Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012817.D
Acq On : 02 Dec 2020 13:32
Operator : CG/JU
Sample : L4793-12DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B31DL

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Quant Time: Dec 02 14:02:34 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	1134	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	4773	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	2844	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	5804	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	5062	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	5200	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	262	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	568	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.23	128	307	0.021	ng/ul#	59
8) Acenaphthene	14.14	153	488	0.042	ng/ul	97
9) Fluorene	15.14	166	620	0.048	ng/ul#	93
12) Phenanthrene	16.87	178	22433	1.111	ng/ul	96
13) Anthracene	16.96	178	3061	0.174	ng/ul	99
15) Fluoranthene	18.90	202	103438	4.436	ng/ul	98
17) Pyrene	19.27	202	98760	4.362	ng/ul	100
18) Benzo(a)anthracene	21.03	228	61593	3.396	ng/ul	97
19) Chrysene	21.08	228	78091	3.446	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	124781m	5.216	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	41928m	1.520	ng/ul	
23) Benzo(a)pyrene	23.07	252	63716	2.830	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.22	276	58039	1.971	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.23	278	13249	0.560	ng/ul	95
26) Benzo(g,h,i)perylene	25.86	276	48477	1.830	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012817.D
Acq On : 02 Dec 2020 13:32
Operator : CG/JU
Sample : L4793-12DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 02 14:02:34 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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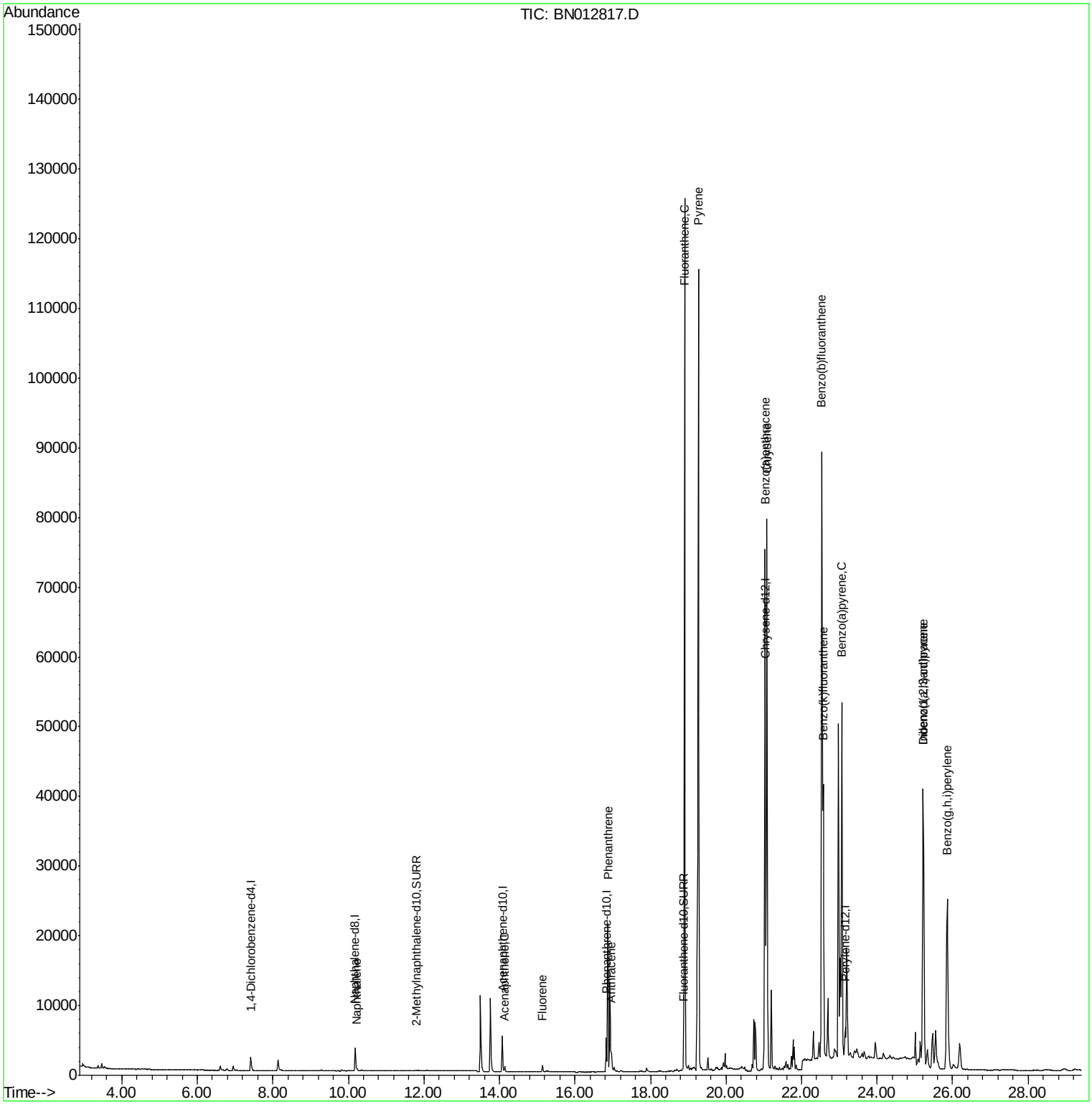

