Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013104.D
Acq On : 12 Dec 2020 22:48
Operator : CG/JU
Sample : L5063-08DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE0DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:31 PM

Quant Time: Dec 14 02:03:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:25:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1149	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	5037	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.04	164	3473	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5505	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4980	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4909	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	494	0.07	ng/ul	-0.03
14) Fluoranthene-d10	18.84	212	1026	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	14487	0.994	ng/ul	95
5) 2-Methylnaphthalene	11.81	142	50471	5.271	ng/ul	100
7) Acenaphthylene	13.76	152	4463	0.272	ng/ul#	1
8) Acenaphthene	14.10	153	5875	0.436	ng/ul	92
9) Fluorene	15.10	166	11272	0.729	ng/ul#	82
12) Phenanthrene	16.84	178	173376	9.393	ng/ul	98
13) Anthracene	16.93	178	15683	0.998	ng/ul#	89
15) Fluoranthene	18.87	202	34525	1.574	ng/ul	92
17) Pyrene	19.24	202	191215	8.129	ng/ul	99
18) Benzo(a)anthracene	21.01	228	20163	0.979	ng/ul#	32
19) Chrysene	21.06	228	26548	1.166	ng/ul#	70
21) Benzo(b)fluoranthene	22.51	252	13786m	0.607	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	1556m	0.062	ng/ul	
23) Benzo(a)pyrene	23.04	252	12279	0.583	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	25.18	276	4592	0.166	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.18	278	2289	0.105	ng/ul#	1
26) Benzo(g,h,i)perylene	25.81	276	8491	0.339	ng/ul#	57

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013104.D
Acq On : 12 Dec 2020 22:48
Operator : CG/JU
Sample : L5063-08DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 14 02:03:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0DL

Manual Integrations APPROVED
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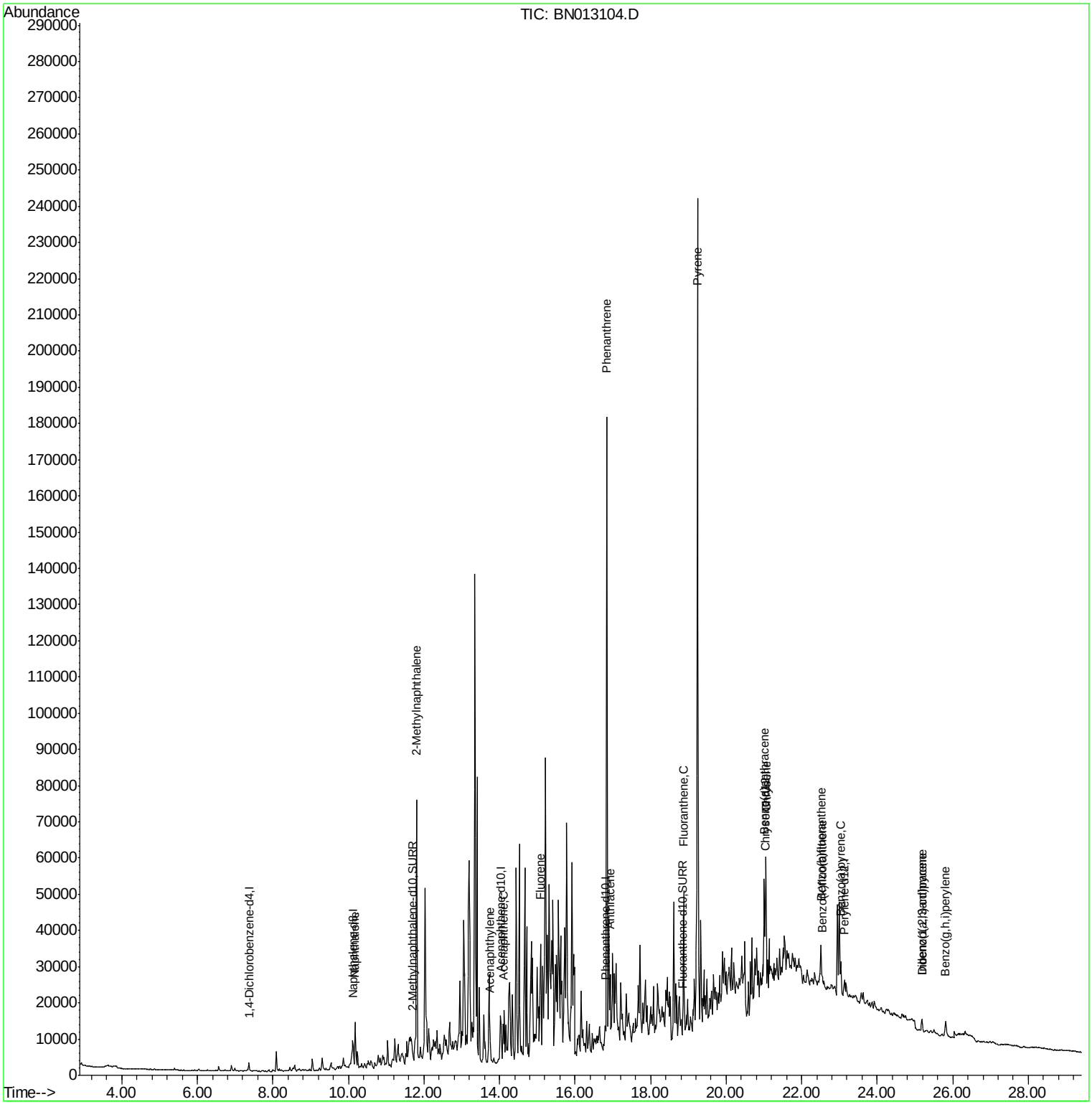
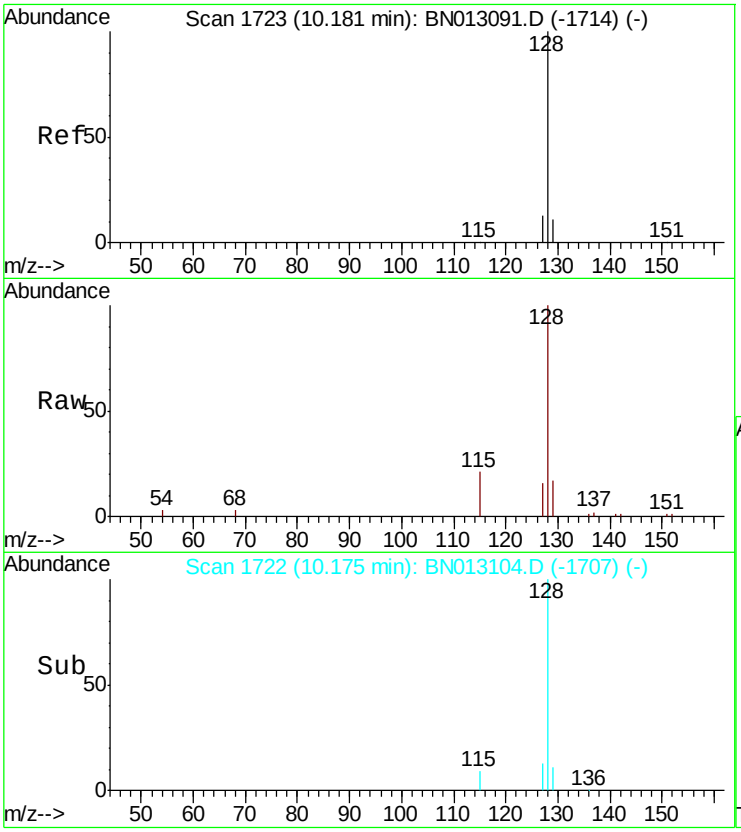
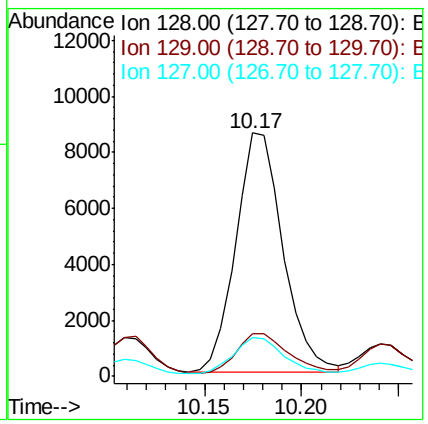




