Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011347.D
Acq On : 04 Aug 2020 00:51
Operator : CG/JU
Sample : L3419-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE9

Manual Integrations APPROVED
mohammad
8/5/2020 10:27:59 AM

Quant Time: Aug 04 07:13:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1940	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	7017	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	4125	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	9413m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	8703	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	9294	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2755	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	6774	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.26	128	617	0.030	ng/ul#	75
7) Acenaphthylene	13.81	152	2358	0.120	ng/ul	97
12) Phenanthrene	16.89	178	1943	0.062	ng/ul	95
13) Anthracene	16.98	178	1642	0.060	ng/ul#	91
15) Fluoranthene	18.92	202	22227	0.578	ng/ul	98
17) Pyrene	19.28	202	17513	0.443	ng/ul	99
18) Benzo(a)anthracene	21.05	228	10977	0.328	ng/ul	97
19) Chrysene	21.10	228	13768	0.359	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	20925m	0.539	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	7244m	0.167	ng/ul	
23) Benzo(a)pyrene	23.09	252	10698	0.317	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.24	276	8754	0.247	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.25	278	2050	0.073	ng/ul#	71
26) Benzo(g,h,i)perylene	25.87	276	7441	0.232	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011347.D
Acq On : 04 Aug 2020 00:51
Operator : CG/JU
Sample : L3419-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 04 07:13:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 06:45:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE9

Manual Integrations APPROVED
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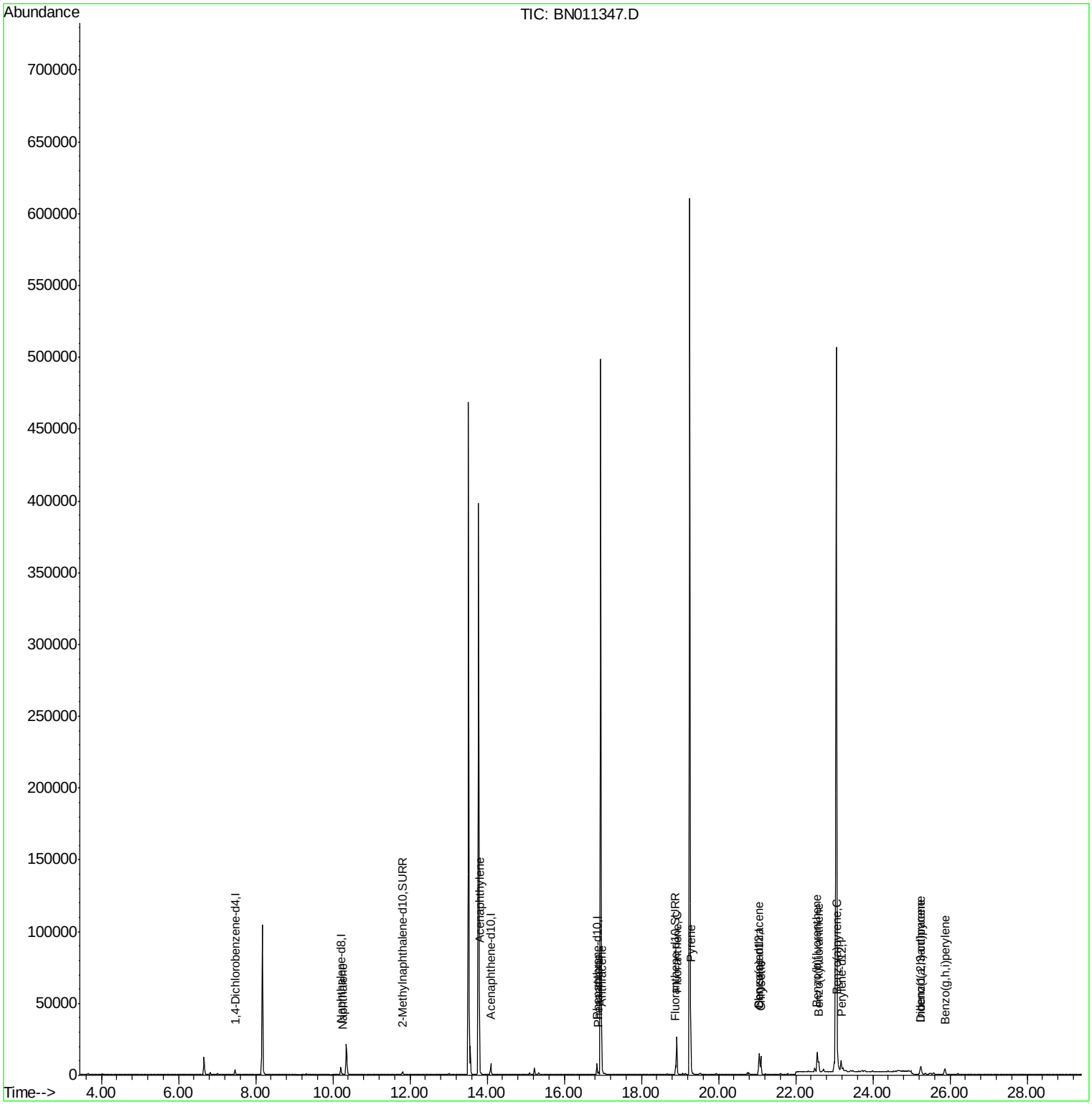

