Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012917.D
Acq On : 06 Dec 2020 14:53
Operator : CG/JU
Sample : L4859-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B97

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Quant Time: Dec 07 03:14:57 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 : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1056	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4087	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	2413	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5443	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5442	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6271	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	566	0.09	ng/ul	-0.01
14) Fluoranthene-d10	18.86	212	1764	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	361	0.031	ng/ul#	71
5) 2-Methylnaphthalene	11.84	142	195	0.025	ng/ul	99
7) Acenaphthylene	13.77	152	975	0.085	ng/ul#	93
12) Phenanthrene	16.85	178	4715	0.258	ng/ul	100
13) Anthracene	16.95	178	1269	0.082	ng/ul#	93
15) Fluoranthene	18.88	202	15878	0.732	ng/ul	97
17) Pyrene	19.25	202	16526	0.643	ng/ul	99
18) Benzo(a)anthracene	21.02	228	9340	0.415	ng/ul	100
19) Chrysene	21.07	228	12109	0.487	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	21100m	0.727	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	7960m	0.248	ng/ul	
23) Benzo(a)pyrene	23.04	252	12952	0.481	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.19	276	10226	0.289	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	2712	0.097	ng/ul#	87
26) Benzo(g,h,i)perylene	25.82	276	9367	0.293	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012917.D
Acq On : 06 Dec 2020 14:53
Operator : CG/JU
Sample : L4859-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 07 03:14:57 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 : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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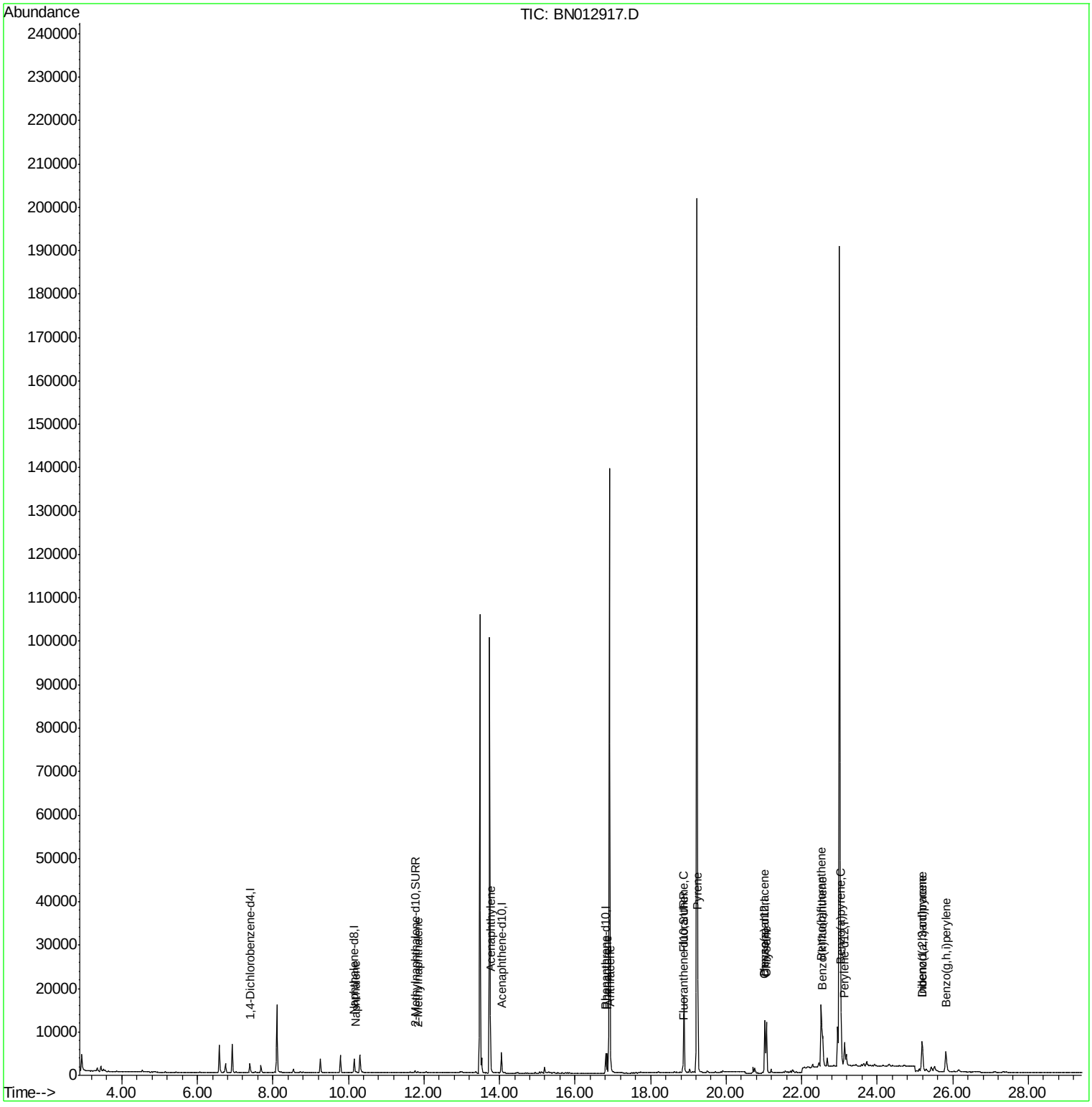