#3
Naphthalene
Concen: 0.994 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:128 Resp: 14487

Ion	Ratio	Lower	Upper
128	100		
129	17.4	12.3	18.5
127	15.8	14.2	21.4



Instrument :
BNA_N
ClientSampleId :
C0AE0DL

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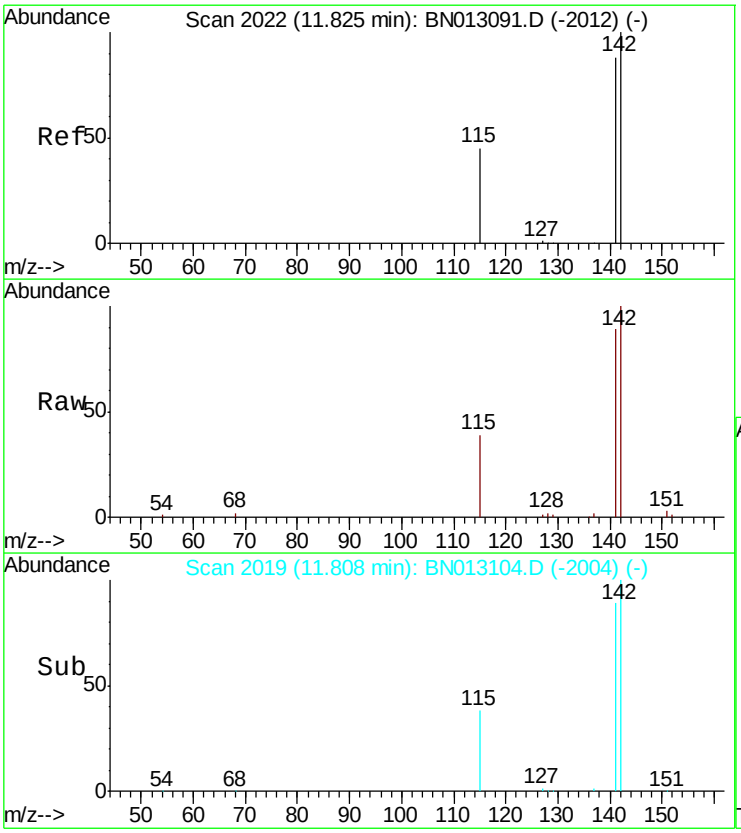
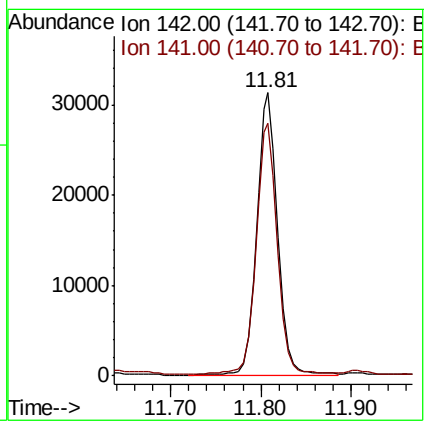
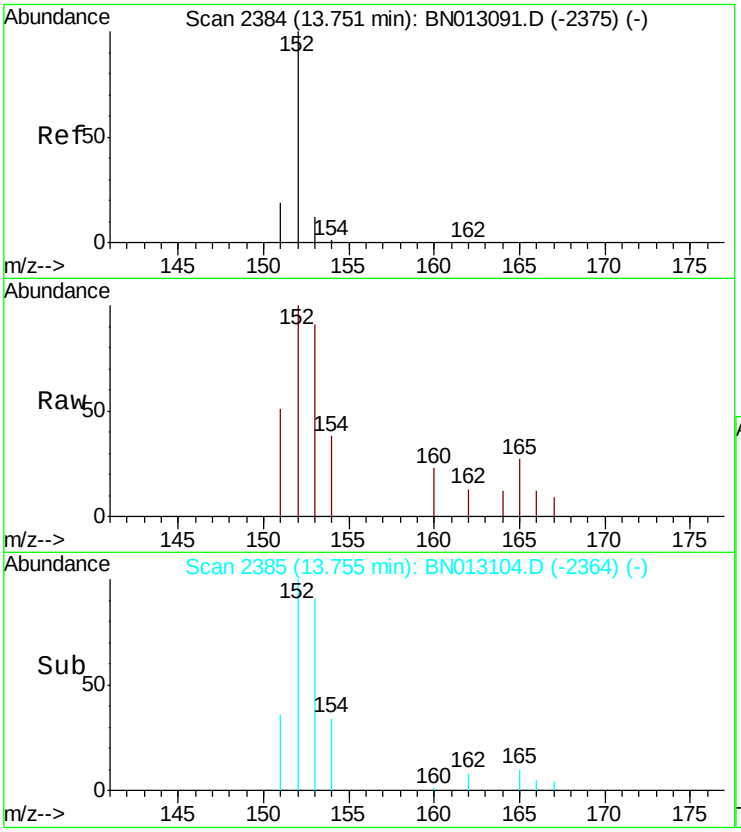


#5
2-Methylnaphthalene
Concen: 5.271 ng/ul
RT: 11.81 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:142 Resp: 50471