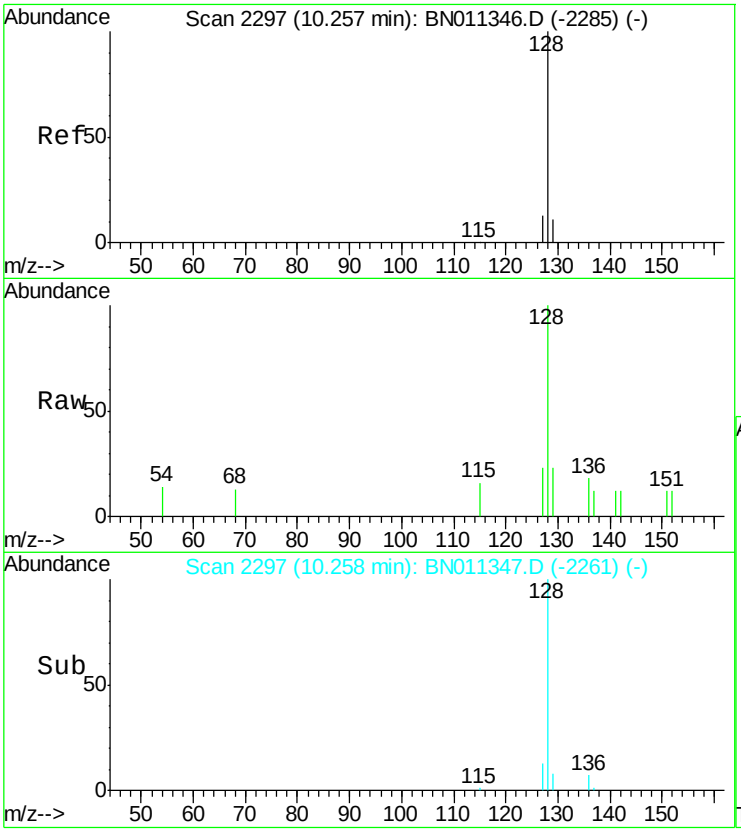

#3
Naphthalene
Concen: 0.030 ng/ul
RT: 10.26 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:128 Resp: 617

Ion	Ratio	Lower	Upper
128	100		
129	22.6	9.6	14.4#
127	23.3	11.2	16.8#

Instrument :
BNA_N
ClientSampleId :
C0AE9

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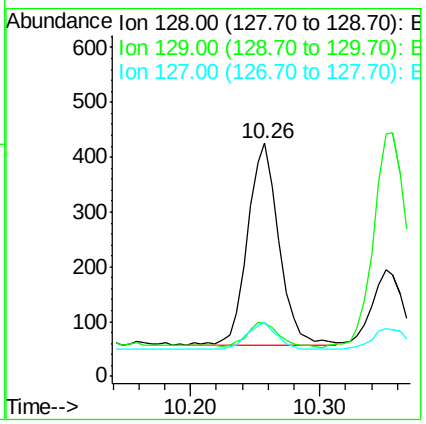
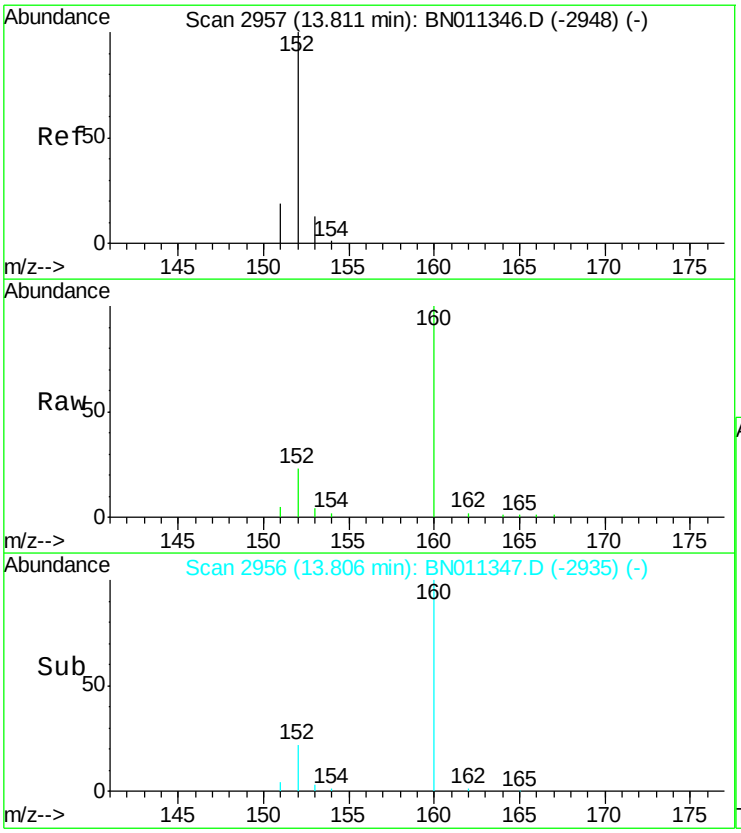
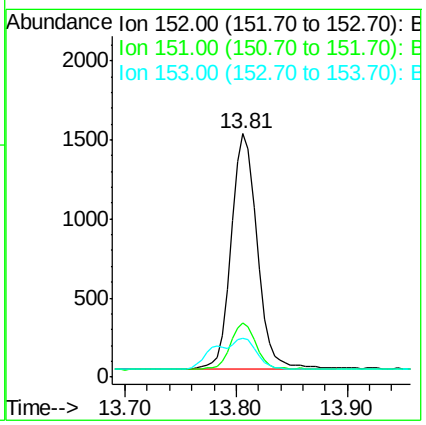


