Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013025.D
Acq On : 09 Dec 2020 23:09
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BJ1

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:14 PM

Quant Time: Dec 10 01:49:13 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	763	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3378	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2028	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4497	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	4140	0.40	ng/ul	-0.01
20) Perylene-d12	23.12	264	4053	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	759	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2053	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	317	0.032	ng/ul#	68
5) 2-Methylnaphthalene	11.82	142	180	0.028	ng/ul	97
7) Acenaphthylene	13.76	152	793	0.083	ng/ul#	89
8) Acenaphthene	14.11	153	478	0.061	ng/ul	94
9) Fluorene	15.11	166	619	0.069	ng/ul#	97
12) Phenanthrene	16.84	178	20512	1.360	ng/ul	97
13) Anthracene	16.94	178	1878	0.146	ng/ul	97
15) Fluoranthene	18.88	202	57299	3.198	ng/ul	97
17) Pyrene	19.24	202	47692	2.439	ng/ul	98
18) Benzo(a)anthracene	21.01	228	22171	1.294	ng/ul	99
19) Chrysene	21.06	228	32512	1.718	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	40968m	2.185	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	14057m	0.678	ng/ul	
23) Benzo(a)pyrene	23.03	252	23997	1.379	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.17	276	16439	0.719	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	4378	0.242	ng/ul#	94
26) Benzo(g,h,i)perylene	25.81	276	13600	0.658	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013025.D
Acq On : 09 Dec 2020 23:09
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 95 Sample Multiplier: 1

Quant Time: Dec 10 01:49:13 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

Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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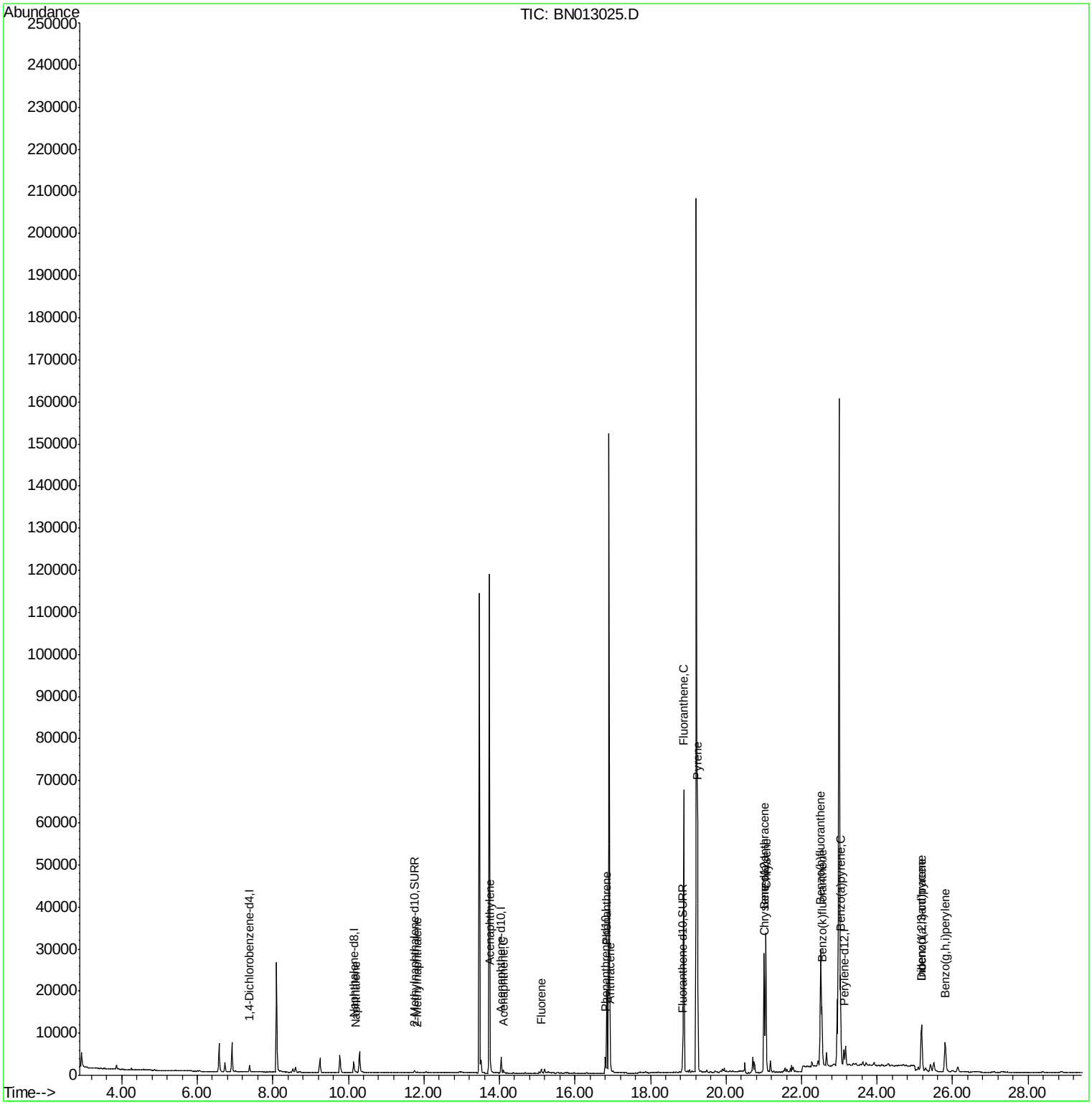

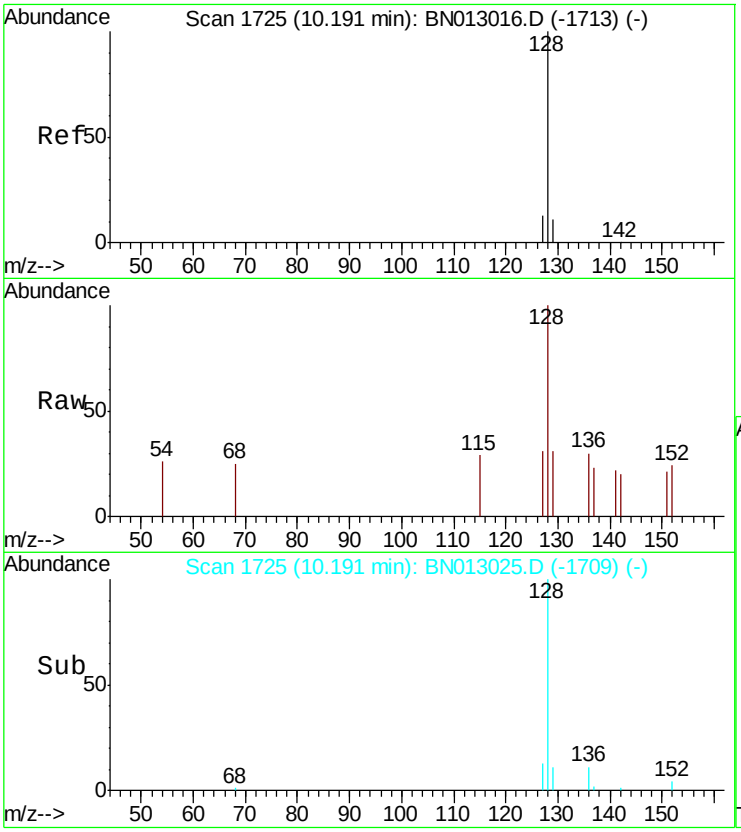

#3
Naphthalene
Concen: 0.032 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:128 Resp: 317