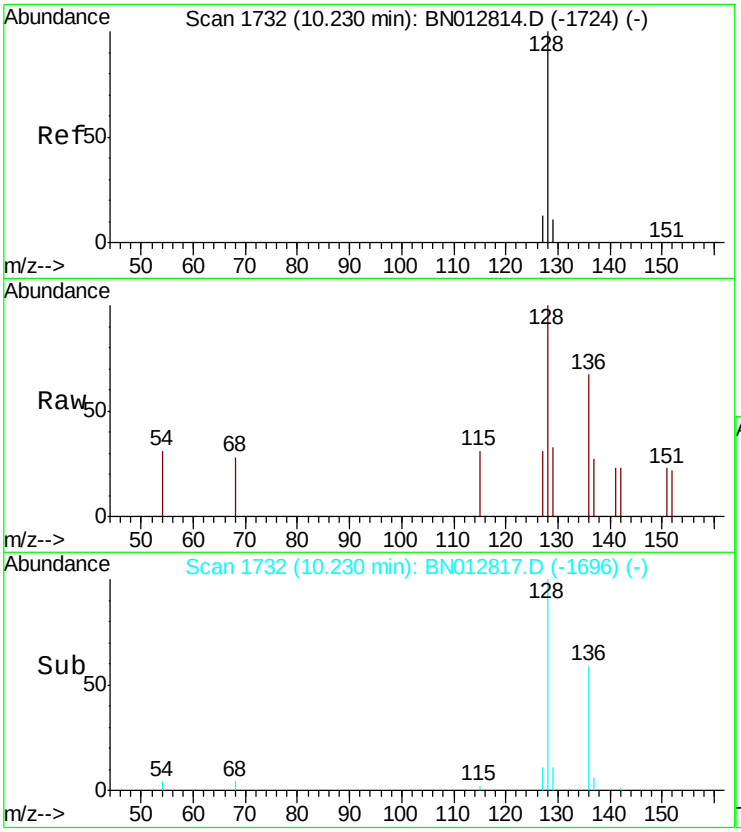

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.23 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:128 Resp: 307

Ion	Ratio	Lower	Upper
128	100		
129	33.3	11.2	16.8#
127	30.6	12.5	18.7#

Instrument :
BNA_N
ClientSampleId :
C0B31DL

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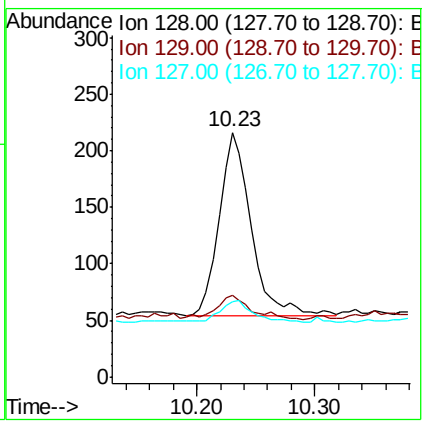
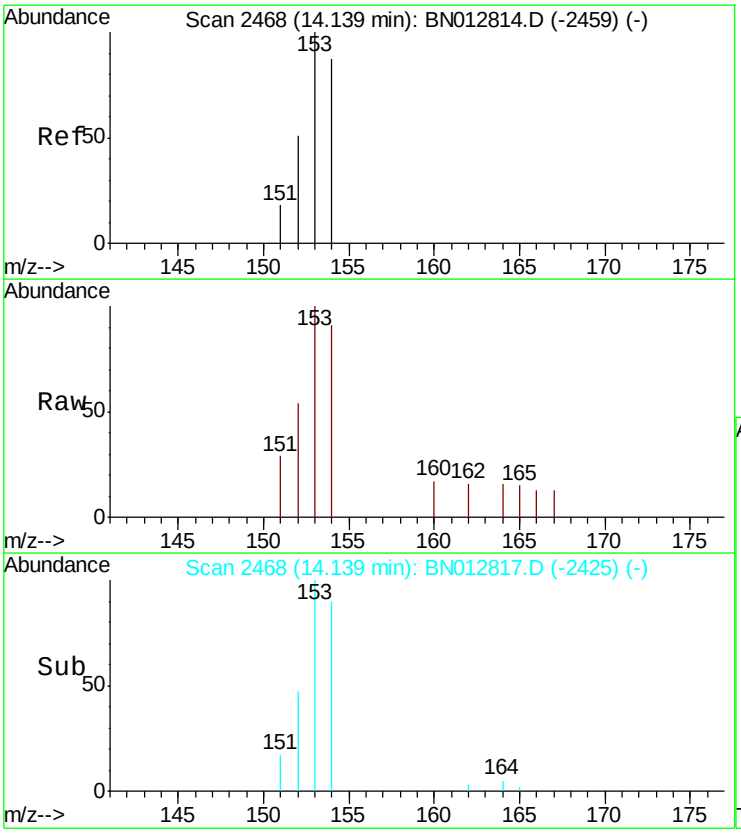
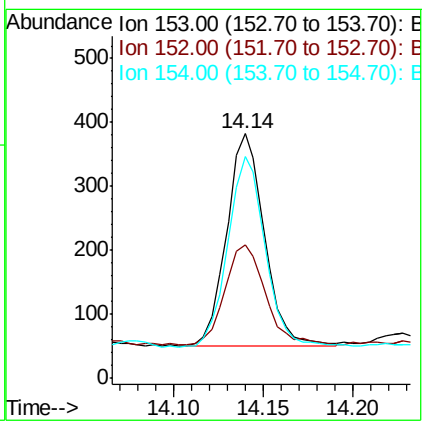


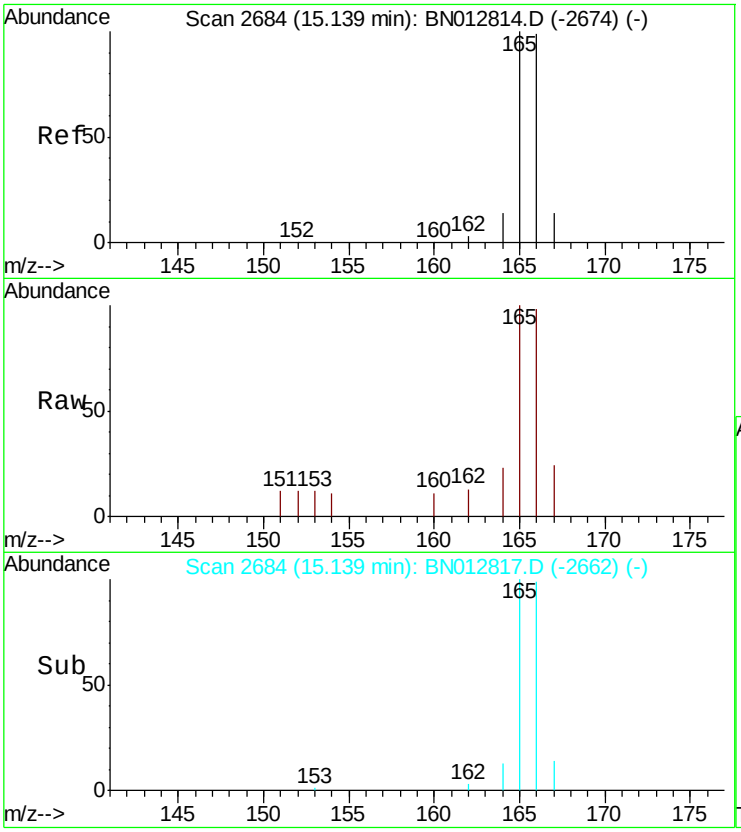


#8
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.14 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:153 Resp: 488