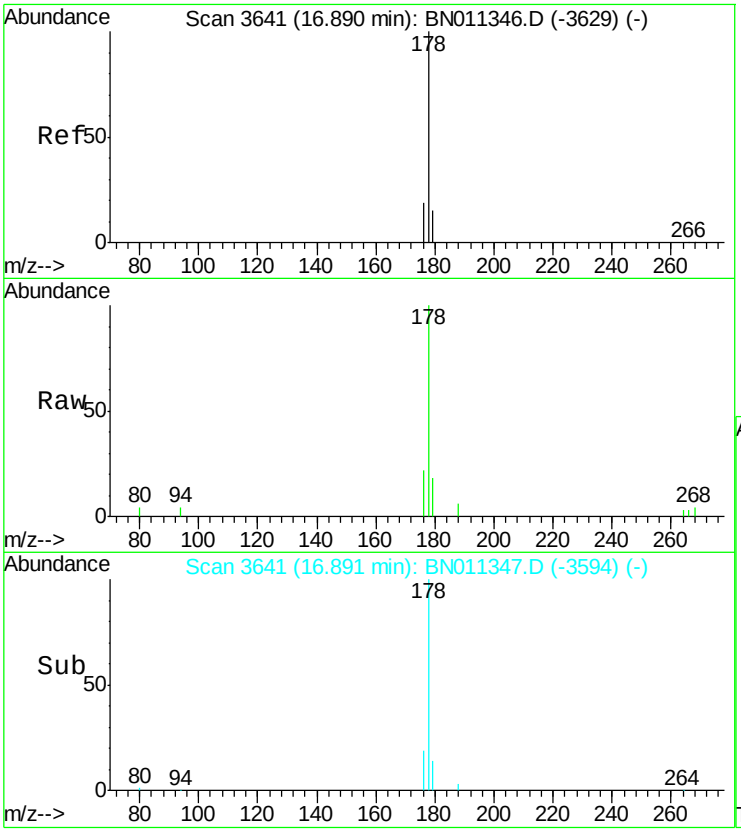


#7
Acenaphthylene
Concen: 0.120 ng/ul
RT: 13.81 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:152 Resp: 2358

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	16.1	11.4	17.0

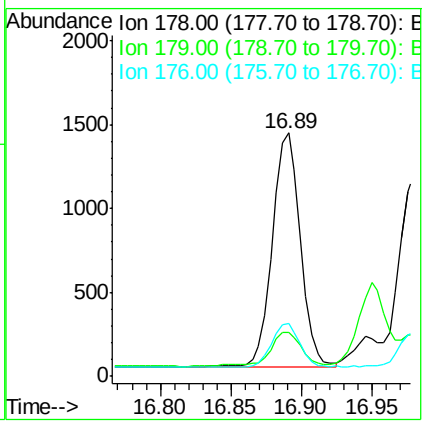




#12
Phenanthrene
Concen: 0.062 ng/ul
RT: 16.89 min Scan# 3641
Delta R.T. 0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:178 Resp: 1943

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.6	18.8
176	21.7	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
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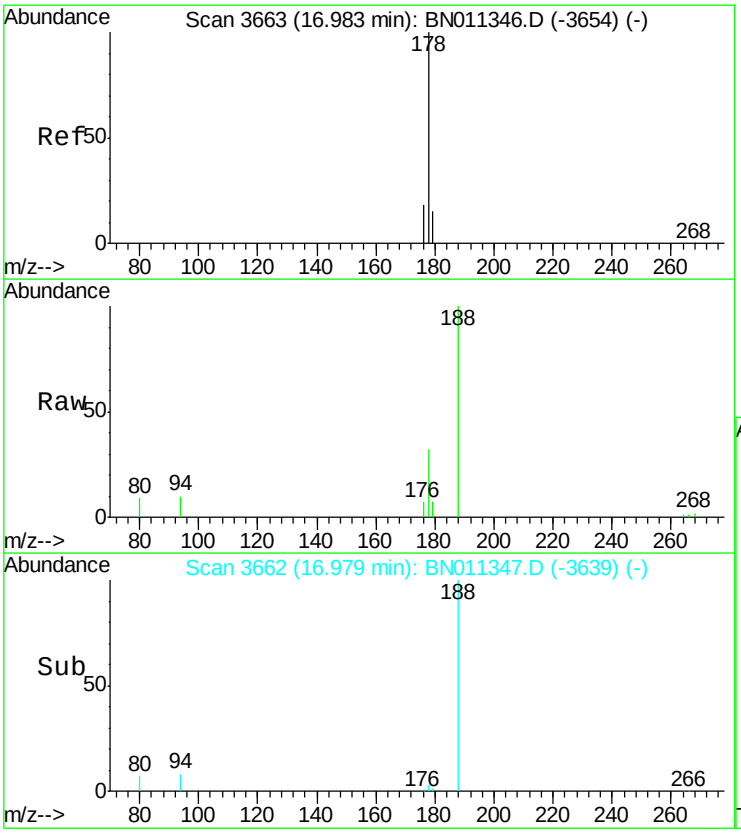
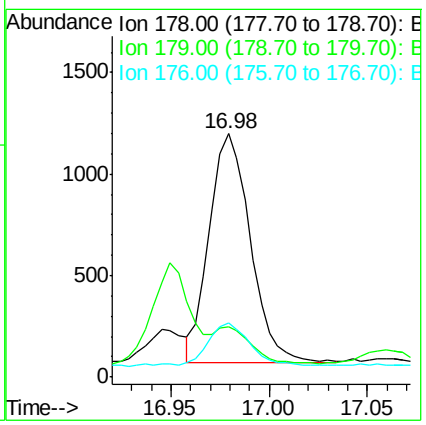
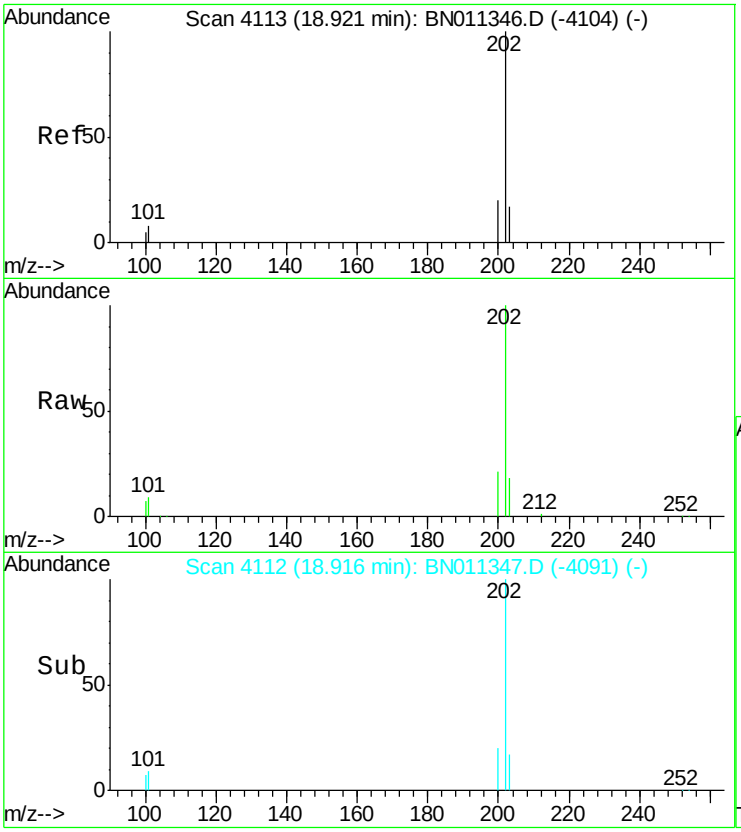


