Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012938.D
Acq On : 07 Dec 2020 14:29
Operator : CG/JU
Sample : L4859-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B29

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Quant Time: Dec 07 15:00:02 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 : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	996	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4069	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2341	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5096	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4437	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4601	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	810	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2032	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	328	0.028	ng/ul#	69
5) 2-Methylnaphthalene	11.84	142	179	0.023	ng/ul	98
7) Acenaphthylene	13.77	152	904	0.082	ng/ul#	92
12) Phenanthrene	16.85	178	3046	0.178	ng/ul	99
13) Anthracene	16.95	178	1036	0.071	ng/ul#	94
15) Fluoranthene	18.88	202	12723	0.627	ng/ul	99
17) Pyrene	19.25	202	12899	0.615	ng/ul	99
18) Benzo(a)anthracene	21.02	228	7326	0.399	ng/ul	99
19) Chrysene	21.07	228	9022	0.445	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	14518m	0.682	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	5498m	0.234	ng/ul	
23) Benzo(a)pyrene	23.05	252	9394	0.476	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.19	276	6410	0.247	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.20	278	2081	0.101	ng/ul#	75
26) Benzo(g,h,i)perylene	25.82	276	6424	0.274	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012938.D
Acq On : 07 Dec 2020 14:29
Operator : CG/JU
Sample : L4859-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 07 15:00:02 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 : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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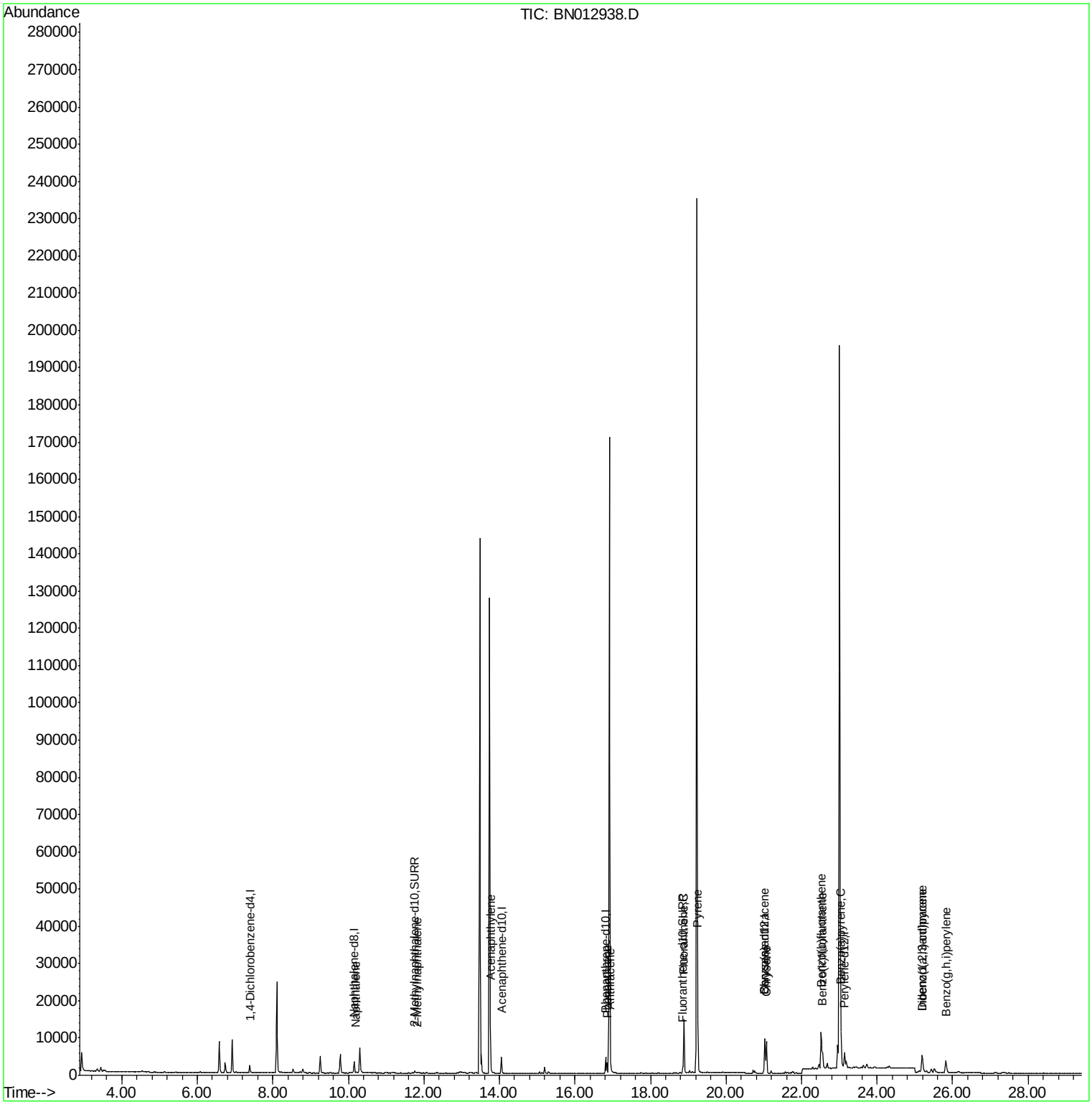

