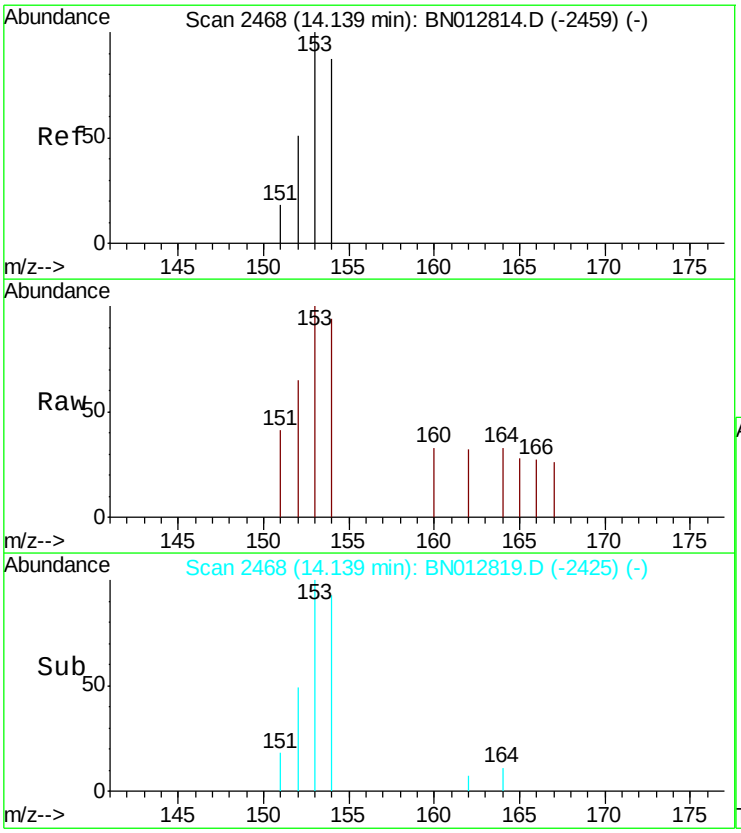
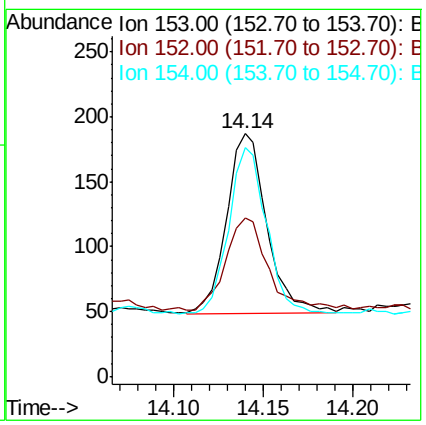


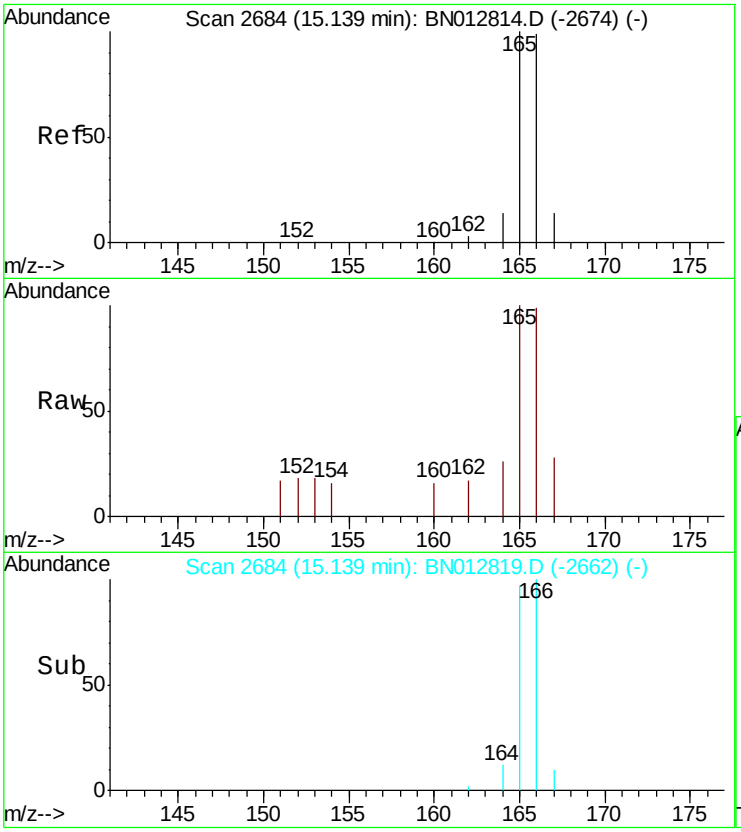


#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.14 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:153 Resp: 217

