Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013007.D
Acq On : 09 Dec 2020 11:26
Operator : CG/JU
Sample : L4942-04DL 5X
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B96DL

Manual Integrations APPROVED
mohammad
12/9/2020 5:39:24 PM

Quant Time: Dec 09 11:58:59 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 : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1272	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5198	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2822	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5641	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4200	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3804	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	216	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	437	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.76	152	404	0.030	ng/ul#	75
9) Fluorene	15.11	166	278	0.022	ng/ul#	88
12) Phenanthrene	16.85	178	8479	0.448	ng/ul	98
13) Anthracene	16.94	178	1546	0.096	ng/ul	95
15) Fluoranthene	18.88	202	18728	0.833	ng/ul	99
17) Pyrene	19.25	202	16869	0.850	ng/ul	98
18) Benzo(a)anthracene	21.02	228	8082	0.465	ng/ul	99
19) Chrysene	21.07	228	8526	0.444	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	10488m	0.596	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	3472m	0.178	ng/ul	
23) Benzo(a)pyrene	23.04	252	6765	0.414	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	4067	0.190	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	1043	0.061	ng/ul#	49
26) Benzo(g,h,i)perylene	25.82	276	3469	0.179	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013007.D
Acq On : 09 Dec 2020 11:26
Operator : CG/JU
Sample : L4942-04DL 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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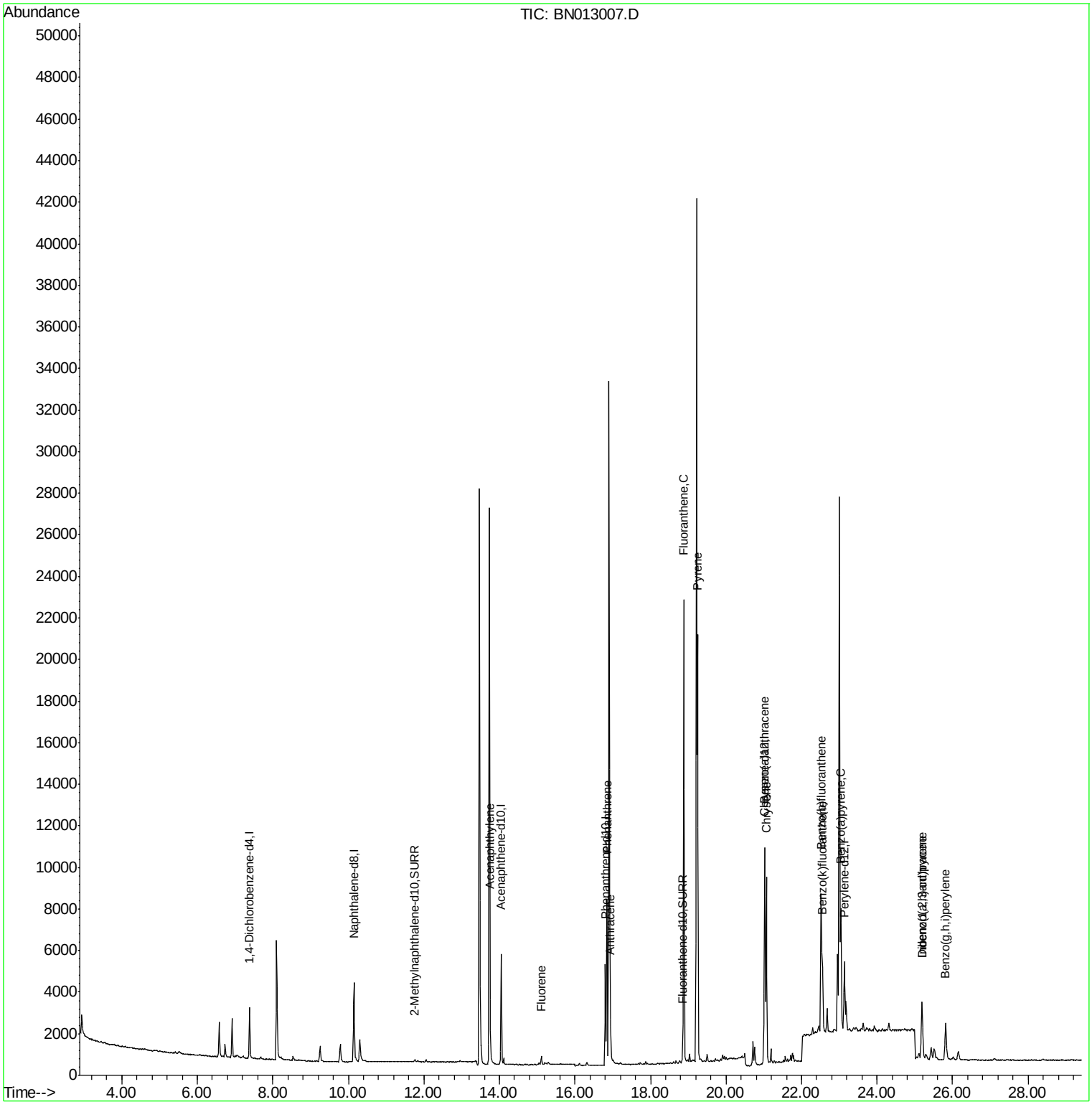