Ion	Ratio	Lower	Upper
128	100		
129	30.6	12.3	18.5#
127	30.6	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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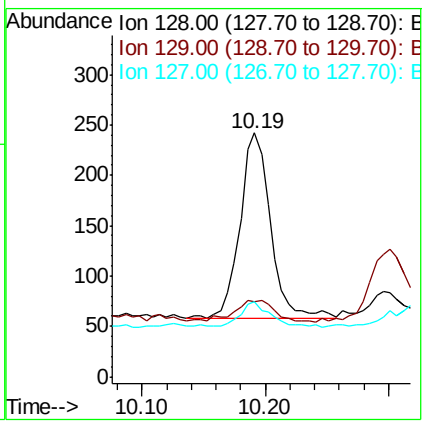
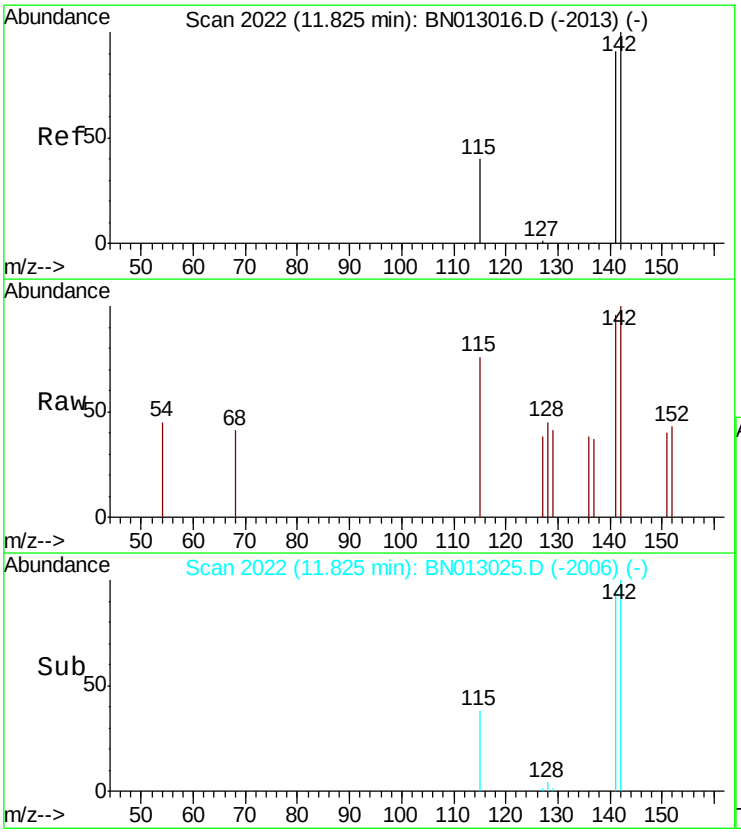
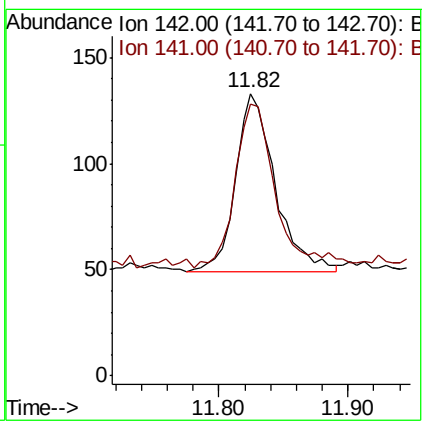