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6

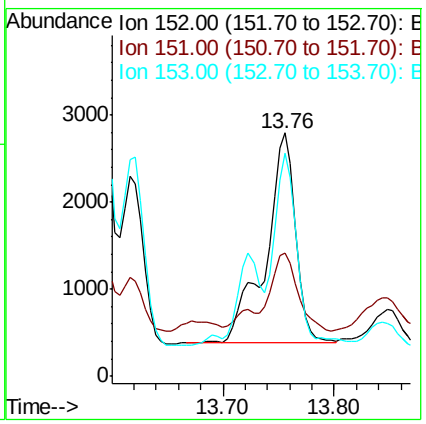




#7
Acenaphthylene
Concen: 0.272 ng/ul
RT: 13.76 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:152 Resp: 4463

Ion	Ratio	Lower	Upper
152	100		
151	50.5	18.2	27.4#
153	91.5	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0AE0DL

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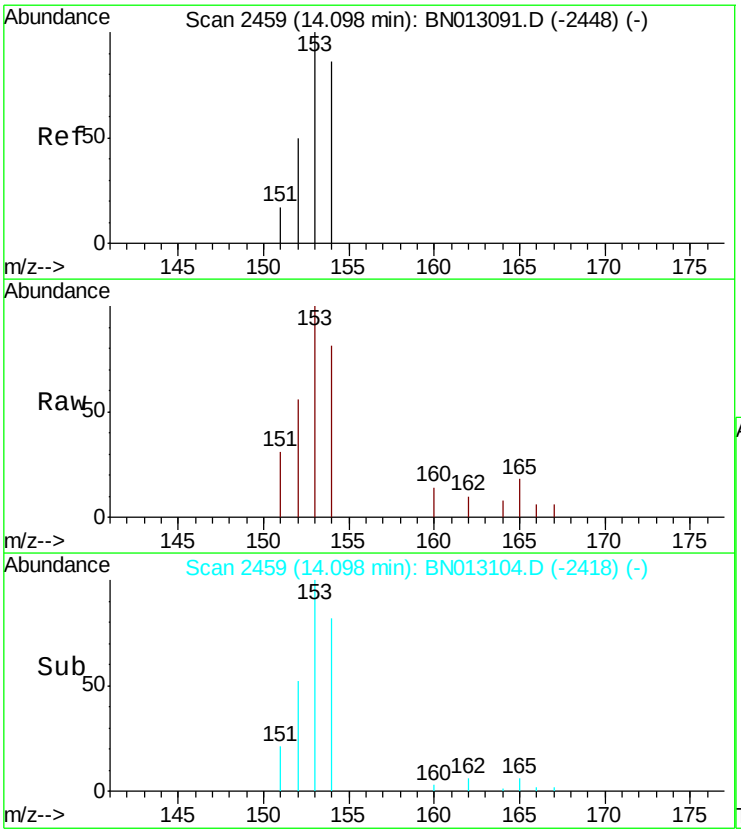
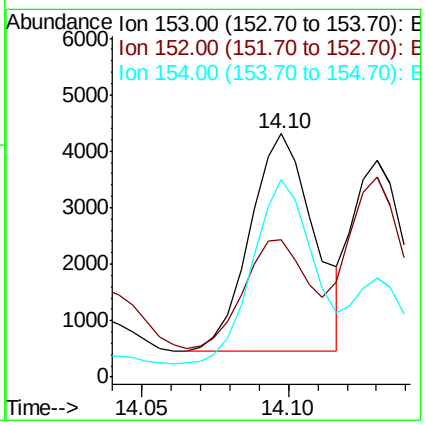
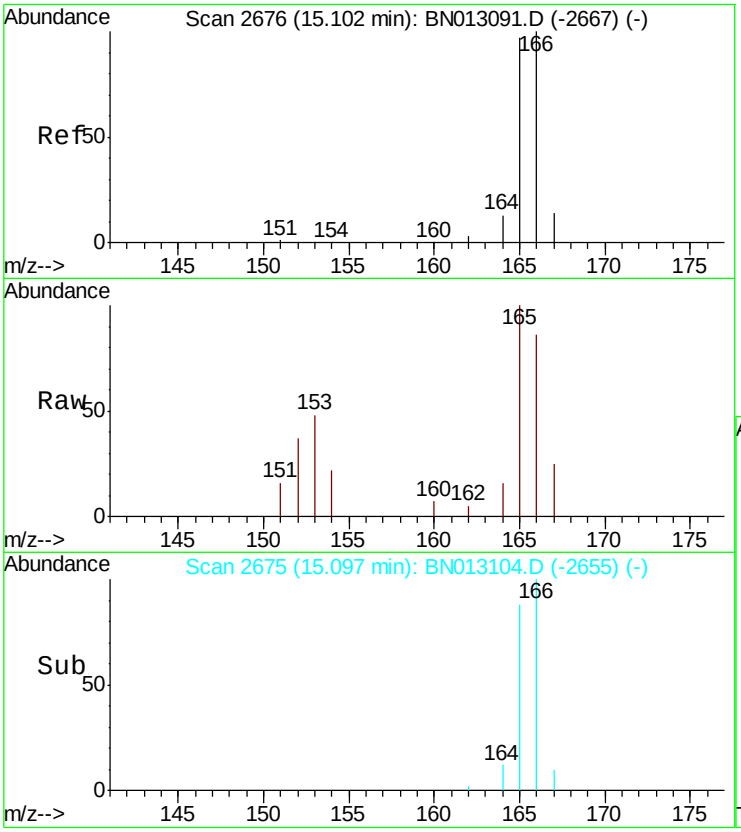


#8
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.10 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:153 Resp: 5875

Ion	Ratio	Lower	Upper
153	100		
152	56.3	40.7	61.1
154	81.0	70.8	106.2

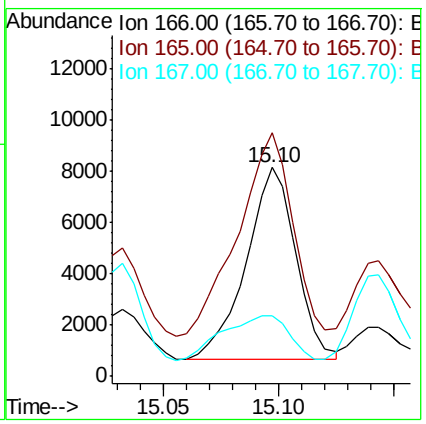




#9
Fluorene
Concen: 0.729 ng/ul
RT: 15.10 min Scan# 2675
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:166 Resp: 11272

Ion	Ratio	Lower	Upper
166	100		
165	116.8	79.8	119.8
167	28.9	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AE0DL