Ion	Ratio	Lower	Upper
153	100		
152	65.2	41.4	62.0#
154	94.1	70.9	106.3

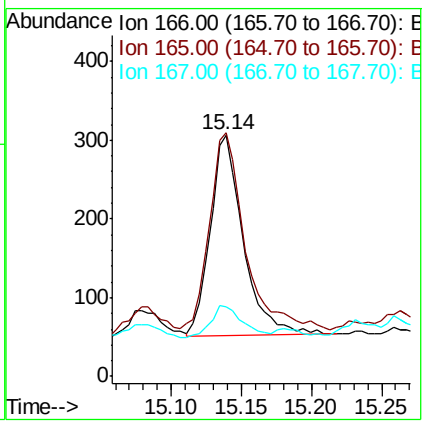




#9
Fluorene
Concen: 0.047 ng/ul
RT: 15.14 min Scan# 2684
Delta R.T. 0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:166 Resp: 415

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.5	117.7
167	28.7	12.7	19.1#



Instrument :
BNA_N
ClientSampleId :
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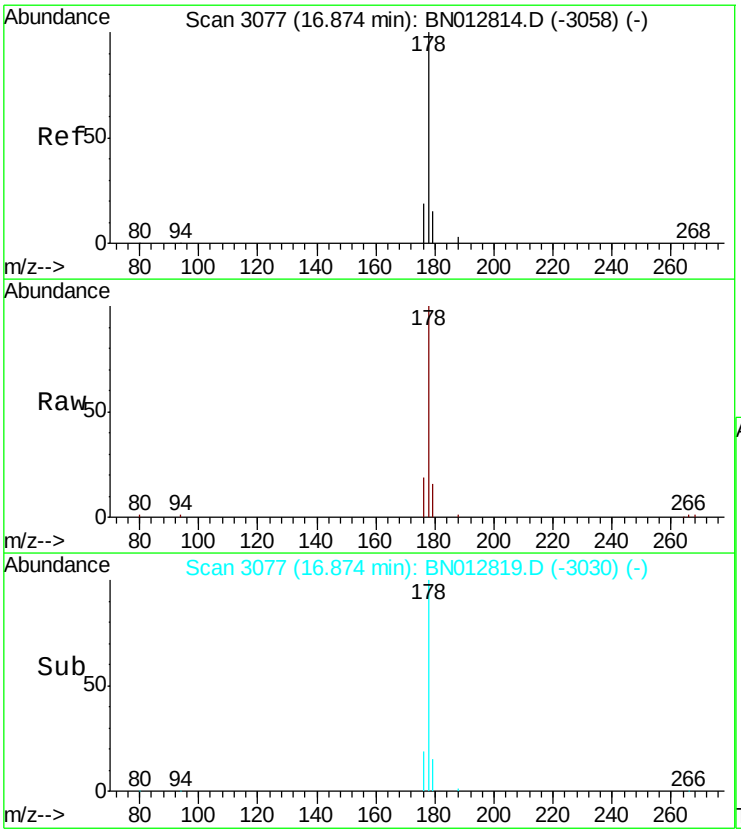
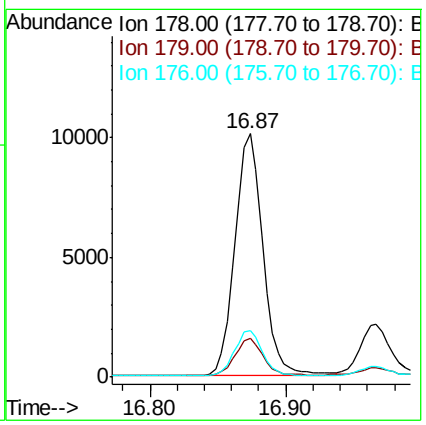
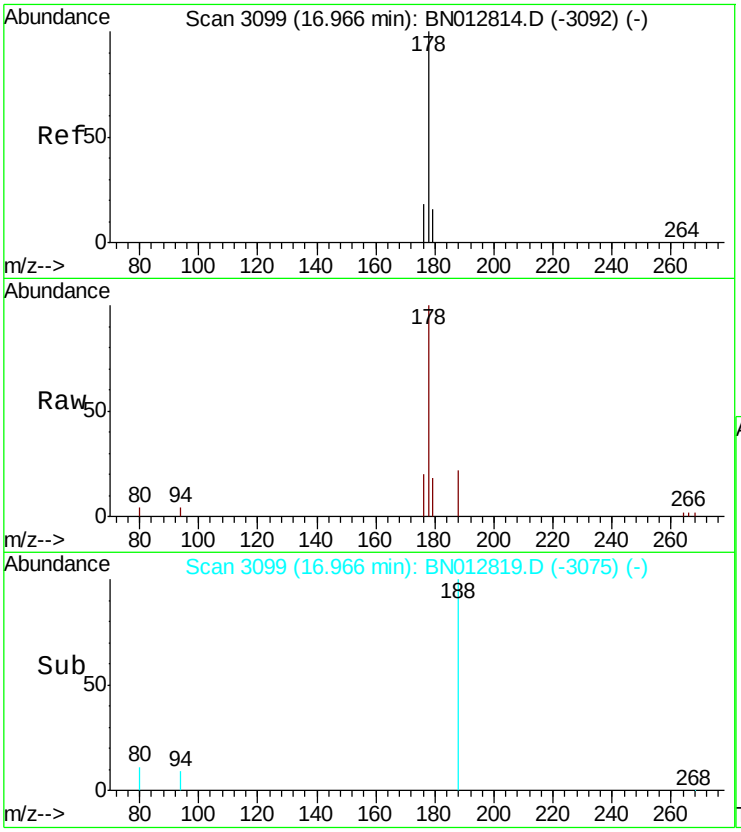


