Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012668.D
Acq On : 20 Nov 2020 20:39
Operator : CG/JU
Sample : L4710-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:14 AM

Quant Time: Nov 21 01:02:01 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 : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2325	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4792m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4466	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3911	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1419	0.25	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	3281	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.26	128	1645	0.140	ng/ul	95
5) 2-Methylnaphthalene	11.89	142	1256	0.167	ng/ul	99
7) Acenaphthylene	13.82	152	2938	0.259	ng/ul	96
8) Acenaphthene	14.16	153	10257	1.073	ng/ul	97
9) Fluorene	15.16	166	14774	1.406	ng/ul	99
12) Phenanthrene	16.89	178	384759	23.075	ng/ul	96
13) Anthracene	16.98	178	43981	3.034	ng/ul	95
15) Fluoranthene	18.92	202	777224	40.374	ng/ul	99
17) Pyrene	19.29	202	591004	29.585	ng/ul	97
18) Benzo(a)anthracene	21.05	228	299897	18.739	ng/ul	98
19) Chrysene	21.10	228	338265	16.921	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	443293m	24.639	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	155977m	7.518	ng/ul	
23) Benzo(a)pyrene	23.09	252	285147	16.840	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	207697	9.380	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.27	278	49564	2.786	ng/ul	93
26) Benzo(g,h,i)perylene	25.90	276	191689	9.619	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012668.D
Acq On : 20 Nov 2020 20:39
Operator : CG/JU
Sample : L4710-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 21 01:02:01 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 : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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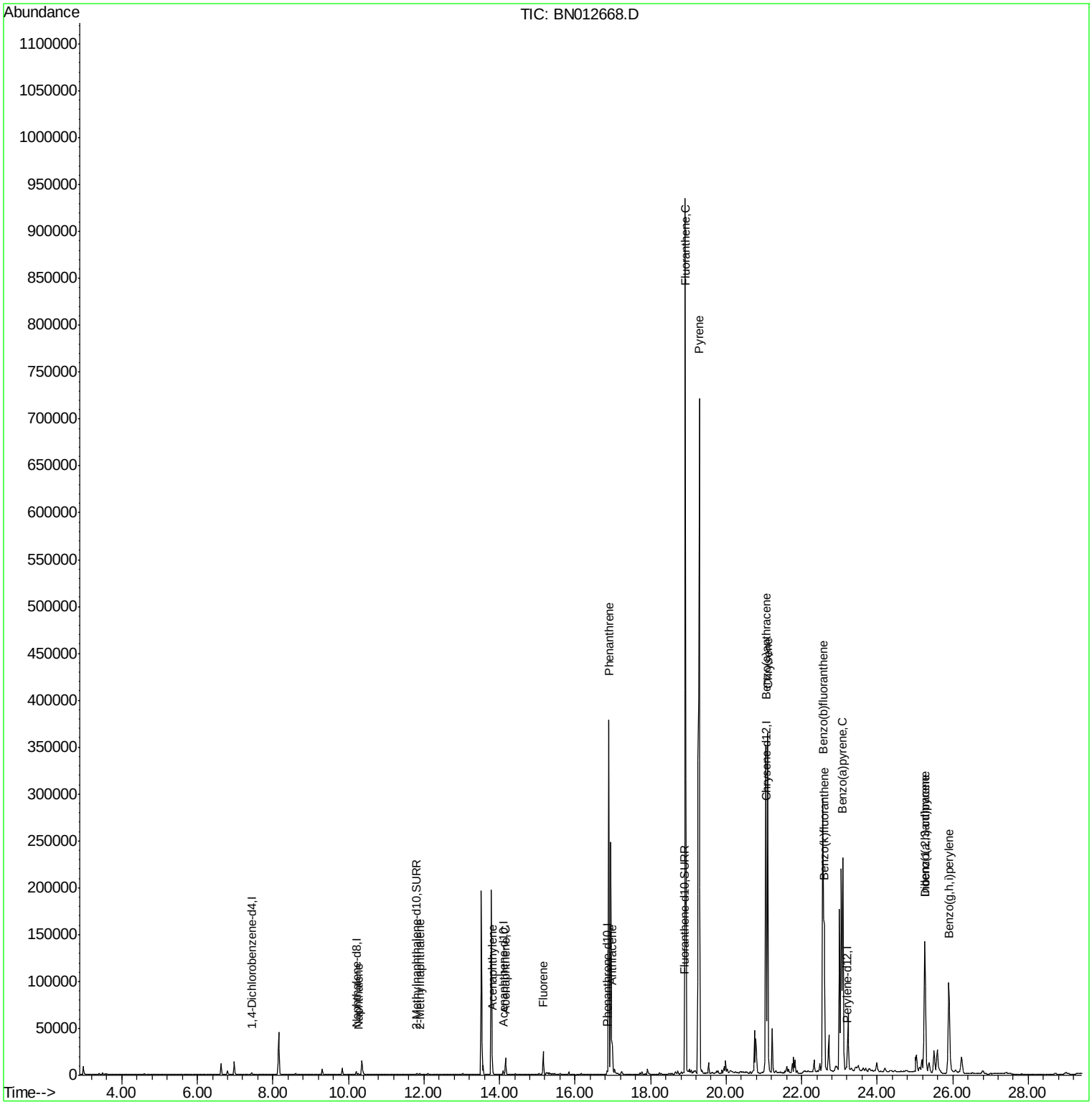
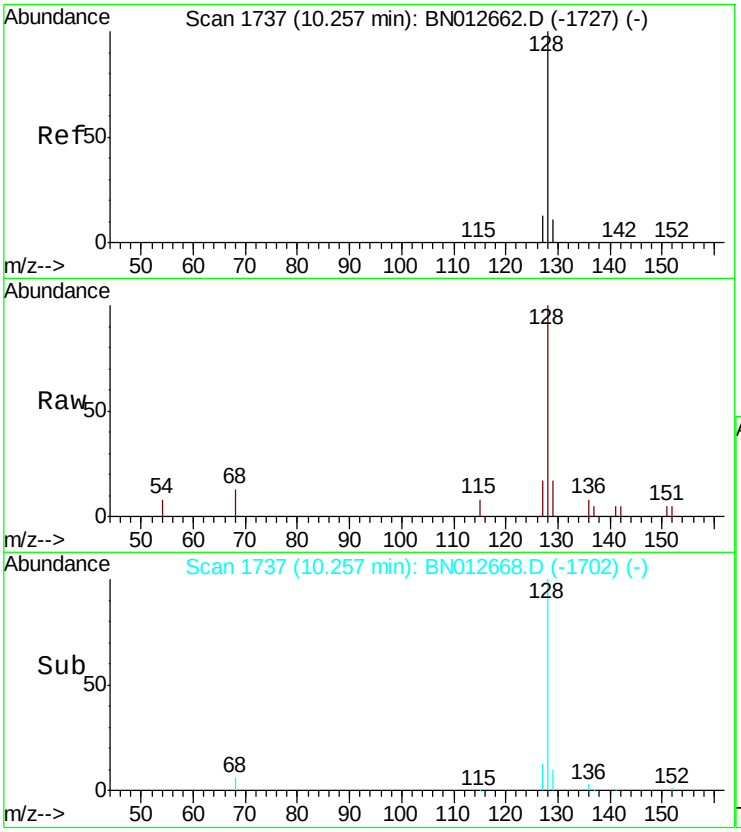
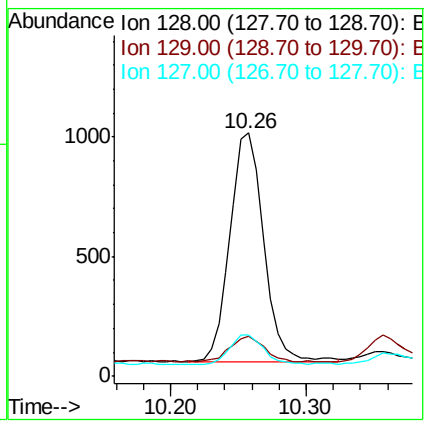