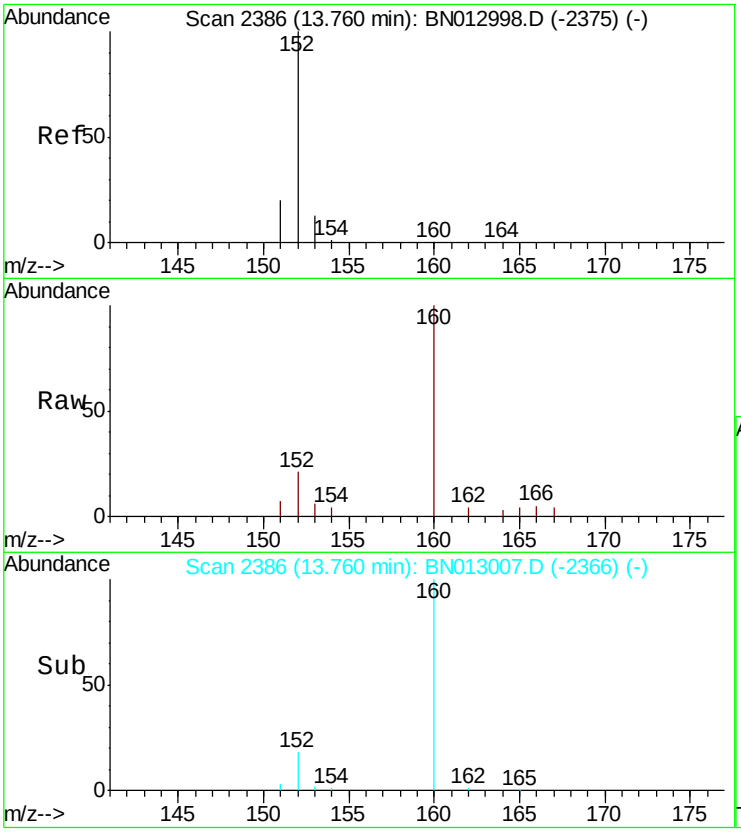

#7
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:152 Resp: 404

Ion	Ratio	Lower	Upper
152	100		
151	33.2	18.2	27.4#
153	29.0	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
C0B96DL

Manual Integrations APPROVED
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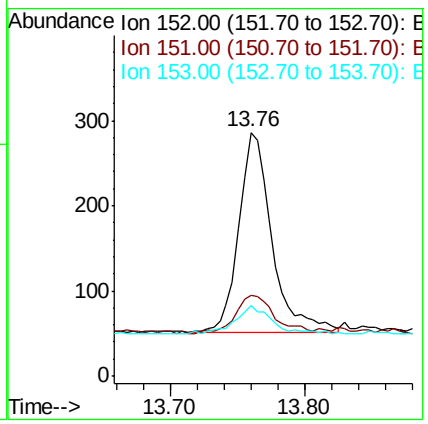
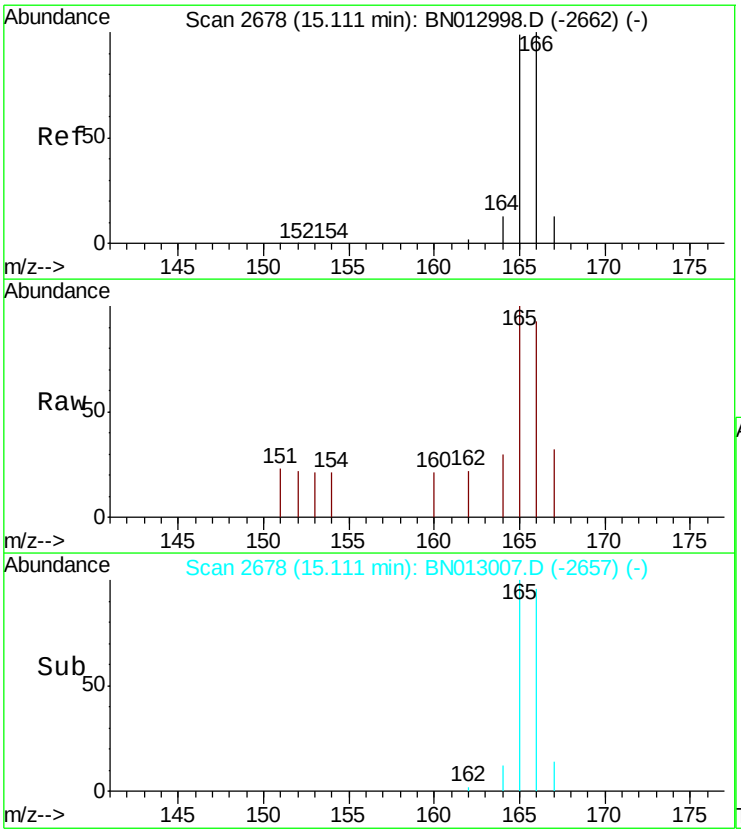
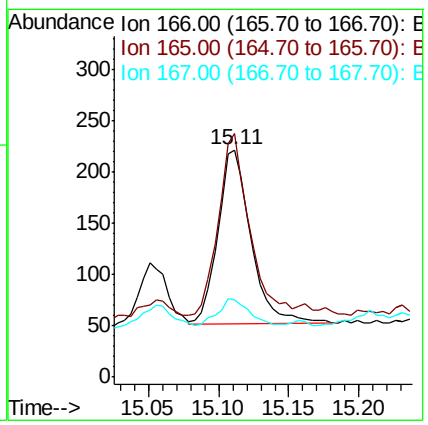