#12
Phenanthrene
Concen: 1.041 ng/ul
RT: 16.87 min Scan# 3077
Delta R.T. 0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:178 Resp: 14607

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.8	20.6
176	19.3	16.7	25.1

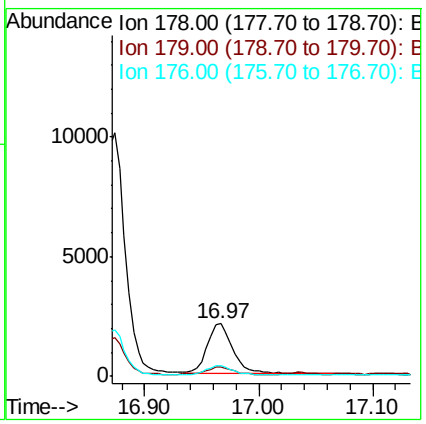




#13
Anthracene
Concen: 0.279 ng/ul
RT: 16.97 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:178 Resp: 3403

Ion	Ratio	Lower	Upper
178	100		
179	17.6	14.8	22.2
176	20.4	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0B49DL

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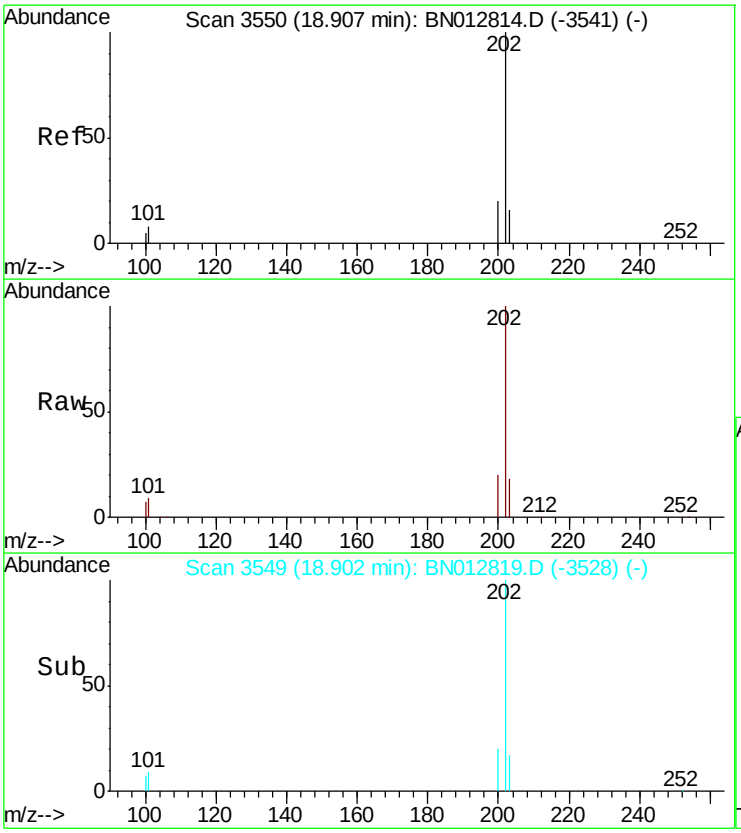
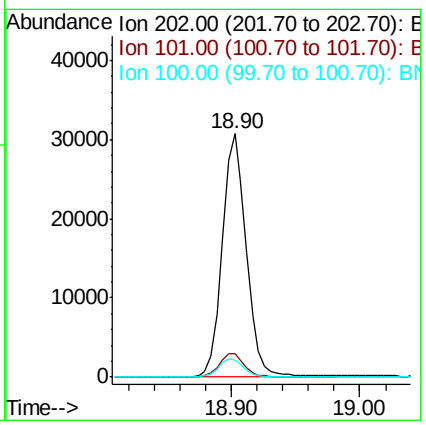
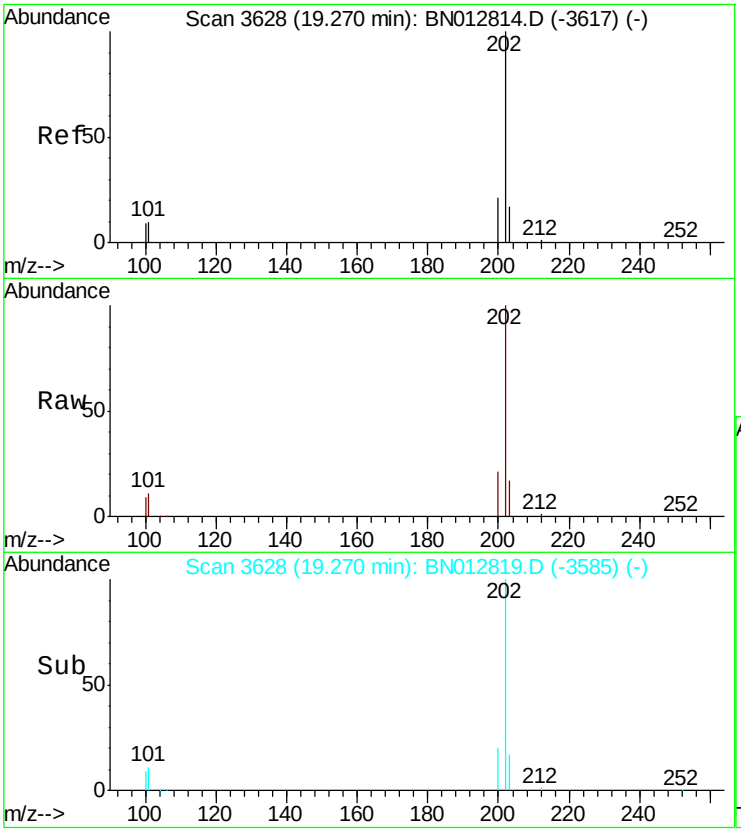


