Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013028.D
Acq On : 10 Dec 2020 00:57
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX3

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:28 PM

Quant Time: Dec 10 02:00:42 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 : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1242	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	5153	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2937	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6417	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5528	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	5645	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1011	0.13	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2485	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	1052	0.071	ng/ul	96
5) 2-Methylnaphthalene	11.82	142	677	0.069	ng/ul	100
7) Acenaphthylene	13.76	152	2661	0.191	ng/ul	99
8) Acenaphthene	14.11	153	13181	1.156	ng/ul	98
9) Fluorene	15.11	166	17410	1.331	ng/ul	98
12) Phenanthrene	16.84	178	479131	22.269	ng/ul	97
13) Anthracene	16.94	178	82253	4.492	ng/ul	94
15) Fluoranthene	18.88	202	1136720	44.460	ng/ul	98
17) Pyrene	19.25	202	879869	33.697	ng/ul	96
18) Benzo(a)anthracene	21.01	228	437128	19.113	ng/ul	98
19) Chrysene	21.06	228	491058	19.432	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	606395m	23.220	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	228095m	7.902	ng/ul	
23) Benzo(a)pyrene	23.04	252	378778	15.631	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.18	276	256796	8.068	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	64893m	2.578	ng/ul	
26) Benzo(g,h,i)perylene	25.81	276	210526	7.312	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013028.D
Acq On : 10 Dec 2020 00:57
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 10 02:00:42 2020
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Instrument :
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ClientSampleId :
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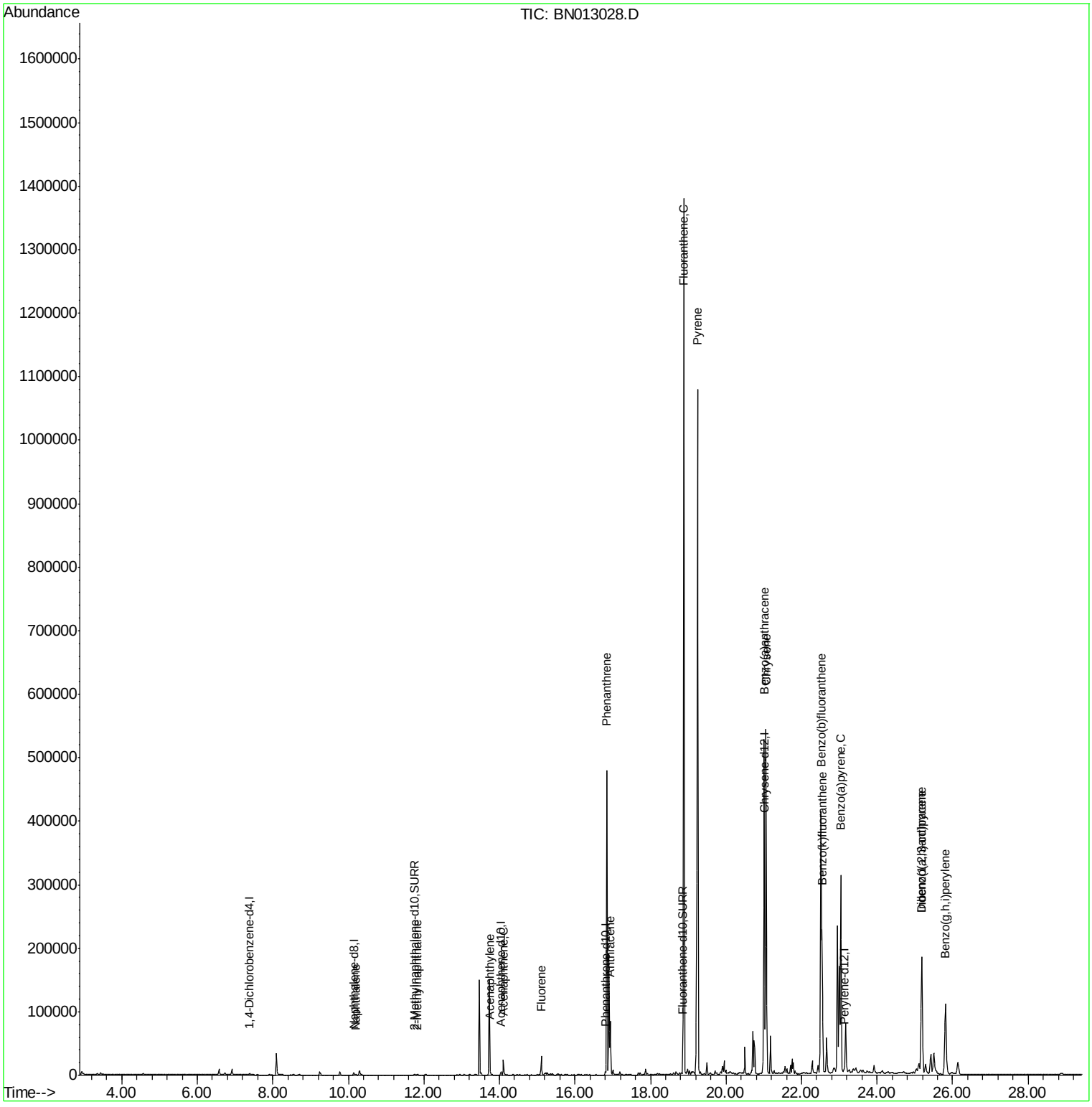

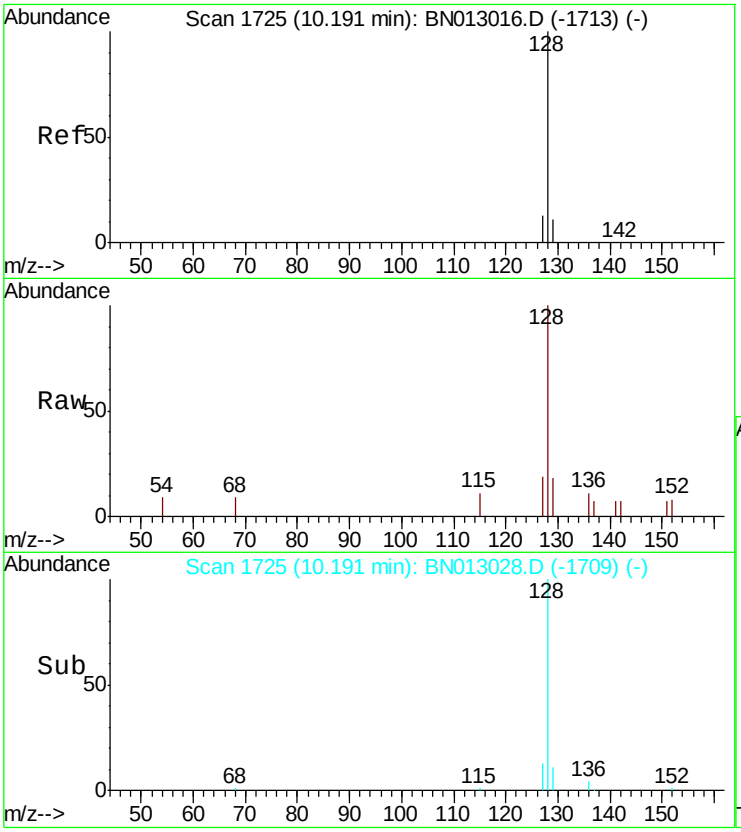

#3
Naphthalene
Concen: 0.071 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:128 Resp: 1052