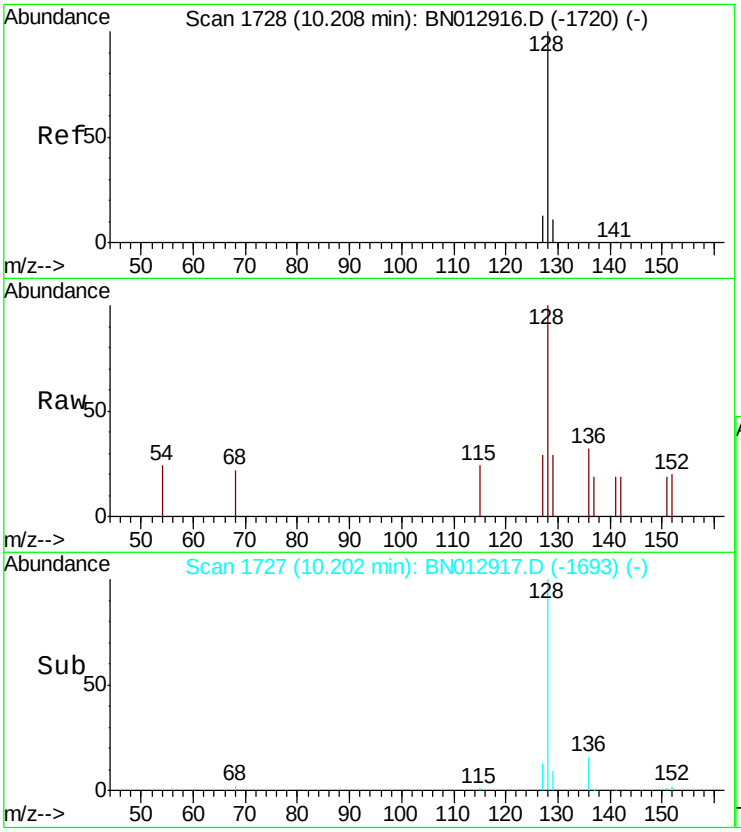

#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:128 Resp: 361

Ion	Ratio	Lower	Upper
128	100		
129	29.0	12.3	18.5#
127	29.0	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
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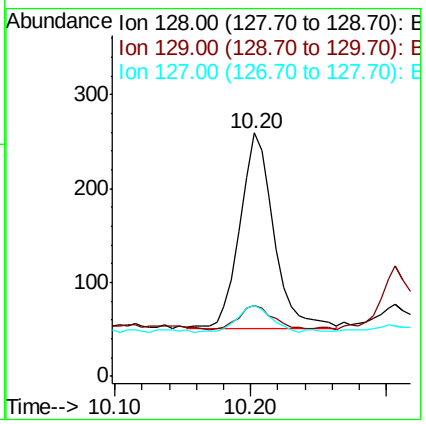
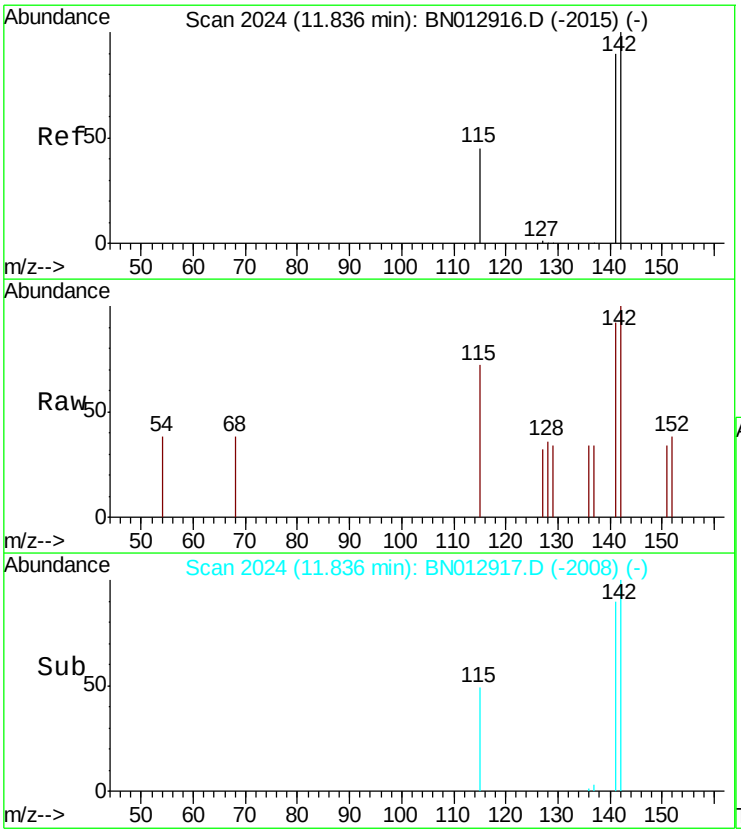
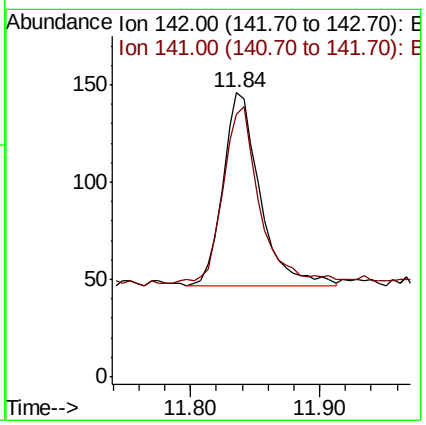