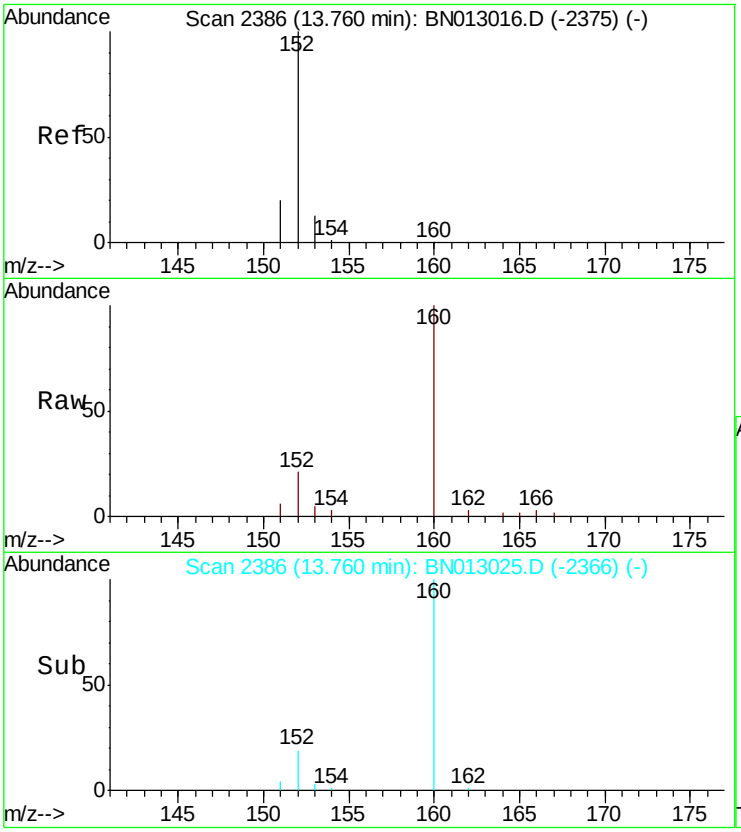


#5
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:142 Resp: 180

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.0	109.6





#7
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:152 Resp: 793

Ion	Ratio	Lower	Upper
152	100		
151	27.8	18.2	27.4#
153	21.9	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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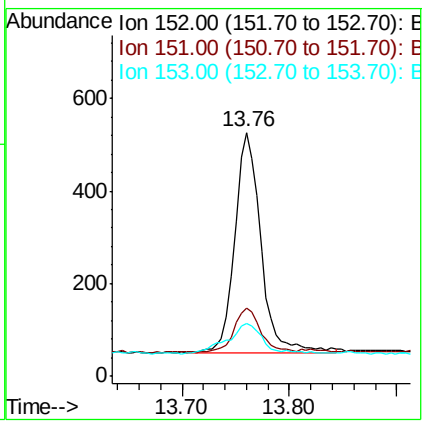
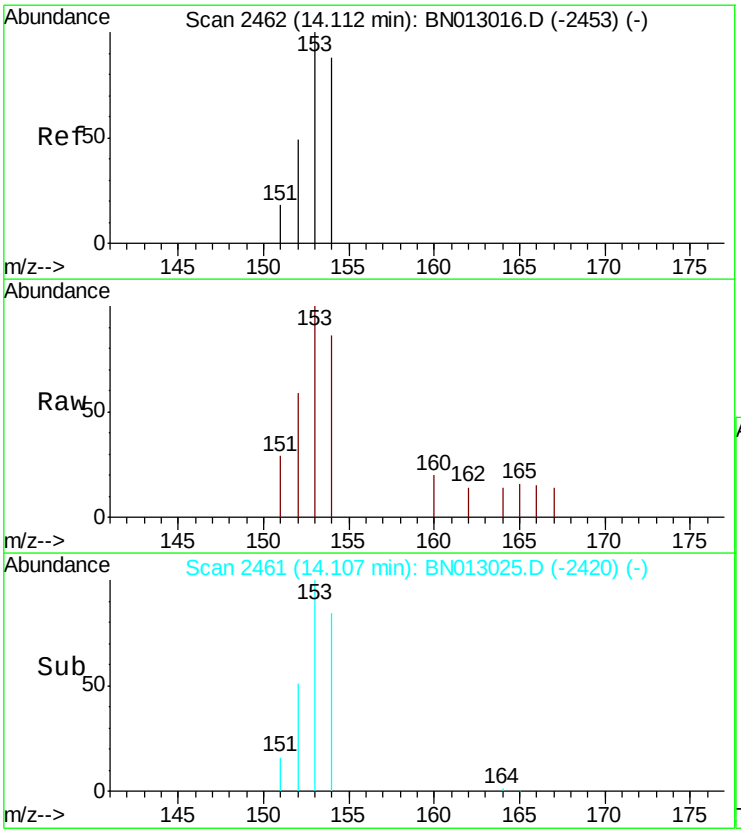
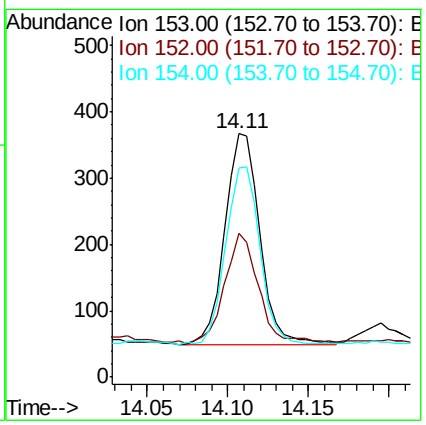


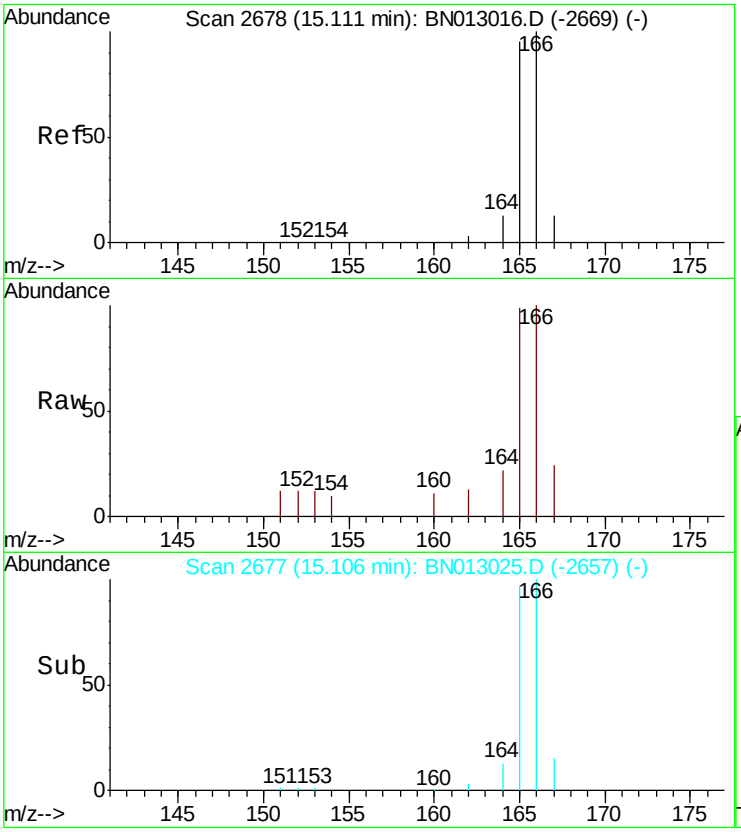


#8
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:153 Resp: 478

Ion	Ratio	Lower	Upper
153	100		
152	59.1	40.7	61.1
154	85.8	70.8	106.2





#9
Fluorene
Concen: 0.069 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:166 Resp: 619