#3
Naphthalene
Concen: 0.140 ng/ul
RT: 10.26 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:128 Resp: 1645

Ion	Ratio	Lower	Upper
128	100		
129	16.5	11.2	16.8
127	17.2	12.5	18.7



Instrument :
BNA_N
ClientSampleId :
C0AW8

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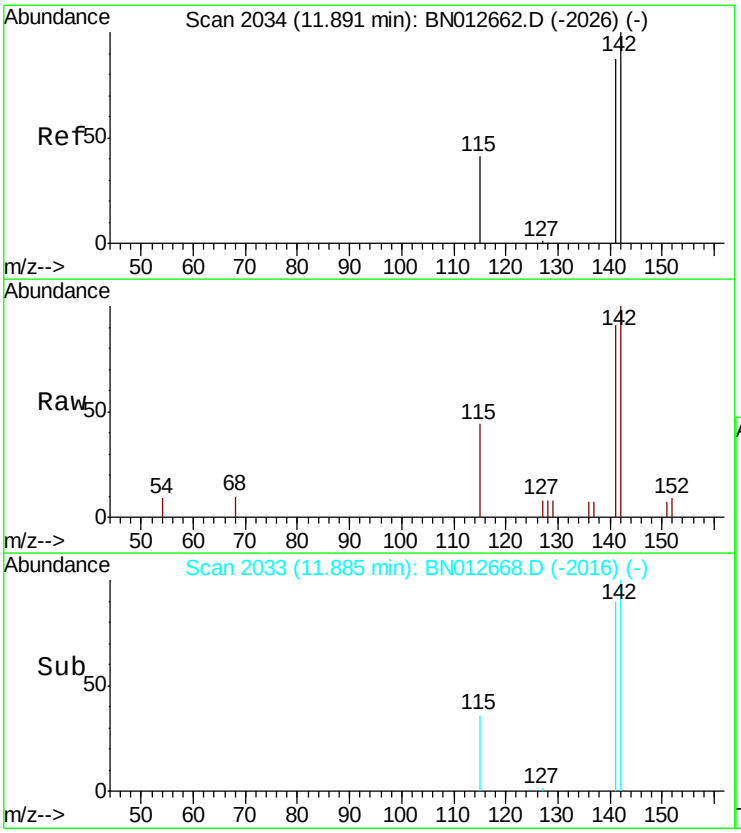
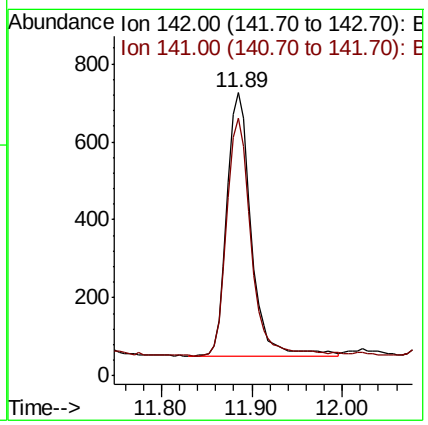
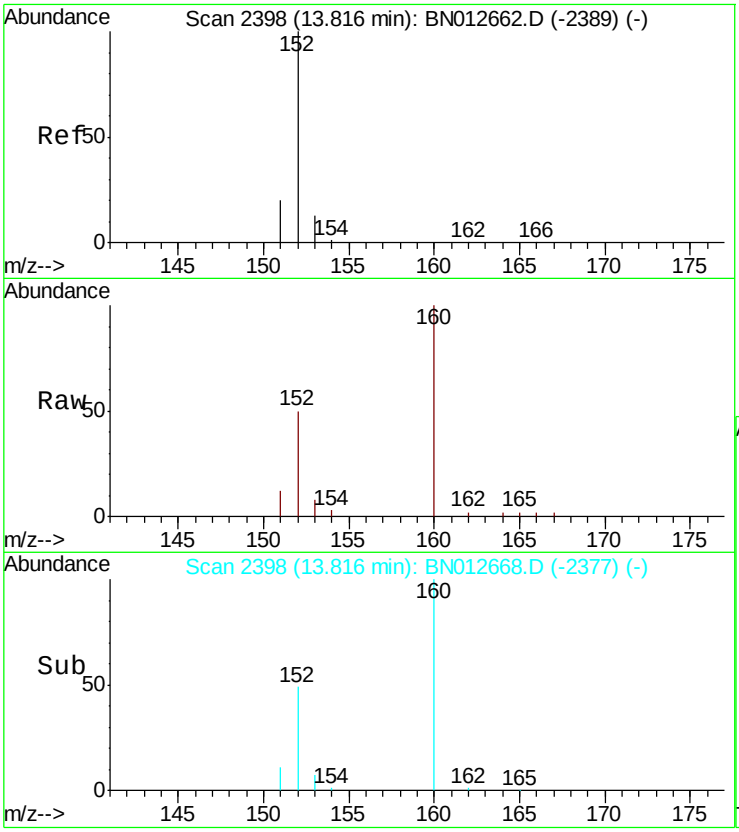


#5
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 11.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:142 Resp: 1256

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.3	108.5

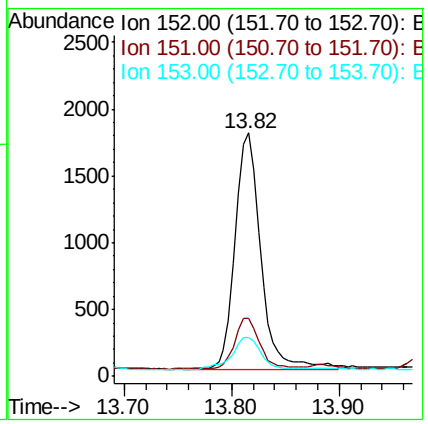




#7
Acenaphthylene
Concen: 0.259 ng/ul
RT: 13.82 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:152 Resp: 2938