Ion	Ratio	Lower	Upper
153	100		
152	54.2	41.4	62.0
154	90.6	70.9	106.3





#9
Fluorene
Concen: 0.048 ng/ul
RT: 15.14 min Scan# 2684
Delta R.T. 0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:166 Resp: 620

Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.5	117.7
167	24.9	12.7	19.1#

Instrument :
BNA_N
ClientSampleId :
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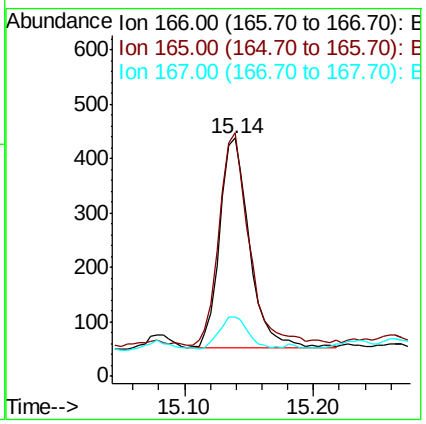
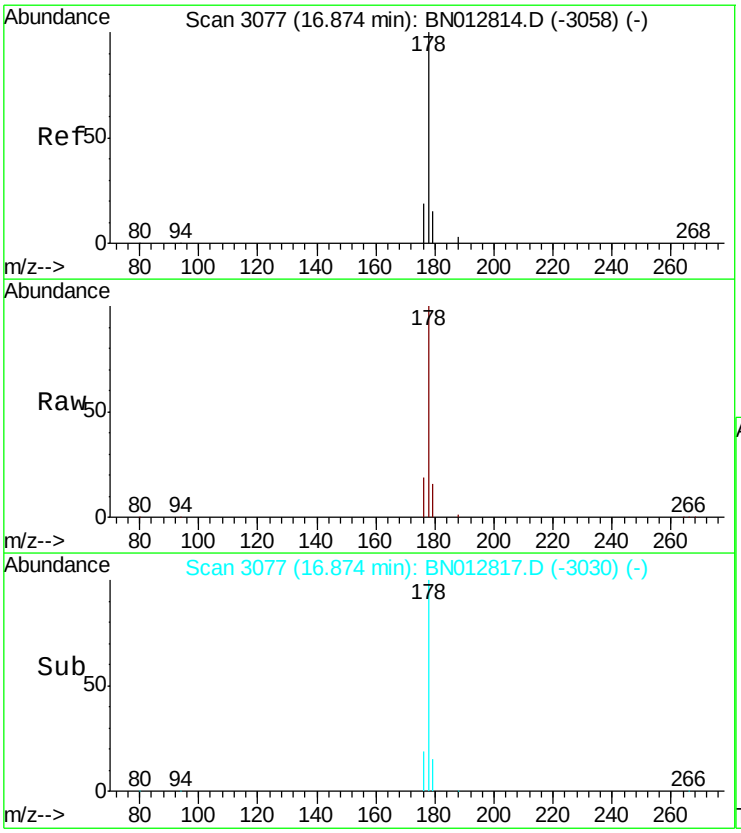
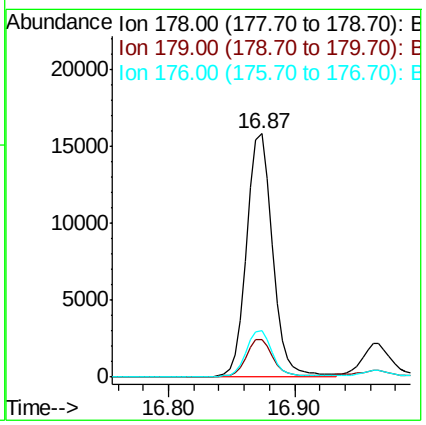


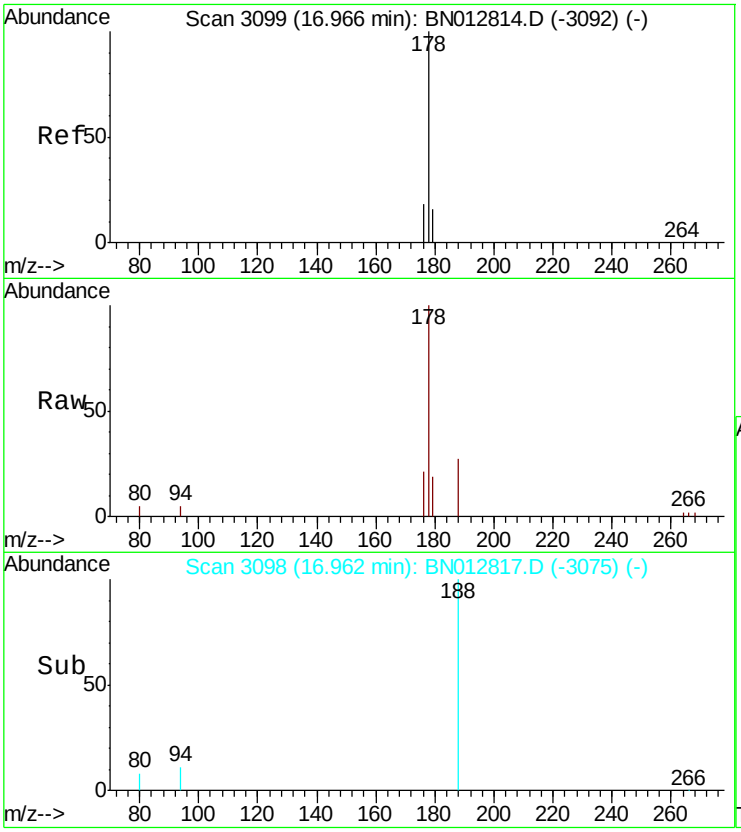


#12
Phenanthrene
Concen: 1.111 ng/ul
RT: 16.87 min Scan# 3077
Delta R.T. 0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:178 Resp: 22433