#15
Fluoranthene
Concen: 2.449 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:202 Resp: 39666

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.5
100	7.2	0.0	28.4





#17
Pyrene
Concen: 2.328 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:202 Resp: 36223

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	9.1	7.4	11.2

Instrument :
BNA_N
ClientSampleId :
C0B49DL

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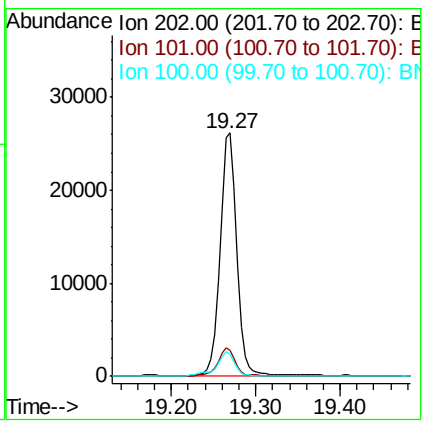
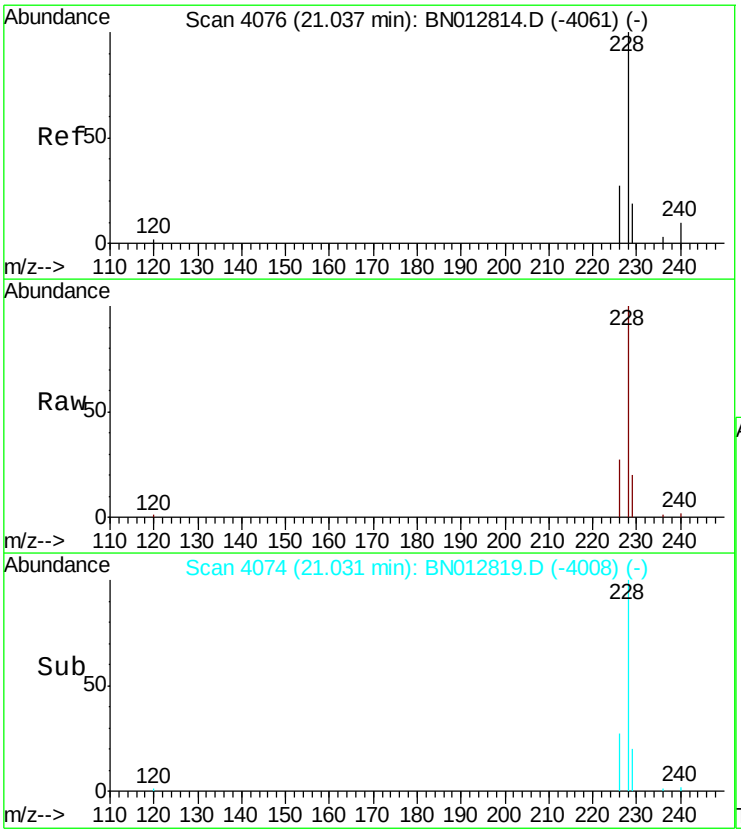
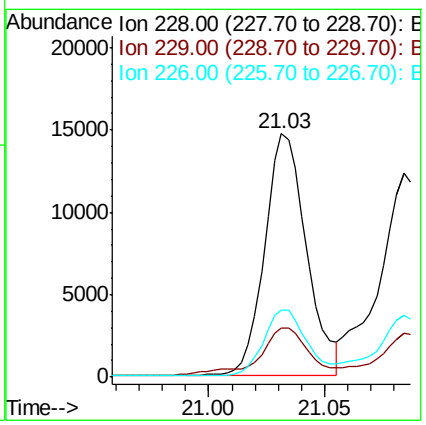