Ion	Ratio	Lower	Upper
128	100		
129	18.3	12.3	18.5
127	18.8	14.2	21.4

Instrument :
BNA_N
ClientSampleId :
C0AX3

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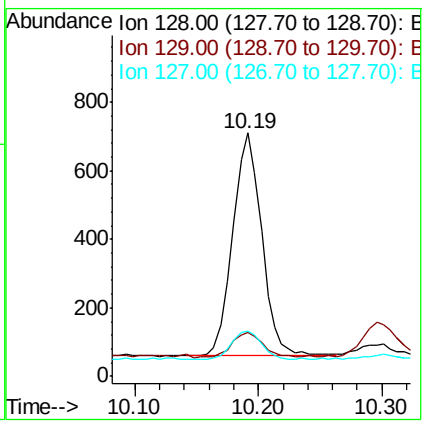
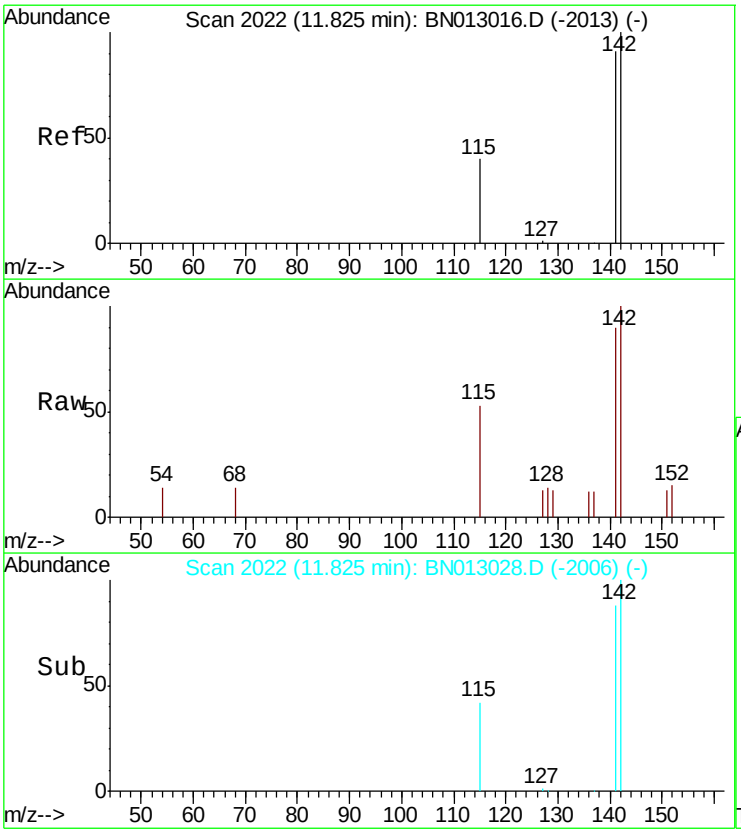
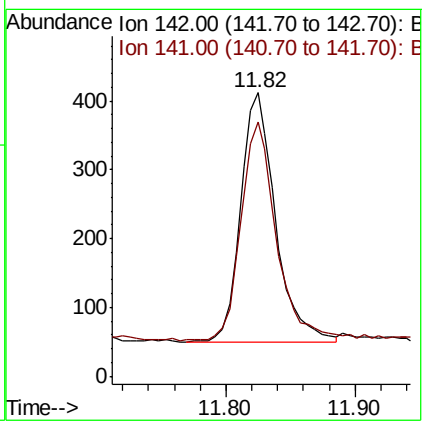


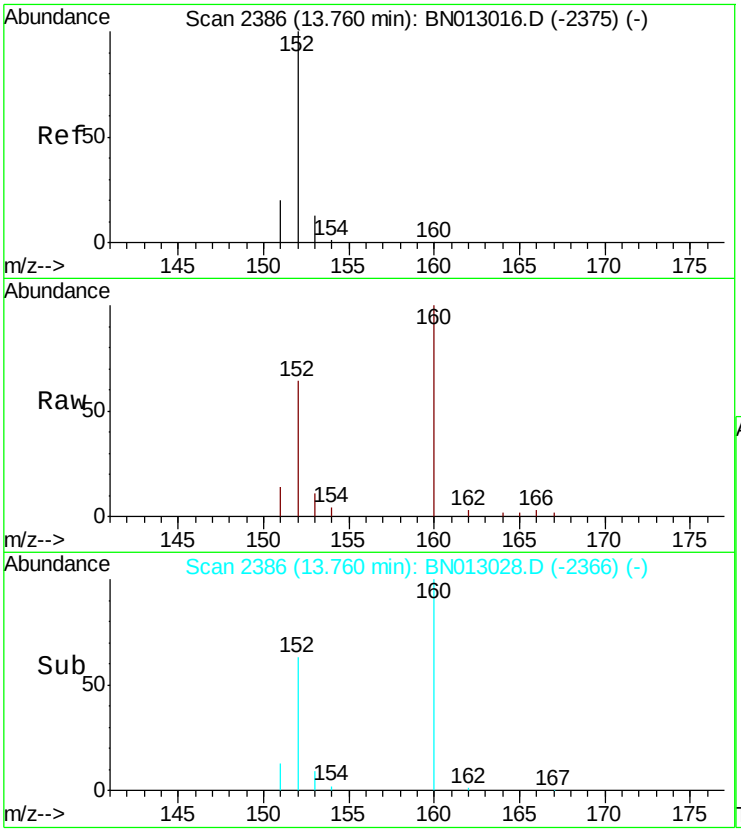


#5
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:142 Resp: 677

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6

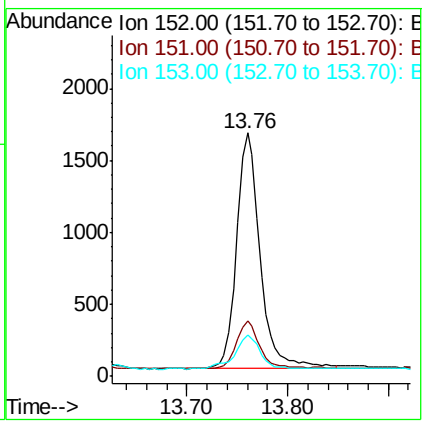




#7
Acenaphthylene
Concen: 0.191 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:152 Resp: 2661

Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.2	27.4
153	16.8	13.1	19.7



Instrument :
BNA_N
ClientSampleId :
C0AX3

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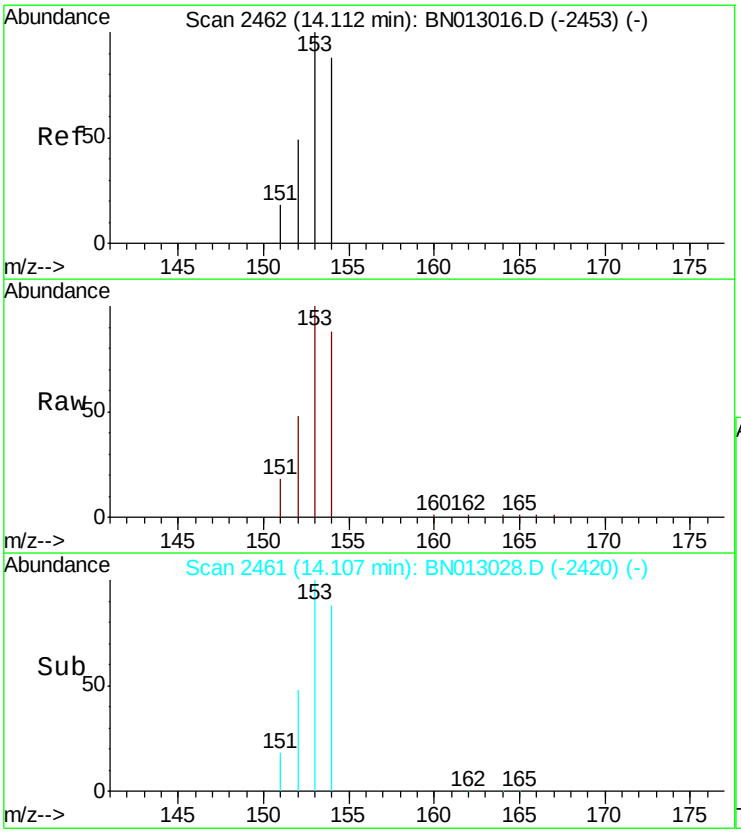
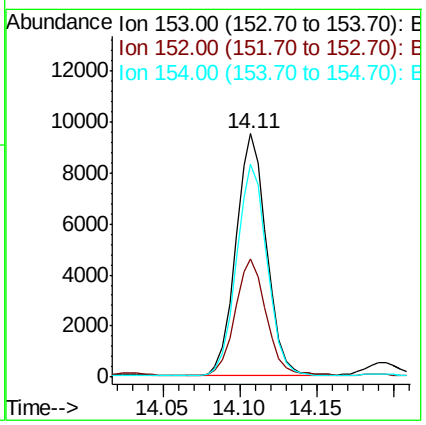
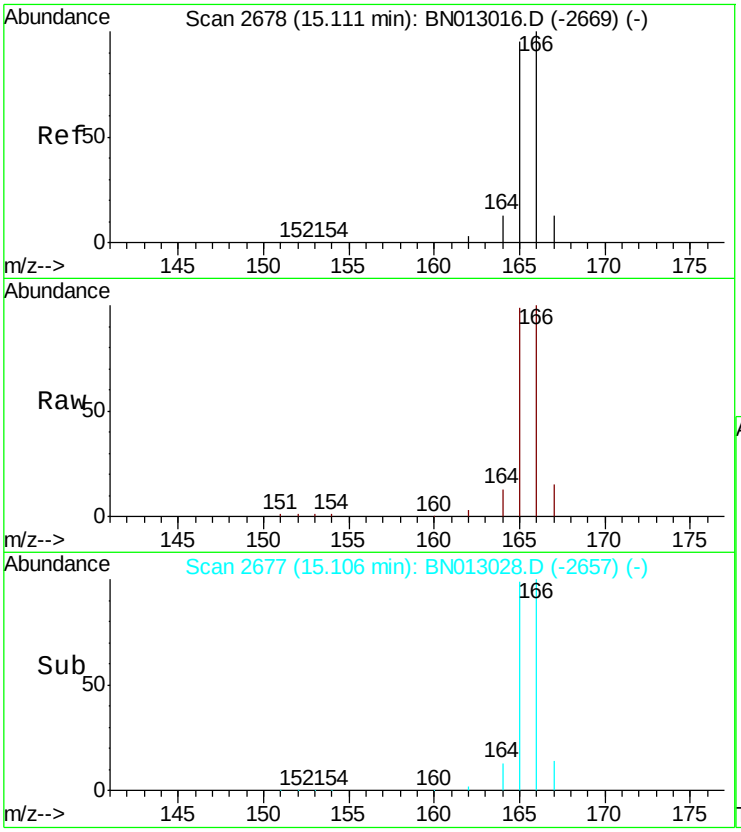


#8
Acenaphthene
Concen: 1.156 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:153 Resp: 13181

Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.7	61.1
154	87.7	70.8	106.2





#9
Fluorene
Concen: 1.331 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:166 Resp: 17410

