Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011329.D
Acq On : 03 Aug 2020 10:14
Operator : CG/JU
Sample : L3388-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE5

Manual Integrations APPROVED
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8/5/2020 10:27:07 AM

Quant Time: Aug 03 10:53:38 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 : Mon Aug 03 10:06:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1608	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	5822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	3597	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	8240m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	7865	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	8588	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2660	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	6584	0.17	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.89	178	1052	0.039	ng/ul#	86
15) Fluoranthene	18.92	202	6672	0.198	ng/ul	96
17) Pyrene	19.28	202	5354m	0.150	ng/ul	
18) Benzo(a)anthracene	21.05	228	4983	0.165	ng/ul	98
19) Chrysene	21.10	228	5685	0.164	ng/ul	97
21) Benzo(b)fluoranthene	22.57	252	6903m	0.193	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	2634m	0.066	ng/ul	
23) Benzo(a)pyrene	23.09	252	3880	0.125	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.25	276	2294	0.070	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.27	278	694	0.027	ng/ul#	28
26) Benzo(g,h,i)perylene	25.88	276	2136	0.072	ng/ul#	82

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE5

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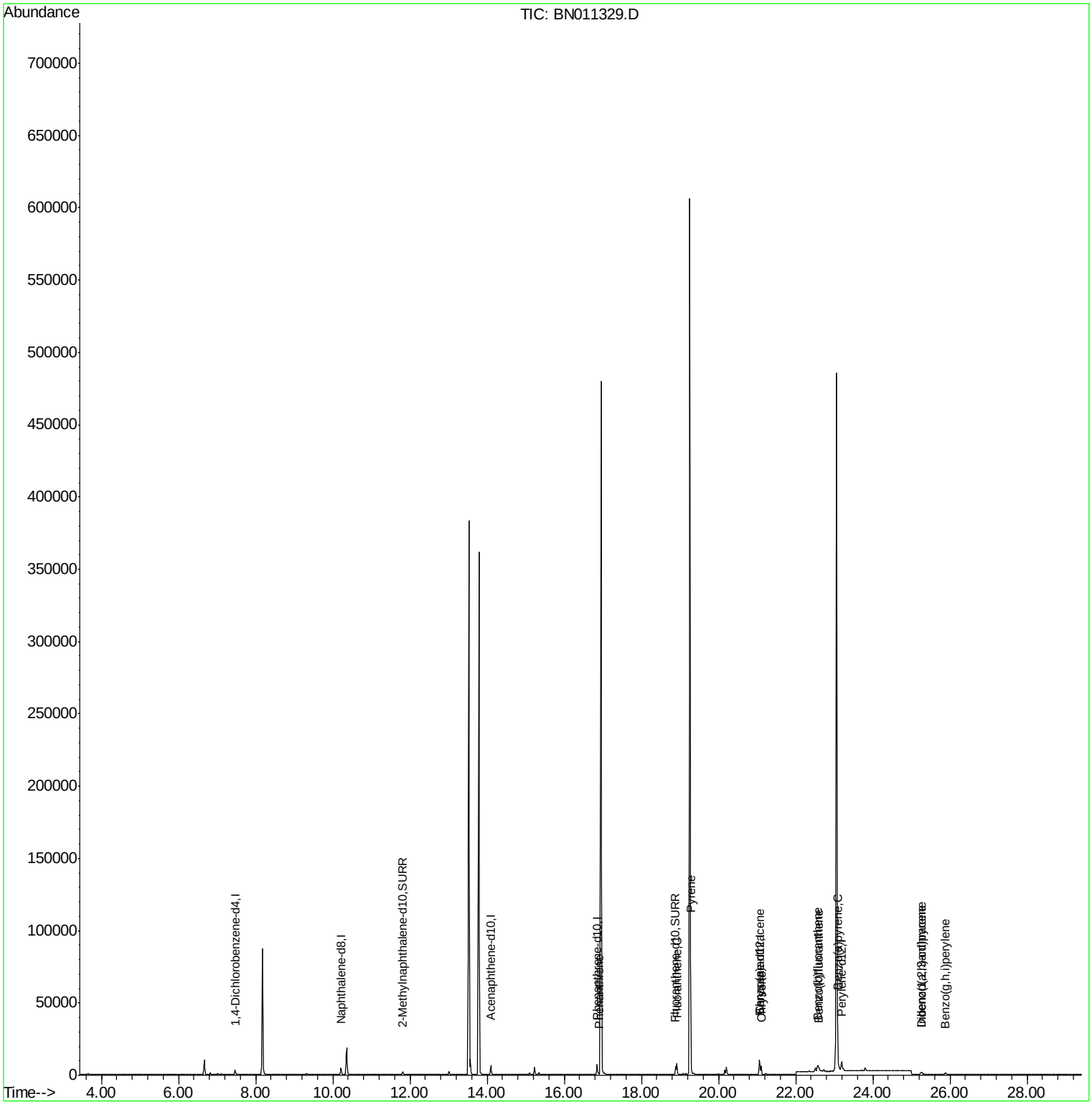