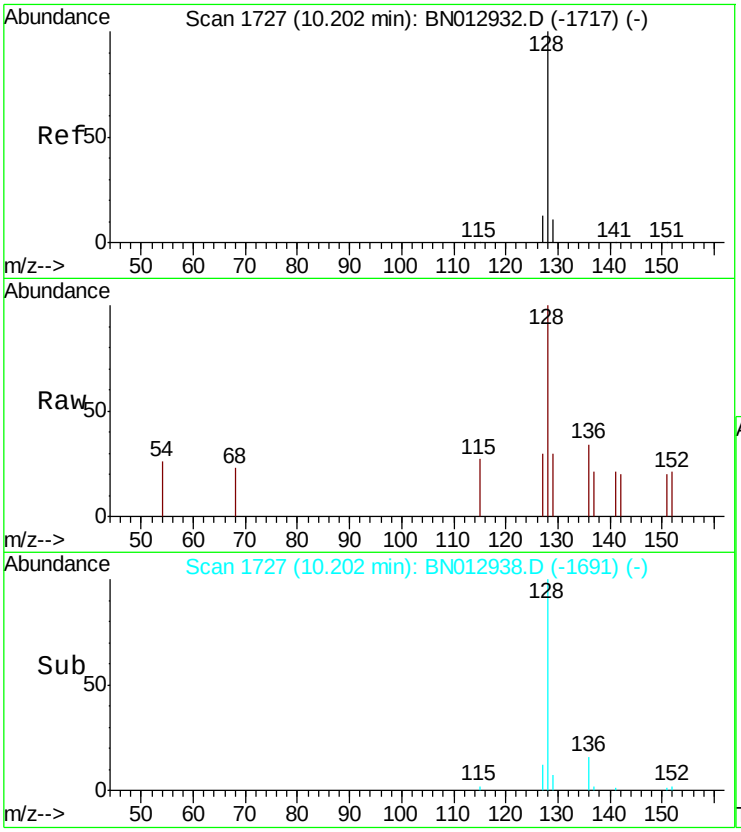

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:128 Resp: 328

Ion	Ratio	Lower	Upper
128	100		
129	30.5	12.3	18.5#
127	29.6	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
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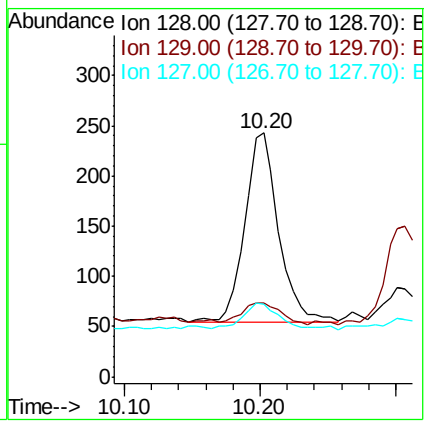
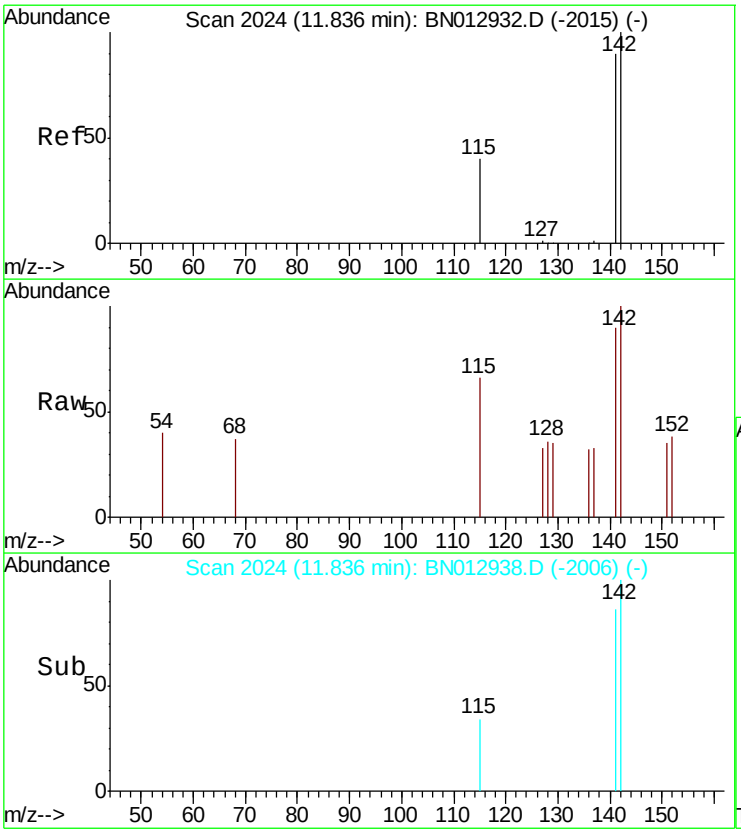
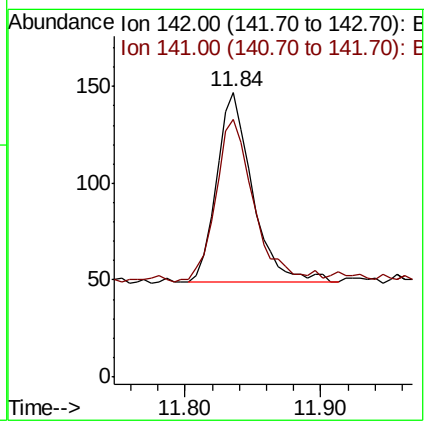