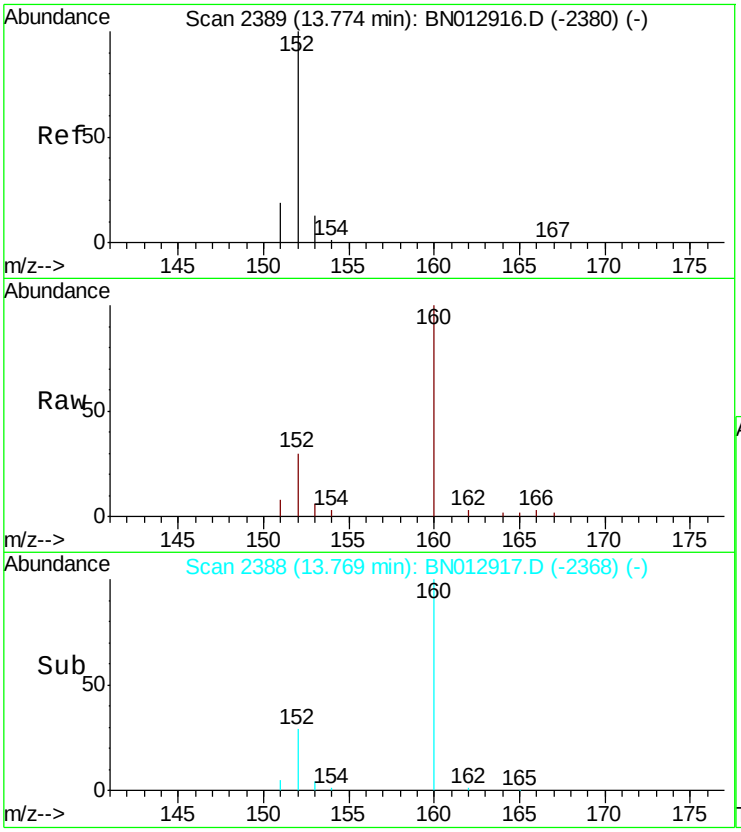


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:142 Resp: 195

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.6

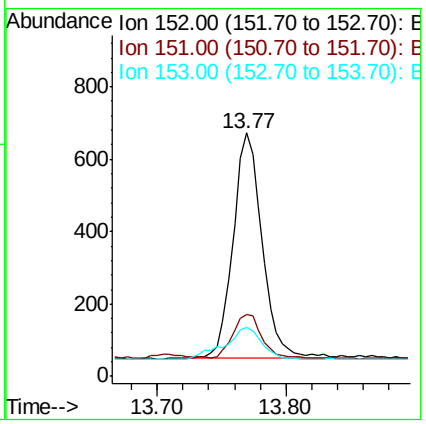




#7
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.77 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:152 Resp: 975

Ion	Ratio	Lower	Upper
152	100		
151	25.3	18.2	27.4
153	20.2	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0B97

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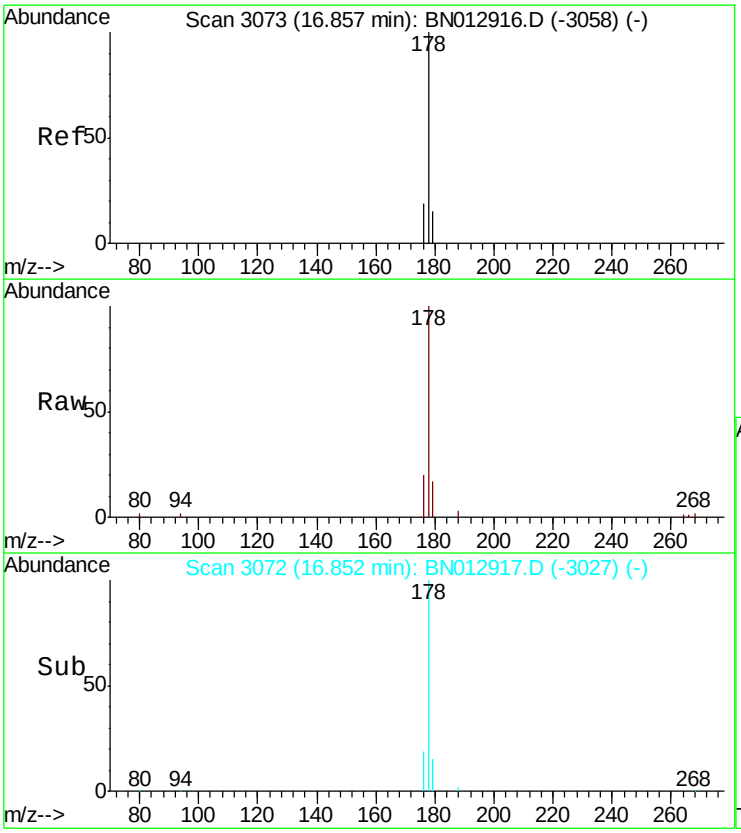
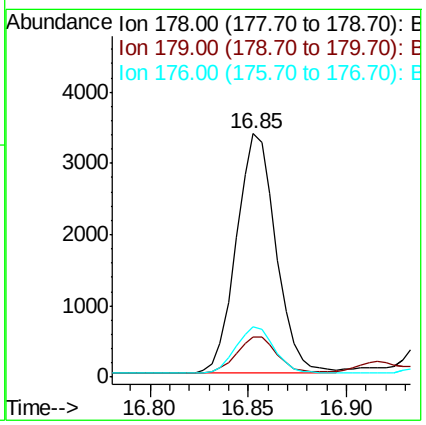
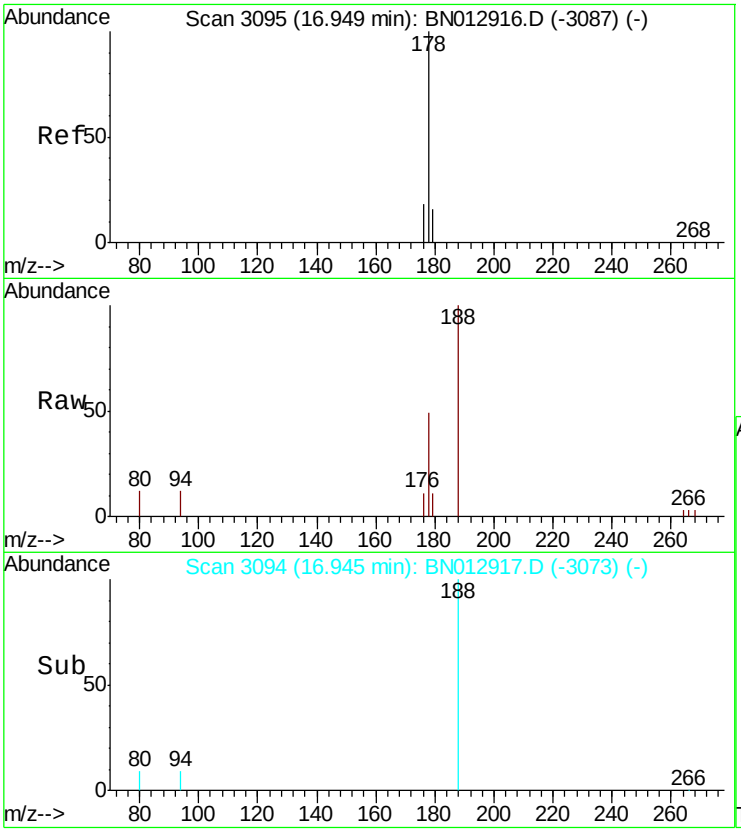