Ion	Ratio	Lower	Upper
152	100		
151	24.0	17.1	25.7
153	16.1	12.6	19.0



Instrument :
BNA_N
ClientSampleId :
C0AW8

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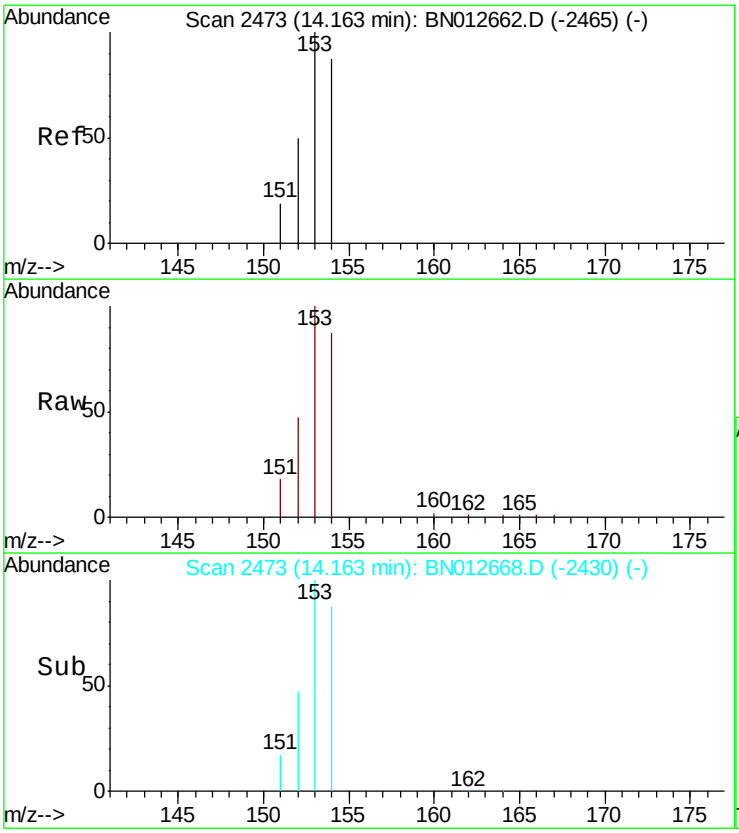
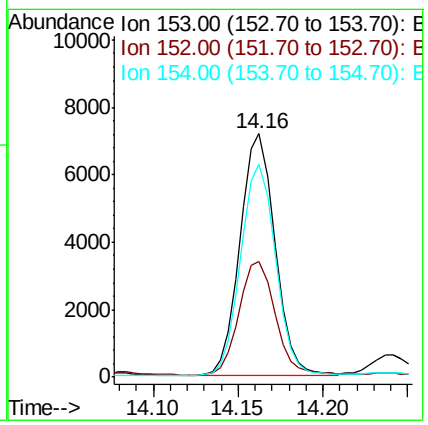
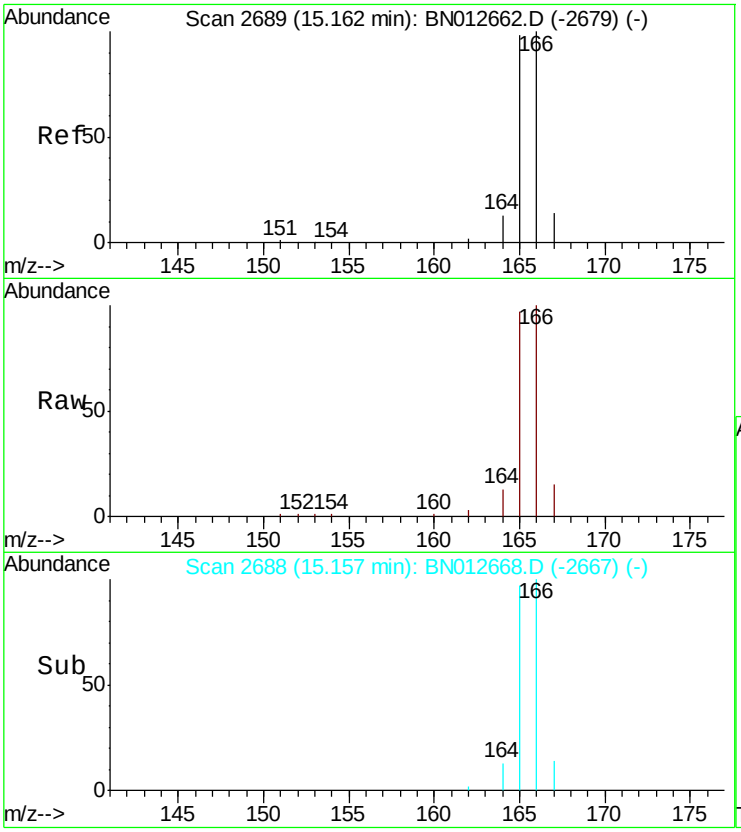


#8
Acenaphthene
Concen: 1.073 ng/ul
RT: 14.16 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:153 Resp: 10257

Ion	Ratio	Lower	Upper
153	100		
152	47.3	41.4	62.0
154	87.3	70.9	106.3

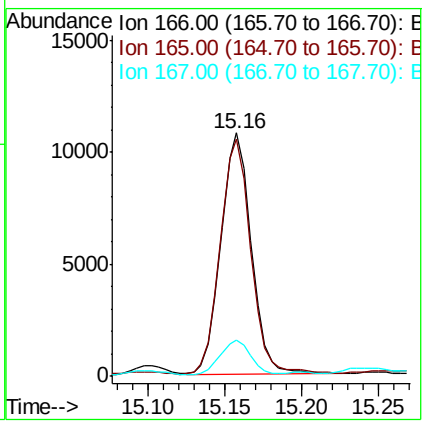




#9
Fluorene
Concen: 1.406 ng/ul
RT: 15.16 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:166 Resp: 14774