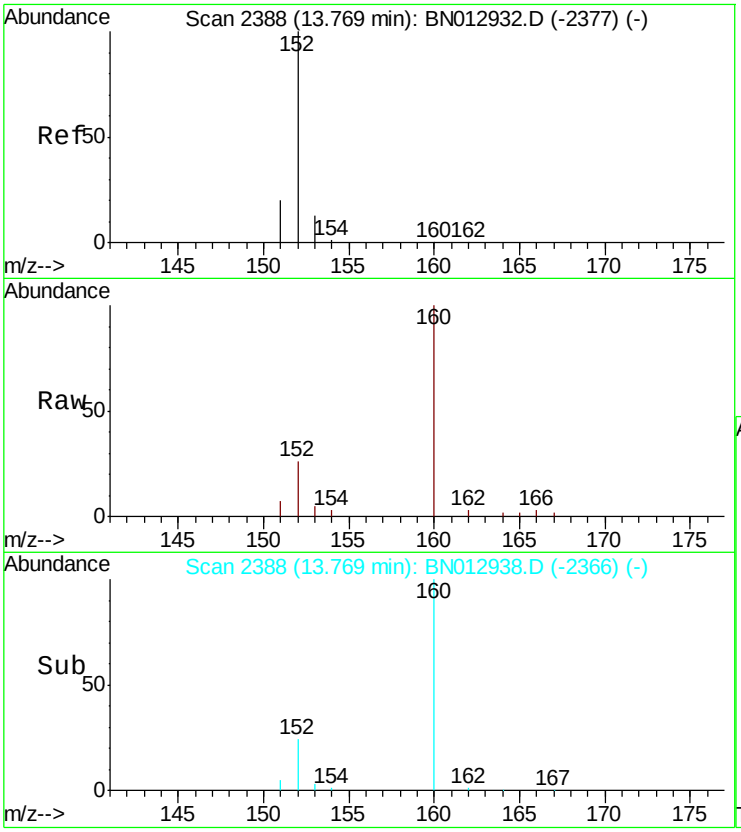


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:142 Resp: 179

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.0	109.6

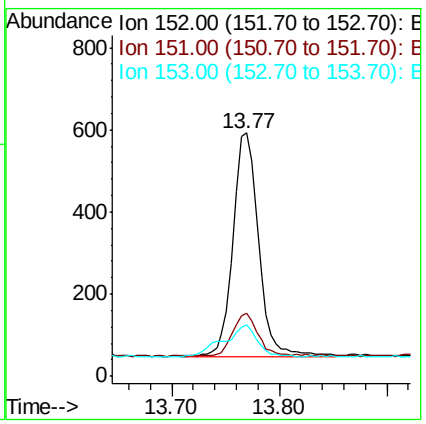




#7
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.77 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:152 Resp: 904

Ion	Ratio	Lower	Upper
152	100		
151	26.0	18.2	27.4
153	20.9	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
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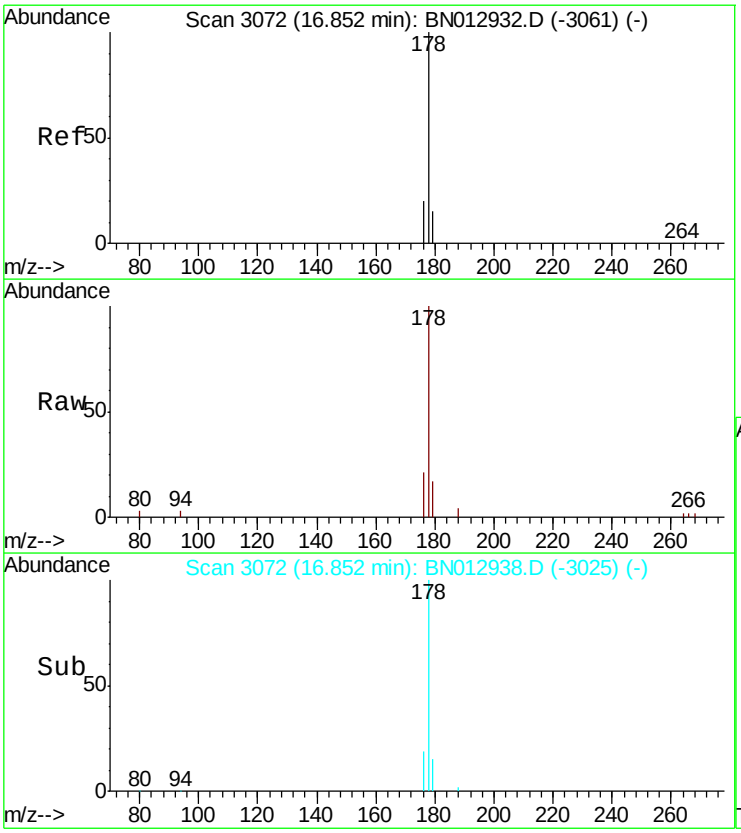
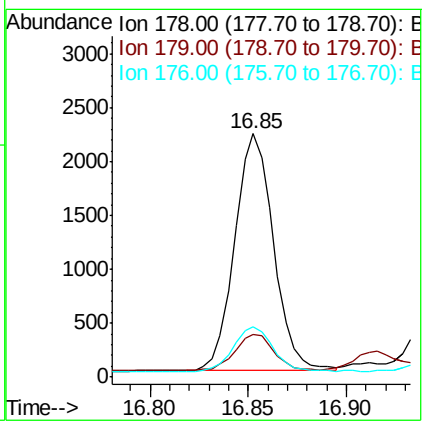
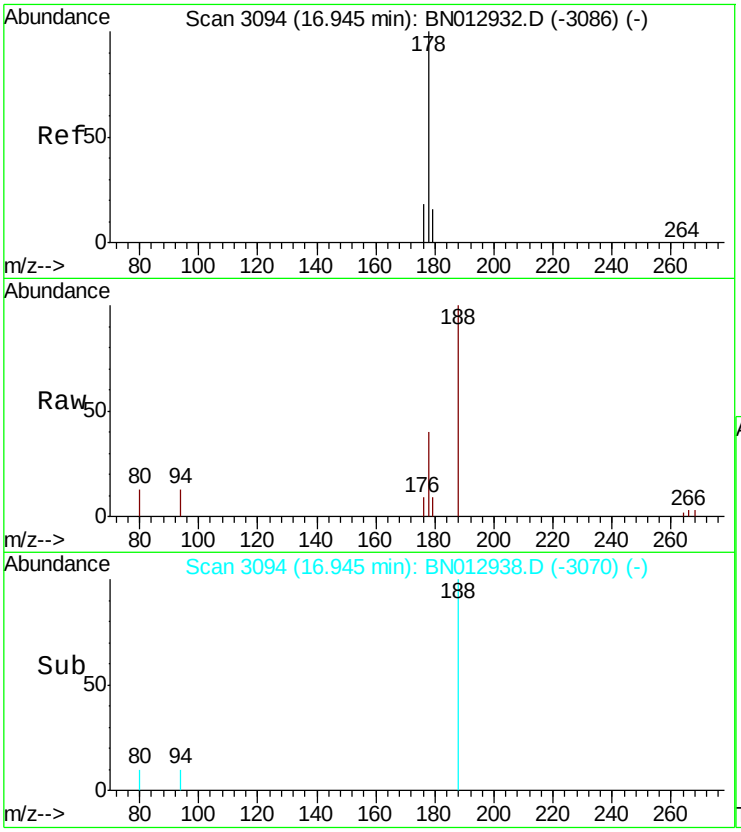