#12
Phenanthrene
Concen: 0.258 ng/ul
RT: 16.85 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:178 Resp: 4715

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.6	20.4
176	20.5	16.4	24.6

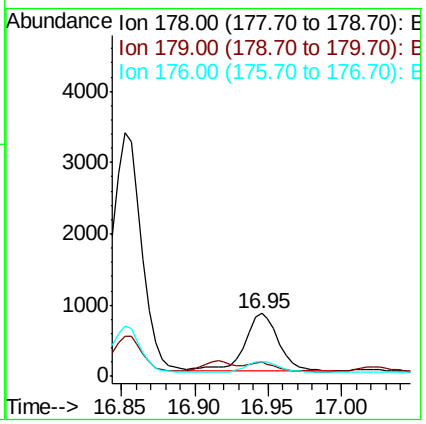




#13
Anthracene
Concen: 0.082 ng/ul
RT: 16.95 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:178 Resp: 1269

Ion	Ratio	Lower	Upper
178	100		
179	22.9	14.6	21.8#
176	23.2	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0B97

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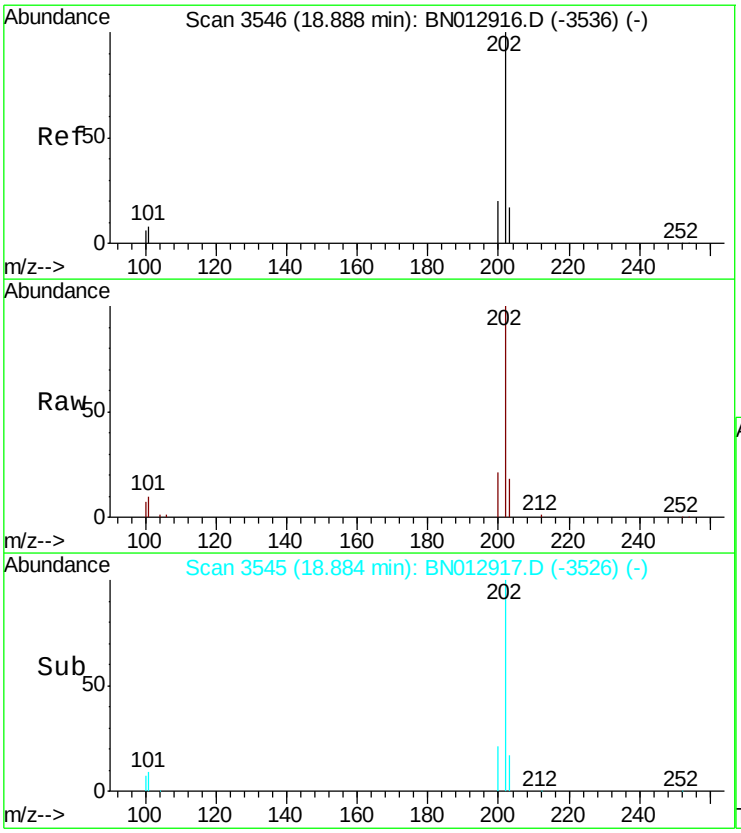
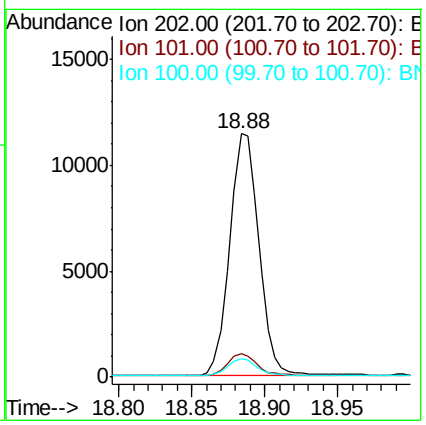
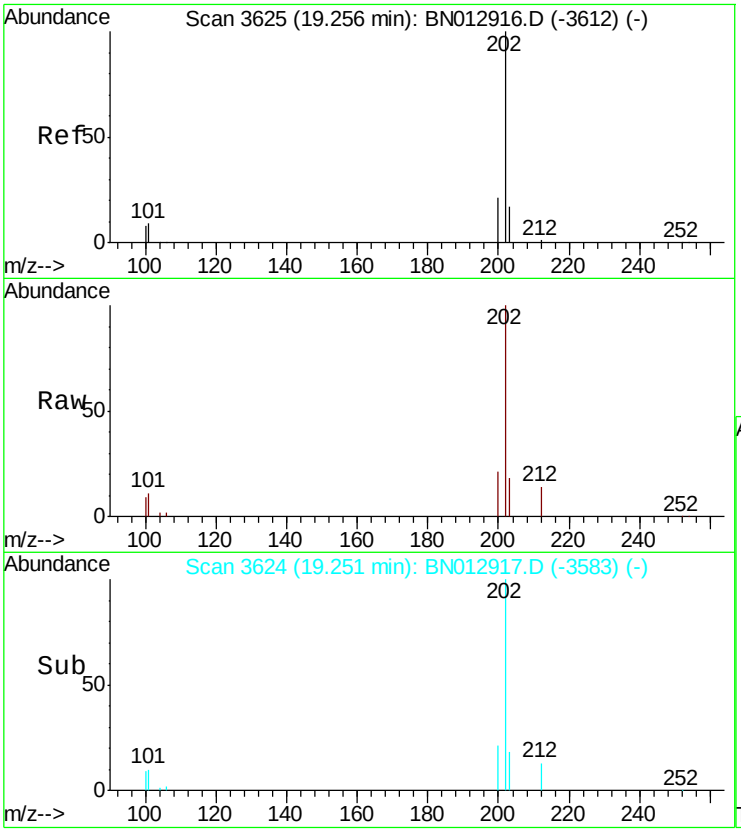