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.5	117.7
167	14.9	12.7	19.1



Instrument :
BNA_N
ClientSampleId :
C0AW8

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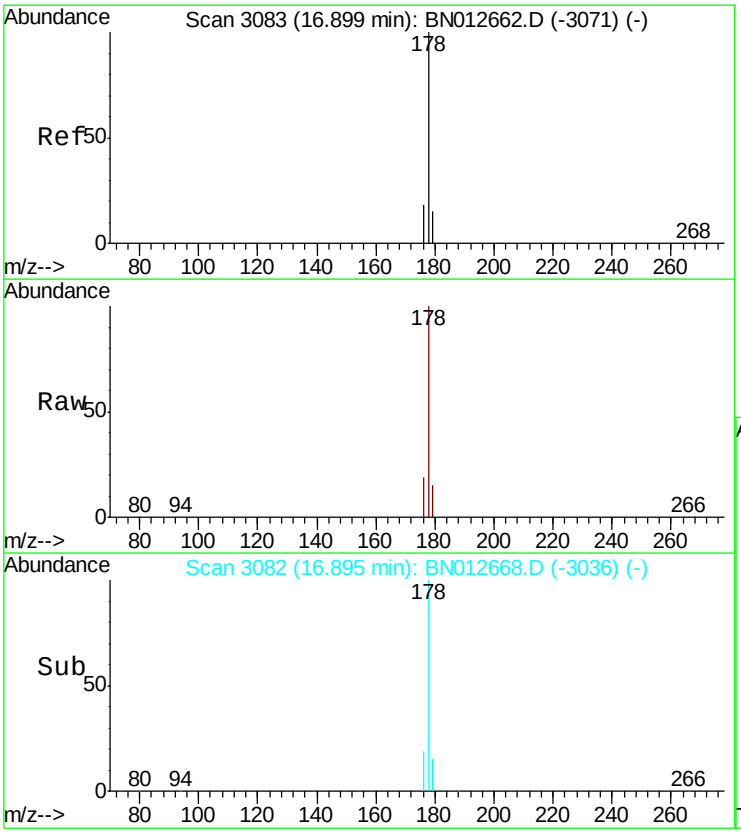
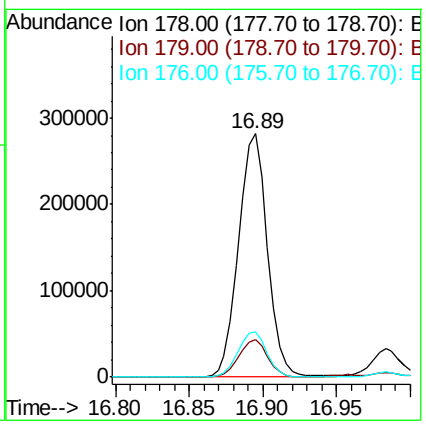
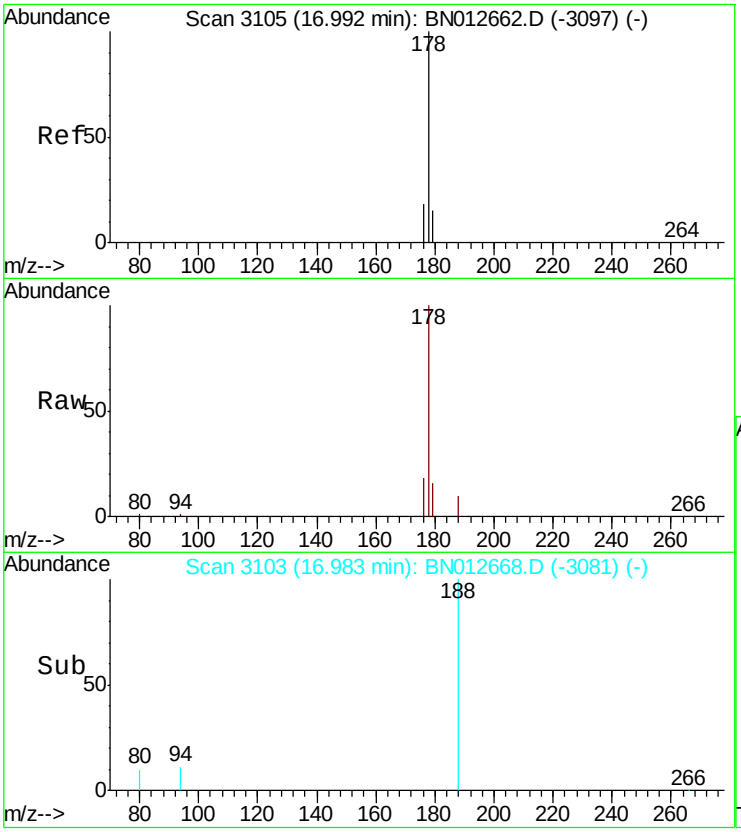


#12
Phenanthrene
Concen: 23.075 ng/ul
RT: 16.89 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:178 Resp: 384759

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.6
176	18.7	16.7	25.1

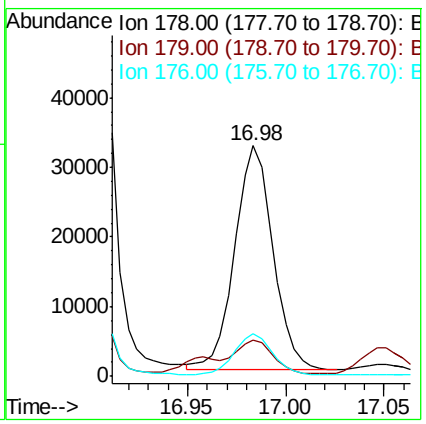




#13
Anthracene
Concen: 3.034 ng/ul
RT: 16.98 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:178 Resp: 43981

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.8	22.2
176	18.3	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0AW8