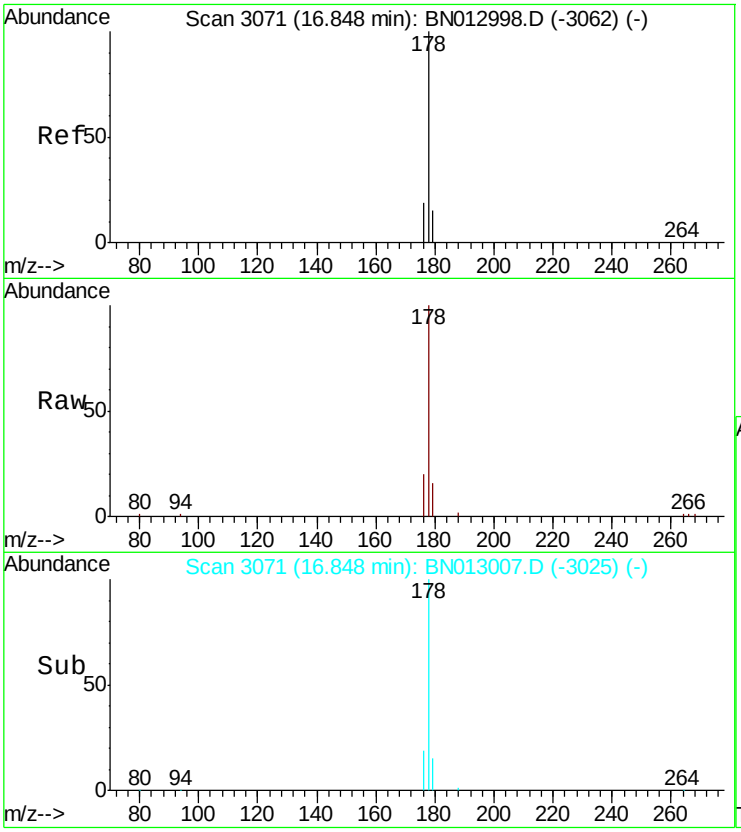


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:166 Resp: 278

Ion	Ratio	Lower	Upper
166	100		
165	107.2	79.8	119.8
167	34.2	13.8	20.8#

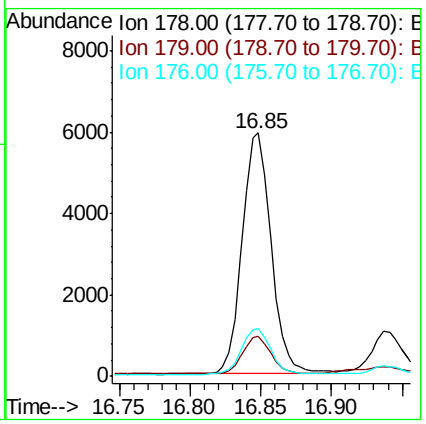




#12
Phenanthrene
Concen: 0.448 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:178 Resp: 8479

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.7	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B96DL

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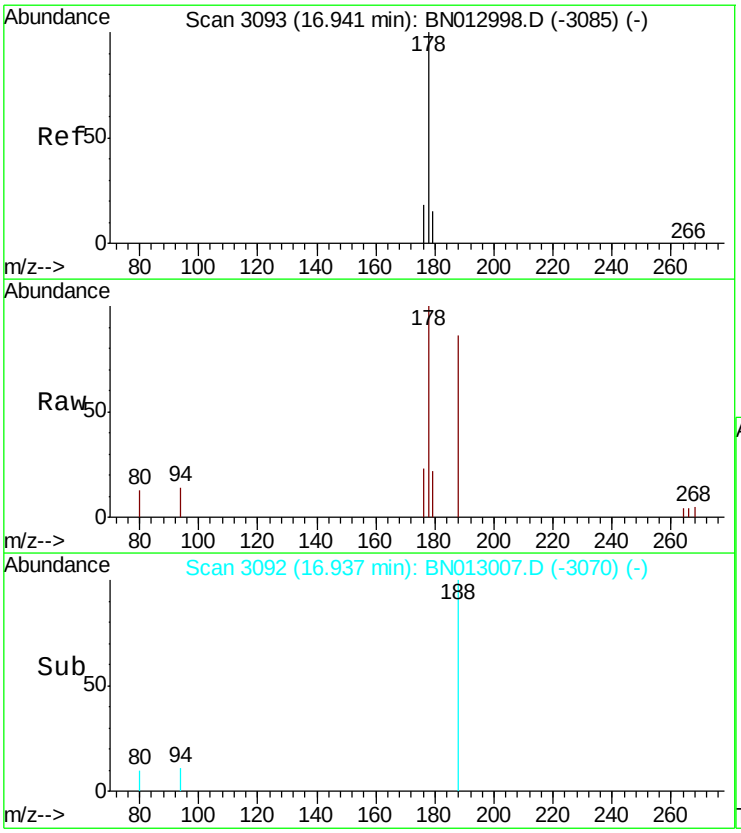
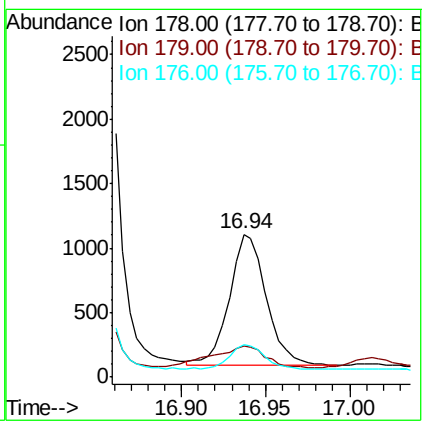
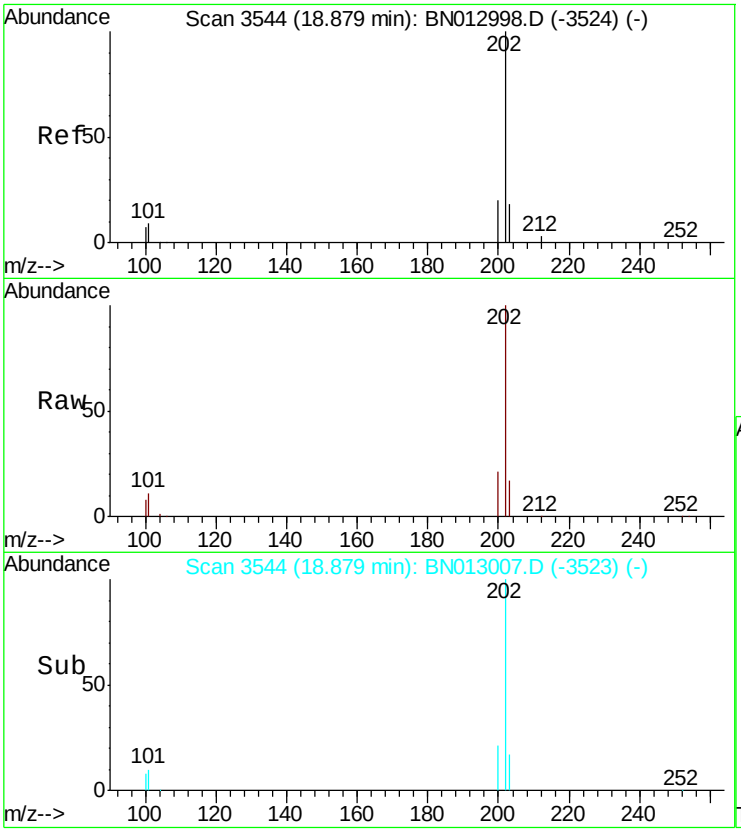