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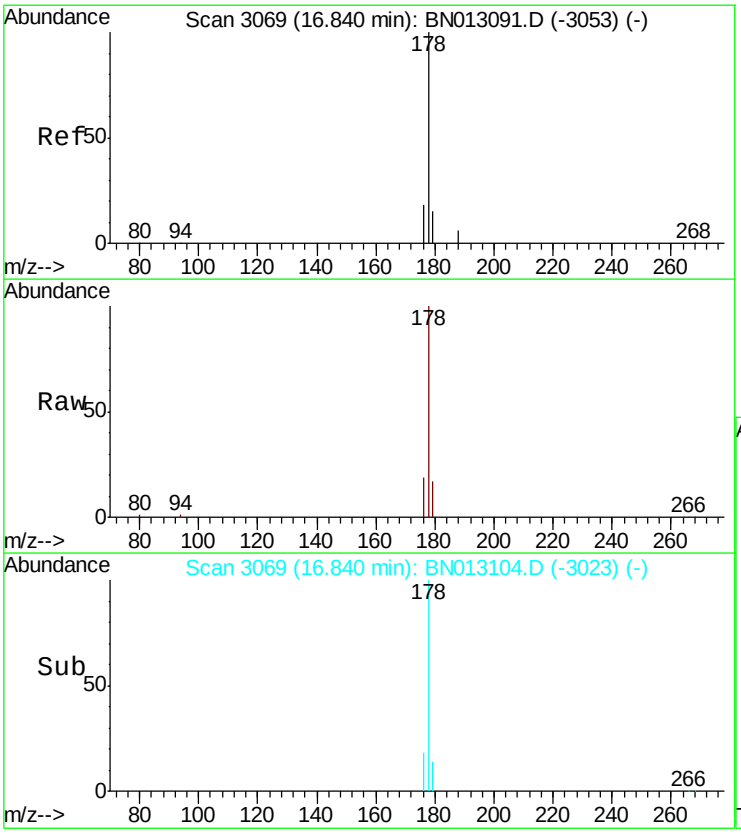
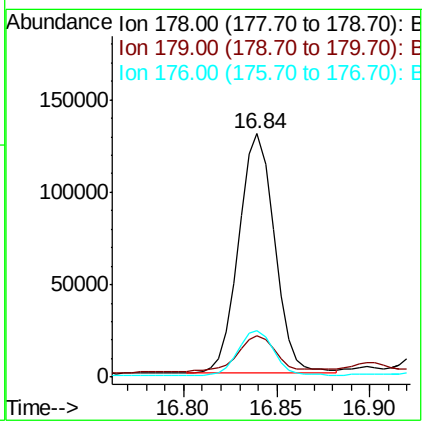
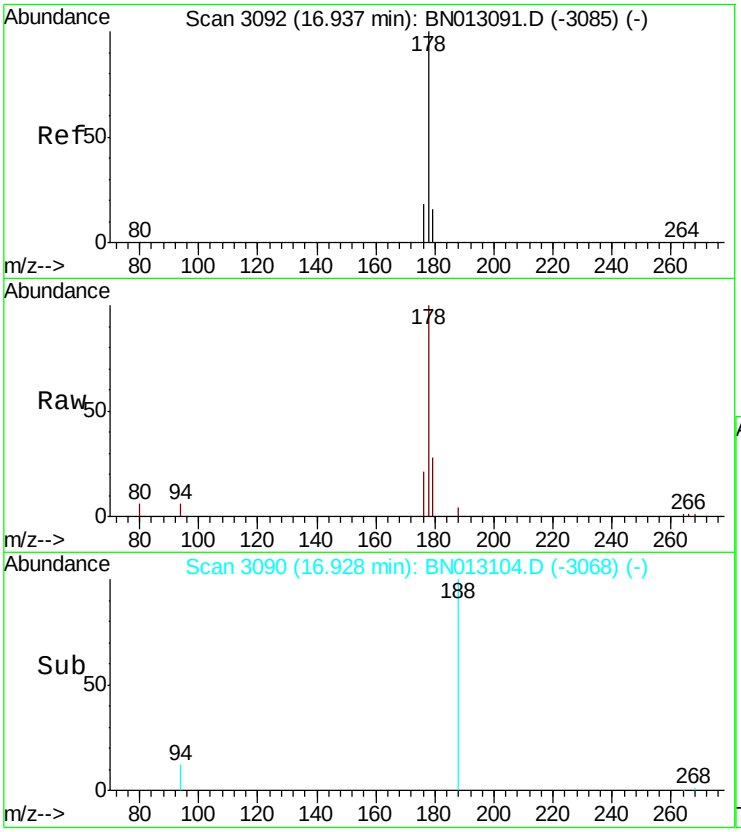


#12
Phenanthrene
Concen: 9.393 ng/ul
RT: 16.84 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:178 Resp: 173376

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.6	20.4
176	18.9	16.4	24.6





#13
Anthracene
Concen: 0.998 ng/ul
RT: 16.93 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:178 Resp: 15683

Ion	Ratio	Lower	Upper
178	100		
179	28.2	14.6	21.8#
176	20.8	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0AE0DL

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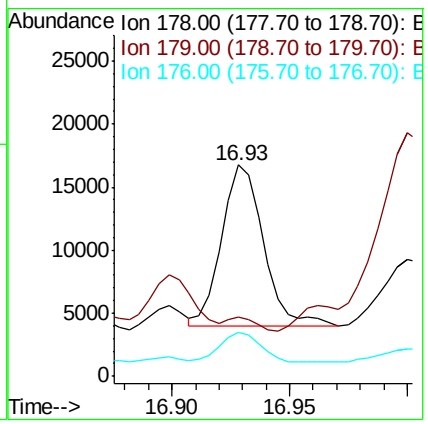
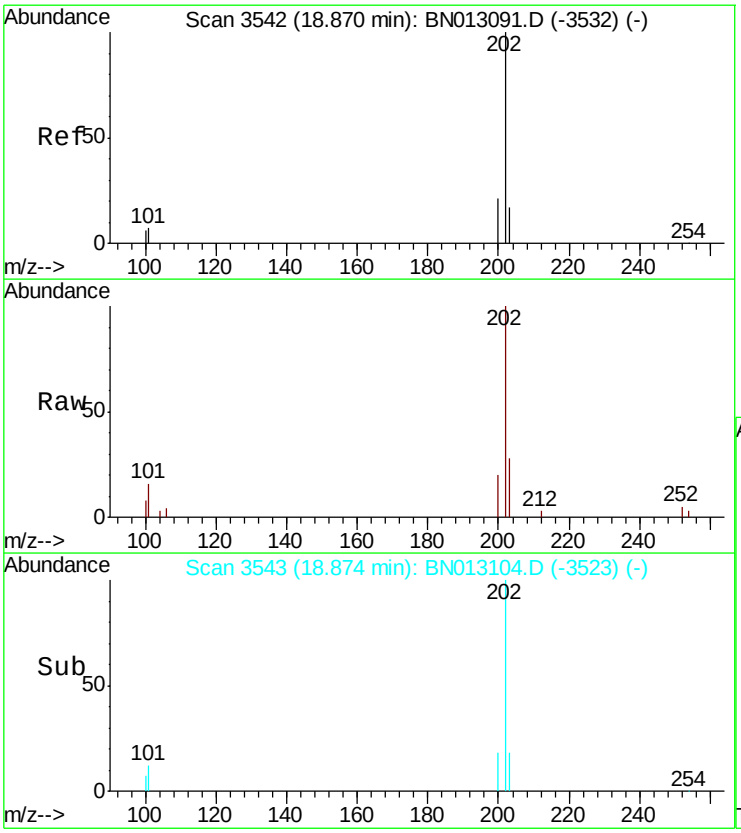
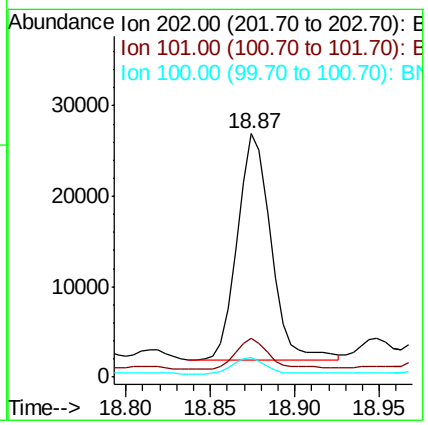