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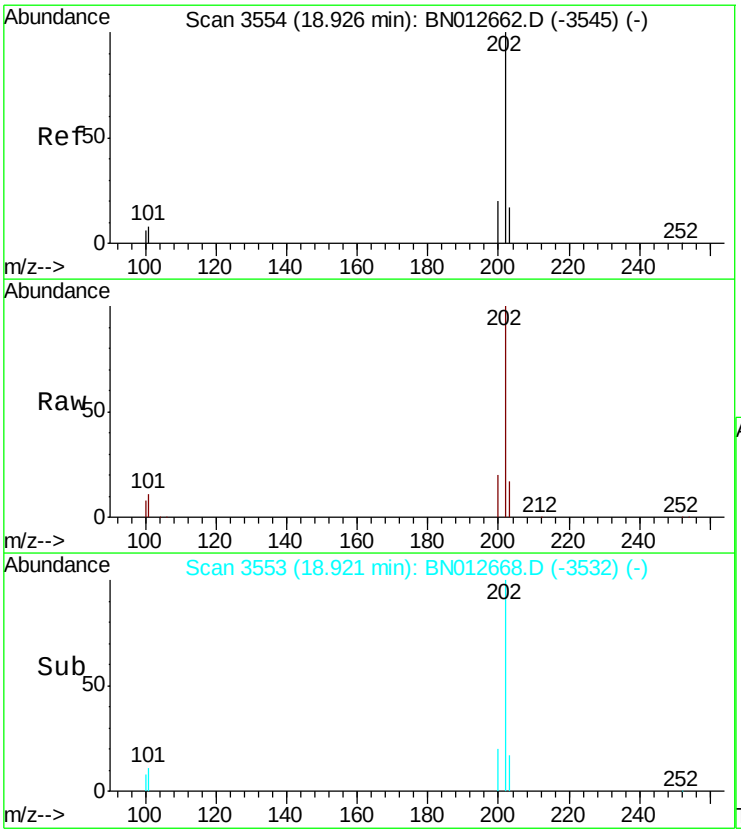
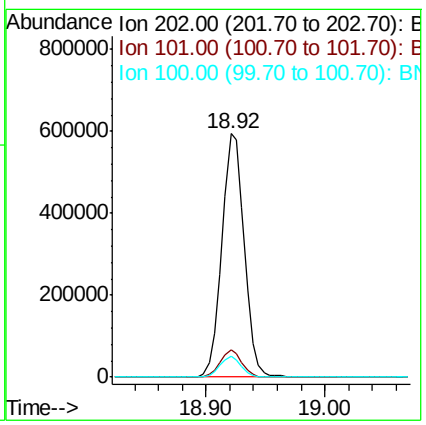
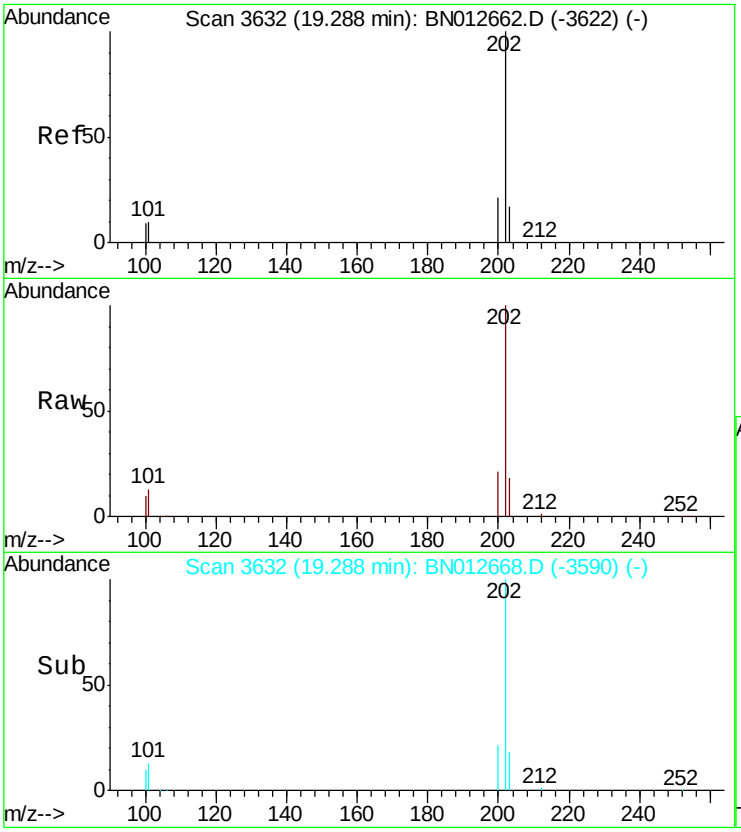


#15
Fluoranthene
Concen: 40.374 ng/ul
RT: 18.92 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:202 Resp: 777224

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
100	8.5	0.0	28.4

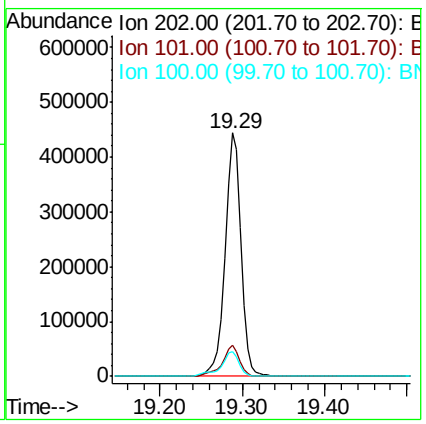




#17
Pyrene
Concen: 29.585 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:202 Resp: 591004

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.9	13.3
100	10.4	7.4	11.2



Instrument :
BNA_N
ClientSampleId :
C0AW8

Manual Integrations APPROVED
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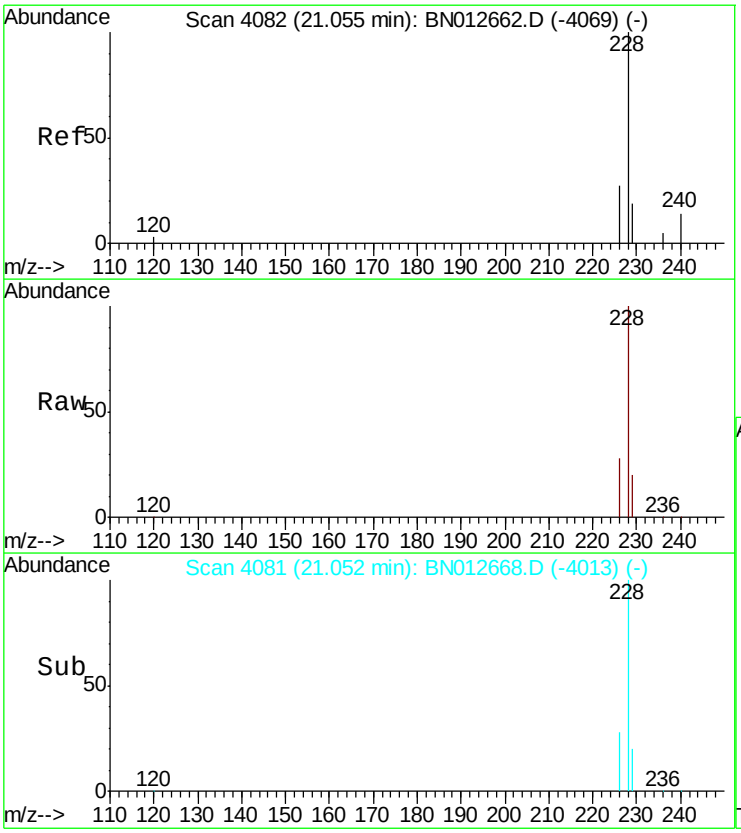
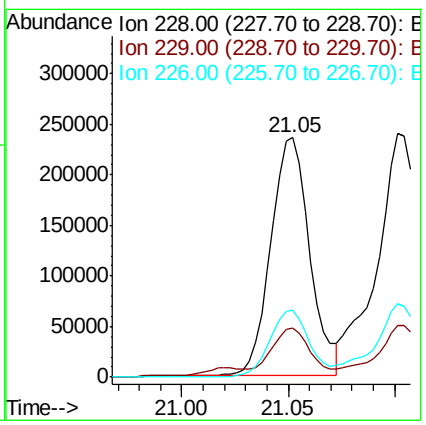
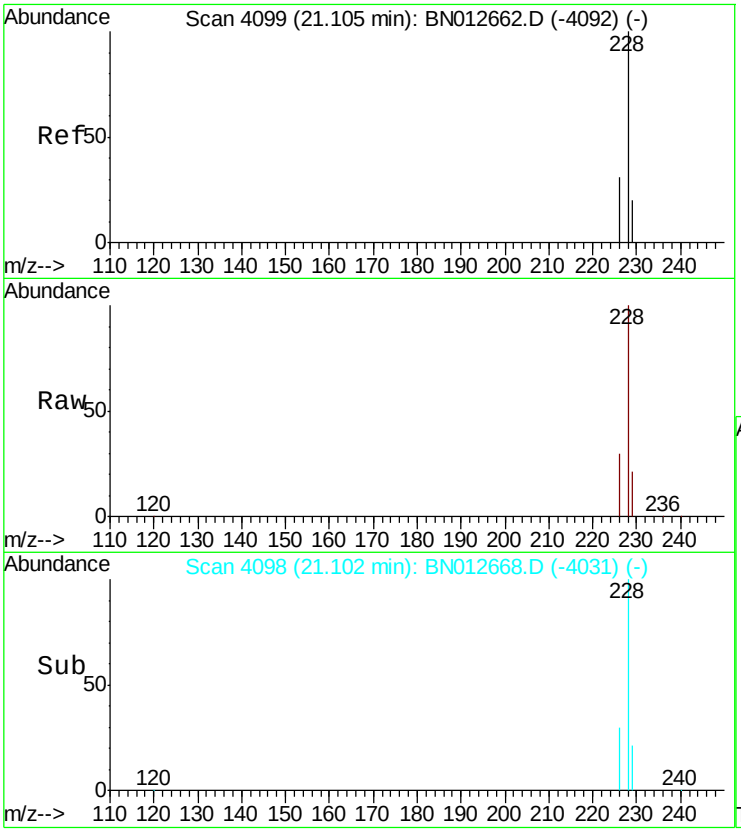