#13
Anthracene
Concen: 0.060 ng/ul
RT: 16.98 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:178 Resp: 1642

Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.1	19.7#
176	22.3	14.8	22.2#

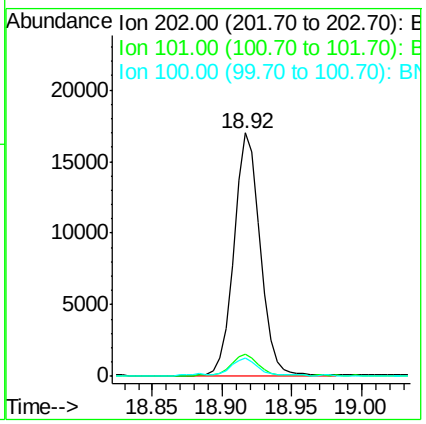




#15
Fluoranthene
Concen: 0.578 ng/ul
RT: 18.92 min Scan# 4112
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:202 Resp: 22227

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.2
100	7.3	0.0	26.8



Instrument :
BNA_N
ClientSampleId :
C0AE9

Manual Integrations APPROVED
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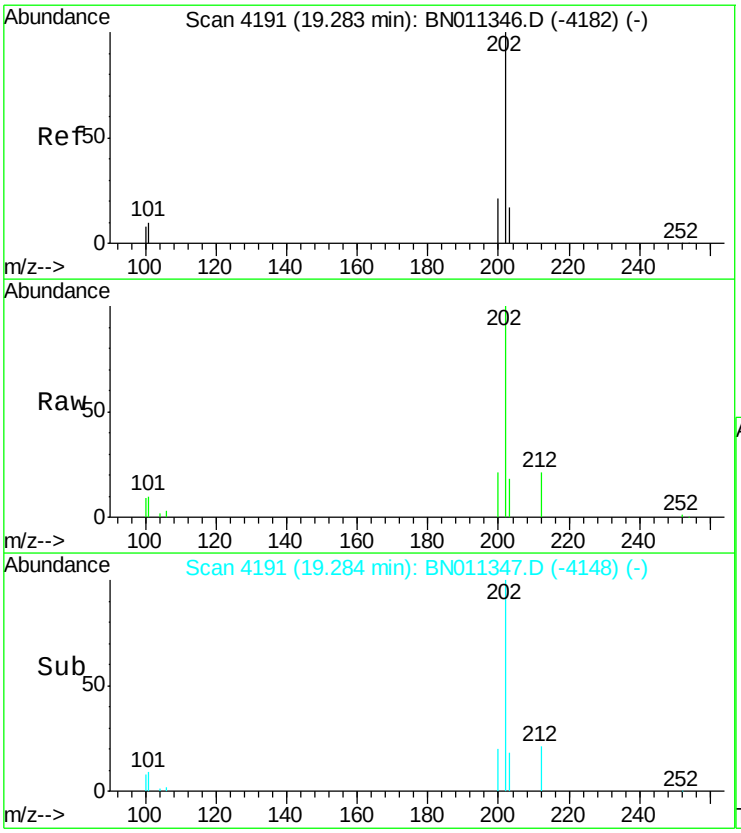
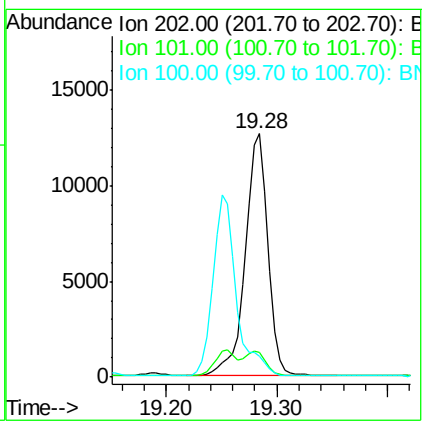
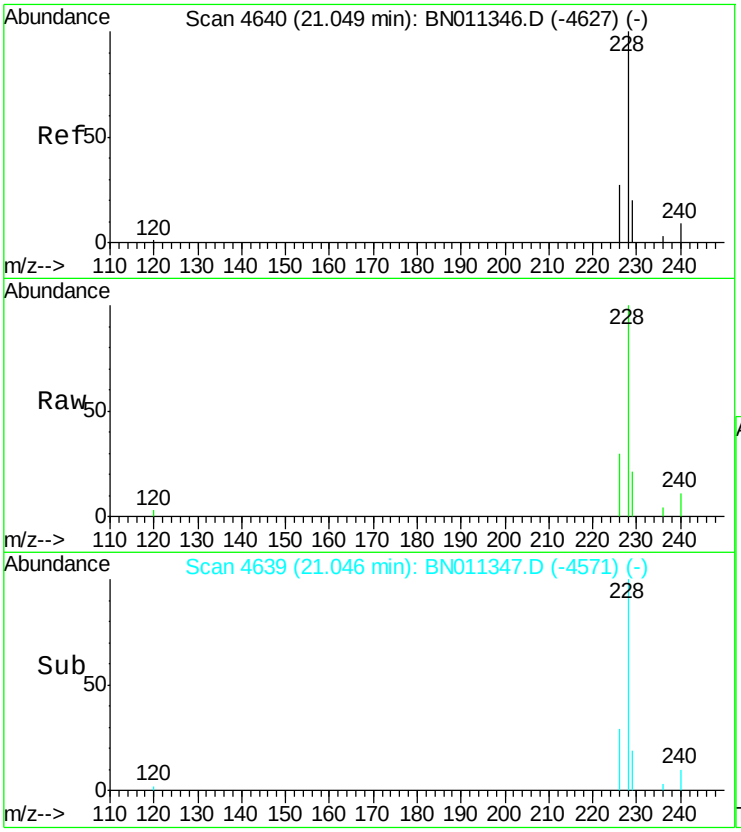