#13
Anthracene
Concen: 0.096 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:178 Resp: 1546

Ion	Ratio	Lower	Upper
178	100		
179	21.6	14.6	21.8
176	22.8	17.1	25.7

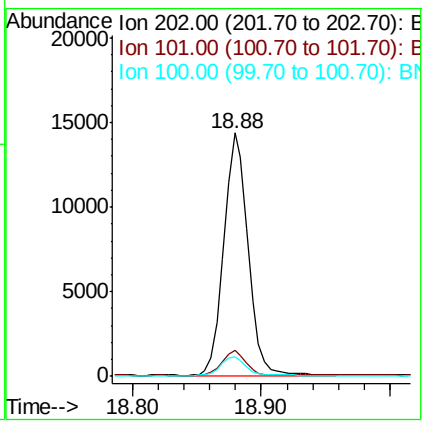




#15
Fluoranthene
Concen: 0.833 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:202 Resp: 18728

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.6
100	8.2	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0B96DL

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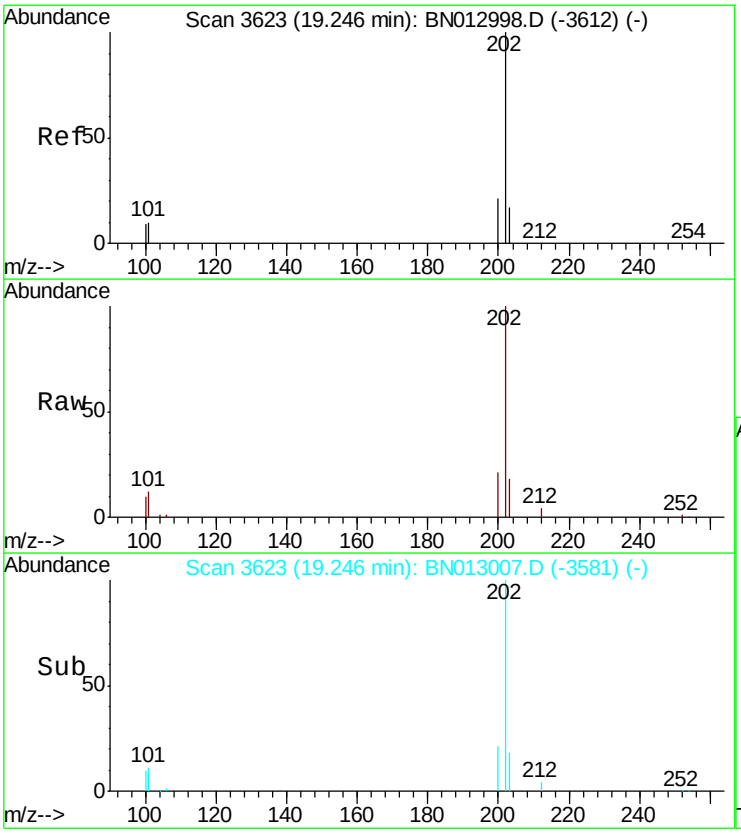
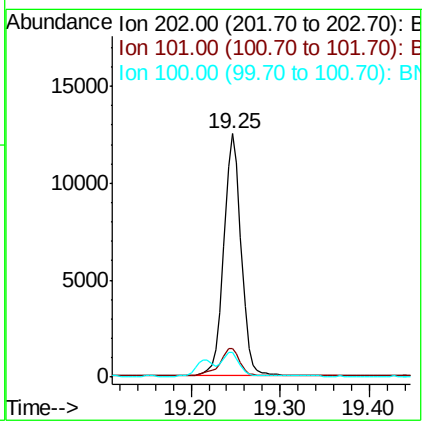
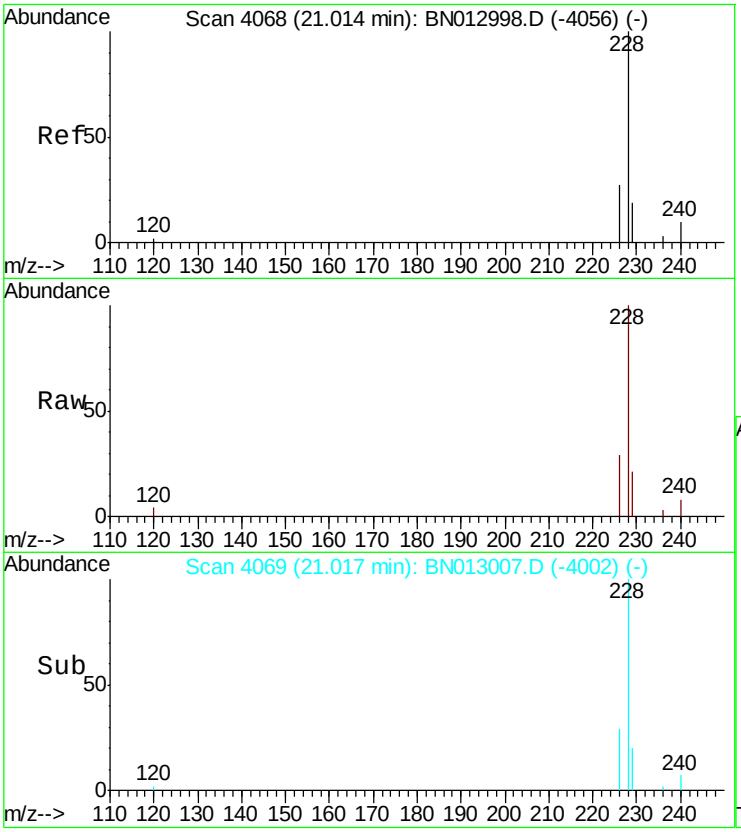