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.6
176	19.2	16.7	25.1

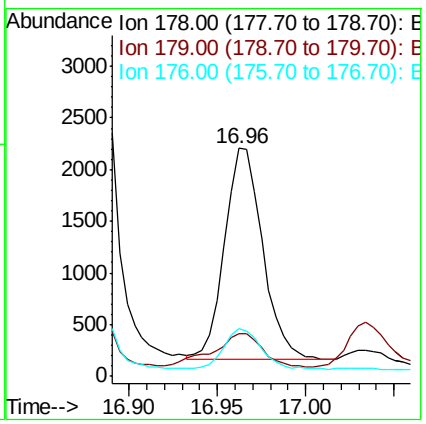




#13
Anthracene
Concen: 0.174 ng/ul
RT: 16.96 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:178 Resp: 3061

Ion	Ratio	Lower	Upper
178	100		
179	18.8	14.8	22.2
176	20.9	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0B31DL

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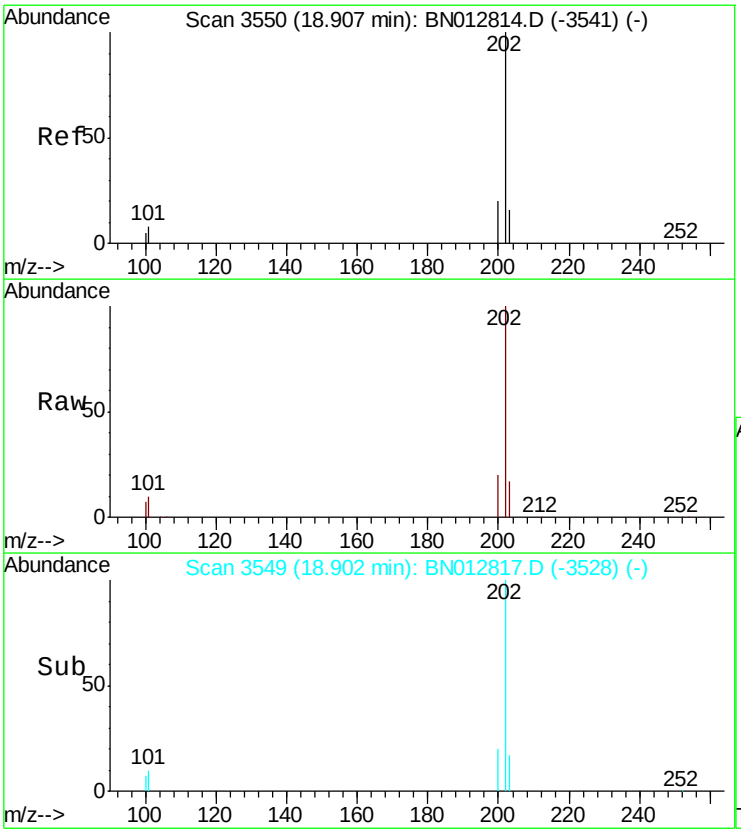
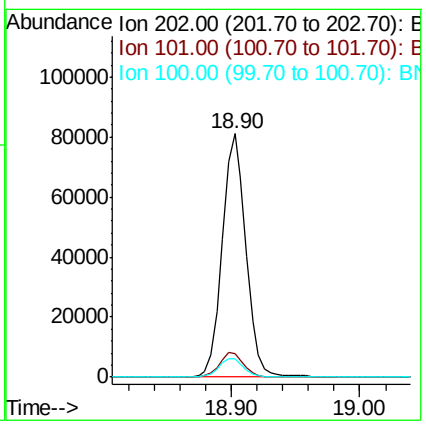
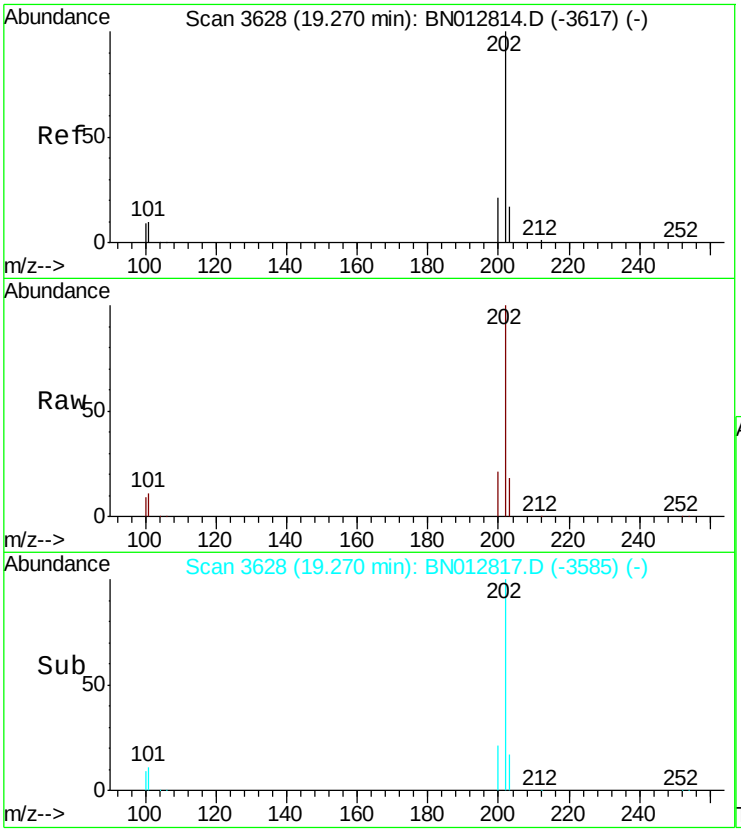