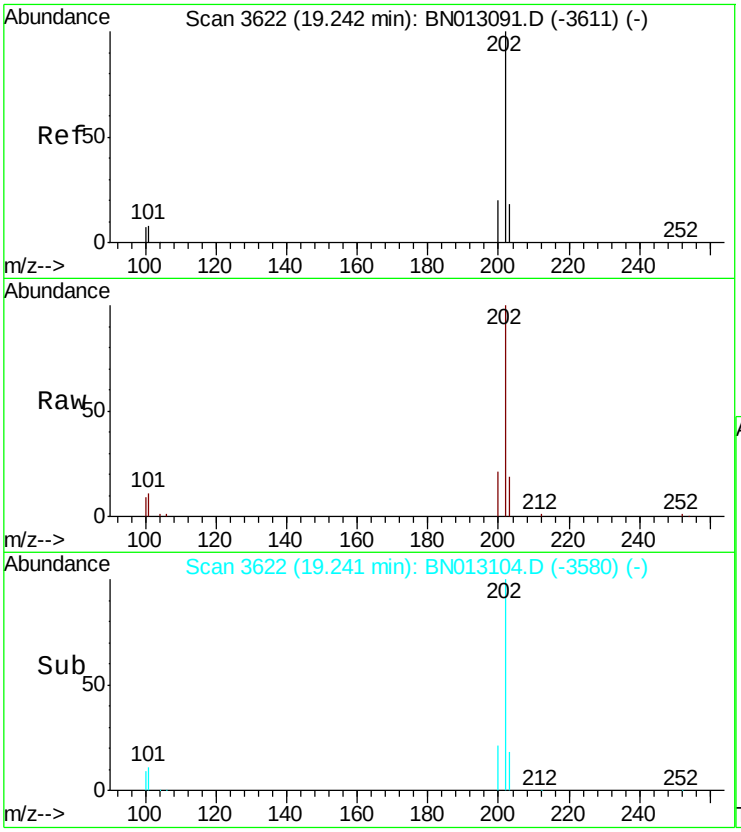


#15
Fluoranthene
Concen: 1.574 ng/ul
RT: 18.87 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:202 Resp: 34525

Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	30.6
100	8.0	0.0	28.7





#17
Pyrene
Concen: 8.129 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:202 Resp: 191215

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.0	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0AE0DL

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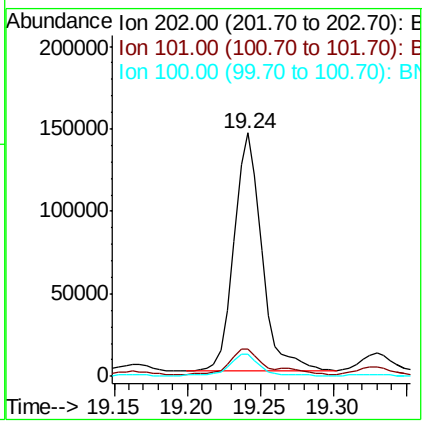
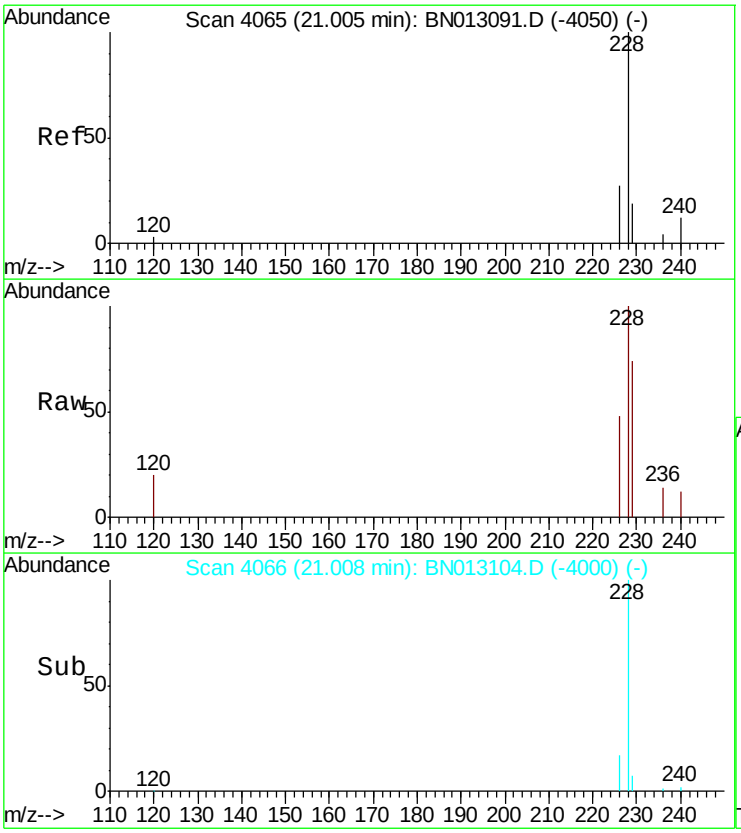
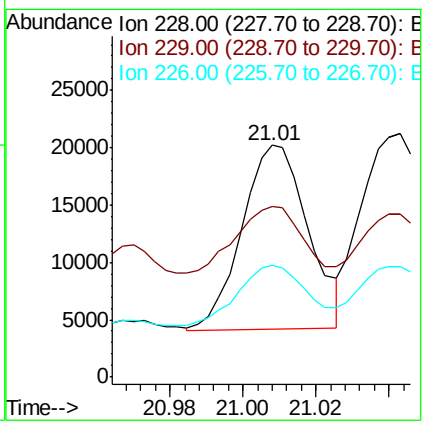