#17
Pyrene
Concen: 0.850 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:202 Resp: 16869

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.1	13.7
100	10.3	7.5	11.3

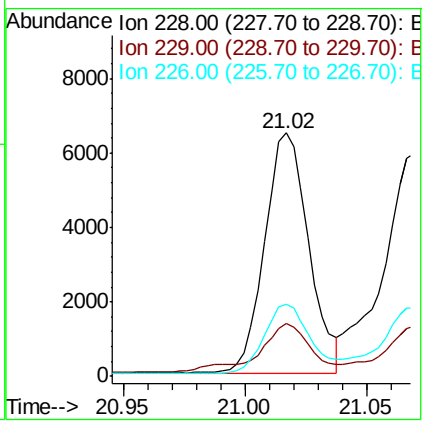




#18
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:228 Resp: 8082

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.3	24.5
226	29.5	23.4	35.2



Instrument :
BNA_N
ClientSampleId :
C0B96DL

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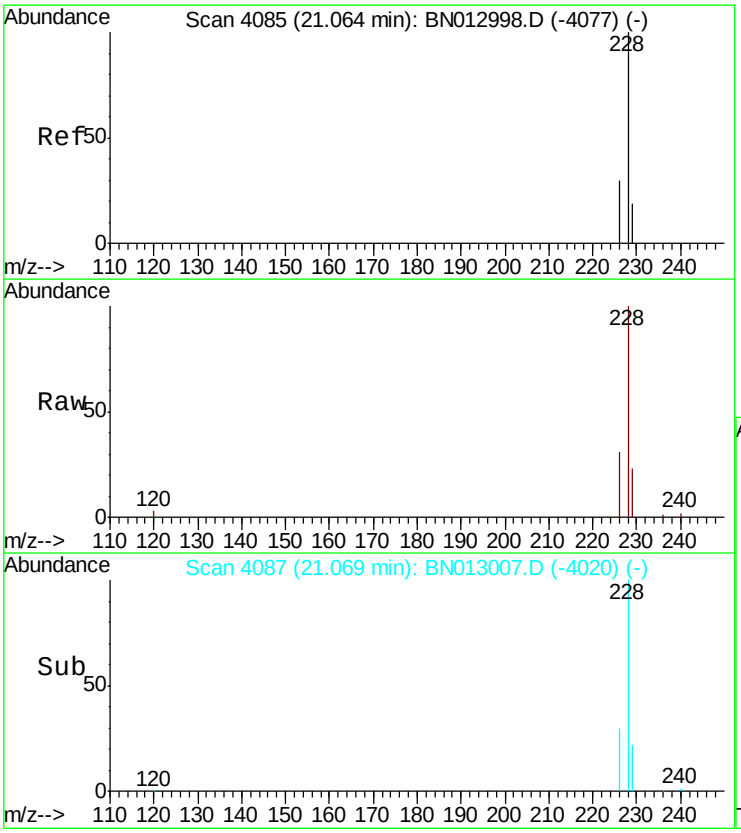
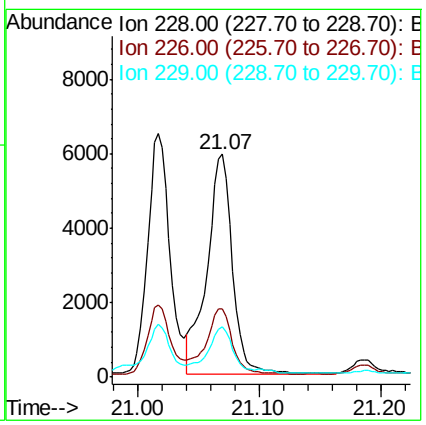
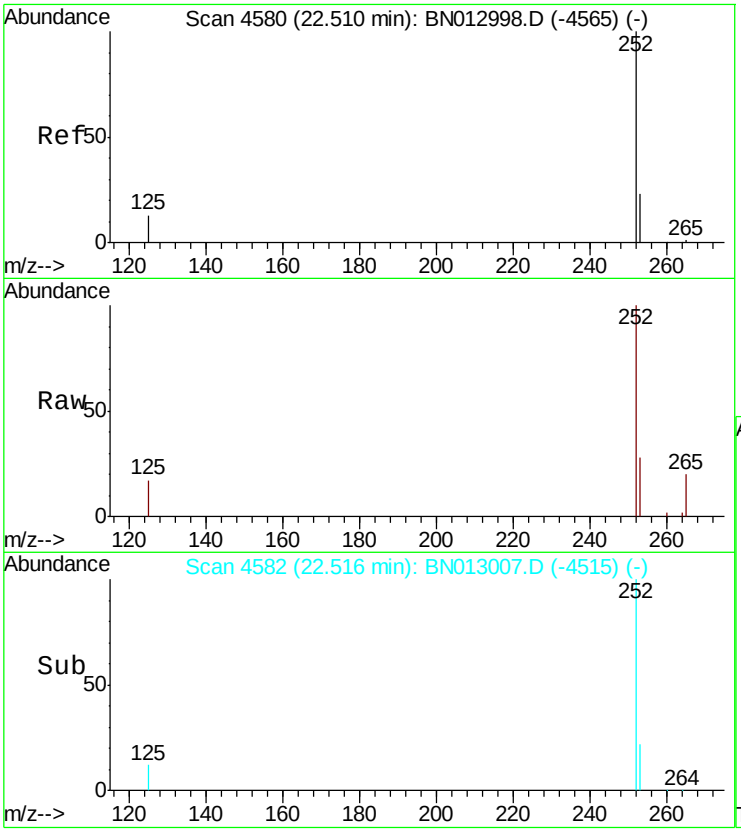