#15
Fluoranthene
Concen: 4.436 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:202 Resp: 103438

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.5
100	7.4	0.0	28.4





#17
Pyrene
Concen: 4.362 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:202 Resp: 98760

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

Instrument :
BNA_N
ClientSampleId :
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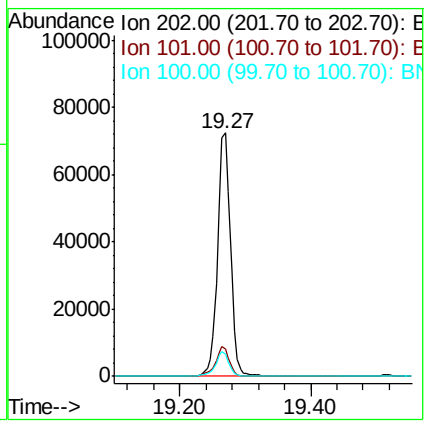
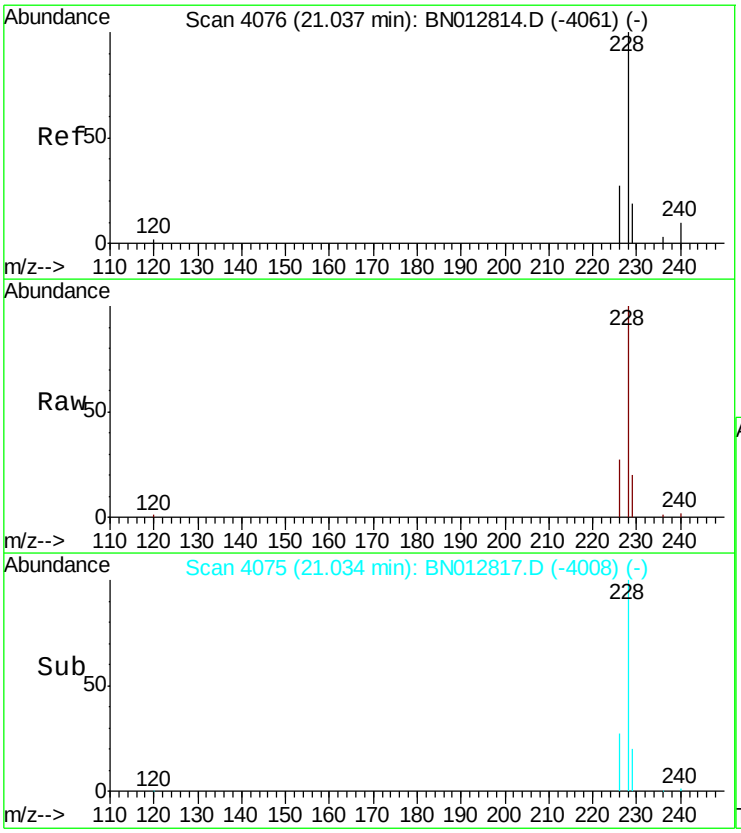
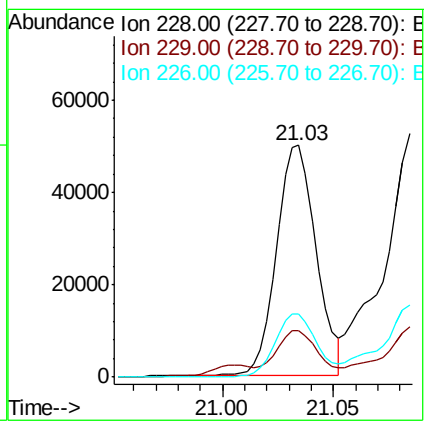


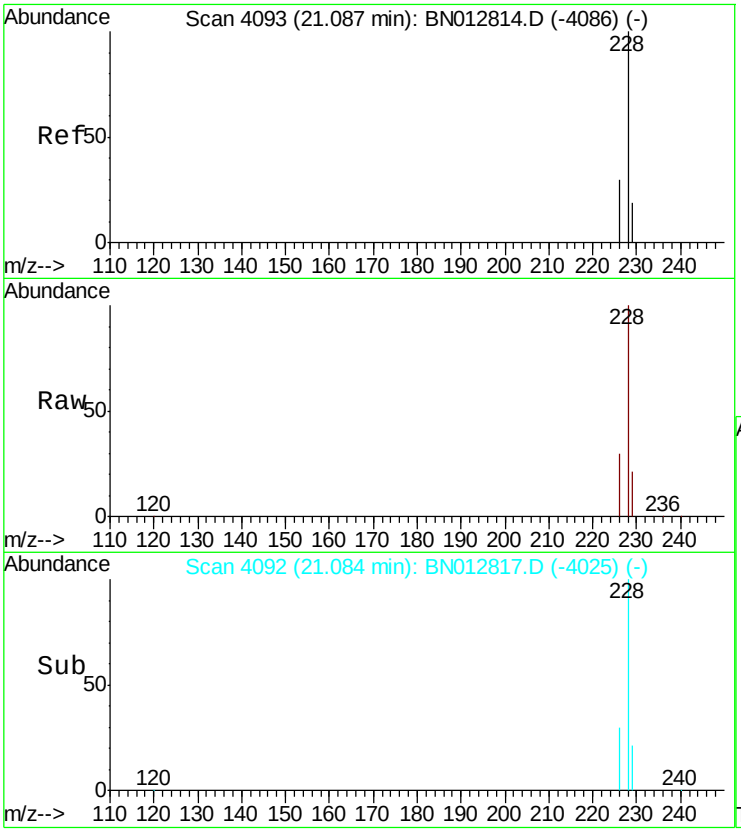


#18
Benzo(a)anthracene
Concen: 3.396 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:228 Resp: 61593