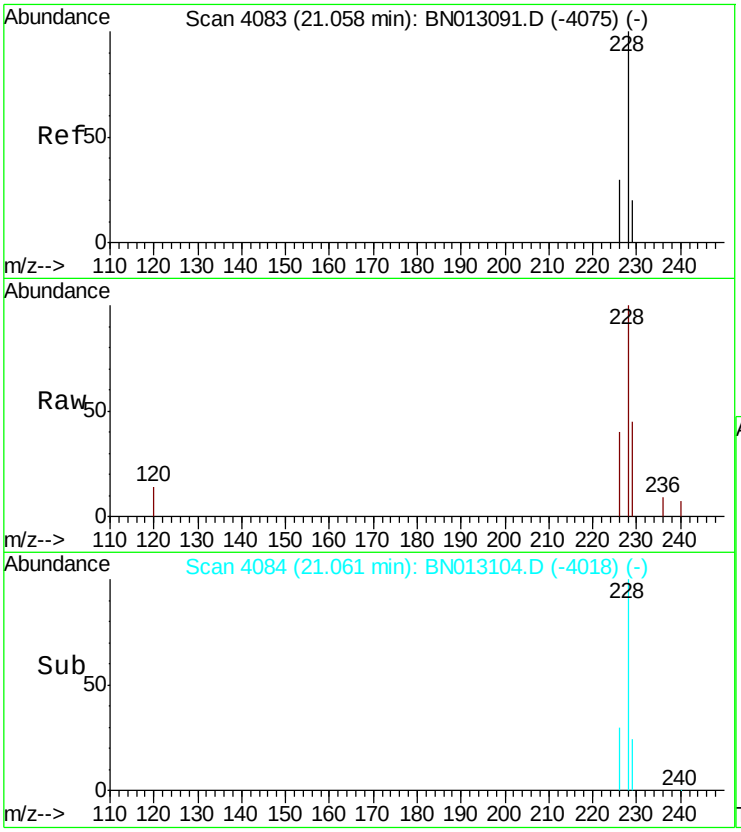


#18
Benzo(a)anthracene
Concen: 0.979 ng/ul
RT: 21.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:228 Resp: 20163

Ion	Ratio	Lower	Upper
228	100		
229	73.5	16.3	24.5#
226	48.2	23.4	35.2#

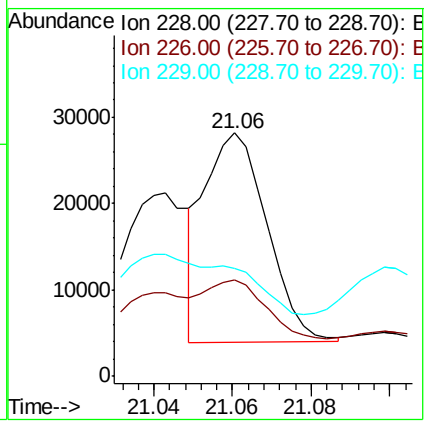




#19
Chrysene
Concen: 1.166 ng/ul
RT: 21.06 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:228 Resp: 26548

Ion	Ratio	Lower	Upper
228	100		
226	39.8	25.0	37.6#
229	44.6	16.4	24.6#



Instrument :
BNA_N
ClientSampleId :
C0AE0DL

Manual Integrations APPROVED
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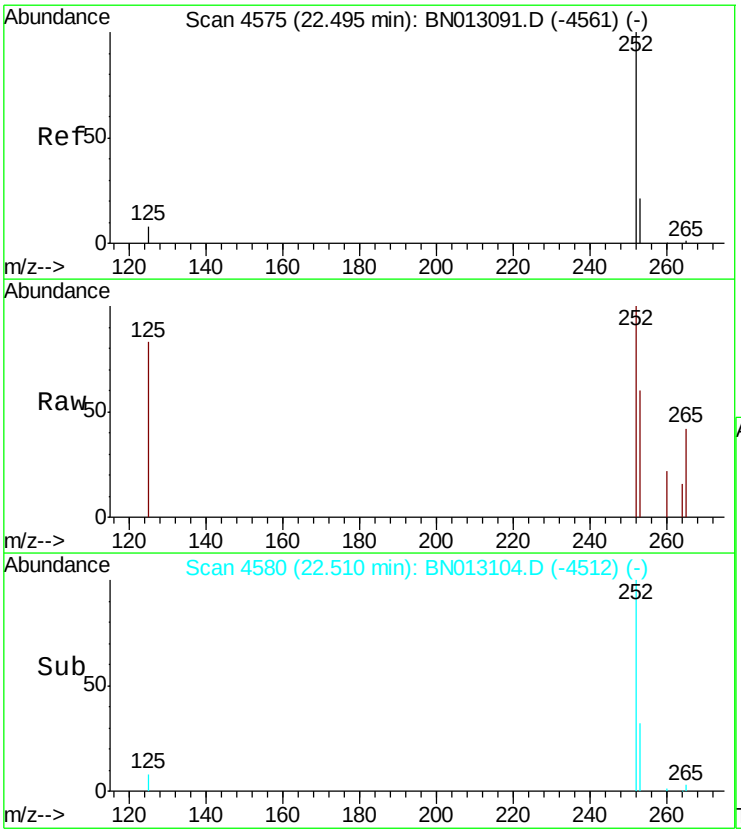
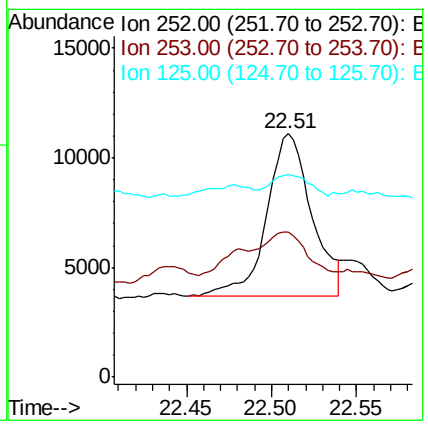
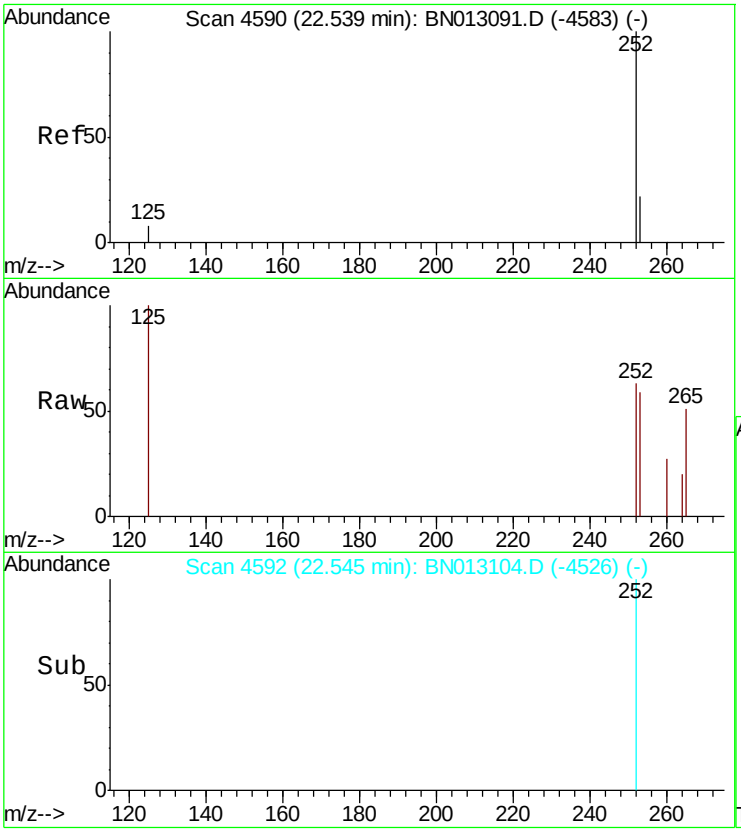