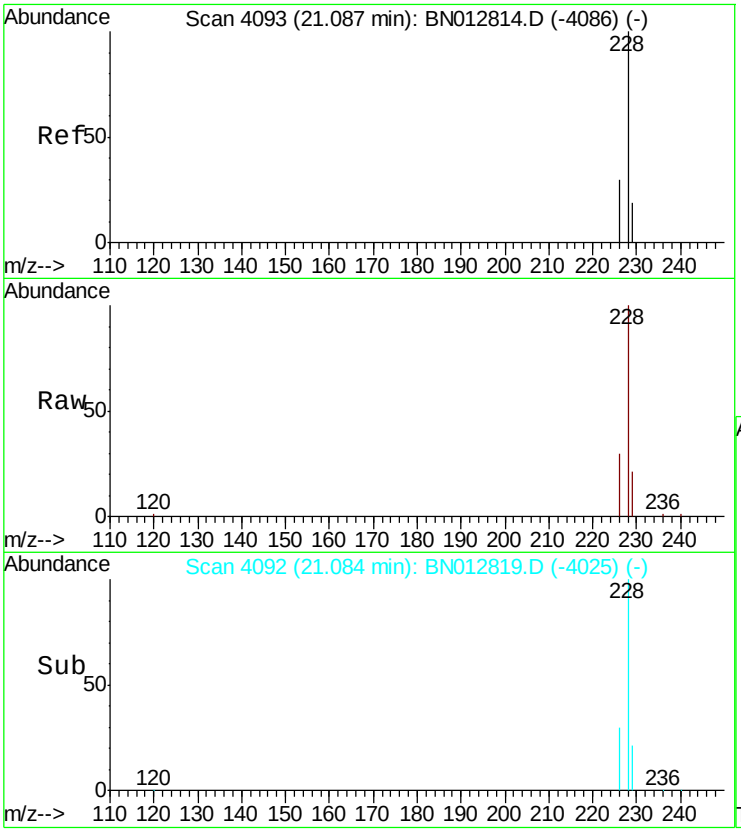


#18
Benzo(a)anthracene
Concen: 1.469 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:228 Resp: 18309

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.9	25.3
226	27.4	23.1	34.7

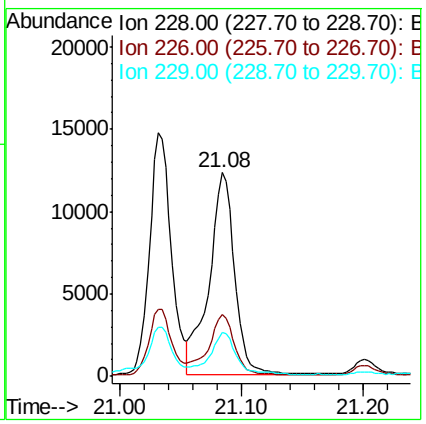




#19
Chrysene
Concen: 1.149 ng/ul
RT: 21.08 min Scan# 4092
Delta R.T. -0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:228 Resp: 17887

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	21.4	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
C0B49DL