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.9	25.3
226	27.3	23.1	34.7

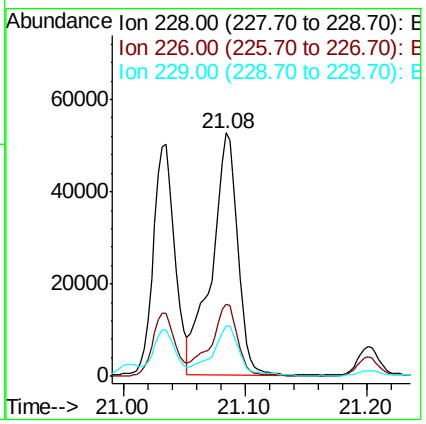




#19
Chrysene
Concen: 3.446 ng/ul
RT: 21.08 min Scan# 4092
Delta R.T. -0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:228 Resp: 78091

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	20.8	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
C0B31DL

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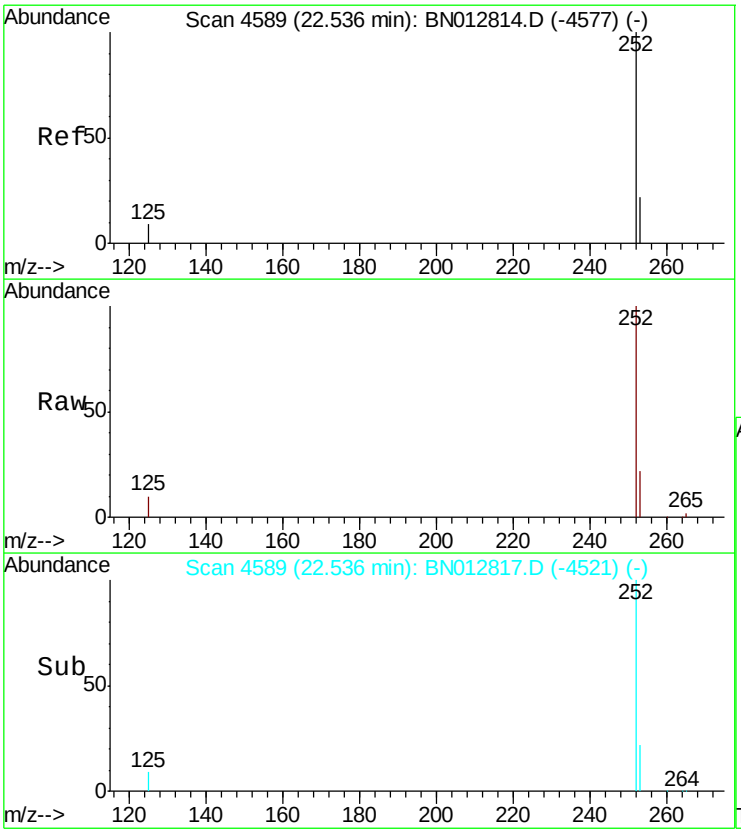
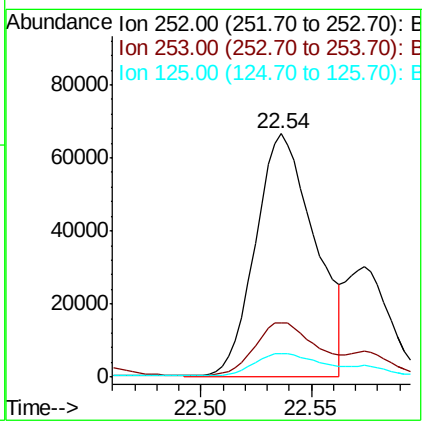
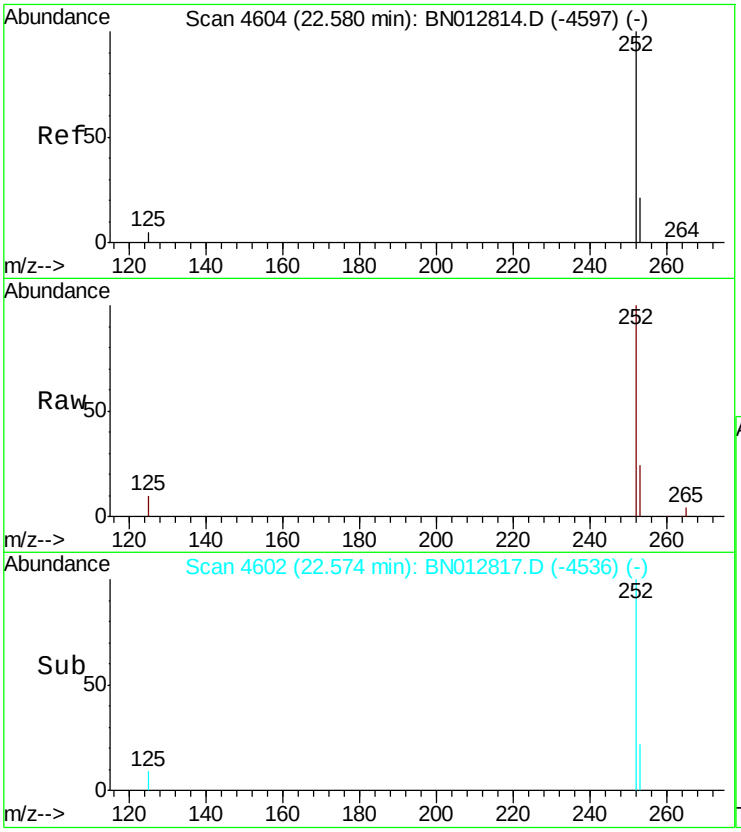


#21
Benzo(b)fluoranthene
Concen: 5.216 ng/ul m
RT: 22.54 min Scan# 4589
Delta R.T. 0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:252 Resp: 124781