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	24.3	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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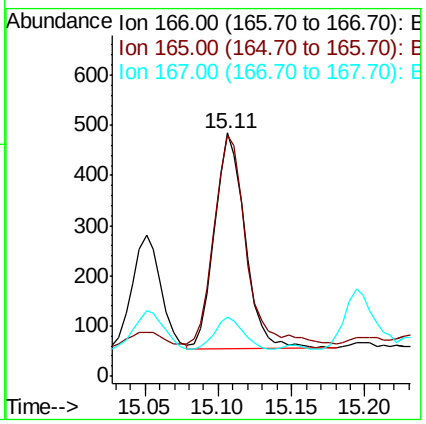
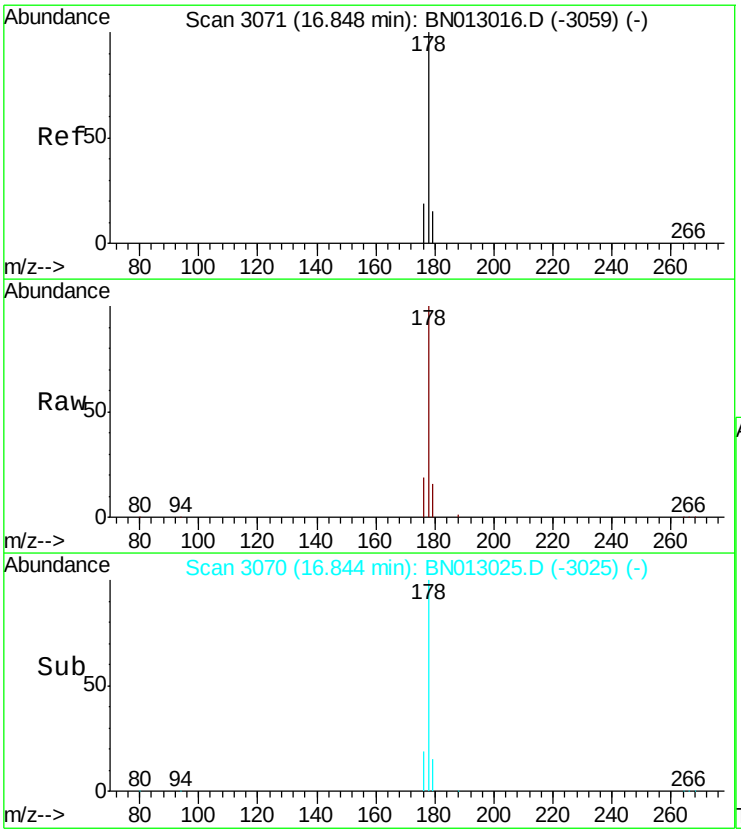
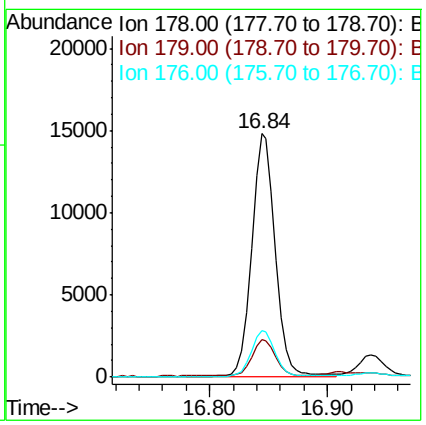


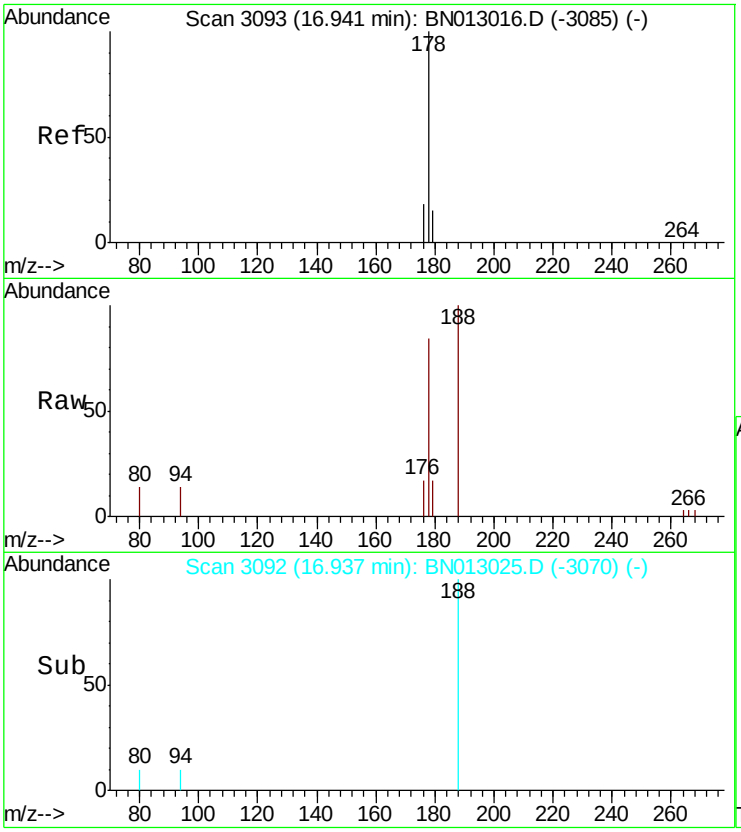


#12
Phenanthrene
Concen: 1.360 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:178 Resp: 20512

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	19.3	16.4	24.6





#13
Anthracene
Concen: 0.146 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:178 Resp: 1878

Ion	Ratio	Lower	Upper
178	100		
179	20.2	14.6	21.8
176	20.7	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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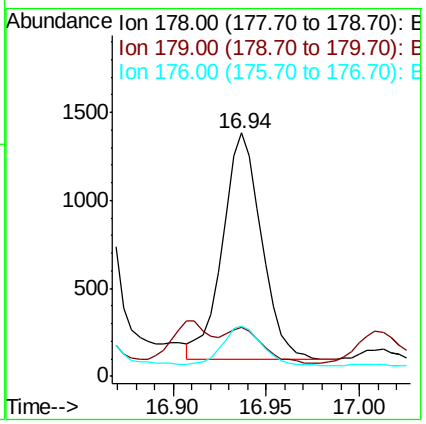
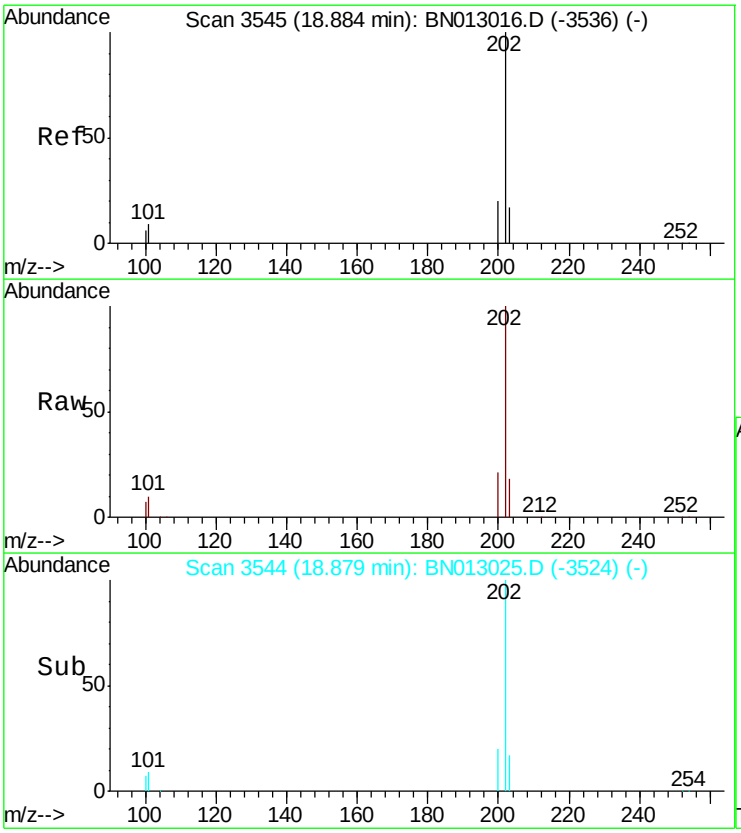
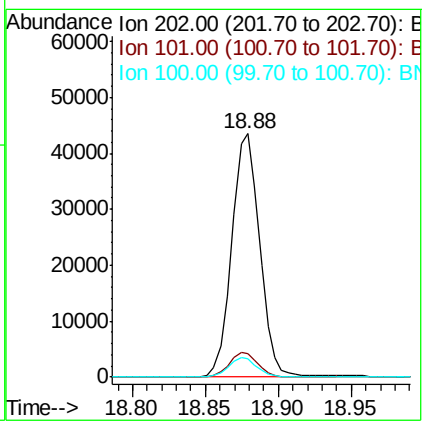