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	14.9	13.8	20.8

Instrument :
BNA_N
ClientSampleId :
C0AX3

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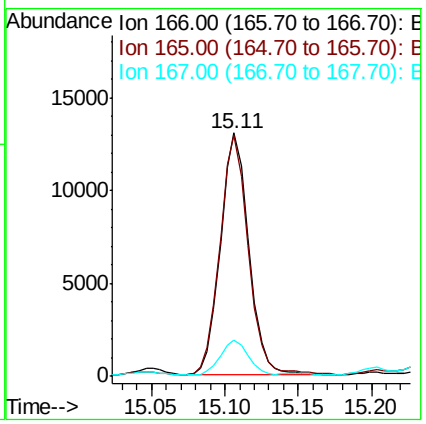
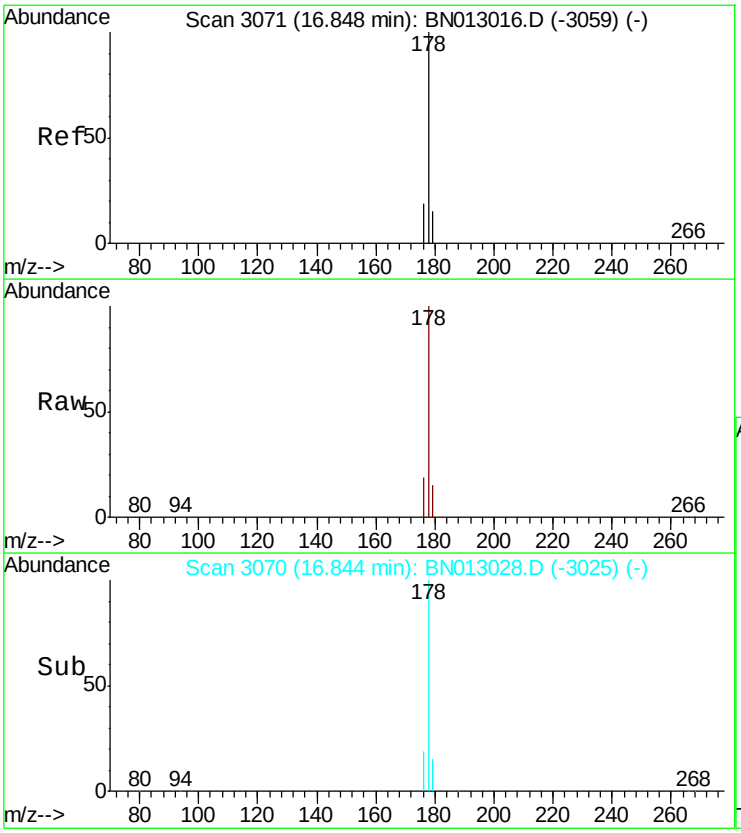
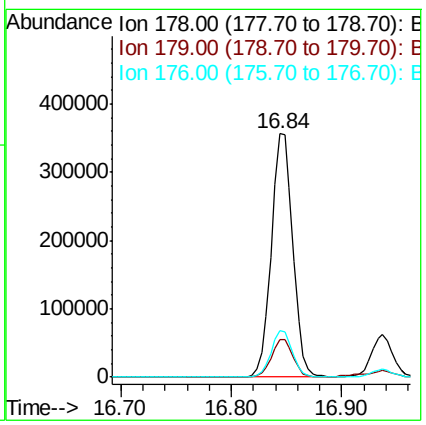


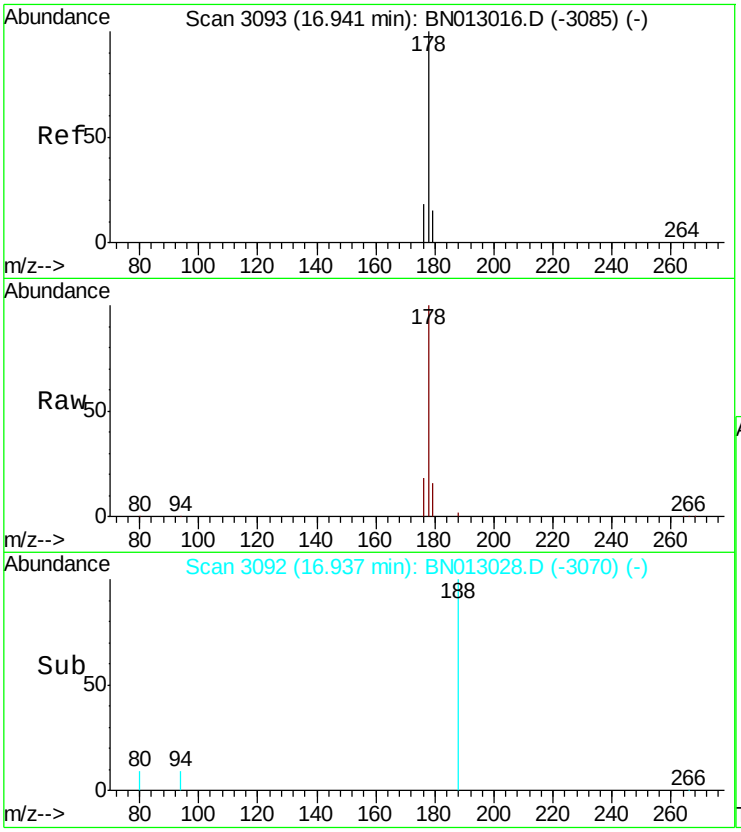


#12
Phenanthrene
Concen: 22.269 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:178 Resp: 479131

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.1	16.4	24.6

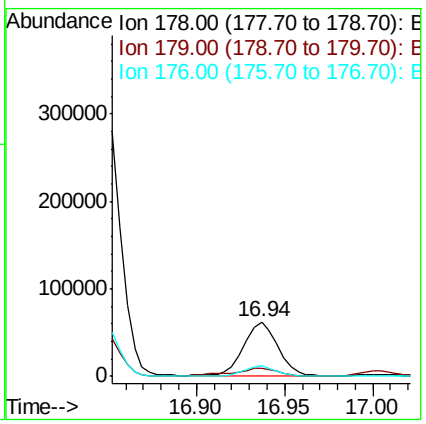




#13
Anthracene
Concen: 4.492 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:178 Resp: 82253

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.6	21.8
176	18.5	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0AX3