#21
Benzo(b)fluoranthene
Concen: 0.607 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:252 Resp: 13786

Ion	Ratio	Lower	Upper
252	100		
253	59.8	0.0	59.6#
125	83.0	0.0	26.0#





#22
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:252 Resp: 1556

Ion	Ratio	Lower	Upper
252	100		
253	92.3	23.4	35.2#
125	157.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AE0DL

Manual Integrations APPROVED
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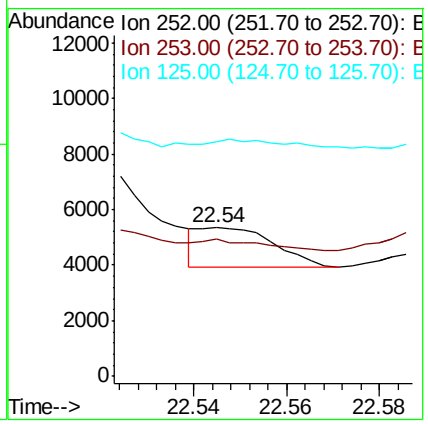
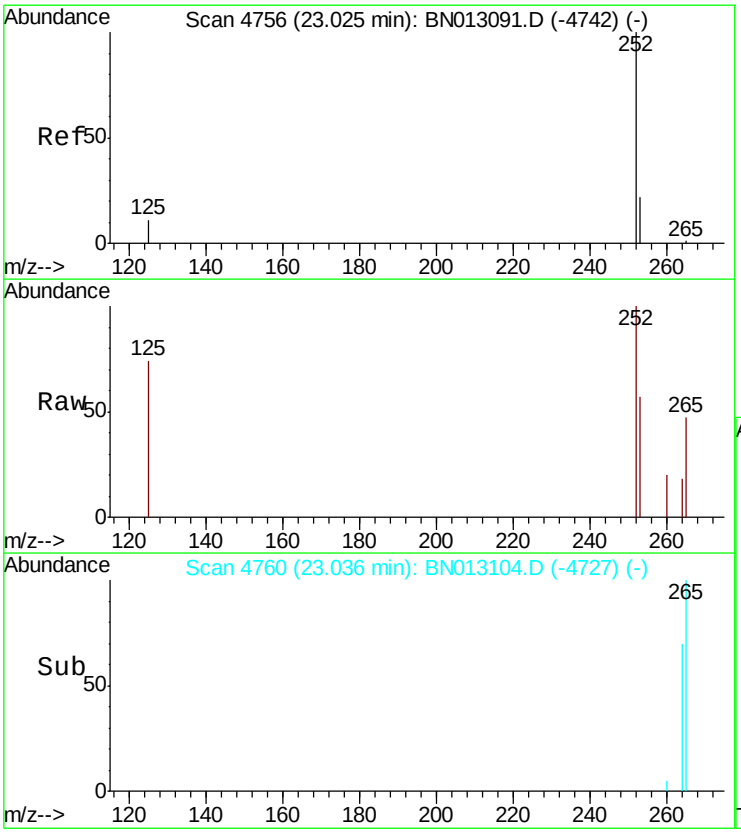
12/15/2020 12:17:31 PM

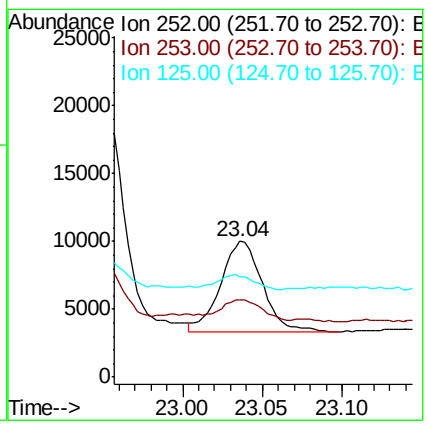


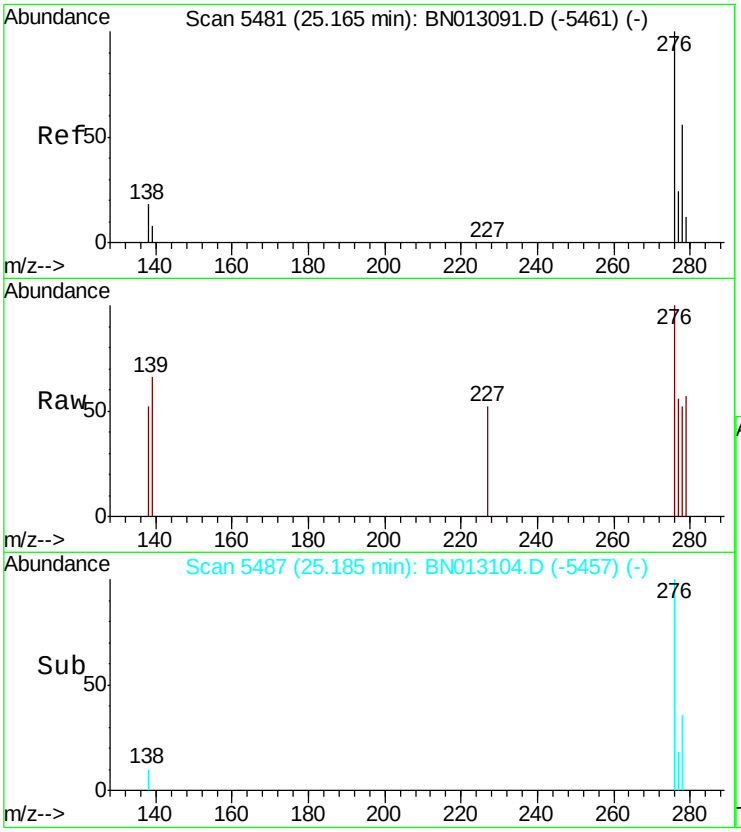


#23
Benzo(a)pyrene
Concen: 0.583 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:252 Resp: 12279