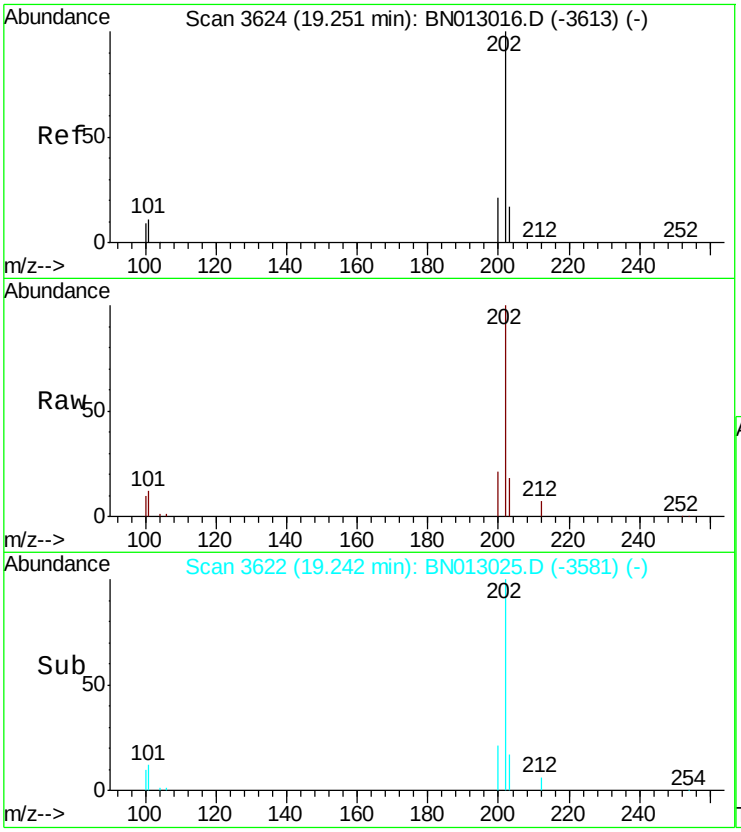


#15
Fluoranthene
Concen: 3.198 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:202 Resp: 57299

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.5	0.0	28.7





#17
Pyrene
Concen: 2.439 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:202 Resp: 47692

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	10.4	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0BJ1

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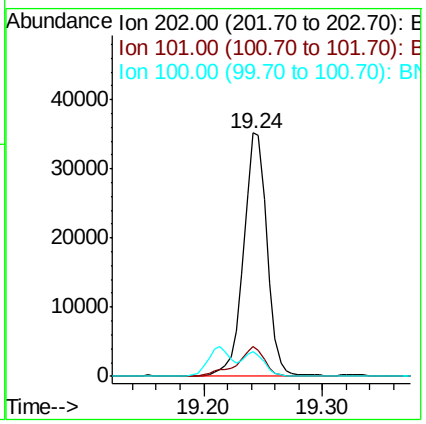
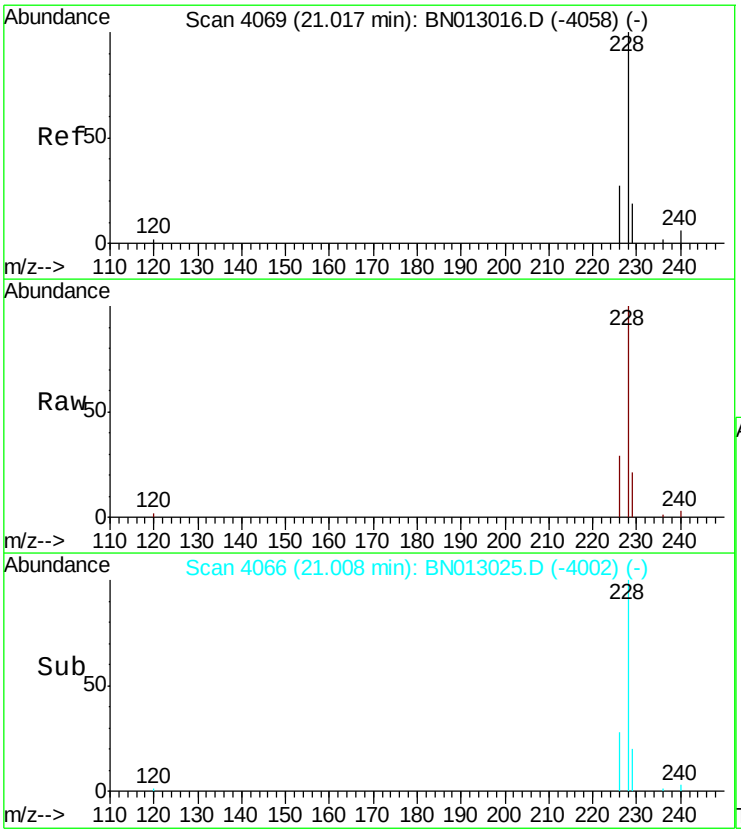
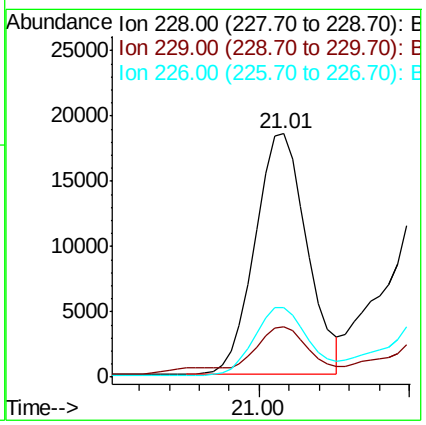