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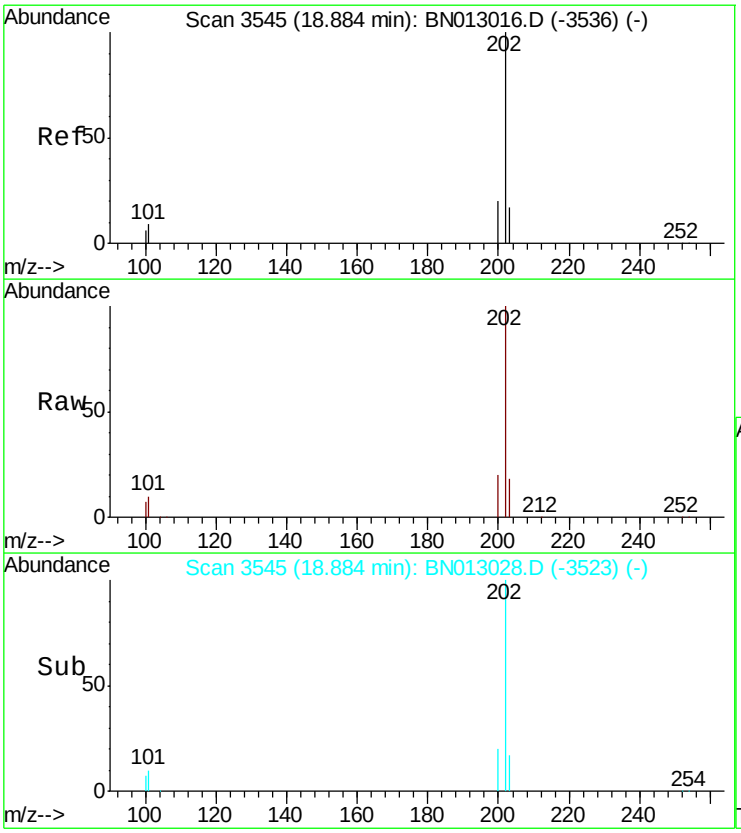
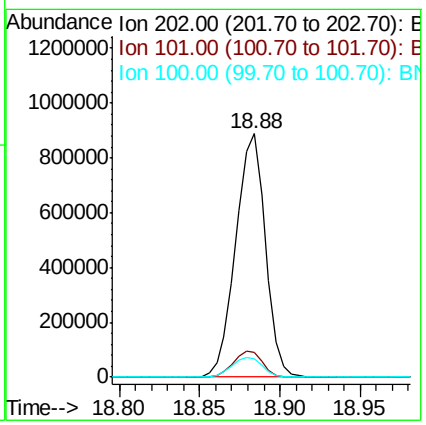
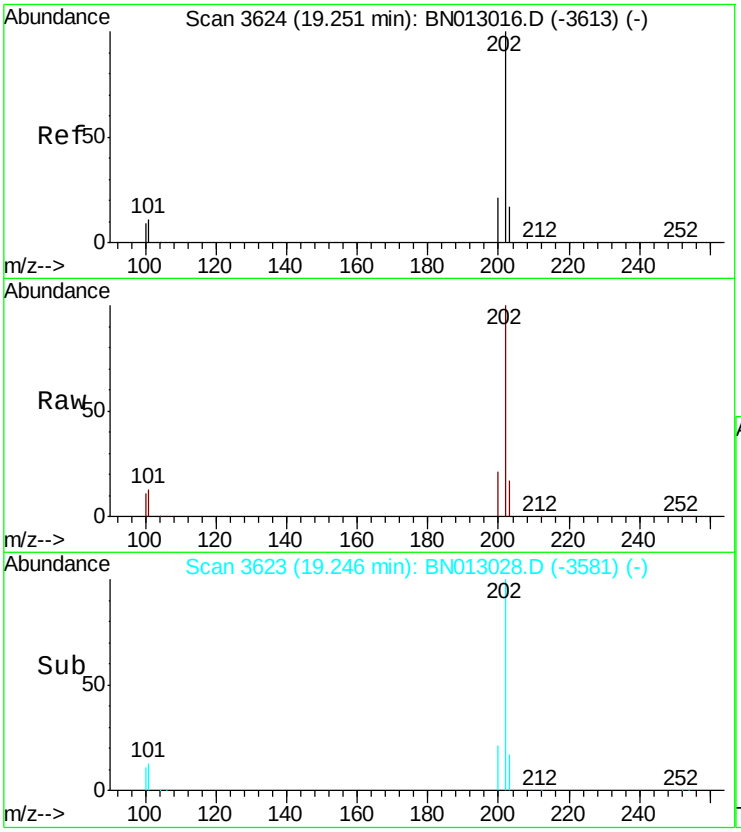


#15
Fluoranthene
Concen: 44.460 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:202 Resp: 1136720

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.6
100	7.5	0.0	28.7

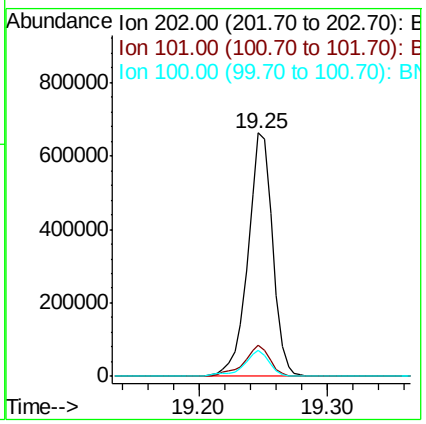




#17
Pyrene
Concen: 33.697 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:202 Resp: 879869

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.1	13.7
100	10.7	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0AX3

Manual Integrations APPROVED
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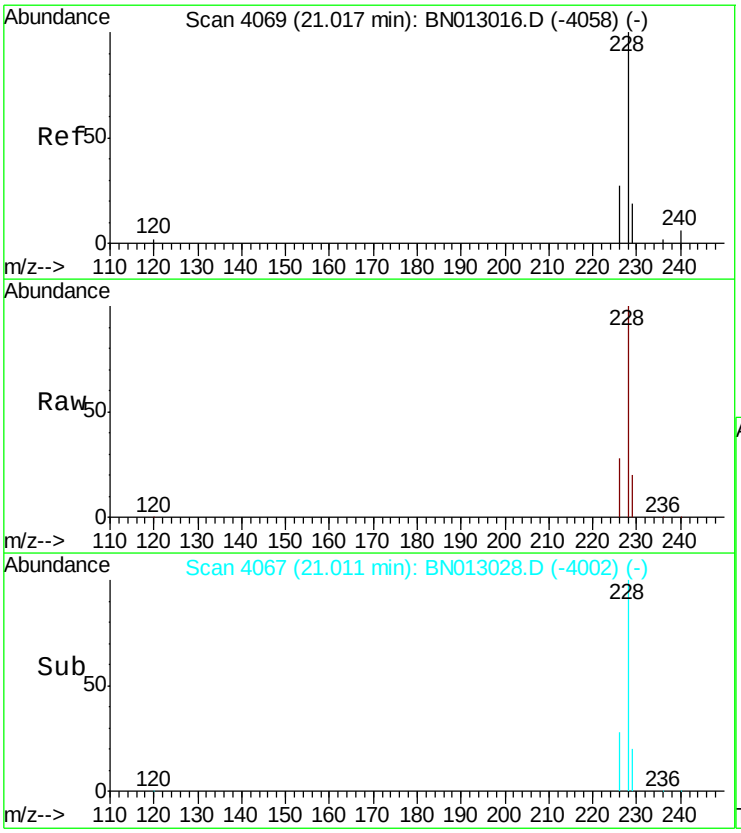
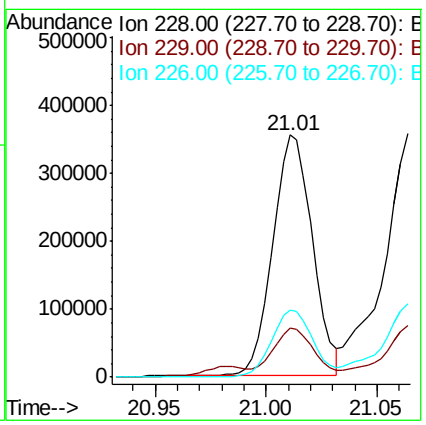
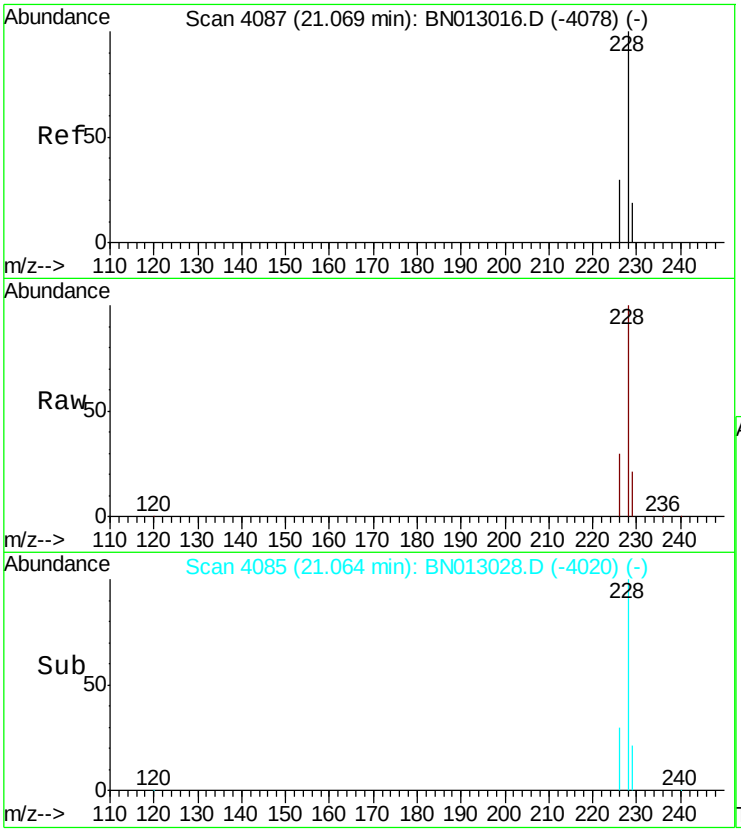