#12
Phenanthrene
Concen: 0.178 ng/ul
RT: 16.85 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:178 Resp: 3046

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.6	20.4
176	20.7	16.4	24.6





#13
Anthracene
Concen: 0.071 ng/ul
RT: 16.95 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:178 Resp: 1036

Ion	Ratio	Lower	Upper
178	100		
179	22.3	14.6	21.8#
176	23.2	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0B29

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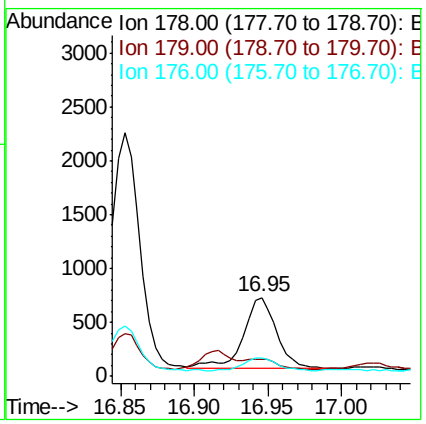
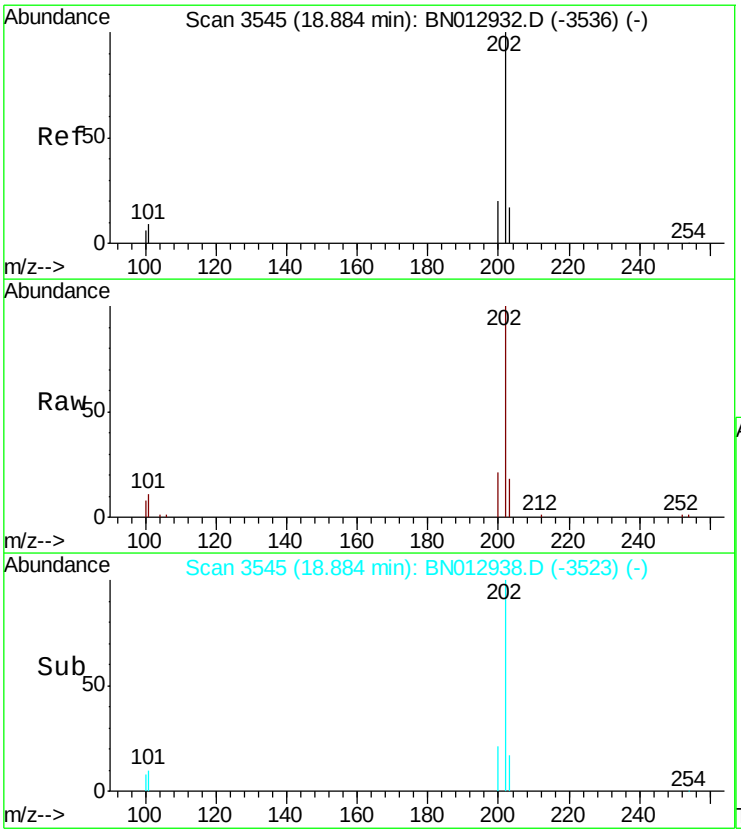
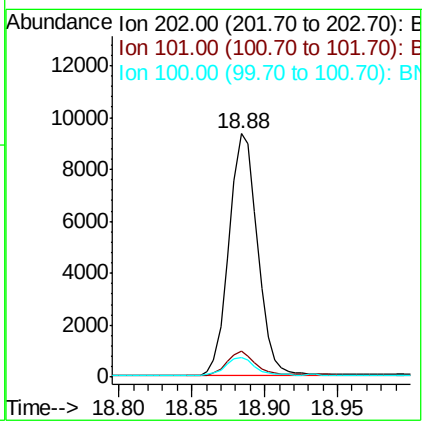


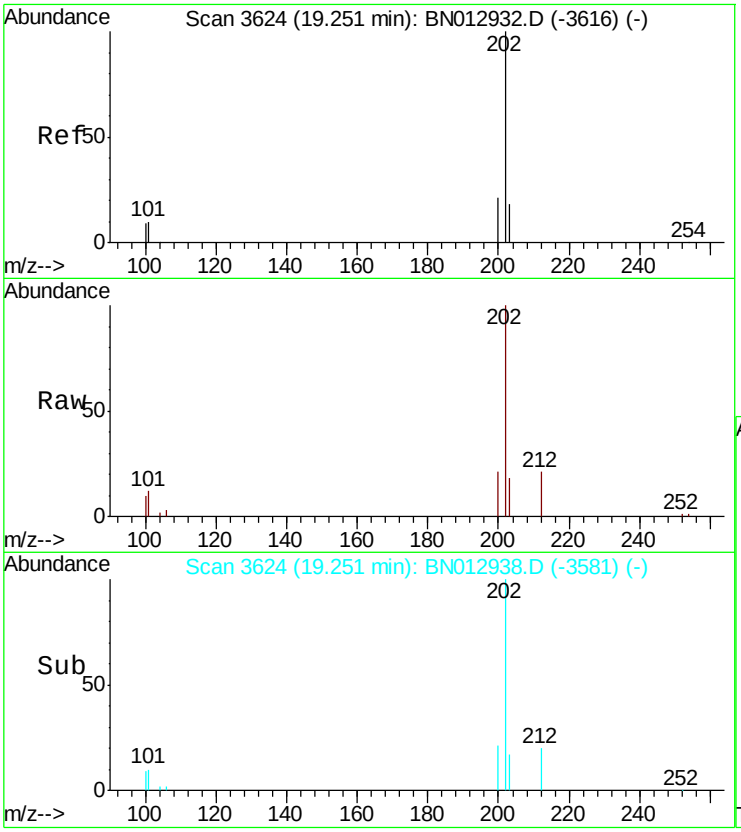


#15
Fluoranthene
Concen: 0.627 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:202 Resp: 12723