#17
Pyrene
Concen: 0.443 ng/ul
RT: 19.28 min Scan# 4191
Delta R.T. 0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:202 Resp: 17513

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	8.8	7.1	10.7

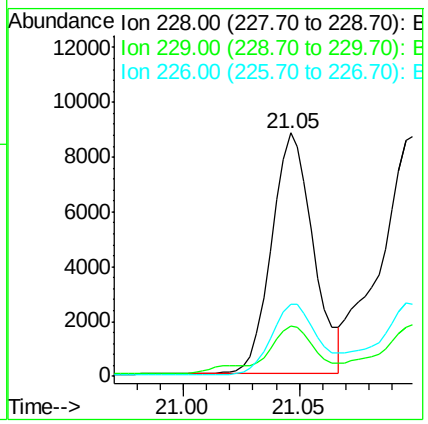




#18
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.05 min Scan# 4639
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:228 Resp: 10977

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.1	24.1
226	29.8	22.2	33.2



Instrument :
BNA_N
ClientSampleId :
C0AE9

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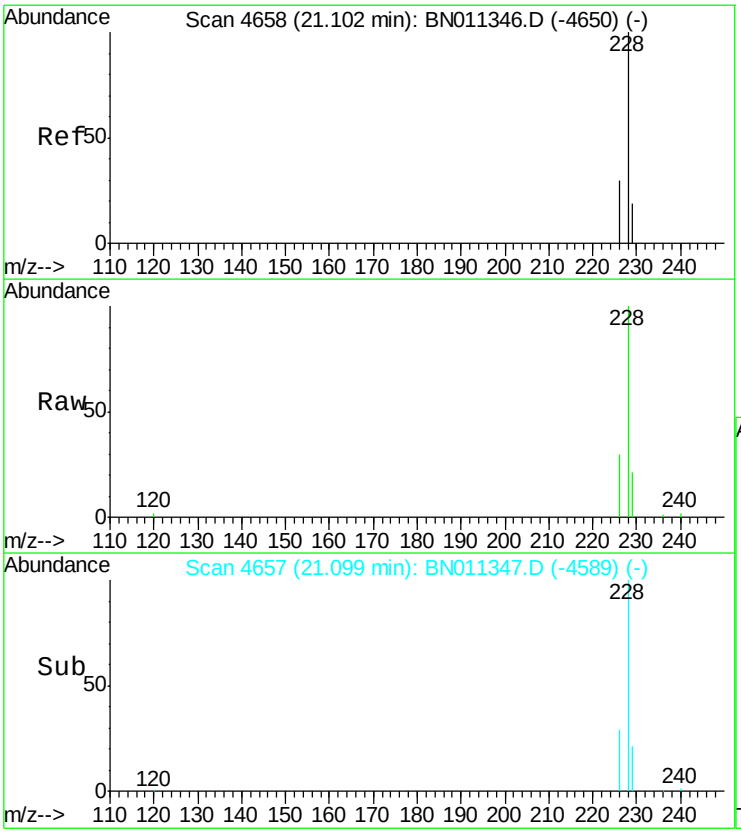
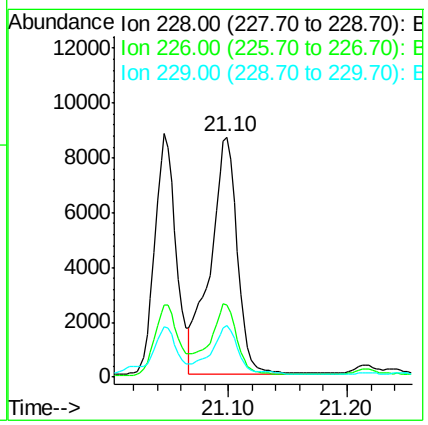
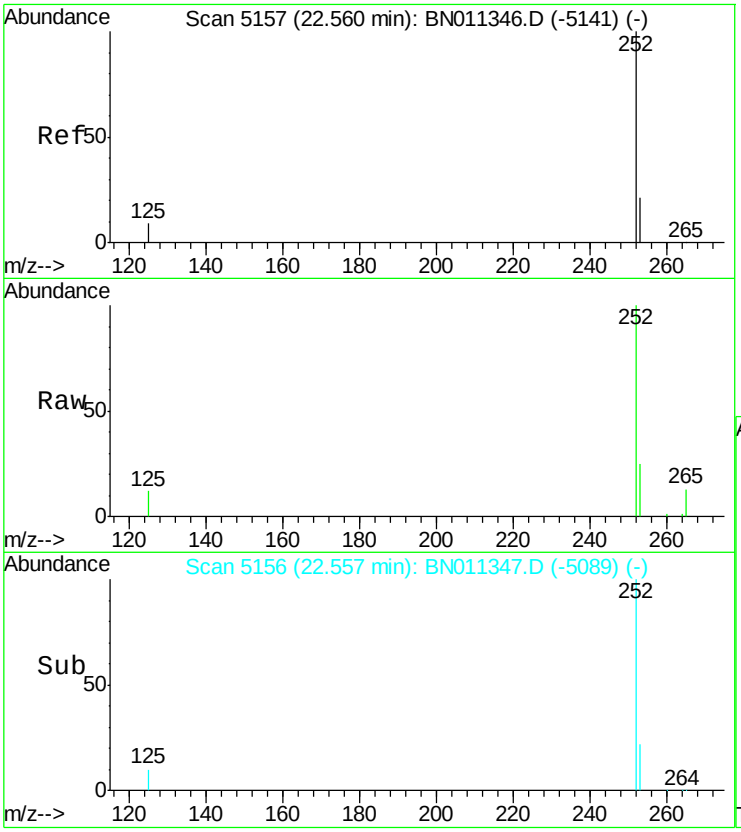