#19
Chrysene
Concen: 0.444 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:228 Resp: 8526

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.6	16.4	24.6

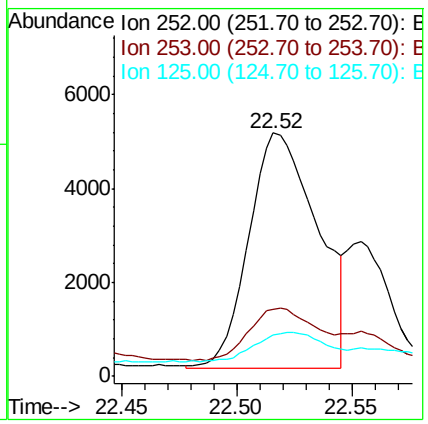




#21
Benzo(b)fluoranthene
Concen: 0.596 ng/ul m
RT: 22.52 min Scan# 4582
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:252 Resp: 10488

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	59.6
125	17.0	0.0	26.0



Instrument :
BNA_N
ClientSampleId :
C0B96DL

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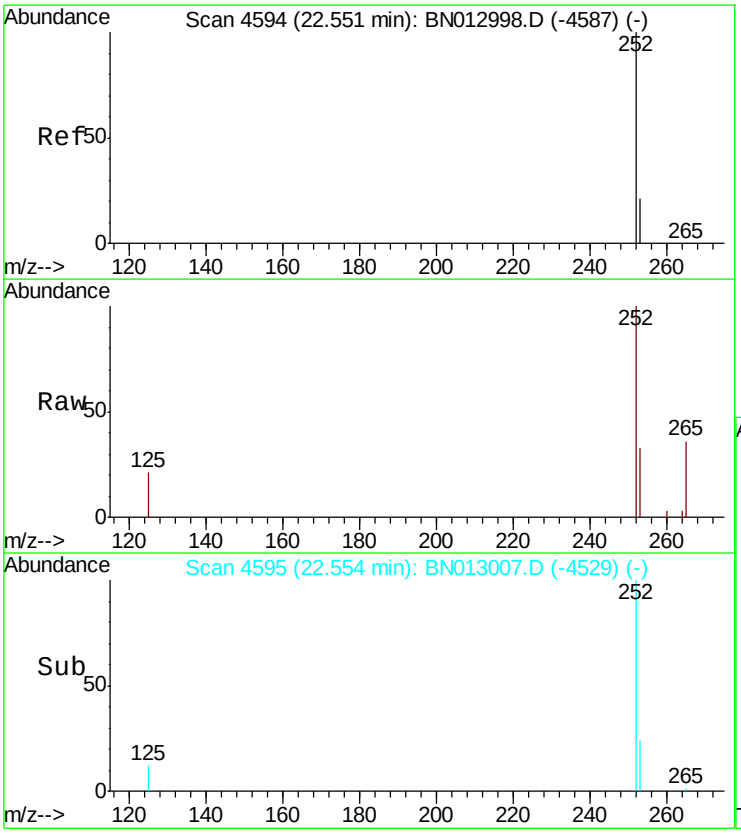
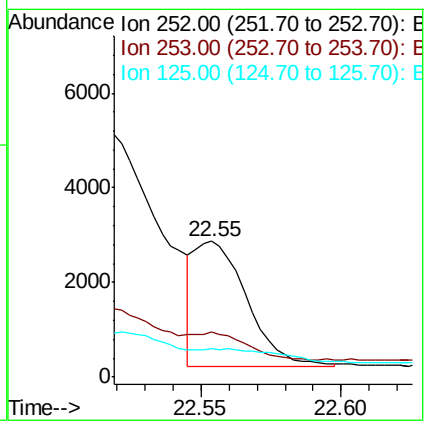
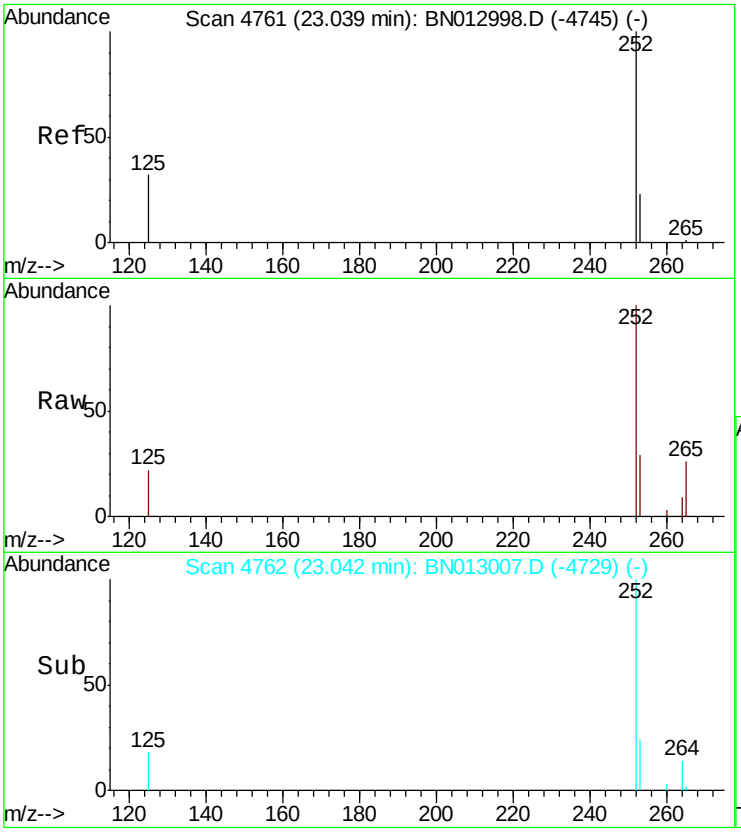