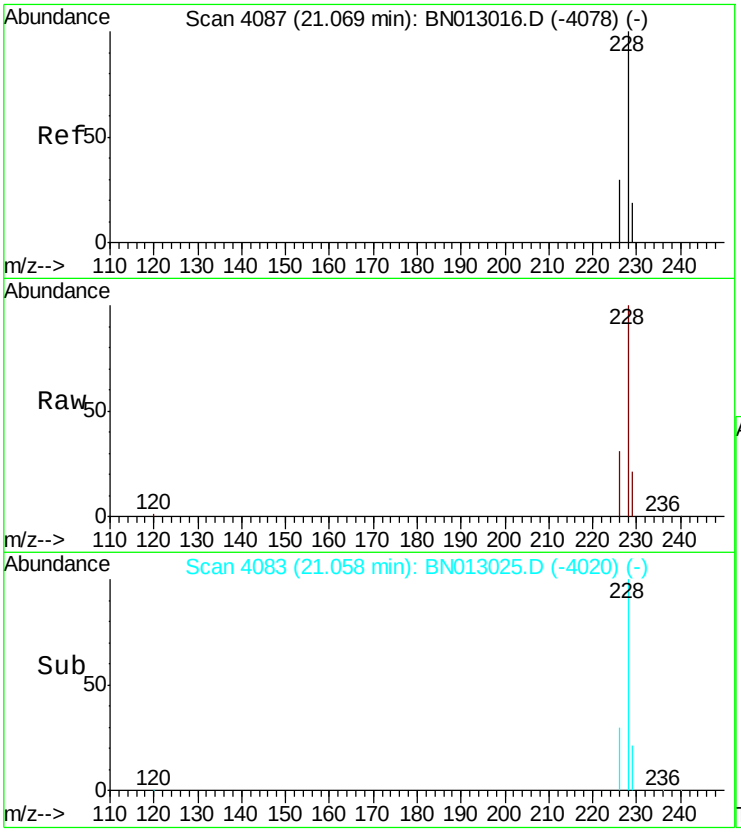


#18
Benzo(a)anthracene
Concen: 1.294 ng/ul
RT: 21.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:228 Resp: 22171

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	28.7	23.4	35.2

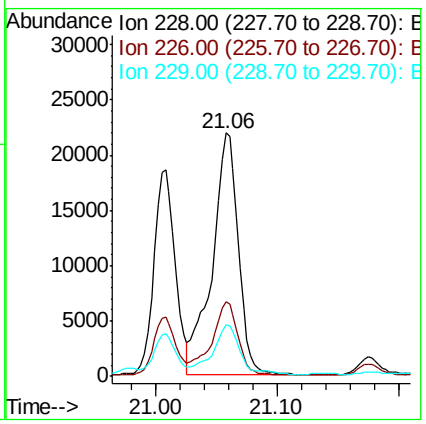




#19
Chrysene
Concen: 1.718 ng/ul
RT: 21.06 min Scan# 4083
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:228 Resp: 32512

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.9	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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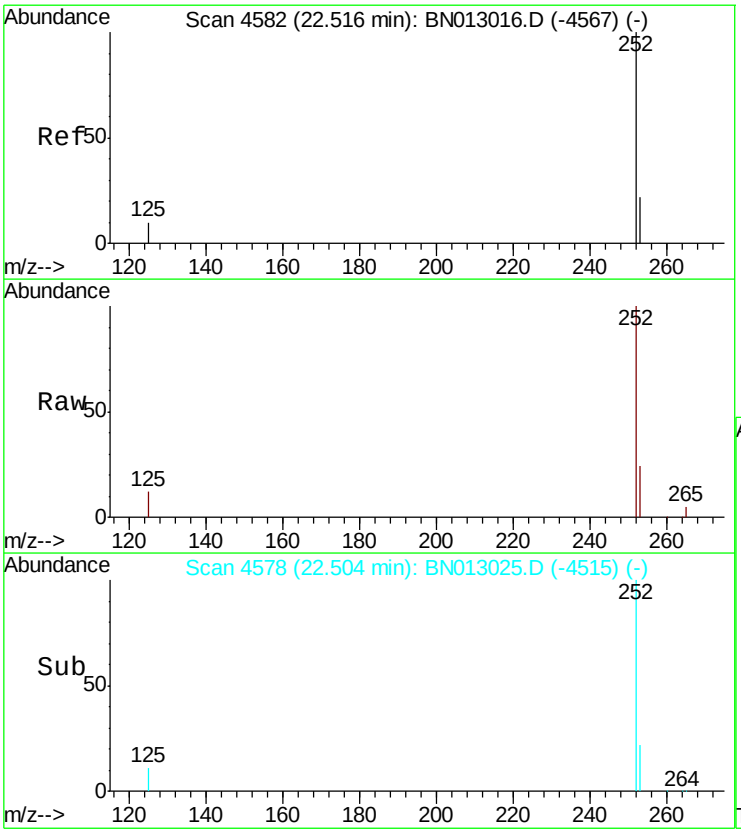
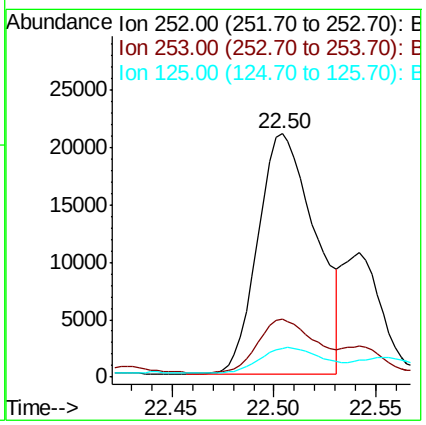
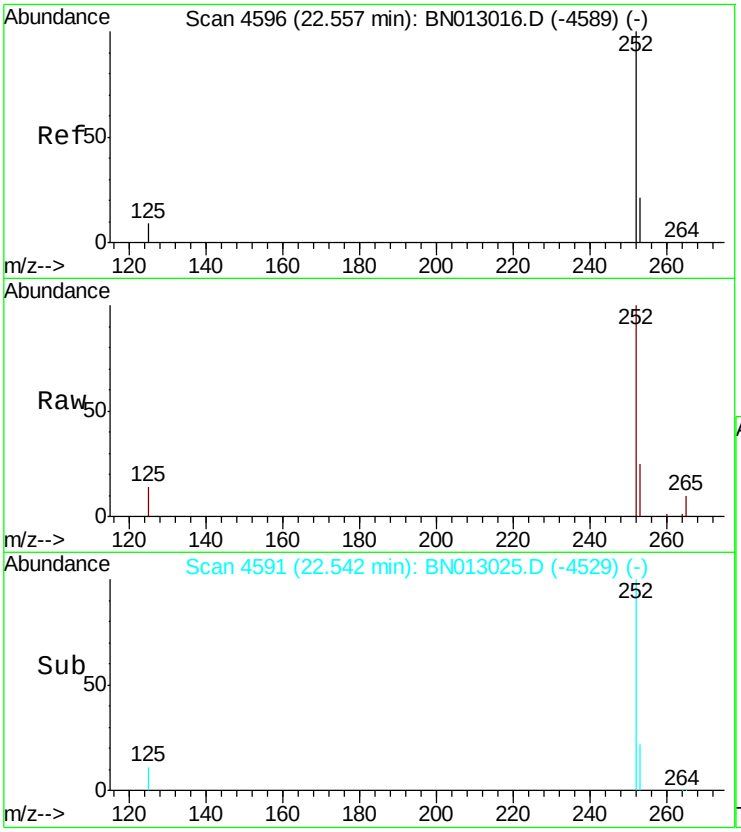