#18
Benzo(a)anthracene
Concen: 19.113 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:228 Resp: 437128

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	27.9	23.4	35.2

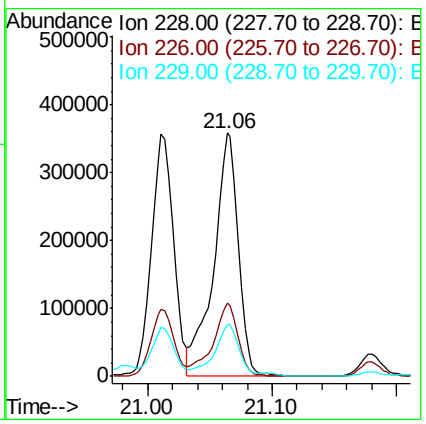




#19
Chrysene
Concen: 19.432 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:228 Resp: 491058

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.3	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AX3

Manual Integrations APPROVED
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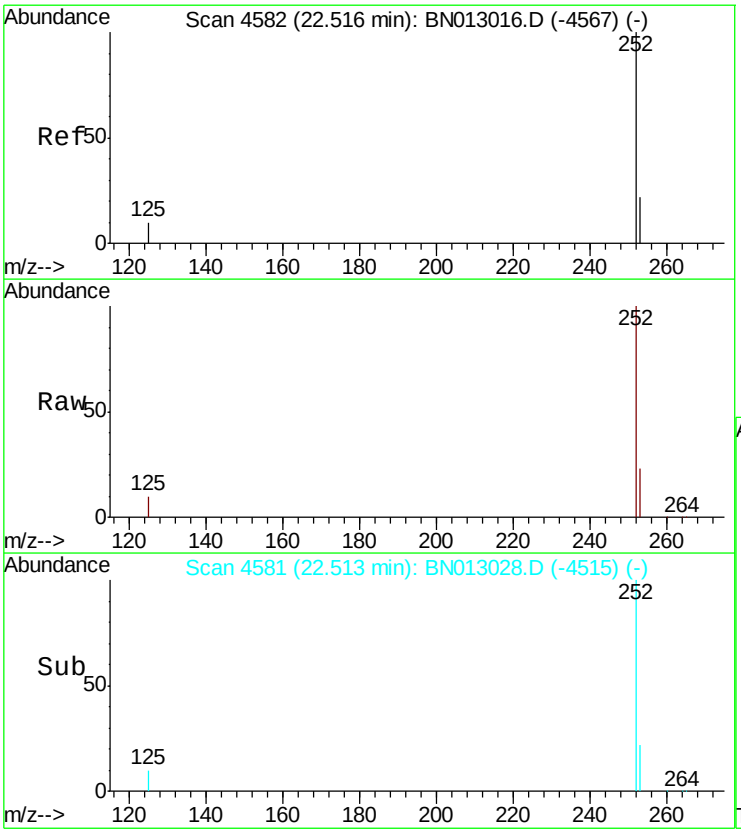
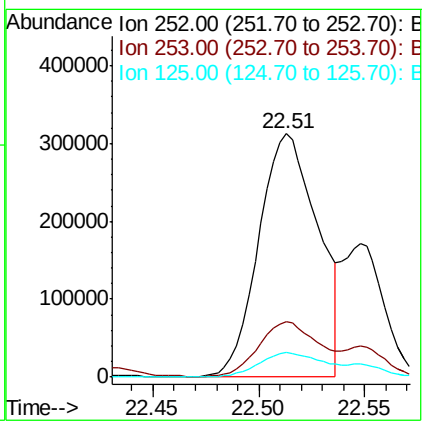
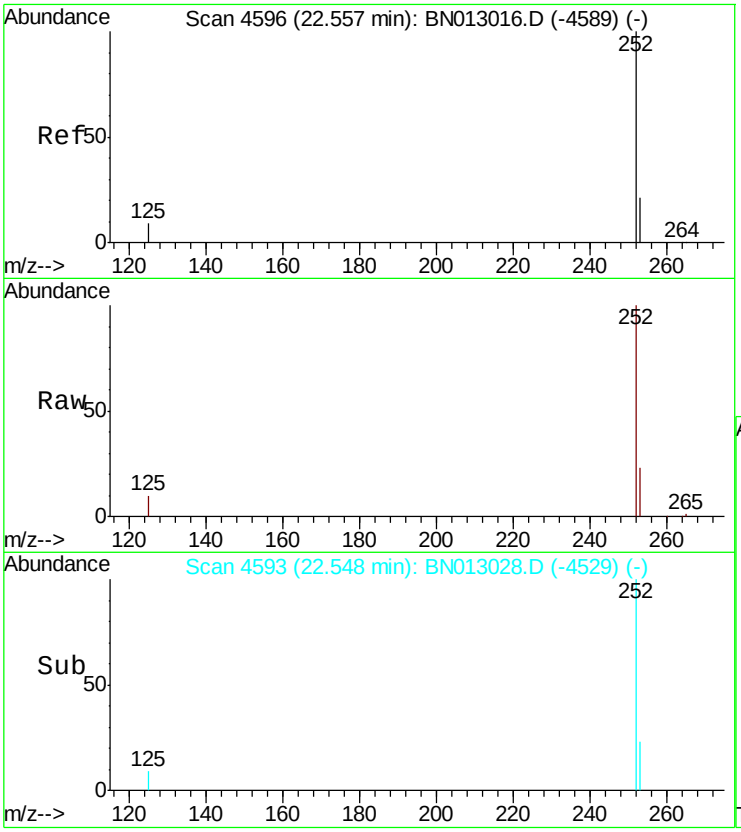