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.6
100	8.1	0.0	28.7





#17
Pyrene
Concen: 0.615 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:202 Resp: 12899

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	10.0	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B29

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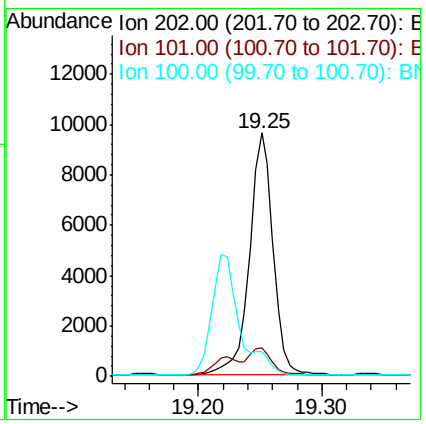
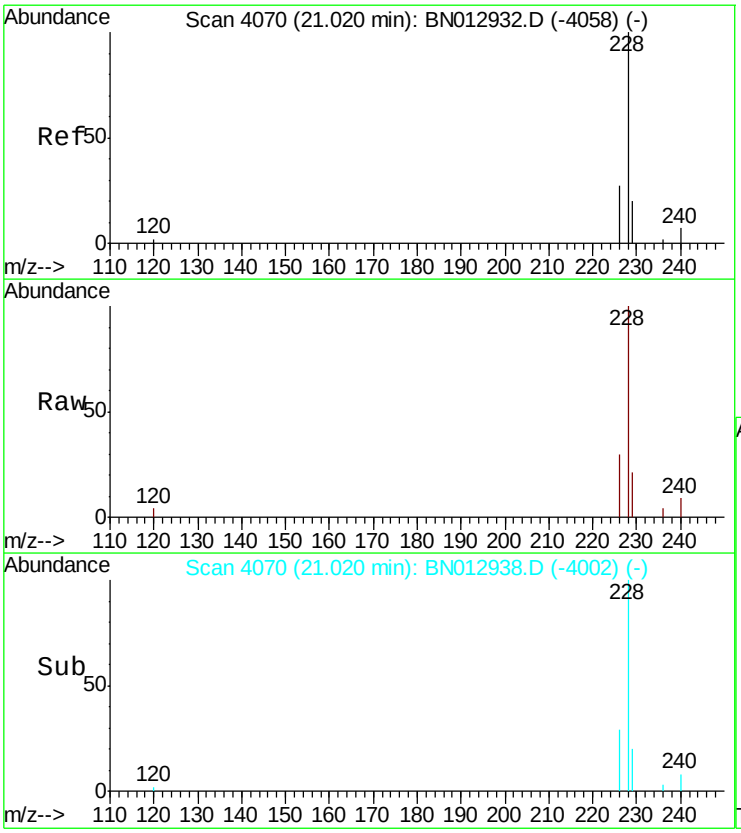
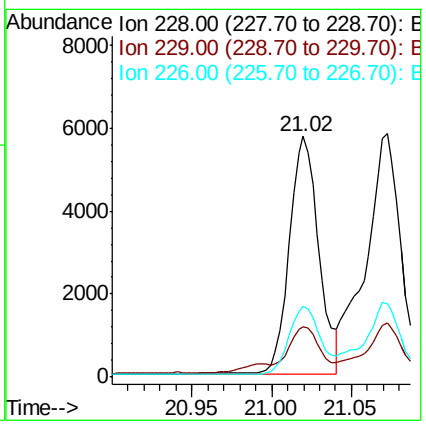


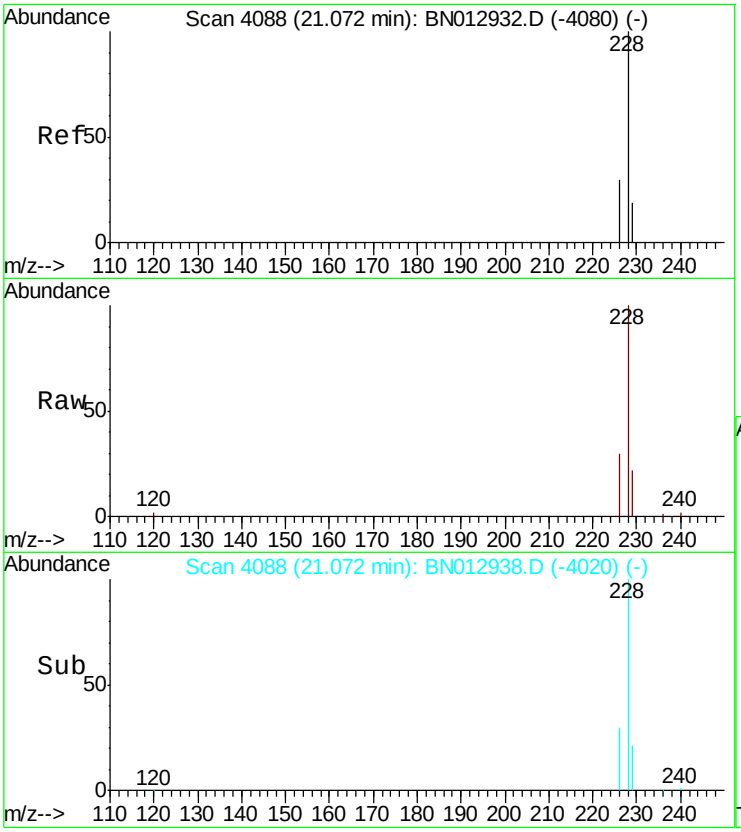


#18
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:228 Resp: 7326

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.3	24.5
226	29.5	23.4	35.2

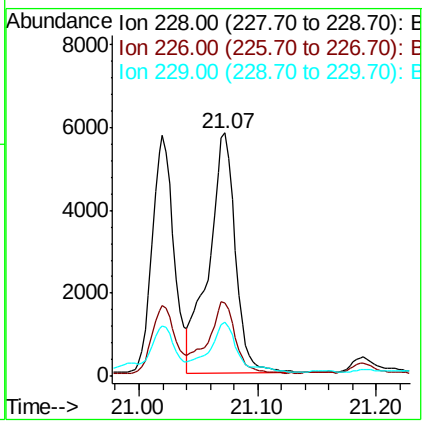




#19
Chrysene
Concen: 0.445 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:228 Resp: 9022