#21
Benzo(b)fluoranthene
Concen: 2.185 ng/ul m
RT: 22.50 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:252 Resp: 40968

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	59.6
125	11.8	0.0	26.0

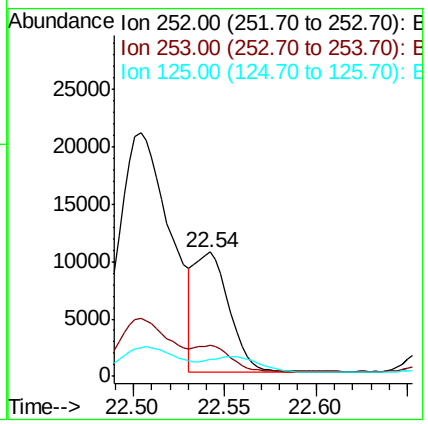




#22
Benzo(k)fluoranthene
Concen: 0.678 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. -0.02 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:252 Resp: 14057

Ion	Ratio	Lower	Upper
252	100		
253	25.0	23.4	35.2
125	13.9	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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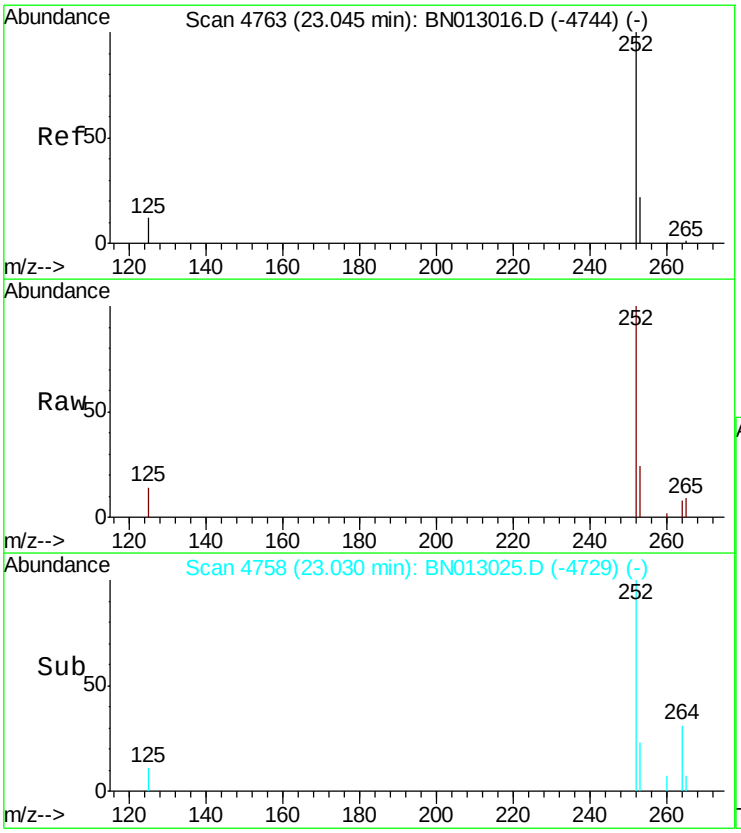
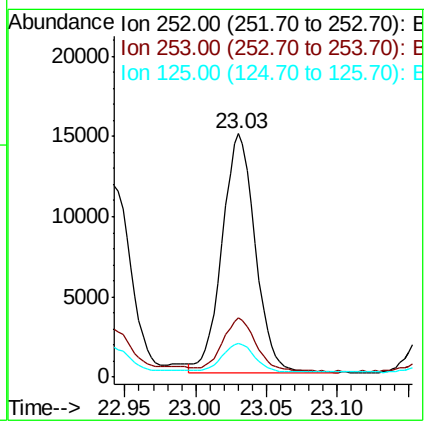
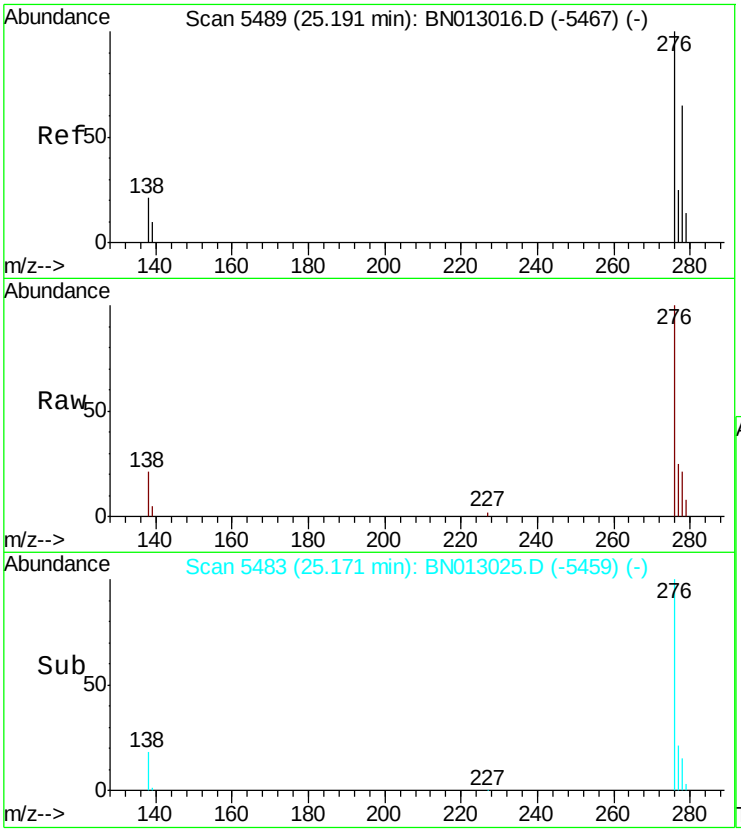


#23
Benzo(a)pyrene
Concen: 1.379 ng/ul
RT: 23.03 min Scan# 4758
Delta R.T. -0.01 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:252 Resp: 23997