#18
Benzo(a)anthracene
Concen: 18.739 ng/ul
RT: 21.05 min Scan# 4081
Delta R.T. 0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:228 Resp: 299897

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.9	25.3
226	28.0	23.1	34.7

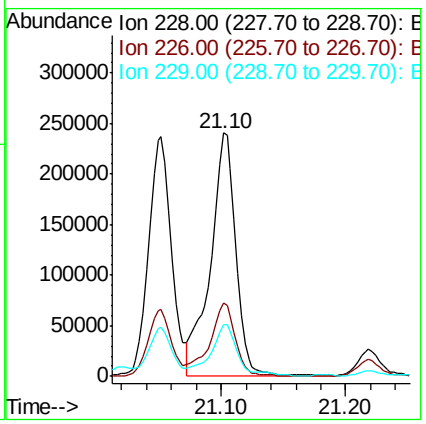




#19
Chrysene
Concen: 16.921 ng/ul
RT: 21.10 min Scan# 4098
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:228 Resp: 338265

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	21.2	16.1	24.1



Instrument :
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ClientSampleId :
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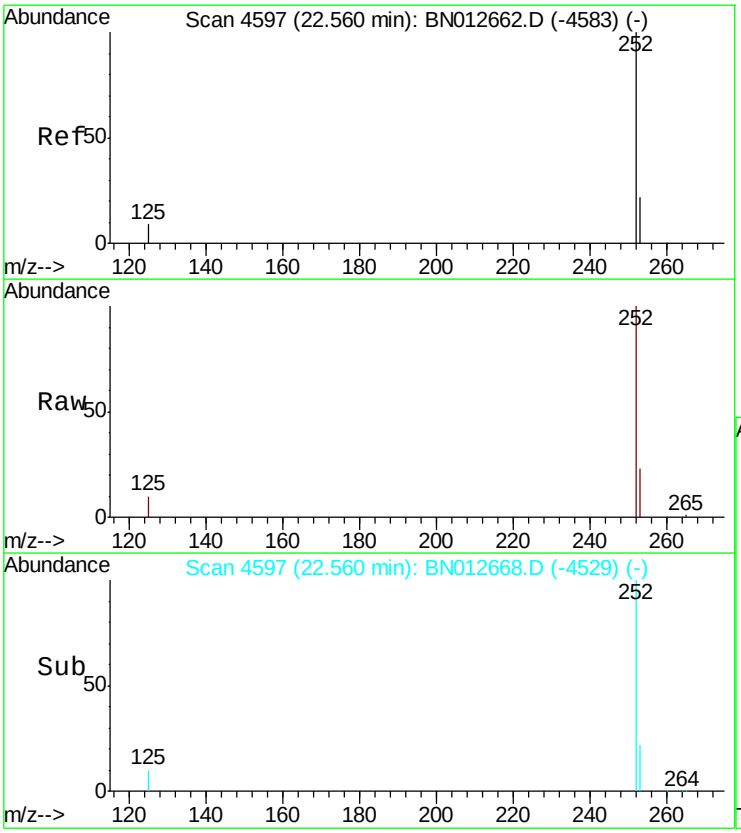
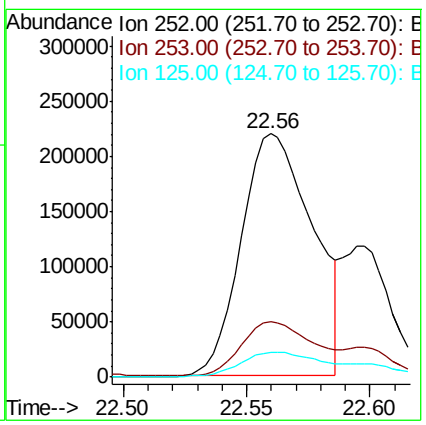
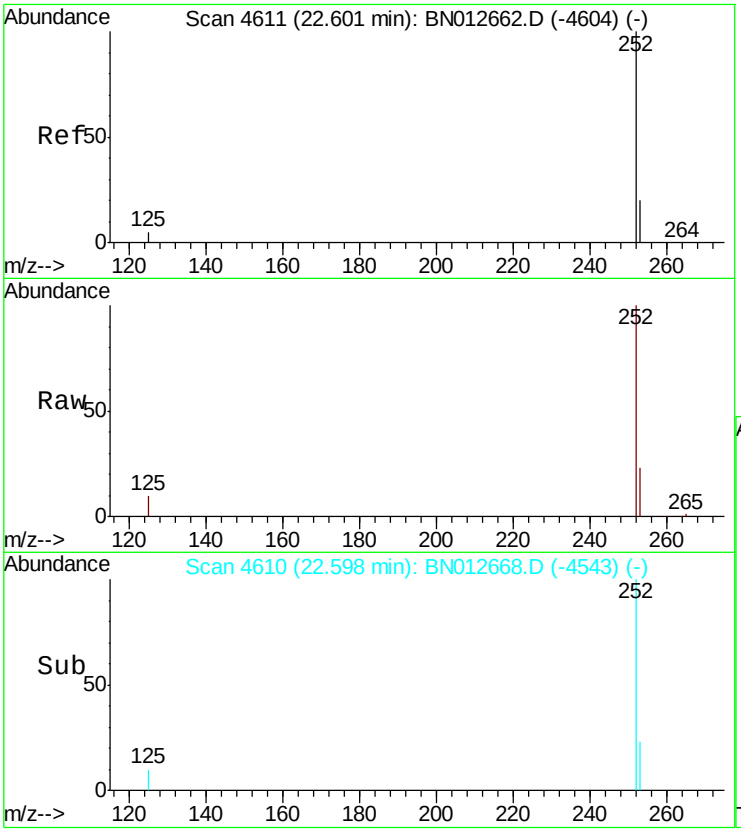