#15
Fluoranthene
Concen: 0.732 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:202 Resp: 15878

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.3	0.0	28.7





#17
Pyrene
Concen: 0.643 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:202 Resp: 16526

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	9.2	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B97

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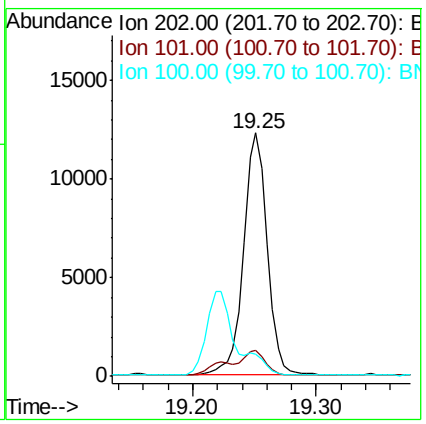
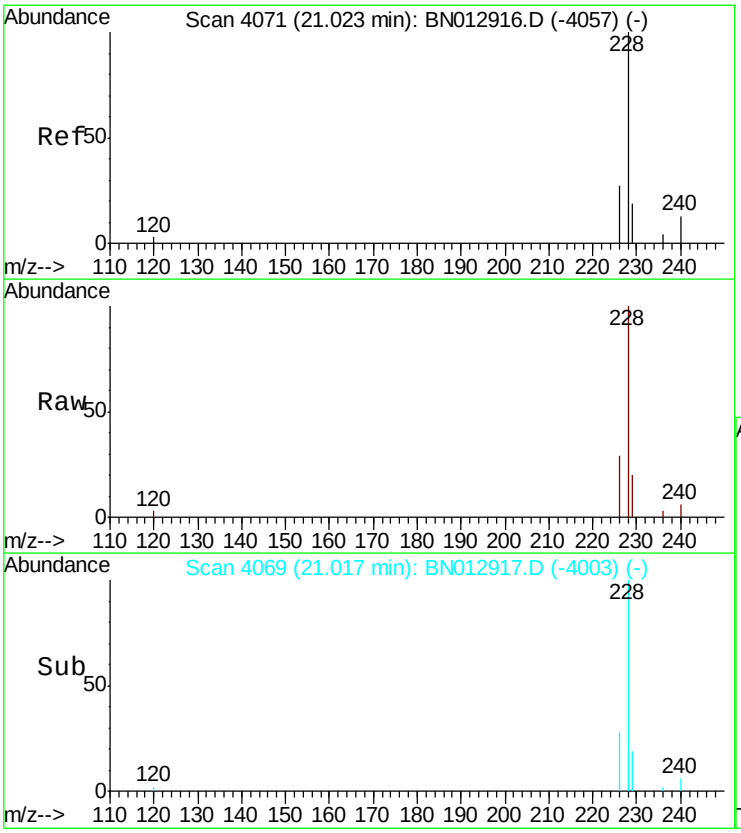
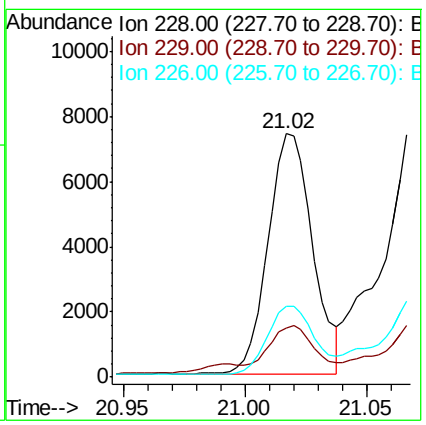


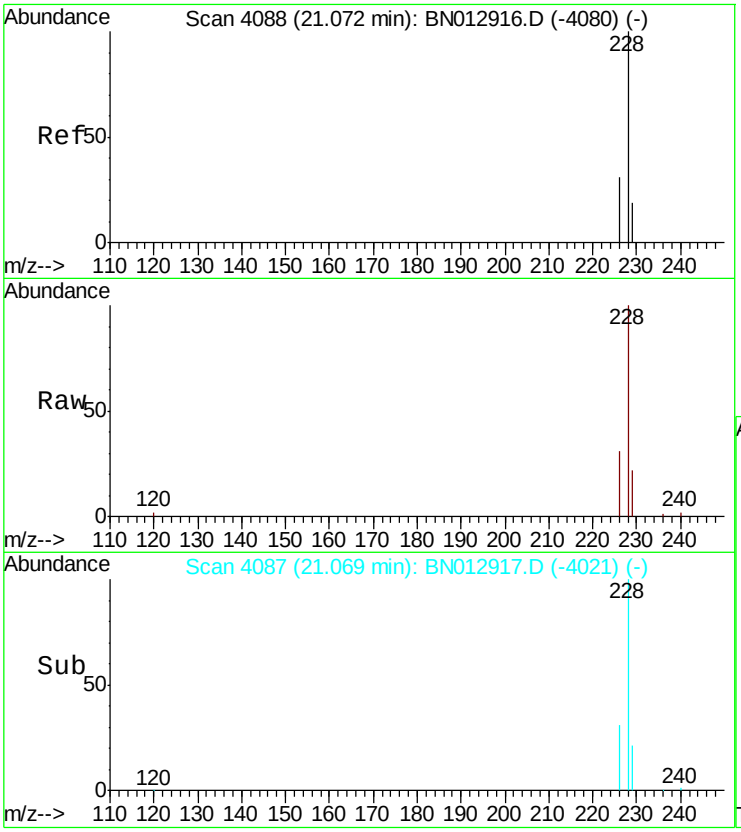


#18
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:228 Resp: 9340

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.3	24.5
226	29.1	23.4	35.2

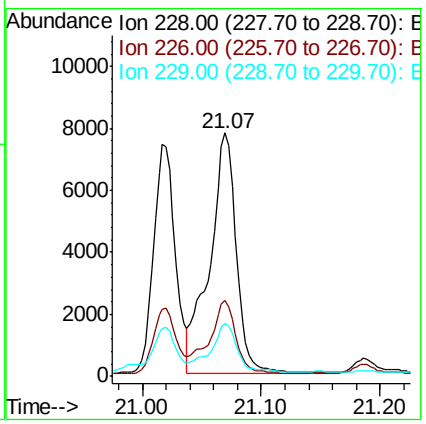




#19
Chrysene
Concen: 0.487 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:228 Resp: 12109