Ion	Ratio	Lower	Upper
252	100		
253	24.2	26.5	39.7#
125	13.7	14.2	21.2#

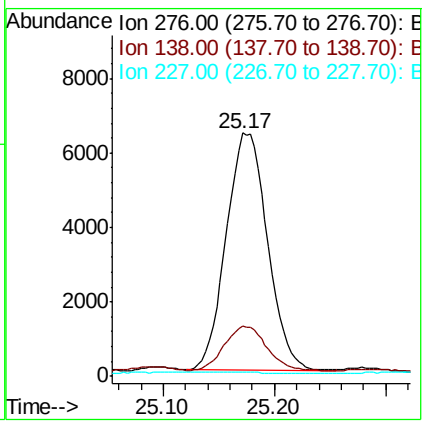




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.719 ng/ul
RT: 25.17 min Scan# 5483
Delta R.T. -0.02 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:276 Resp: 16439

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.0	0.0	0.0



Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
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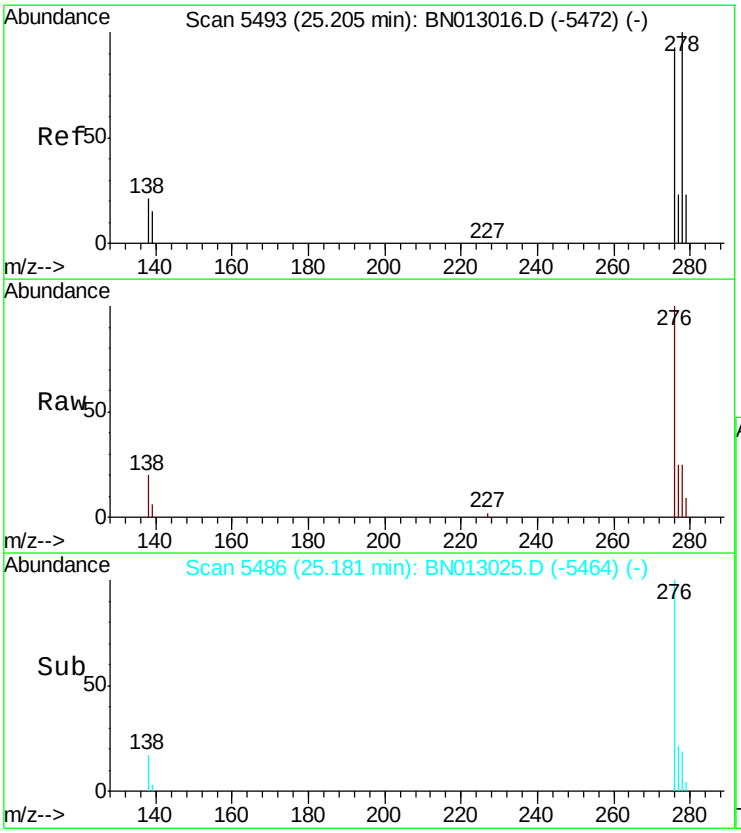
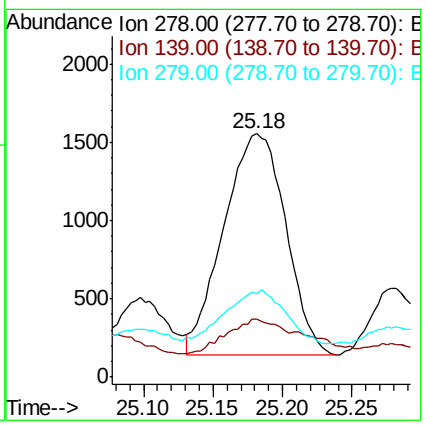
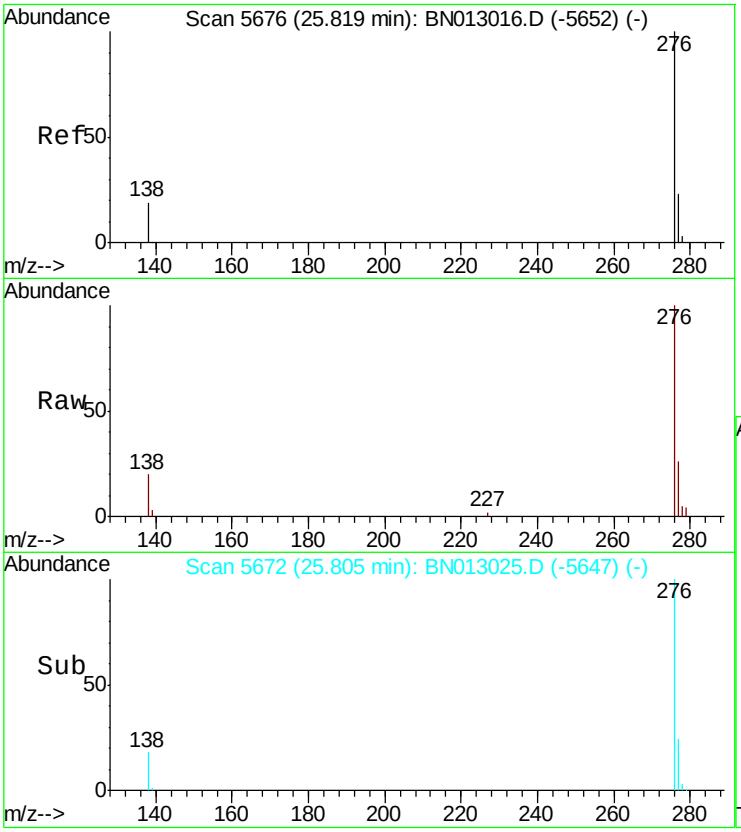


#25
Dibenzo(a,h)anthracene
Concen: 0.242 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.03 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:278 Resp: 4378

Ion	Ratio	Lower	Upper
278	100		
139	23.8	14.5	21.7#
279	34.3	26.3	39.5

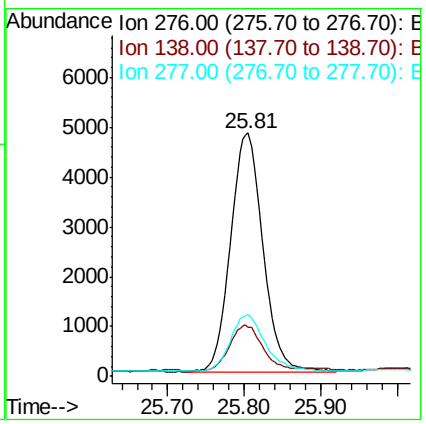




#26
Benzo(g,h,i)perylene
Concen: 0.658 ng/ul
RT: 25.81 min Scan# 5672
Delta R.T. -0.02 min
Lab File: BN013025.D
Acq: 09 Dec 2020 23:09

Tgt Ion:276 Resp: 13600

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.3	24.5
277	25.6	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:14 PM