#21
Benzo(b)fluoranthene
Concen: 24.639 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. 0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:252 Resp: 443293

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	58.4
125	10.2	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 7.518 ng/ul m
RT: 22.60 min Scan# 4610
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:252 Resp: 155977

Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.4	35.2#
125	10.4	10.2	15.2

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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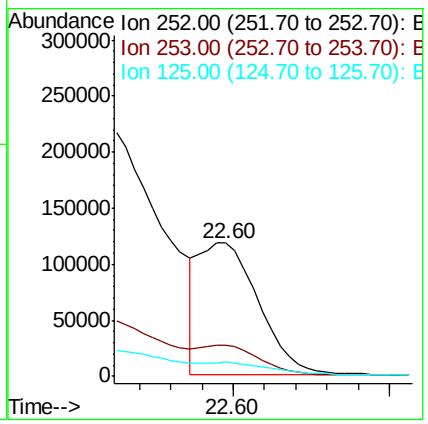
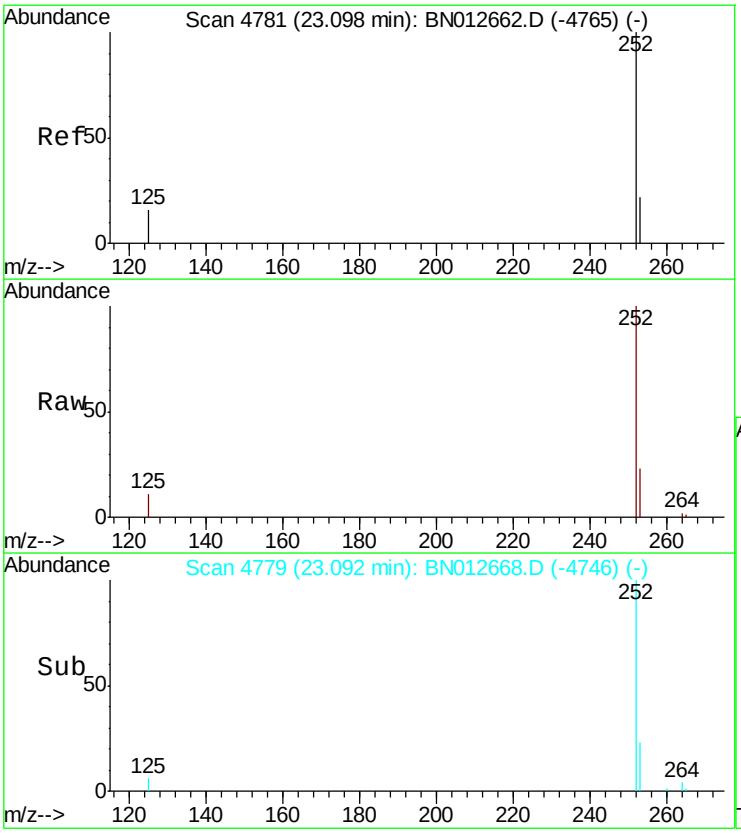
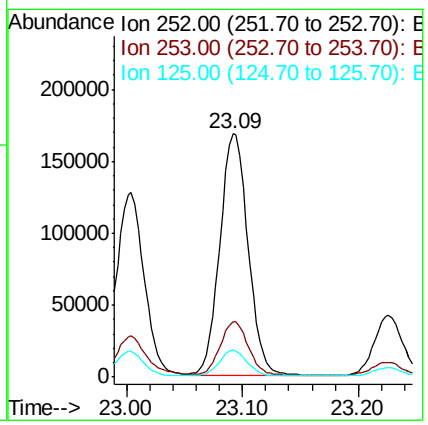


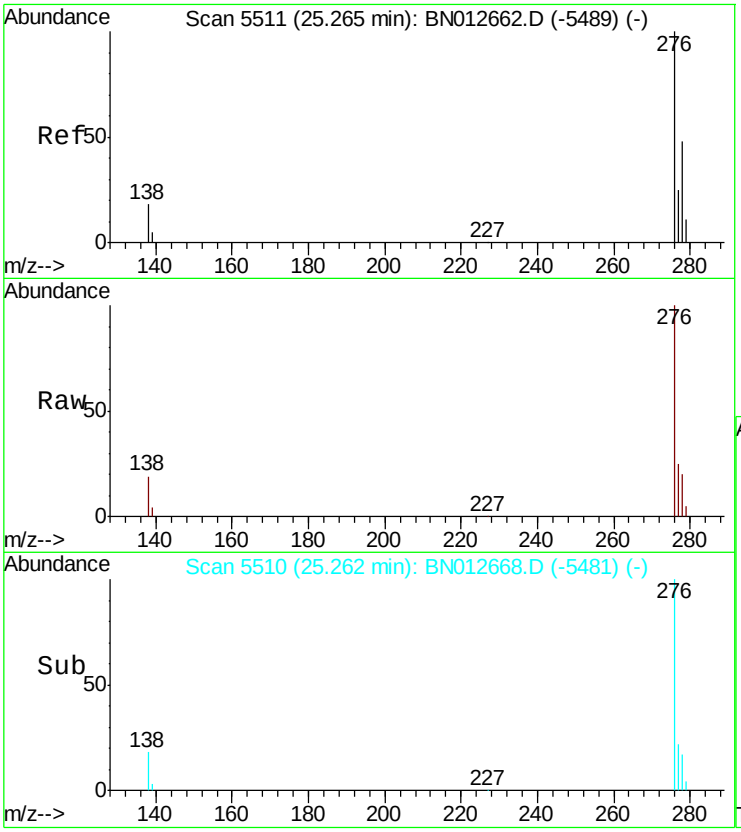


#23
Benzo(a)pyrene
Concen: 16.840 ng/ul
RT: 23.09 min Scan# 4779
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:252 Resp: 285147