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.0	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B29

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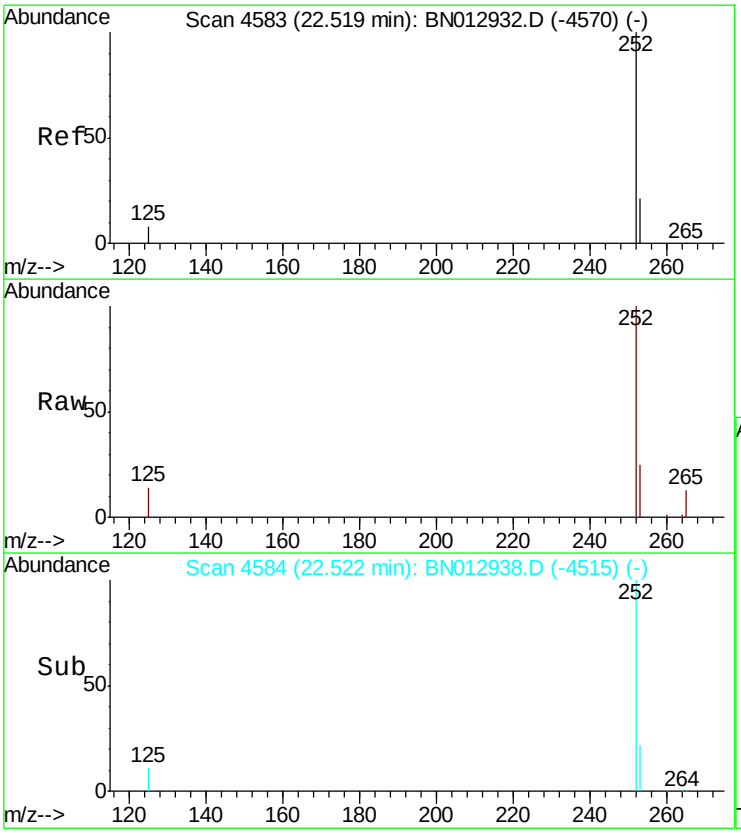
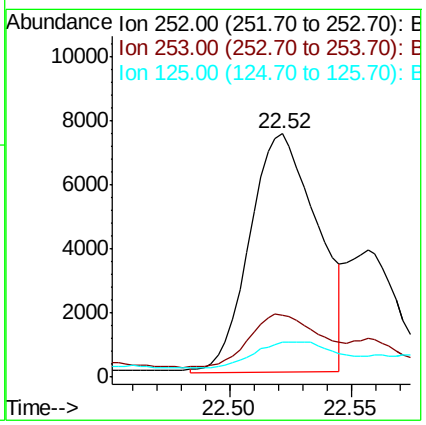
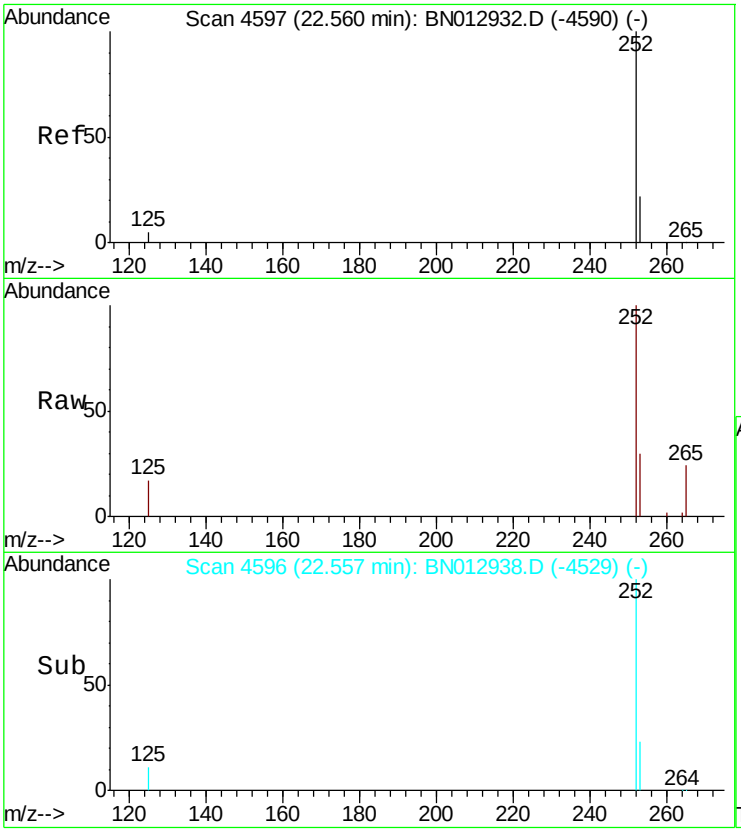


#21
Benzo(b)fluoranthene
Concen: 0.682 ng/ul m
RT: 22.52 min Scan# 4584
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:252 Resp: 14518