#21
Benzo(b)fluoranthene
Concen: 23.220 ng/ul m
RT: 22.51 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:252 Resp: 606395

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	59.6
125	9.9	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 7.902 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:252 Resp: 228095

Ion	Ratio	Lower	Upper
252	100		
253	23.4	23.4	35.2#
125	9.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AX3

Manual Integrations APPROVED
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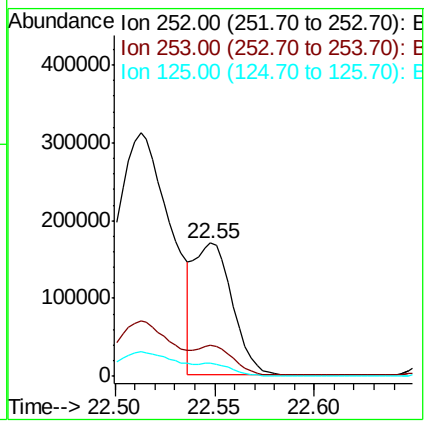
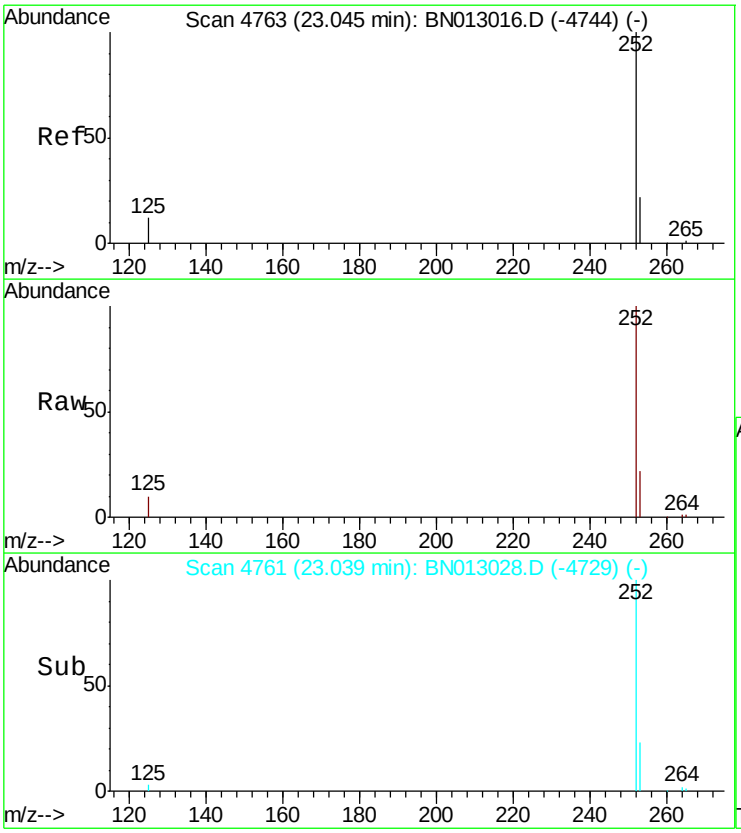
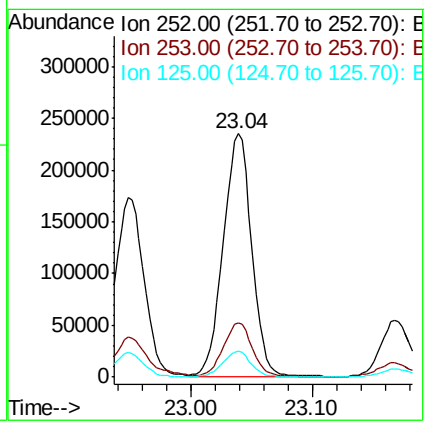


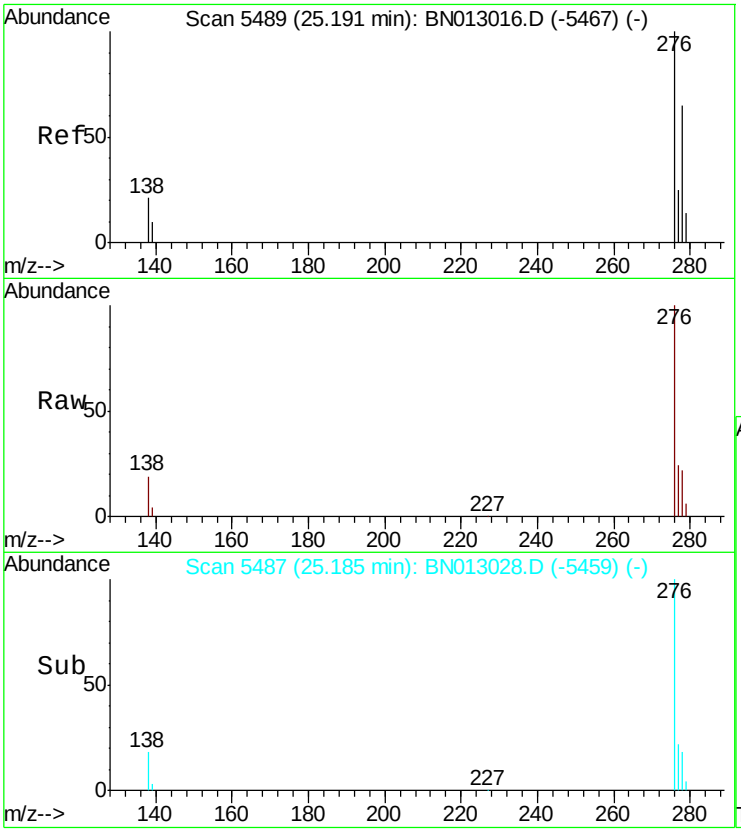


#23
Benzo(a)pyrene
Concen: 15.631 ng/ul
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:252 Resp: 378778