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.8	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B97

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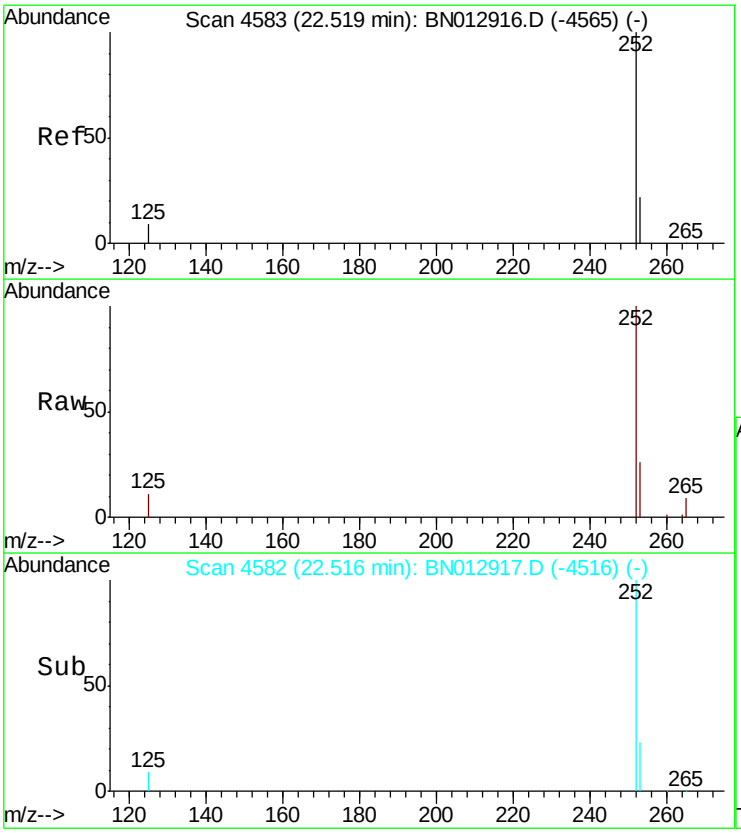
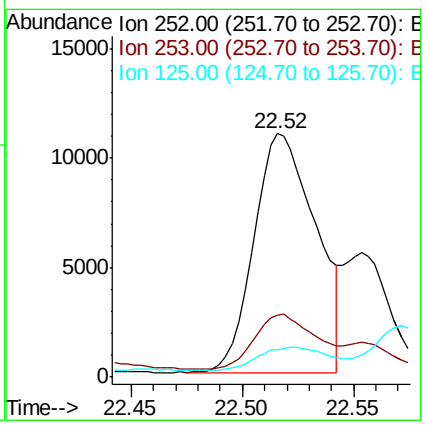
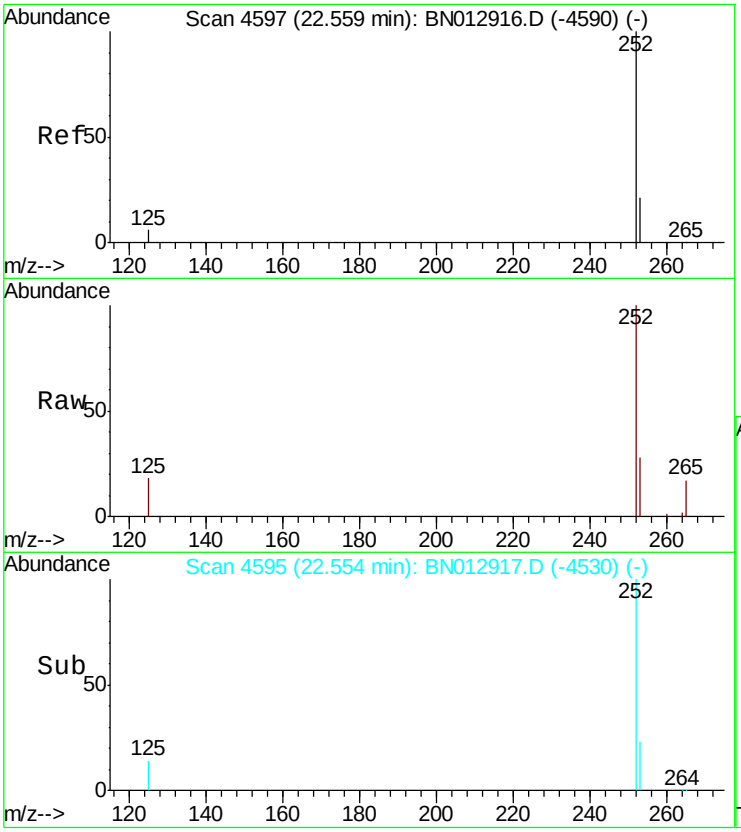


#21
Benzo(b)fluoranthene
Concen: 0.727 ng/ul m
RT: 22.52 min Scan# 4582
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:252 Resp: 21100

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	59.6
125	11.5	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:252 Resp: 7960

Ion	Ratio	Lower	Upper
252	100		
253	28.4	23.4	35.2
125	17.9	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0B97