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	59.6
125	14.3	0.0	26.0

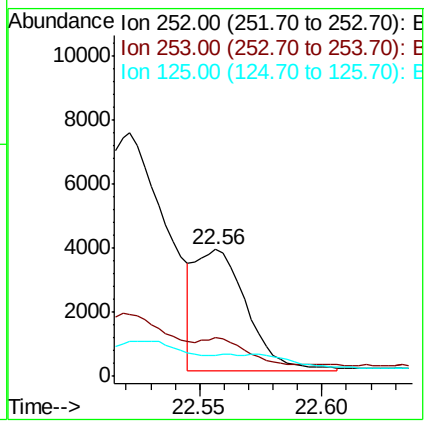




#22
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:252 Resp: 5498

Ion	Ratio	Lower	Upper
252	100		
253	30.2	23.4	35.2
125	16.5	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0B29

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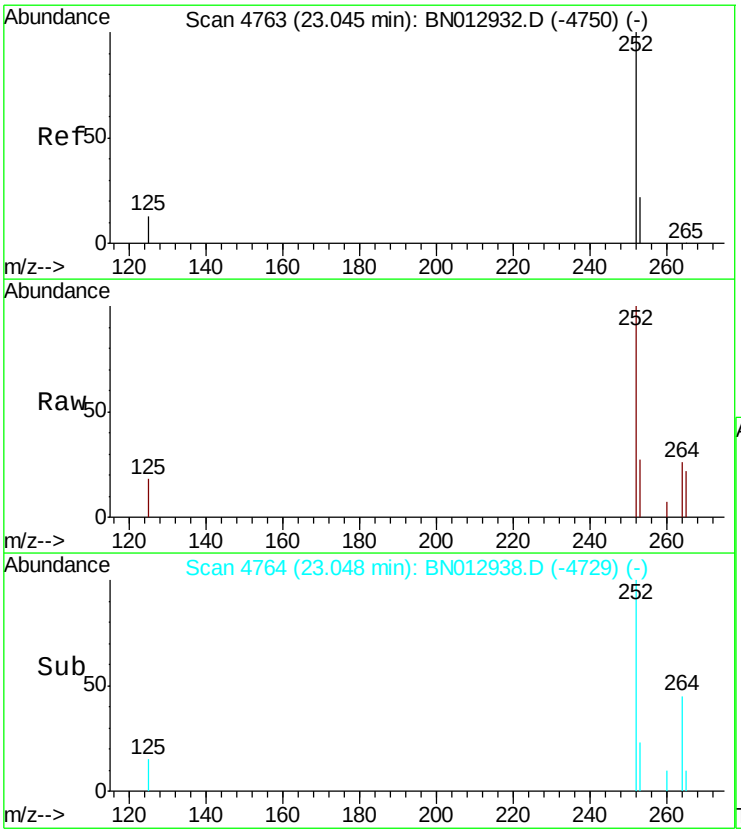
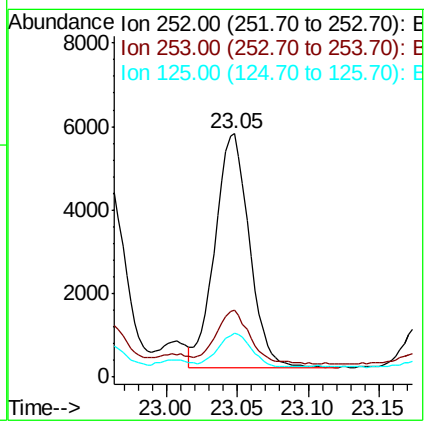
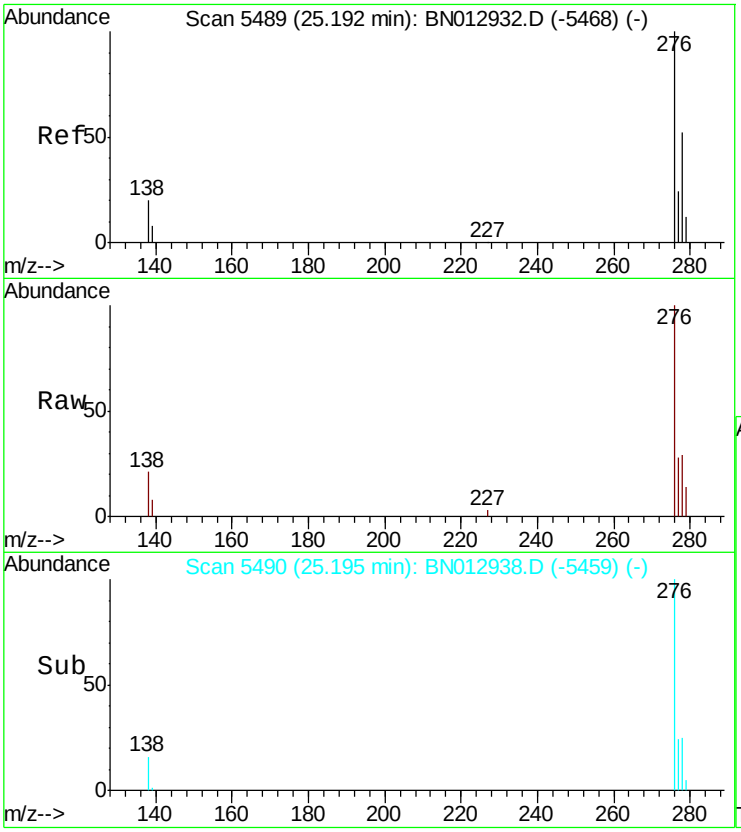


#23
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.05 min Scan# 4764
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:252 Resp: 9394

Ion	Ratio	Lower	Upper
252	100		
253	27.3	26.5	39.7
125	17.8	14.2	21.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. 0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:276 Resp: 6410