Ion	Ratio	Lower	Upper
252	100		
253	22.2	26.5	39.7#
125	10.4	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 8.068 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:276 Resp: 256796

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.2	24.2
227	0.2	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AX3

Manual Integrations APPROVED
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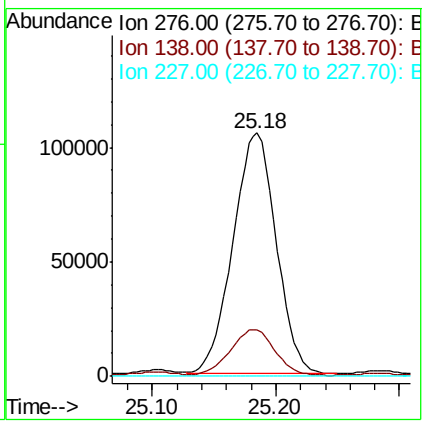
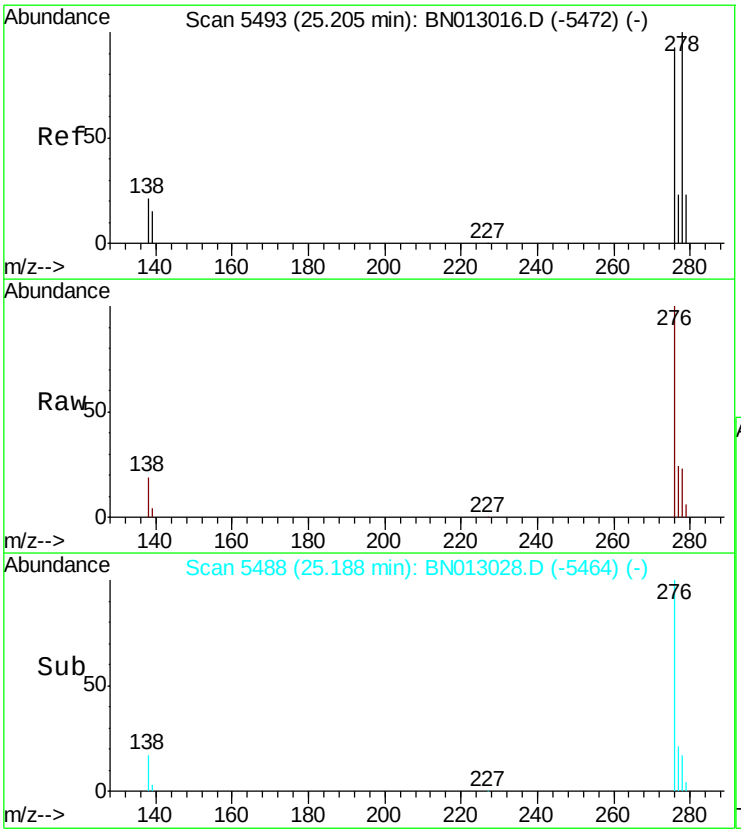
12/11/2020 1:18:28 PM

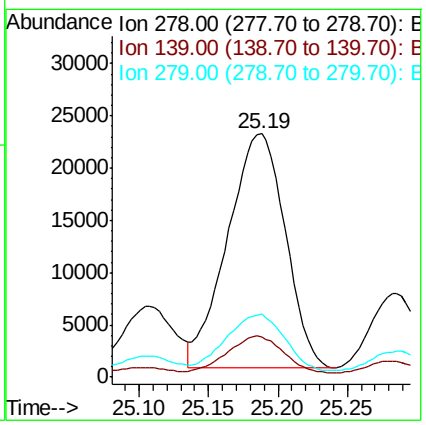


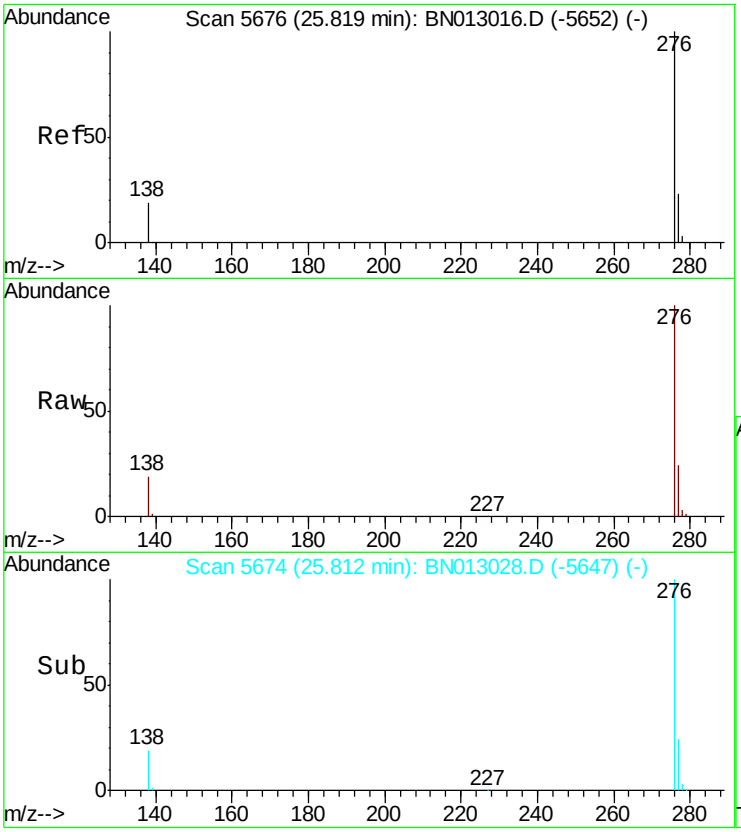


#25
Dibenzo(a,h)anthracene
Concen: 2.578 ng/ul m
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:278 Resp: 64893

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.5	21.7
279	25.8	26.3	39.5#

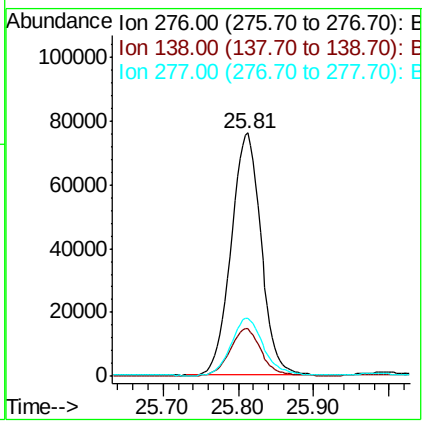




#26
Benzo(g,h,i)perylene
Concen: 7.312 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN013028.D
Acq: 10 Dec 2020 00:57

Tgt Ion:276 Resp: 210526

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.3	24.5
277	24.0	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0AX3

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:28 PM