Ion	Ratio	Lower	Upper
252	100		
253	56.8	26.5	39.7#
125	74.0	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.166 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:276 Resp: 4592

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.2	24.2
227	0.7	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AE0DL

Manual Integrations APPROVED
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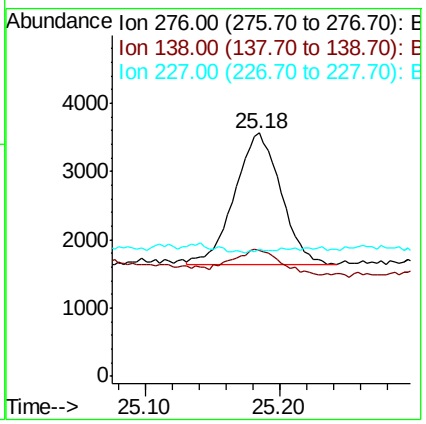
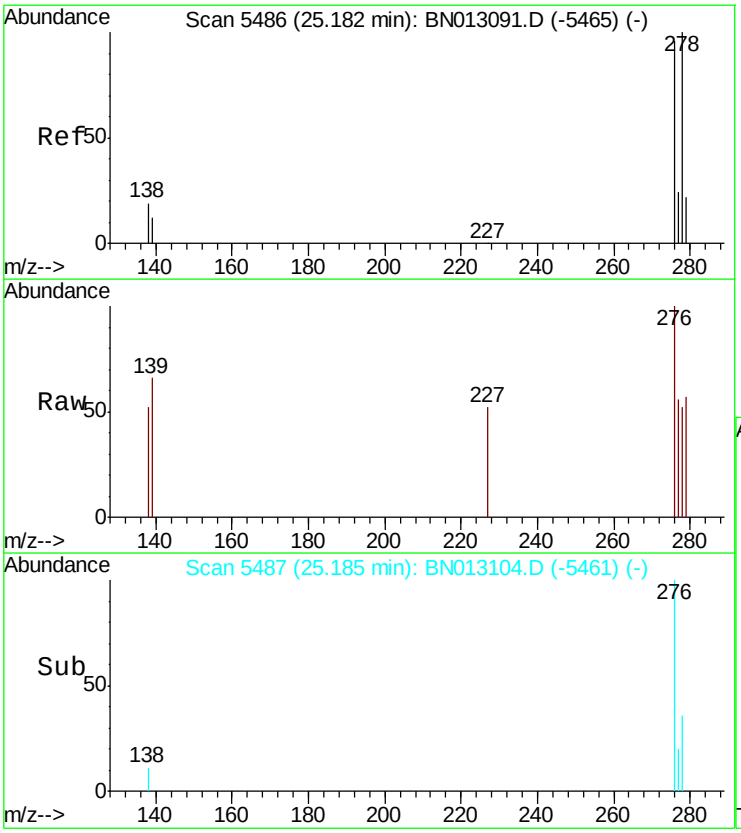
12/15/2020 12:17:31 PM

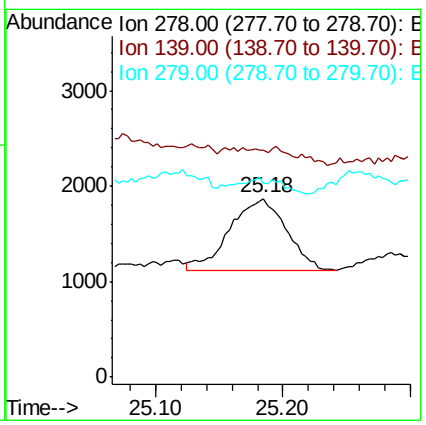


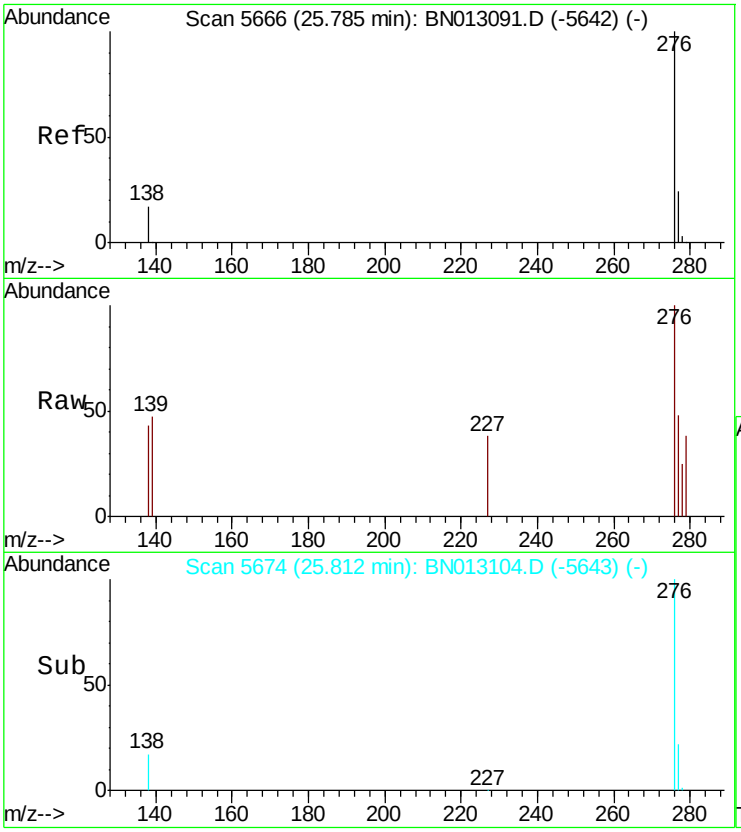


#25
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:278 Resp: 2289

Ion	Ratio	Lower	Upper
278	100		
139	126.9	14.5	21.7#
279	108.6	26.3	39.5#

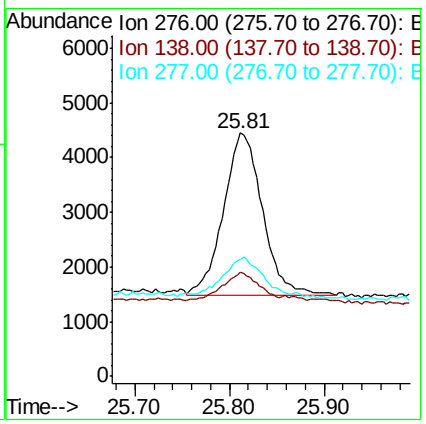




#26
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. 0.00 min
Lab File: BN013104.D
Acq: 12 Dec 2020 22:48

Tgt Ion:276 Resp: 8491

Ion	Ratio	Lower	Upper
276	100		
138	42.6	16.3	24.5#
277	48.0	21.8	32.6#



Instrument :
BNA_N
ClientSampleId :
C0AE0DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:31 PM