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.2	24.2
227	0.2	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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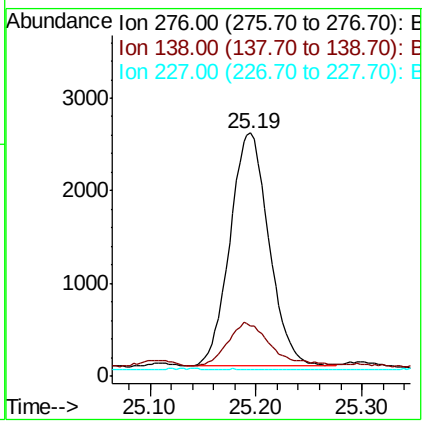
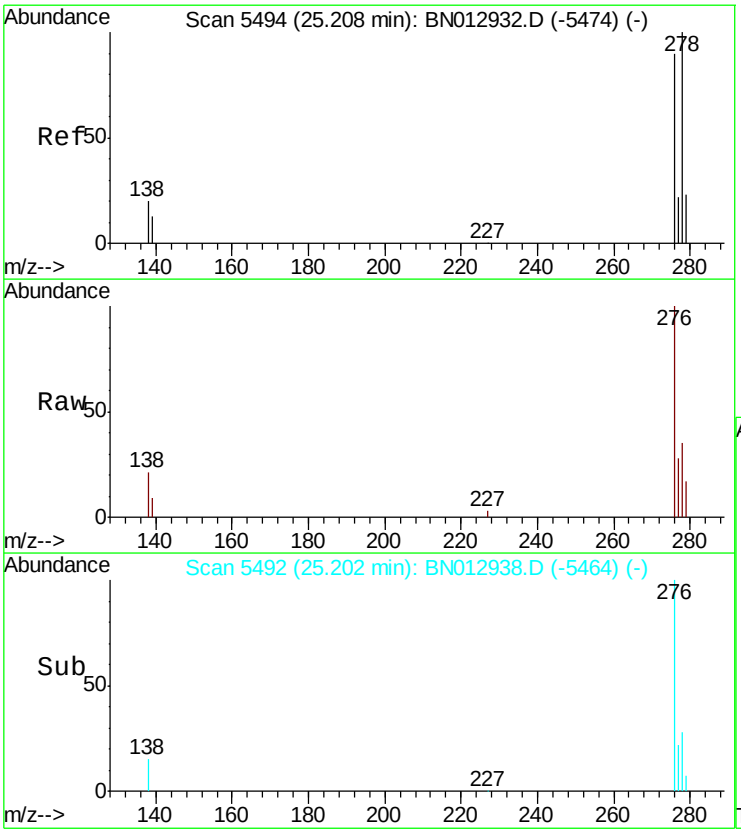
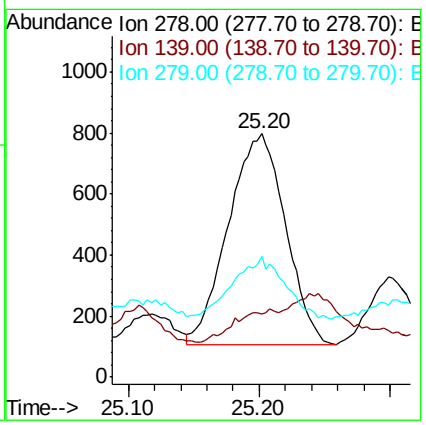


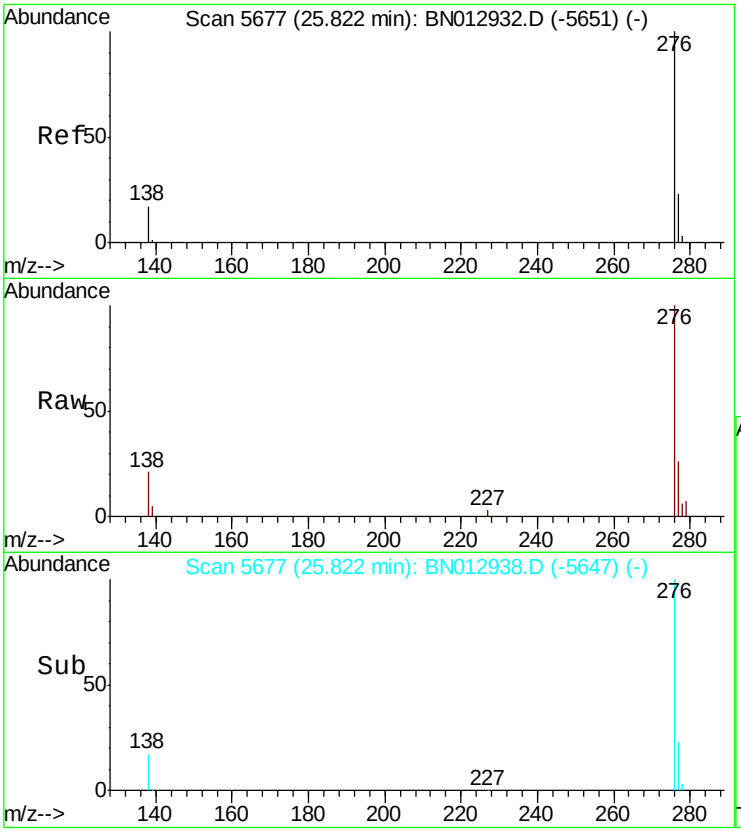


#25
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:278 Resp: 2081

Ion	Ratio	Lower	Upper
278	100		
139	25.8	14.5	21.7#
279	49.4	26.3	39.5#

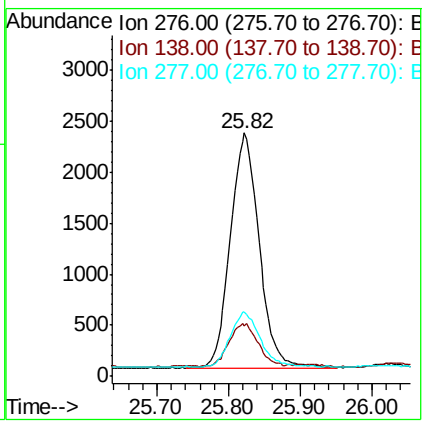




#26
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. -0.00 min
Lab File: BN012938.D
Acq: 07 Dec 2020 14:29

Tgt Ion:276 Resp: 6424

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.3	24.5
277	26.2	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
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