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	58.4
125	9.7	0.0	28.6

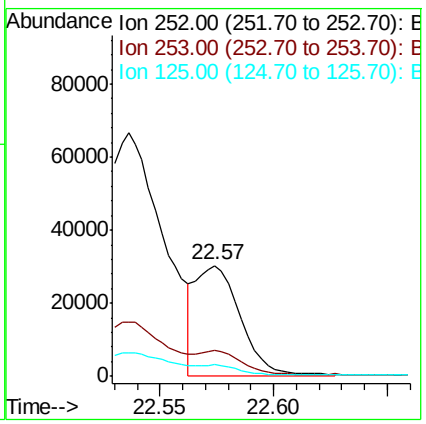




#22
Benzo(k)fluoranthene
Concen: 1.520 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:252 Resp: 41928

Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.4	35.2
125	10.2	10.2	15.2



Instrument :
BNA_N
ClientSampleId :
C0B31DL

Manual Integrations APPROVED
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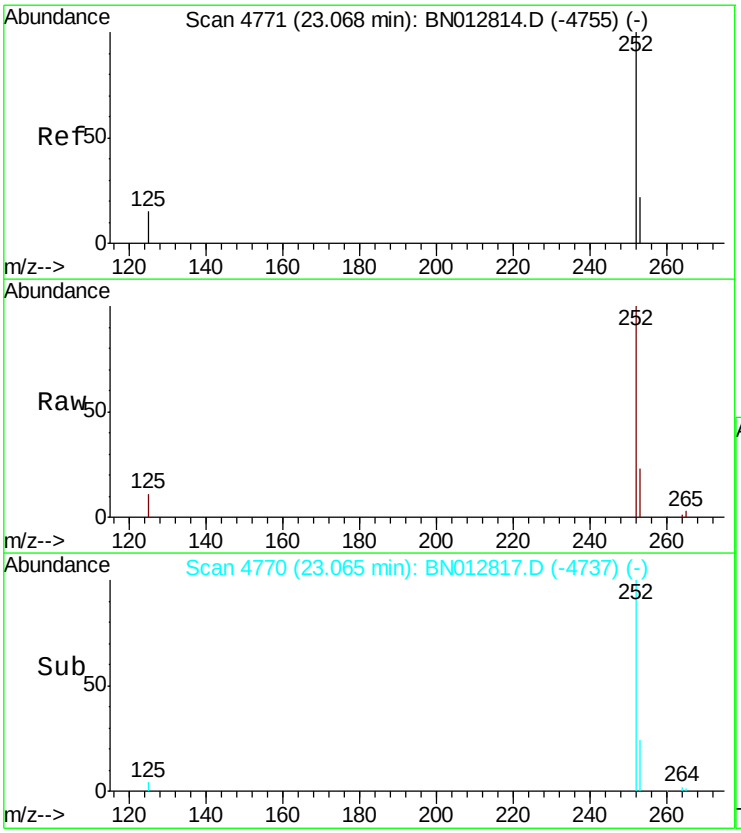
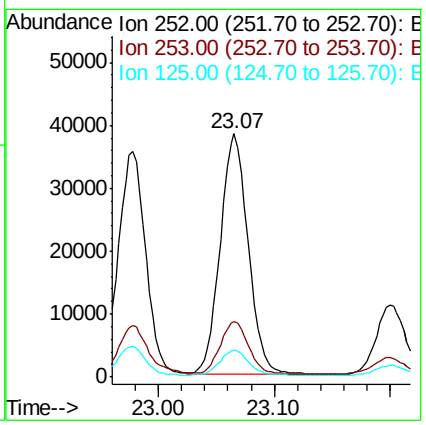
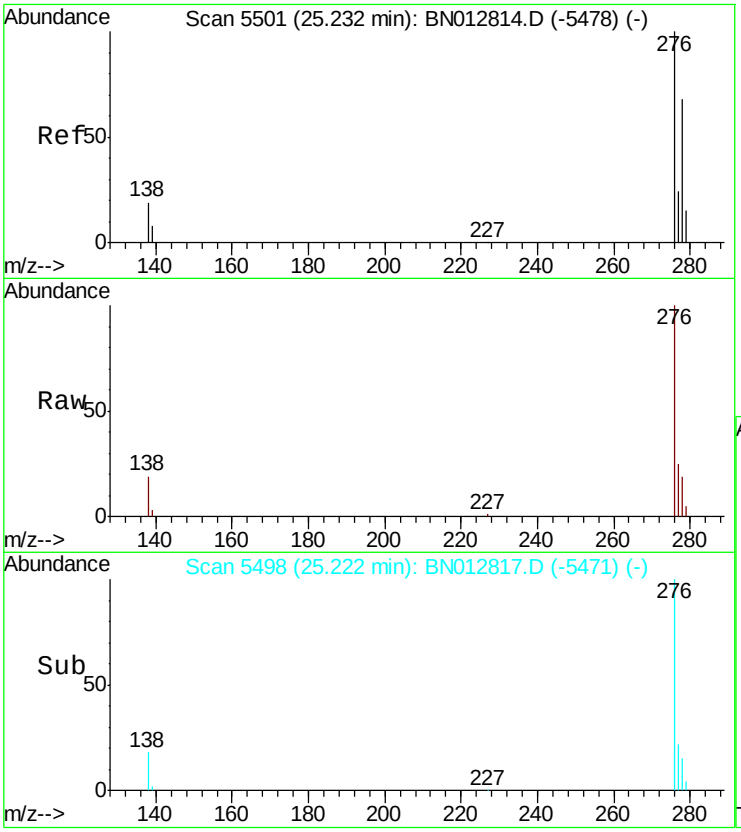


#23
Benzo(a)pyrene
Concen: 2.830 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:252 Resp: 63716

Ion	Ratio	Lower	Upper
252	100		
253	22.8	27.6	41.4#
125	11.2	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.971 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.01 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:276 Resp: 58039

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.5	24.7
227	0.2	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0B31DL