Manual Integrations APPROVED
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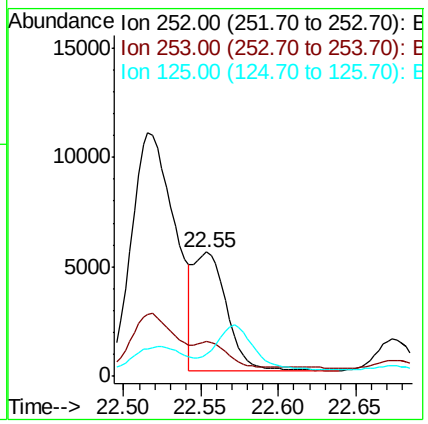
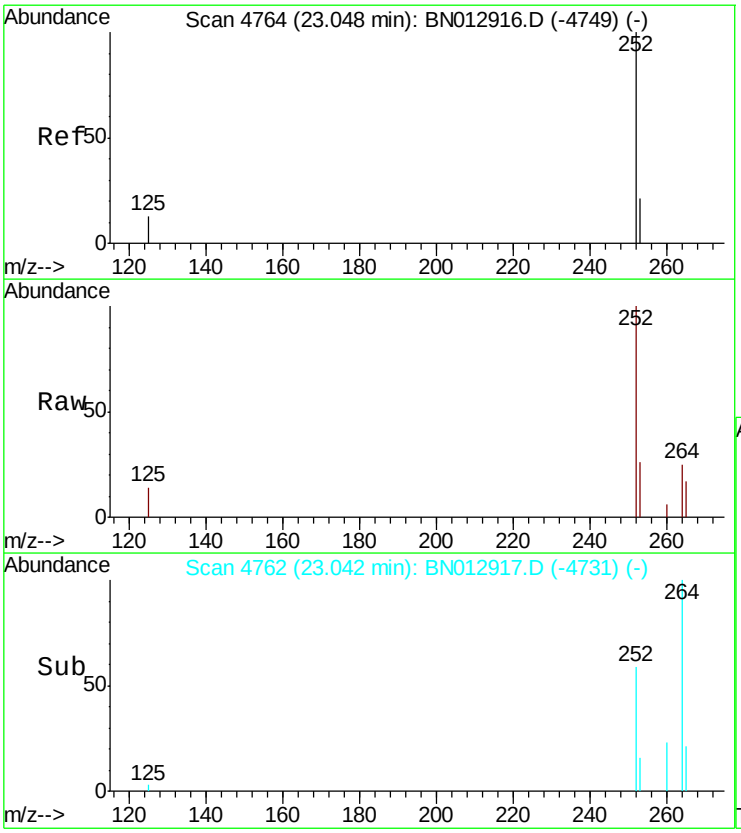
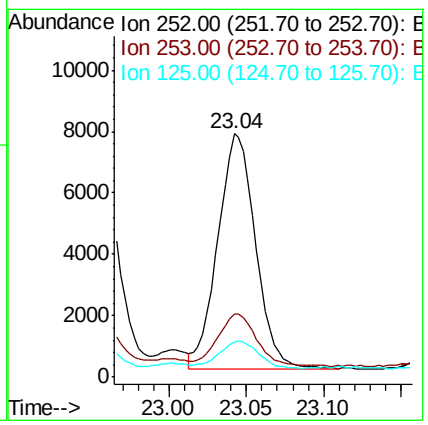


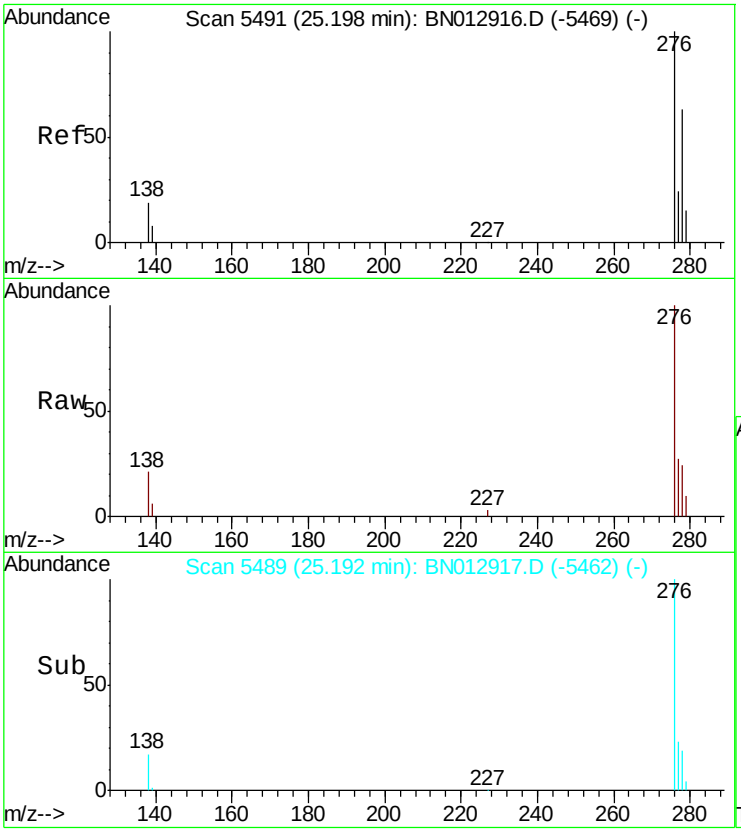


#23
Benzo(a)pyrene
Concen: 0.481 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:252 Resp: 12952

Ion	Ratio	Lower	Upper
252	100		
253	26.2	26.5	39.7#
125	14.3	14.2	21.2

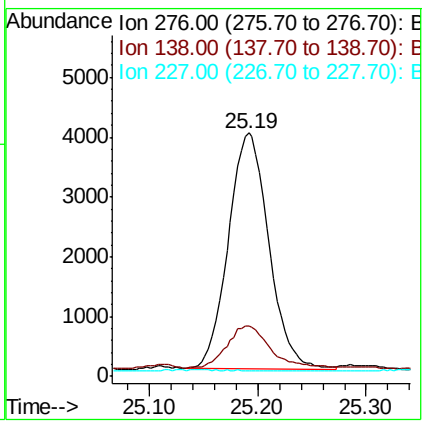




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.289 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:276 Resp: 10226