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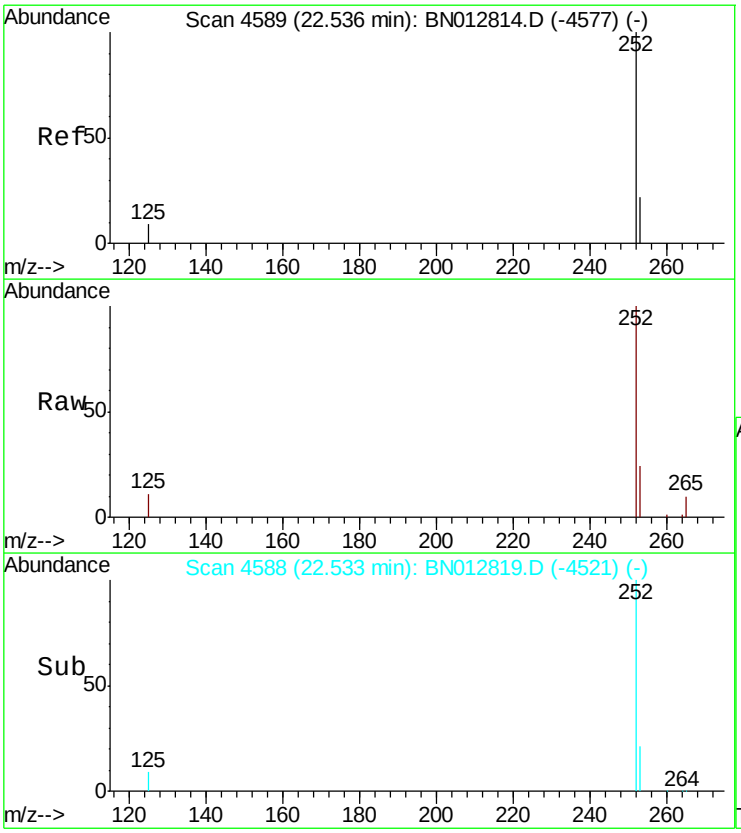
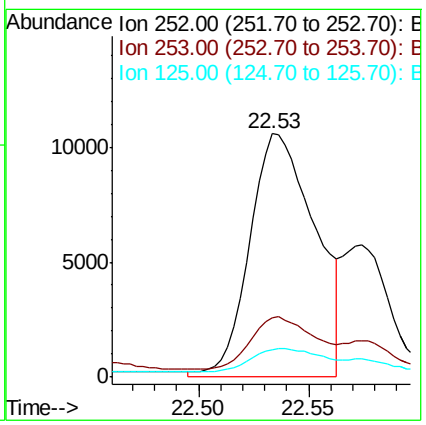
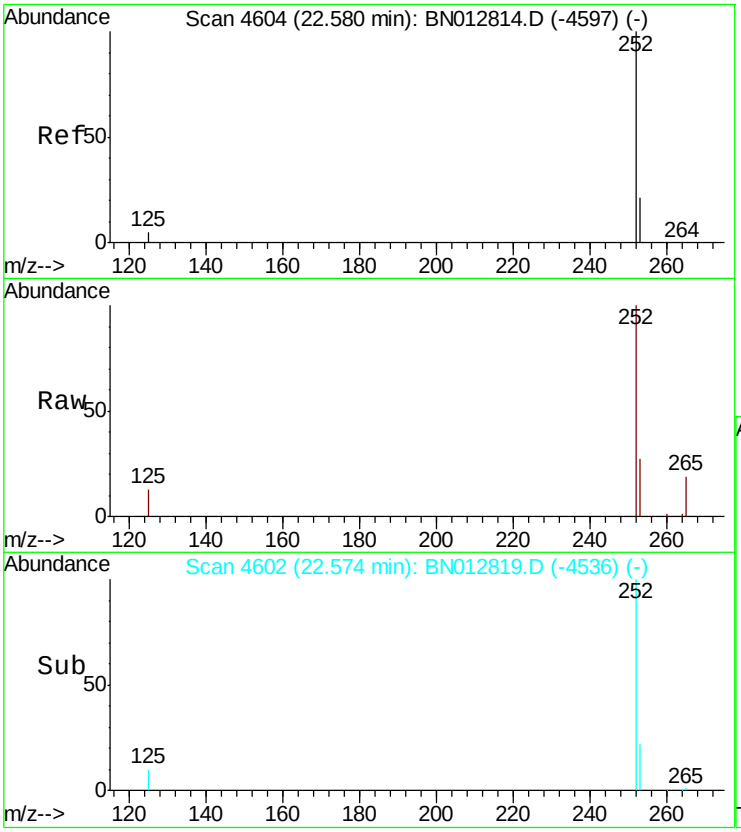


#21
Benzo(b)fluoranthene
Concen: 1.331 ng/ul m
RT: 22.53 min Scan# 4588
Delta R.T. -0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:252 Resp: 22061

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	58.4
125	11.4	0.0	28.6

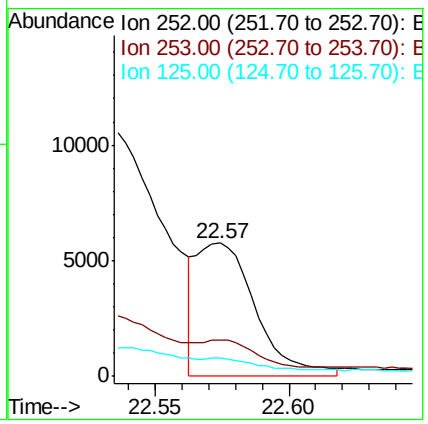




#22
Benzo(k)fluoranthene
Concen: 0.464 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:252 Resp: 8860