#19
Chrysene
Concen: 0.359 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:228 Resp: 13768

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	21.4	15.8	23.6

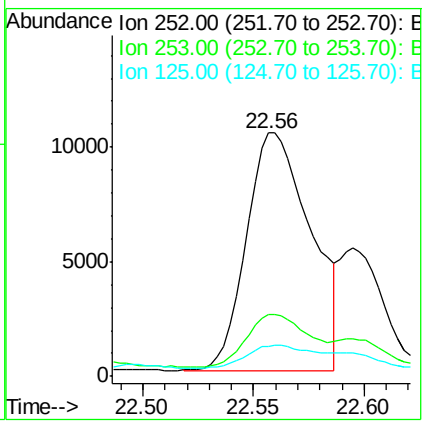




#21
Benzo(b)fluoranthene
Concen: 0.539 ng/ul m
RT: 22.56 min Scan# 5156
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:252 Resp: 20925

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	51.8
125	12.5	0.0	24.2



Instrument :
BNA_N
ClientSampleId :
C0AE9

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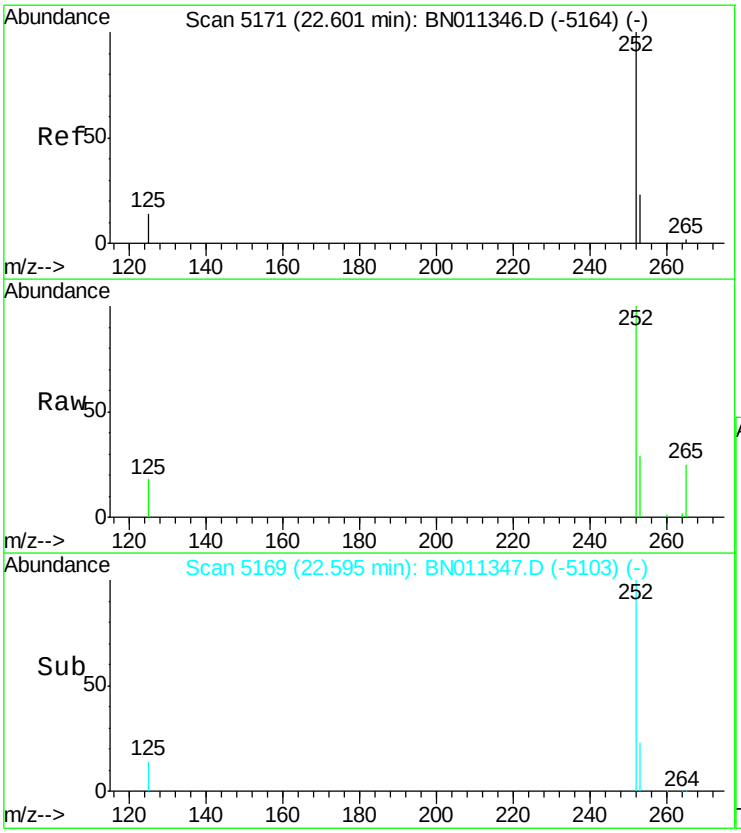
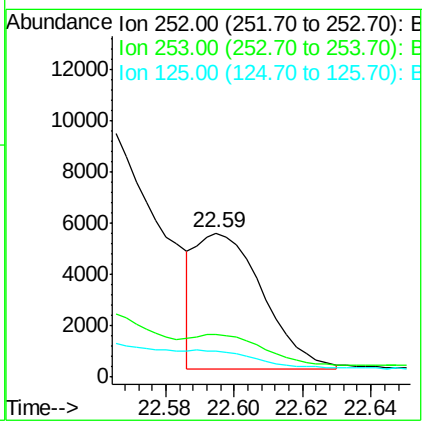
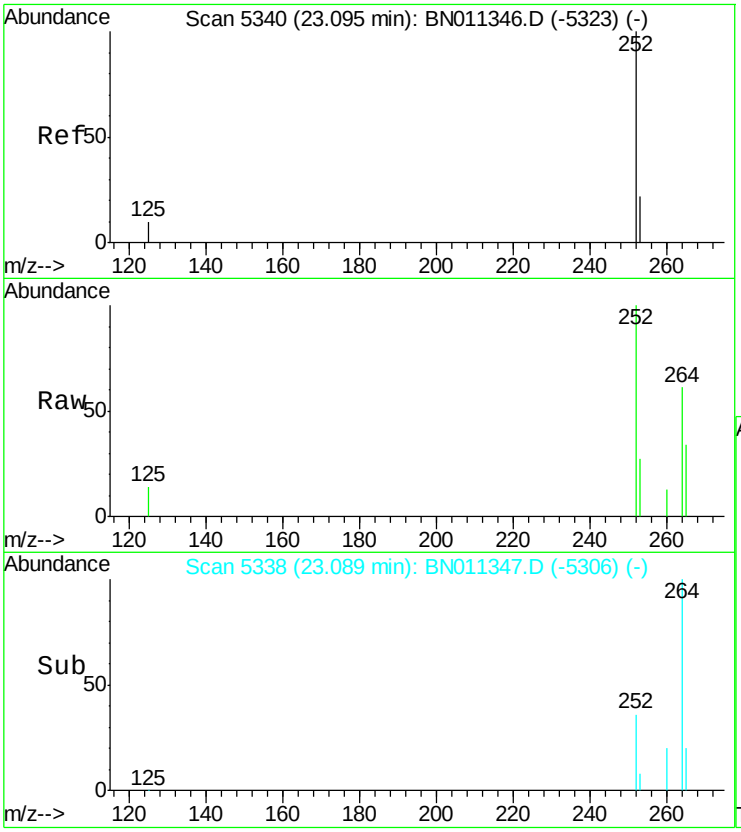