#22
Benzo(k)fluoranthene
Concen: 0.178 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:252 Resp: 3472

Ion	Ratio	Lower	Upper
252	100		
253	33.4	23.4	35.2
125	20.8	11.1	16.7#





#23
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:252 Resp: 6765

Ion	Ratio	Lower	Upper
252	100		
253	29.2	26.5	39.7
125	22.0	14.2	21.2#

Instrument :
BNA_N
ClientSampleId :
C0B96DL

Manual Integrations APPROVED
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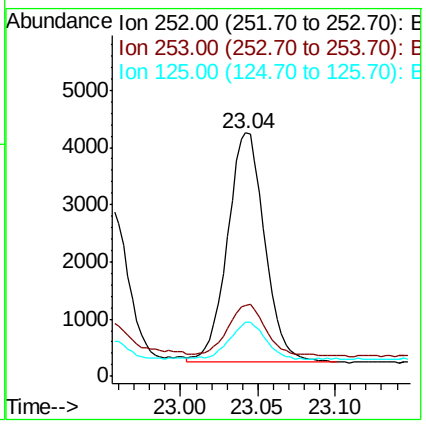
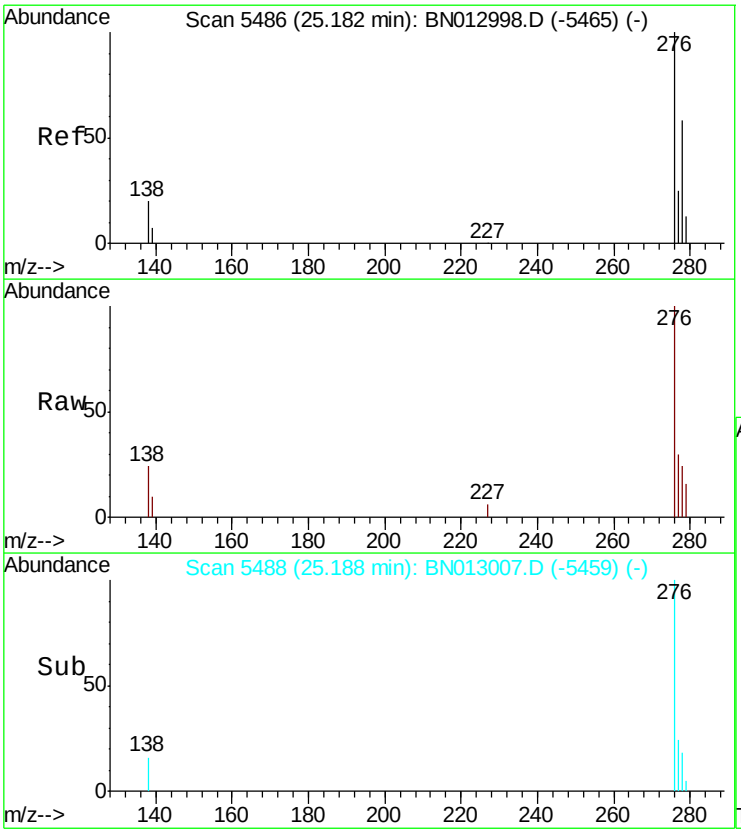
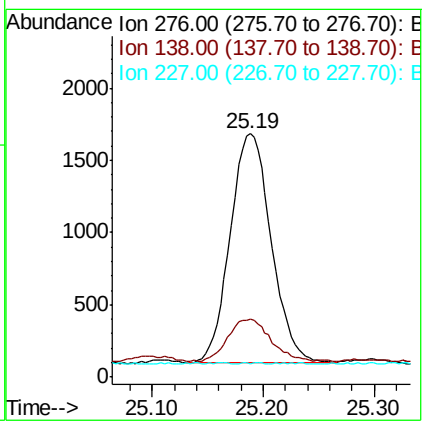