Ion	Ratio	Lower	Upper
252	100		
253	27.1	23.4	35.2
125	13.4	10.2	15.2



Instrument :
BNA_N
ClientSampleId :
C0B49DL

Manual Integrations APPROVED
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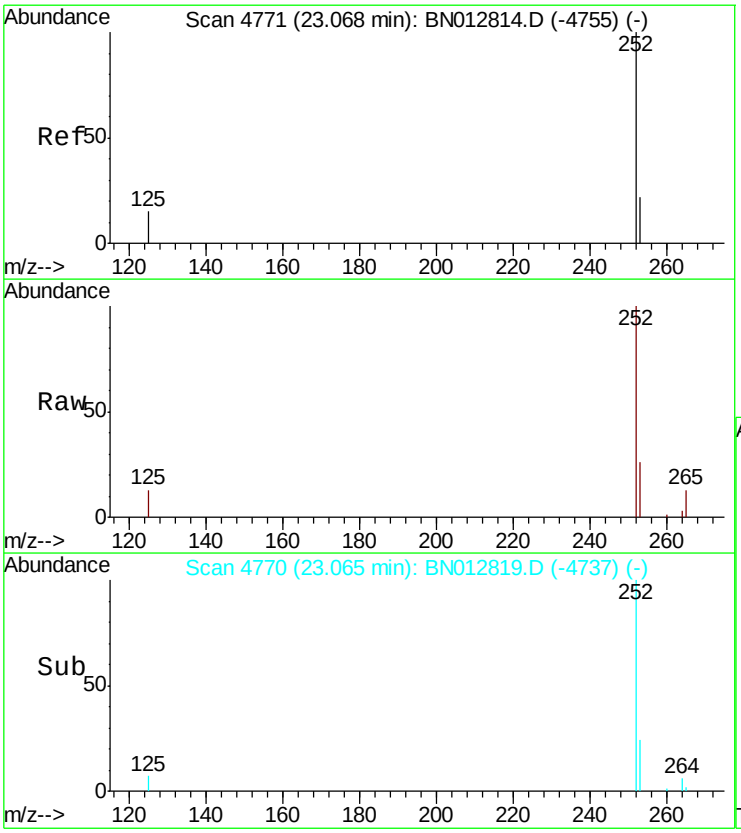
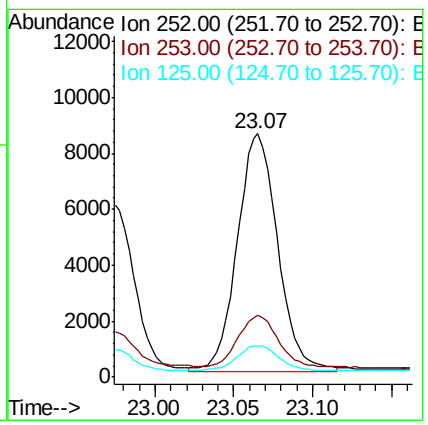
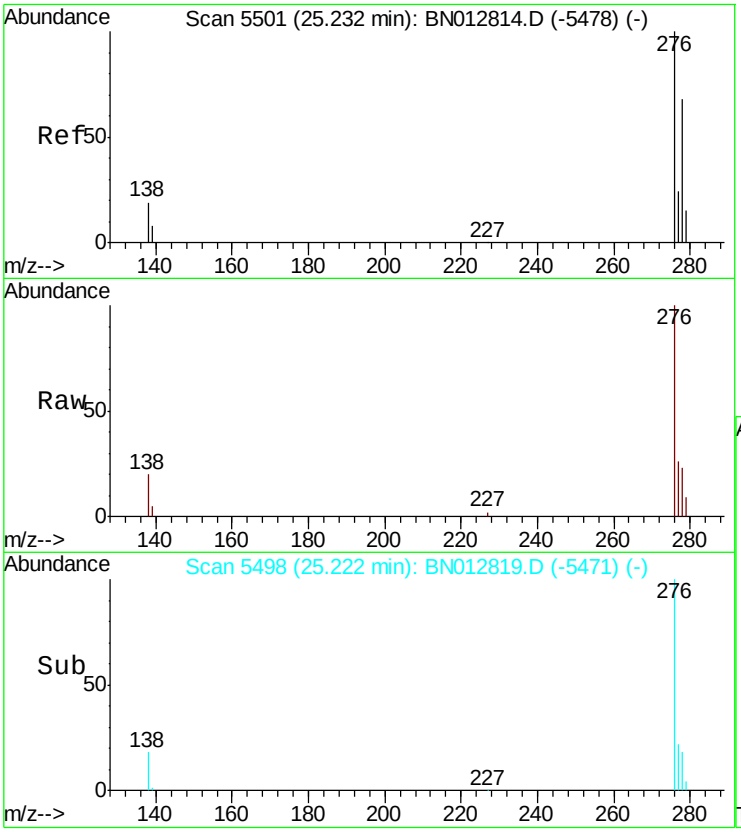


#23
Benzo(a)pyrene
Concen: 0.978 ng/ul m
RT: 23.07 min Scan# 4770
Delta R.T. -0.00 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:252 Resp: 15249

Ion	Ratio	Lower	Upper
252	100		
253	25.6	27.6	41.4#
125	13.0	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.478 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.01 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:276 Resp: 9745

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.5	24.7
227	0.1	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0B49DL