#22
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.59 min Scan# 5169
Delta R.T. -0.01 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:252 Resp: 7244

Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.4	32.0
125	18.4	12.6	18.8

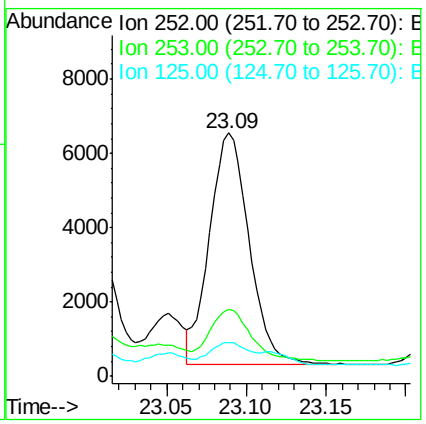




#23
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.09 min Scan# 5338
Delta R.T. -0.01 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:252 Resp: 10698

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.6	34.0
125	13.9	12.6	18.8



Instrument :
BNA_N
ClientSampleId :
C0AE9

Manual Integrations APPROVED
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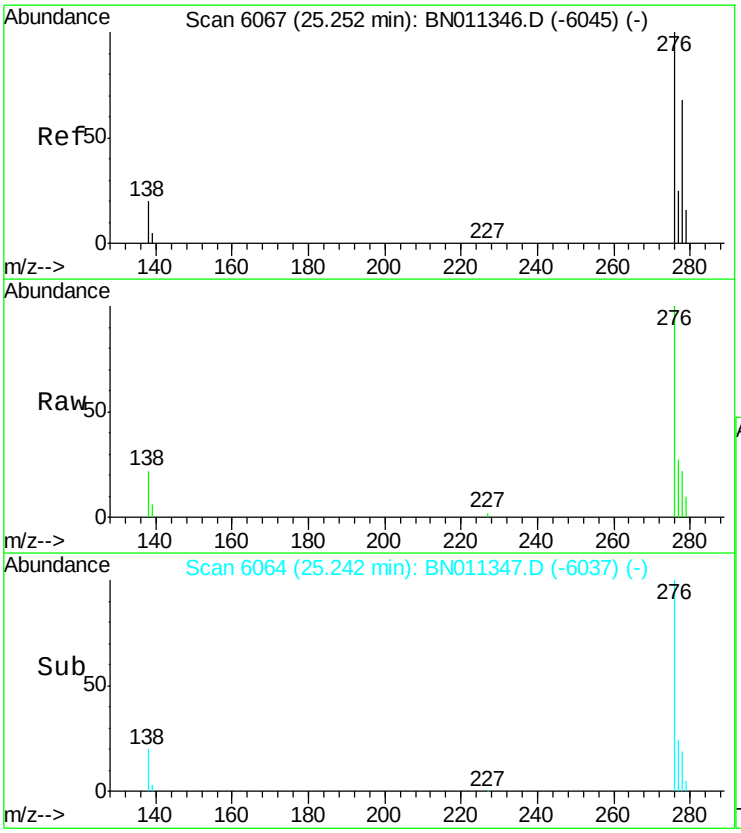
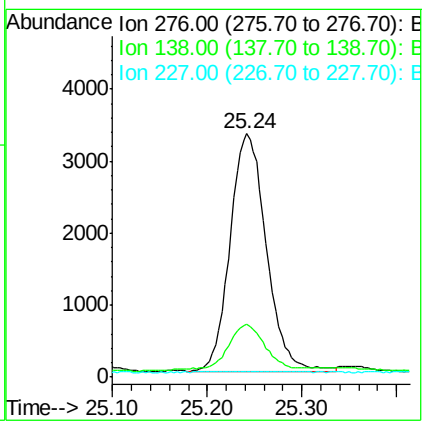
8/5/2020 10:27:59 AM