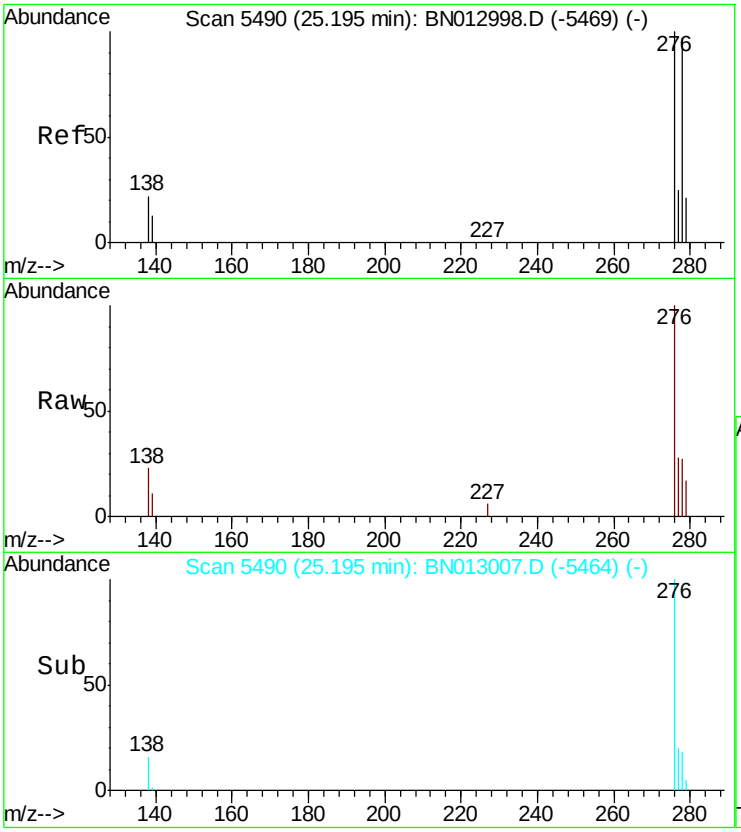


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:276 Resp: 4067

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.2	24.2
227	0.1	0.0	0.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:278 Resp: 1043

Ion	Ratio	Lower	Upper
278	100		
139	42.2	14.5	21.7#
279	60.9	26.3	39.5#

Instrument :
BNA_N
ClientSampleId :
C0B96DL

Manual Integrations APPROVED
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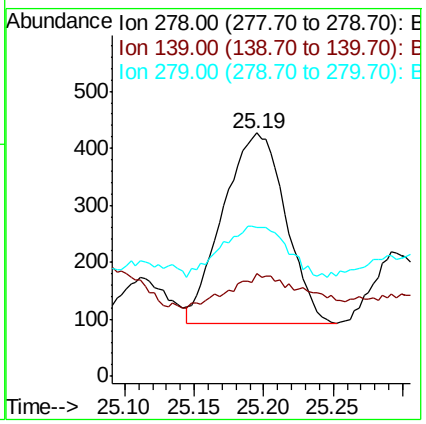

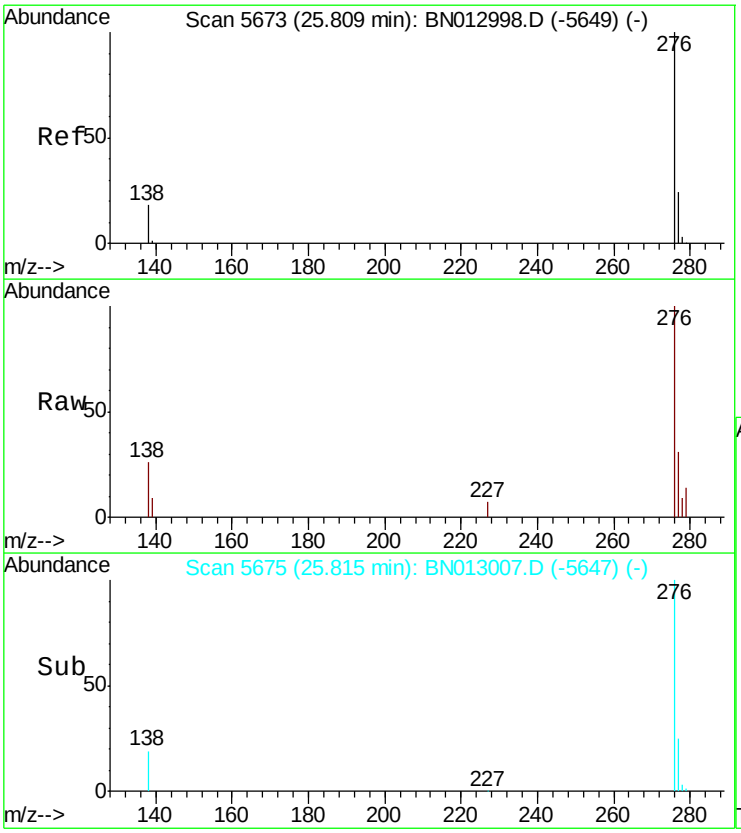

#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN013007.D
Acq: 09 Dec 2020 11:26

Tgt Ion:276 Resp: 3469

Ion	Ratio	Lower	Upper
276	100		
138	25.6	16.3	24.5#
277	30.8	21.8	32.6