Manual Integrations APPROVED
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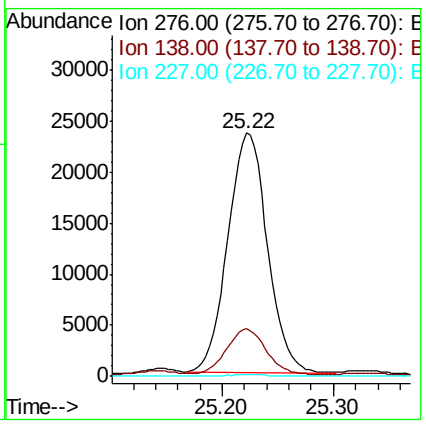
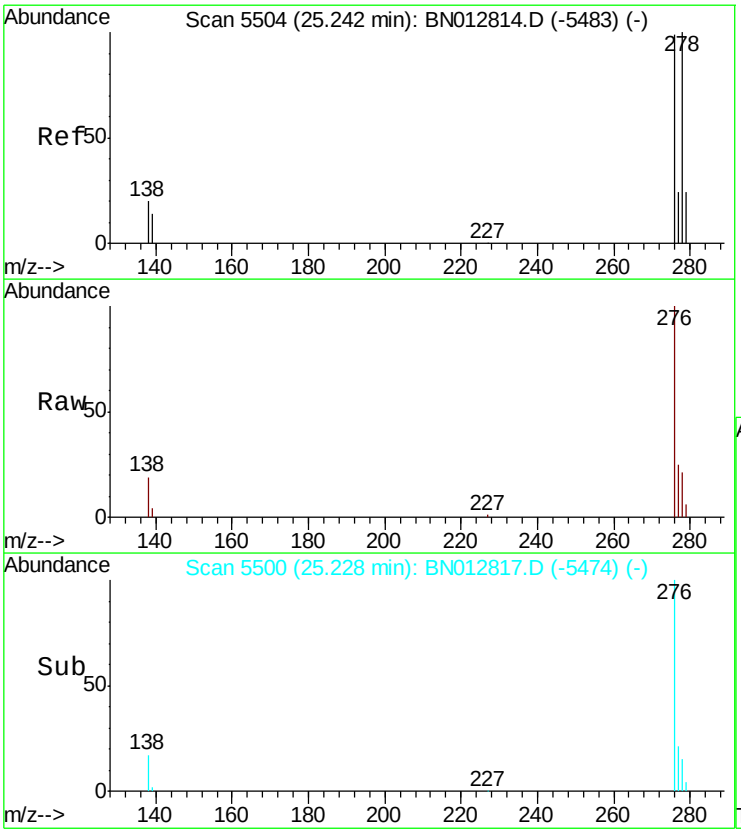
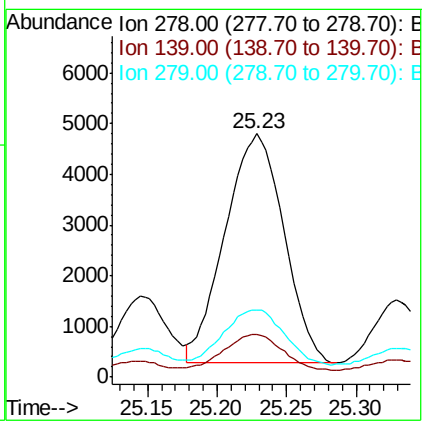


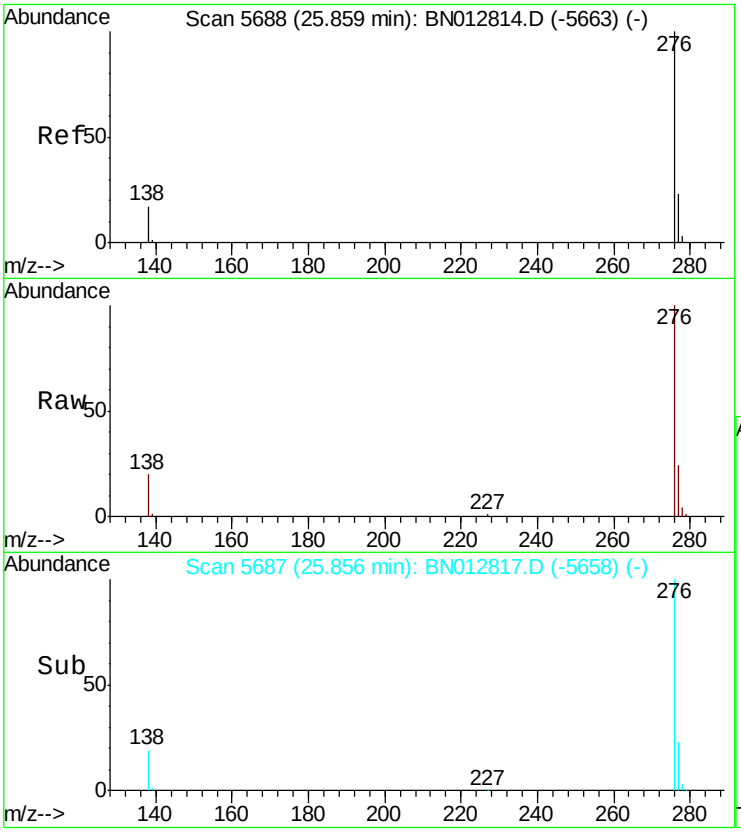


#25
Dibenzo(a,h)anthracene
Concen: 0.560 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:278 Resp: 13249

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	27.3	25.6	38.4

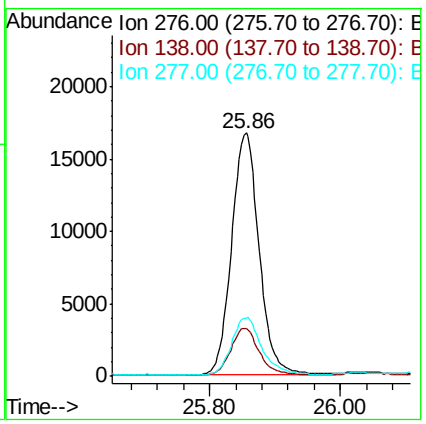




#26
Benzo(g,h,i)perylene
Concen: 1.830 ng/ul
RT: 25.86 min Scan# 5687
Delta R.T. -0.00 min
Lab File: BN012817.D
Acq: 02 Dec 2020 13:32

Tgt Ion:276 Resp: 48477

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.3	24.5
277	23.8	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
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