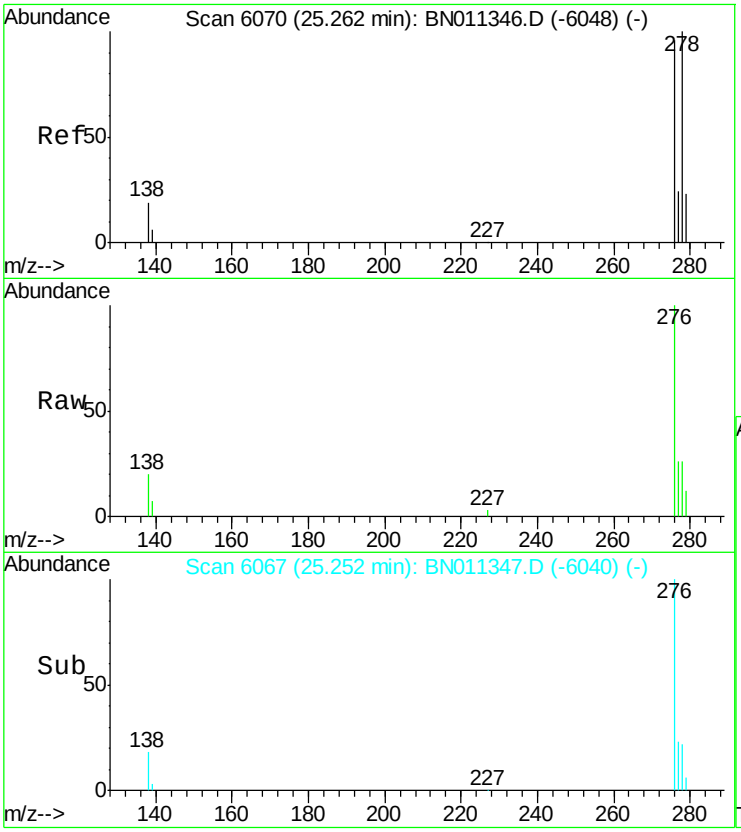


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 25.24 min Scan# 6064
Delta R.T. -0.01 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:276 Resp: 8754

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.1	27.1
227	0.0	0.2	0.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.25 min Scan# 6067
Delta R.T. -0.01 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:278 Resp: 2050

Ion	Ratio	Lower	Upper
278	100		
139	25.3	14.0	21.0#
279	47.5	22.9	34.3#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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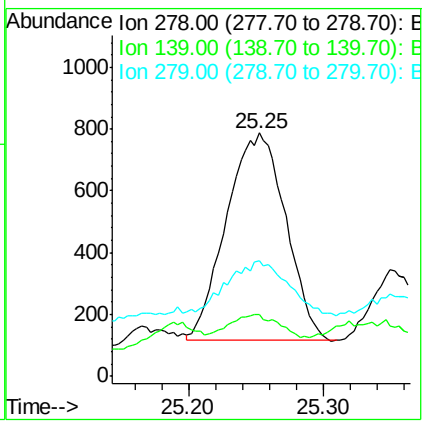

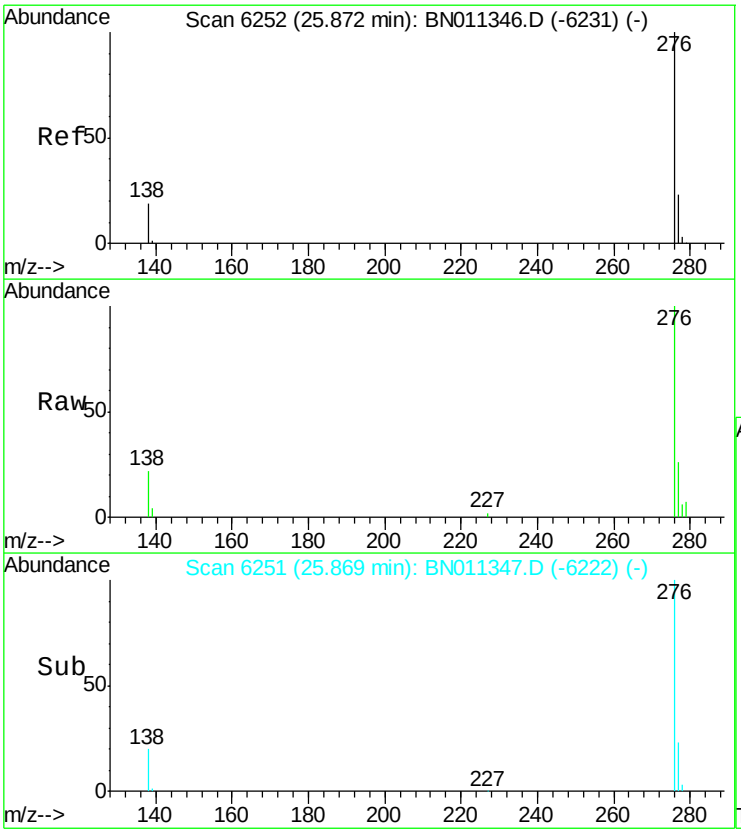

#26
Benzo(g,h,i)perylene
Concen: 0.232 ng/ul
RT: 25.87 min Scan# 6251
Delta R.T. -0.00 min
Lab File: BN011347.D
Acq: 04 Aug 2020 00:51

Tgt Ion:276 Resp: 7441

Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.4	24.6
277	26.1	20.2	30.4