Manual Integrations APPROVED
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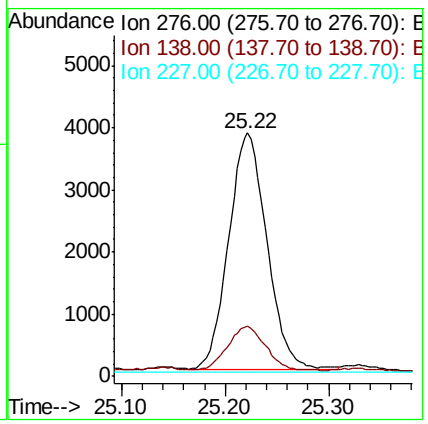
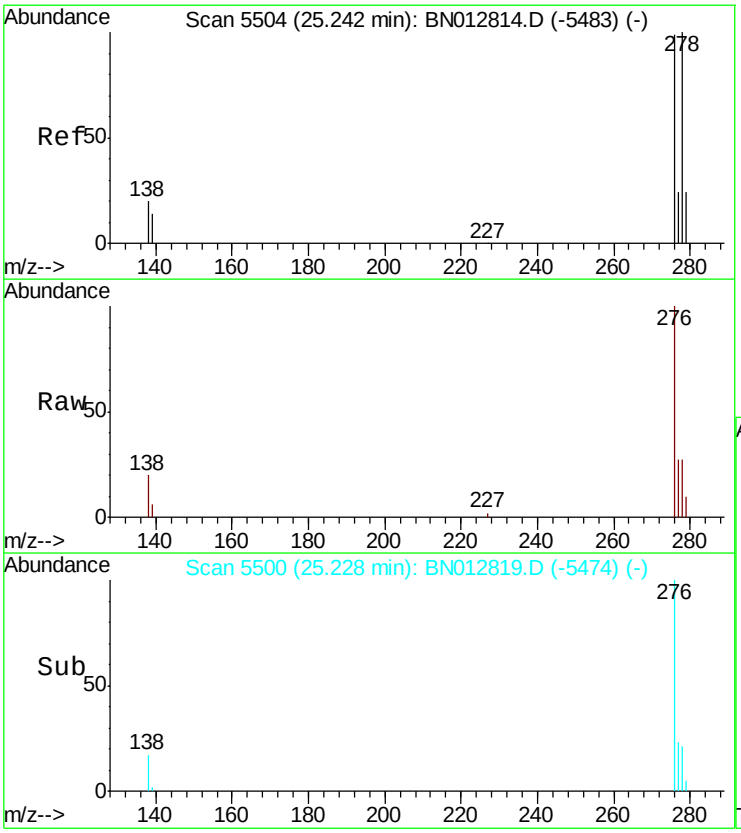
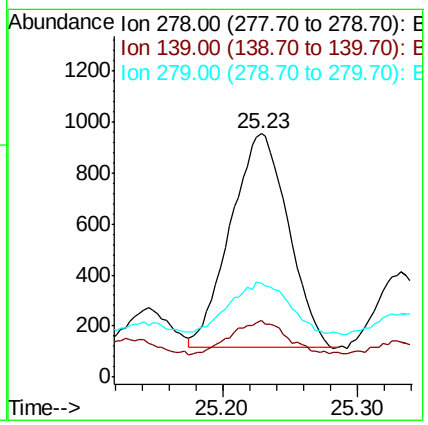


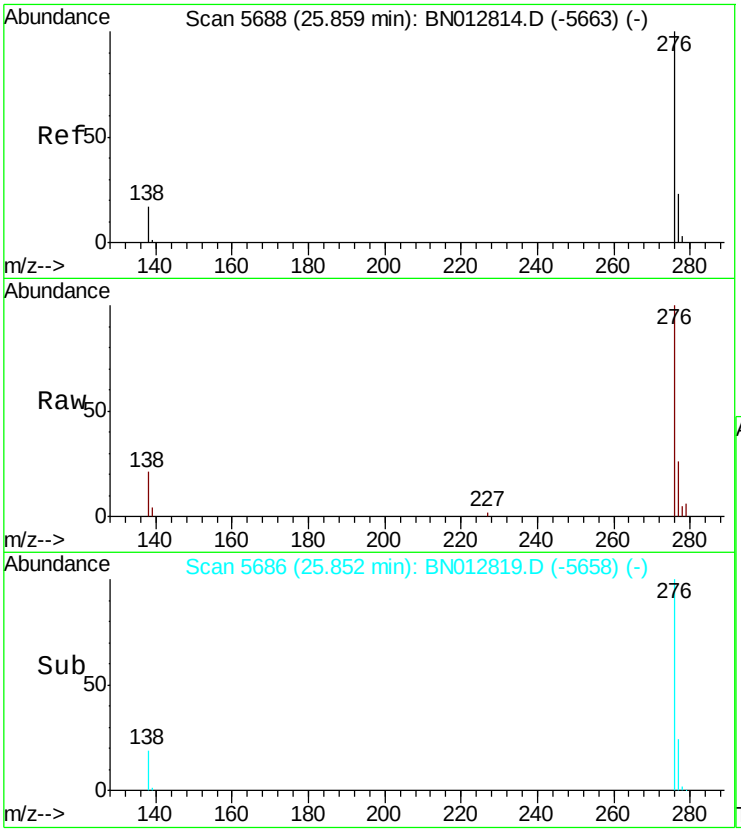


#25
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:278 Resp: 2491

Ion	Ratio	Lower	Upper
278	100		
139	23.2	13.8	20.8#
279	38.7	25.6	38.4#

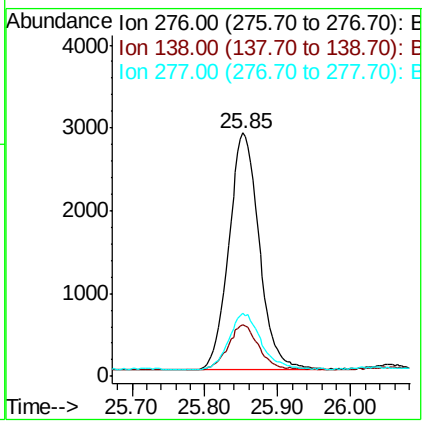




#26
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 25.85 min Scan# 5686
Delta R.T. -0.01 min
Lab File: BN012819.D
Acq: 02 Dec 2020 14:44

Tgt Ion:276 Resp: 8319

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.3	24.5
277	26.2	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
C0B49DL

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12/3/2020 3:43:38 PM