Ion	Ratio	Lower	Upper
252	100		
253	22.7	27.6	41.4#
125	11.0	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 9.380 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:276 Resp: 207697

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.5	24.7
227	0.3	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
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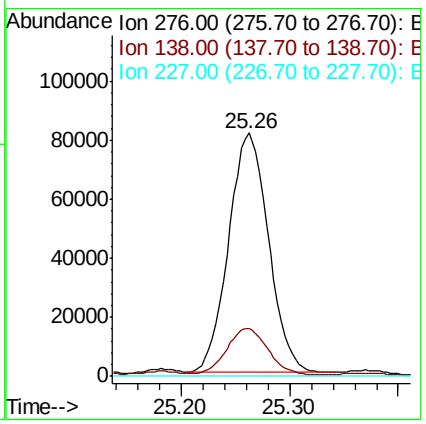
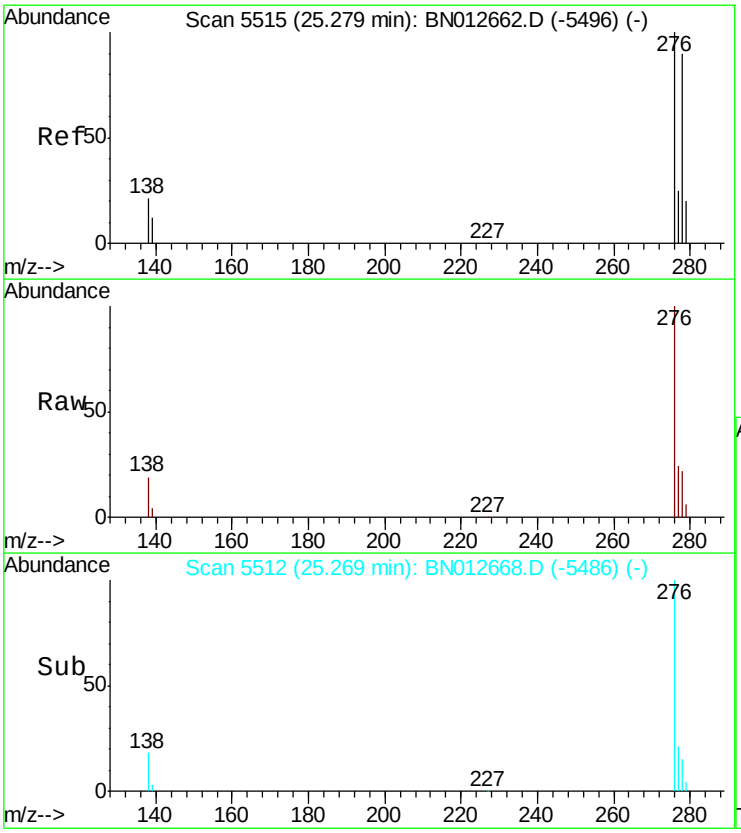
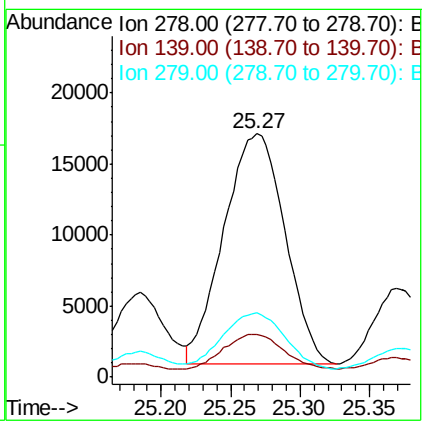


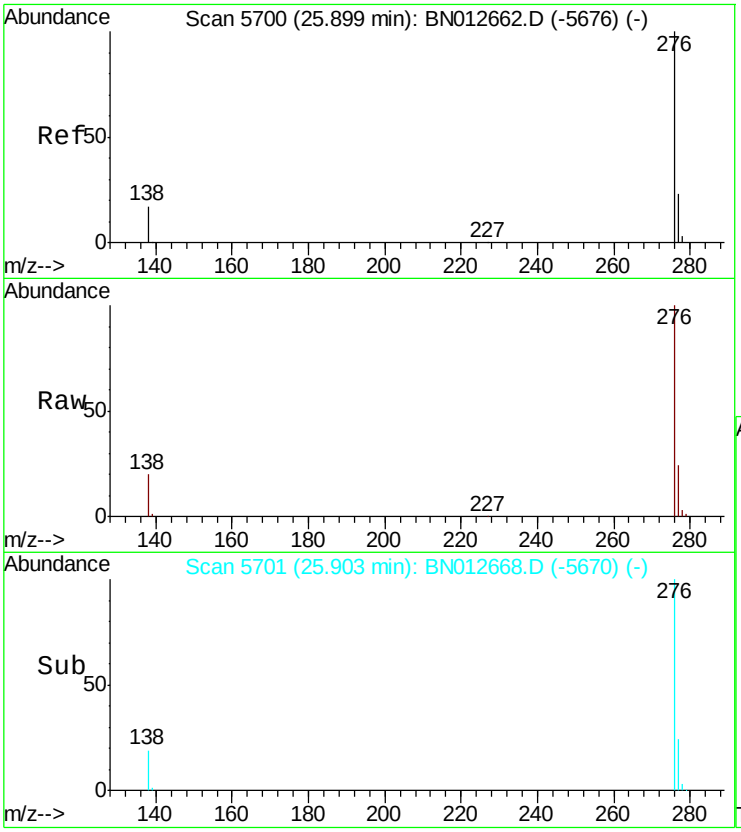


#25
Dibenzo(a,h)anthracene
Concen: 2.786 ng/ul
RT: 25.27 min Scan# 5512
Delta R.T. -0.01 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:278 Resp: 49564

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	26.3	25.6	38.4

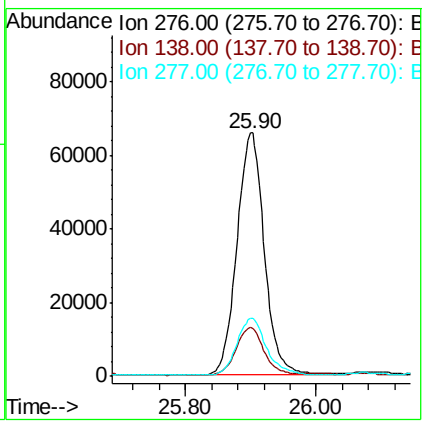




#26
Benzo(g,h,i)perylene
Concen: 9.619 ng/ul
RT: 25.90 min Scan# 5701
Delta R.T. 0.00 min
Lab File: BN012668.D
Acq: 20 Nov 2020 20:39

Tgt Ion:276 Resp: 191689

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.3	24.5
277	24.1	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:14 AM