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.2	24.2
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
C0B97

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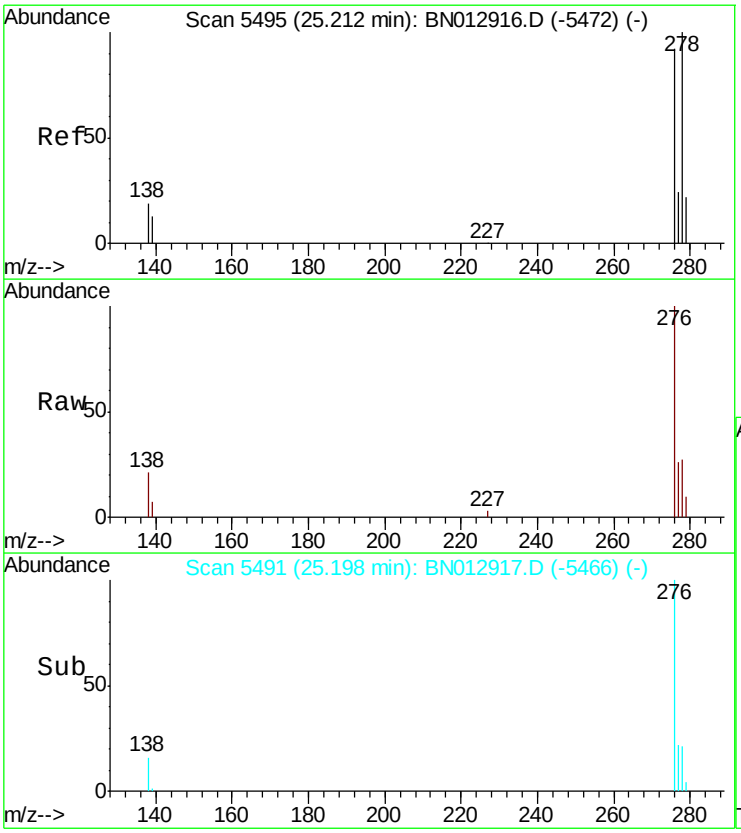
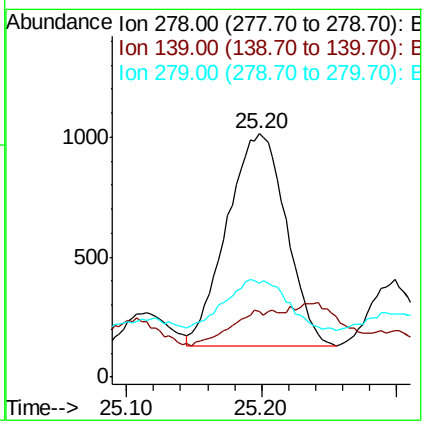
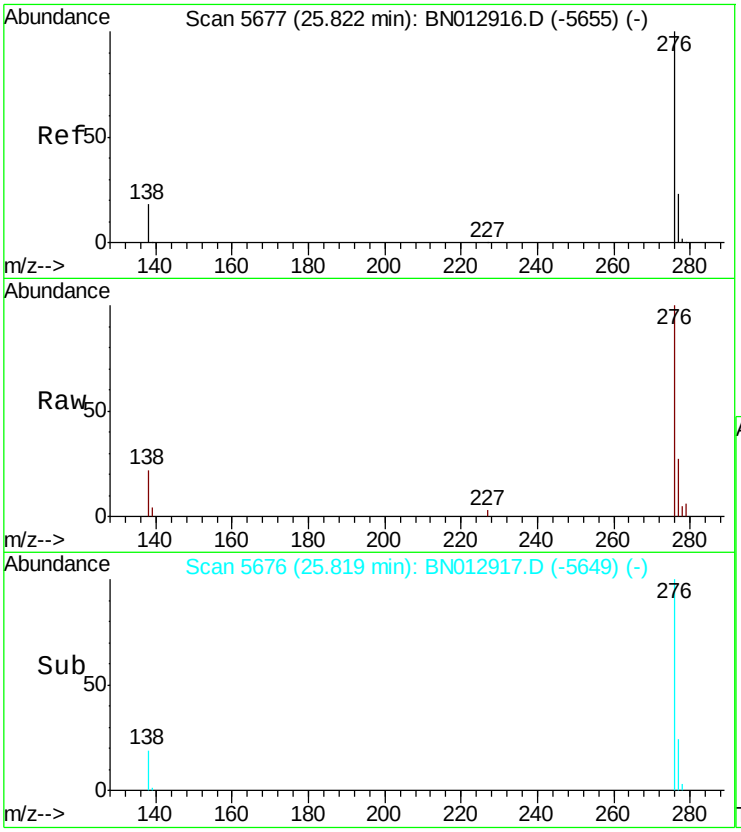


#25
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:278 Resp: 2712

Ion	Ratio	Lower	Upper
278	100		
139	27.1	14.5	21.7#
279	38.4	26.3	39.5

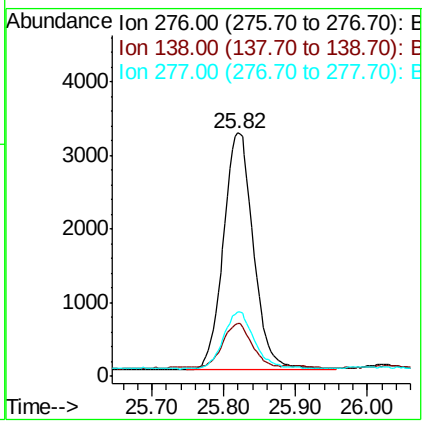




#26
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 25.82 min Scan# 5676
Delta R.T. -0.01 min
Lab File: BN012917.D
Acq: 06 Dec 2020 14:53

Tgt Ion:276 Resp: 9367

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.3	24.5
277	26.6	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B97

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