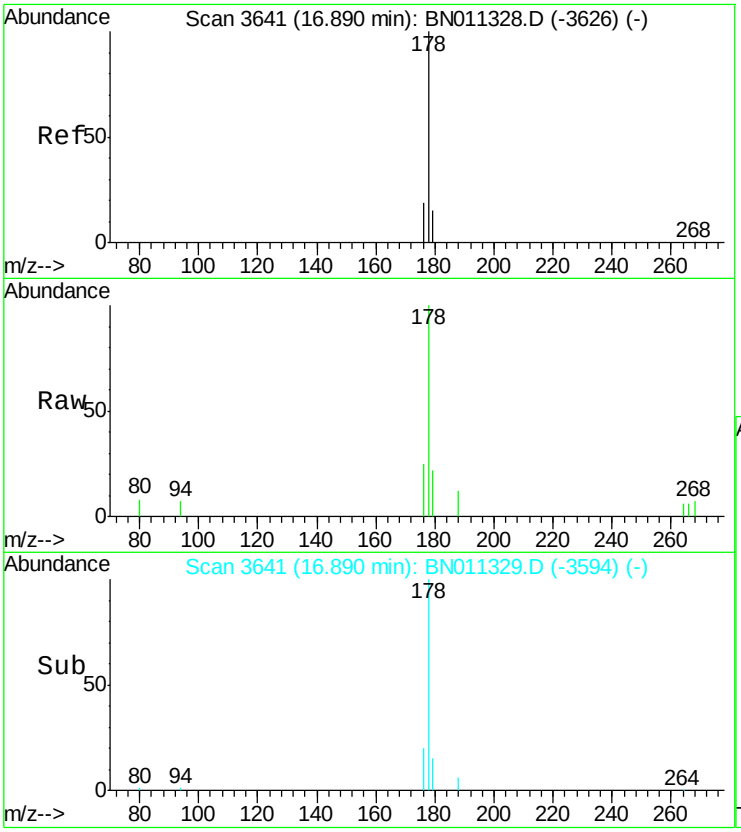

#12
Phenanthrene
Concen: 0.039 ng/ul
RT: 16.89 min Scan# 3641
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:178 Resp: 1052

Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.6	18.8#
176	25.3	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
C0AE5

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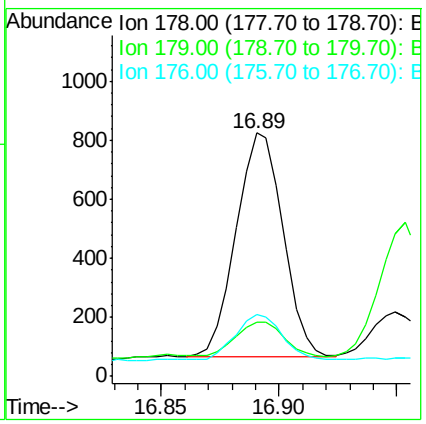
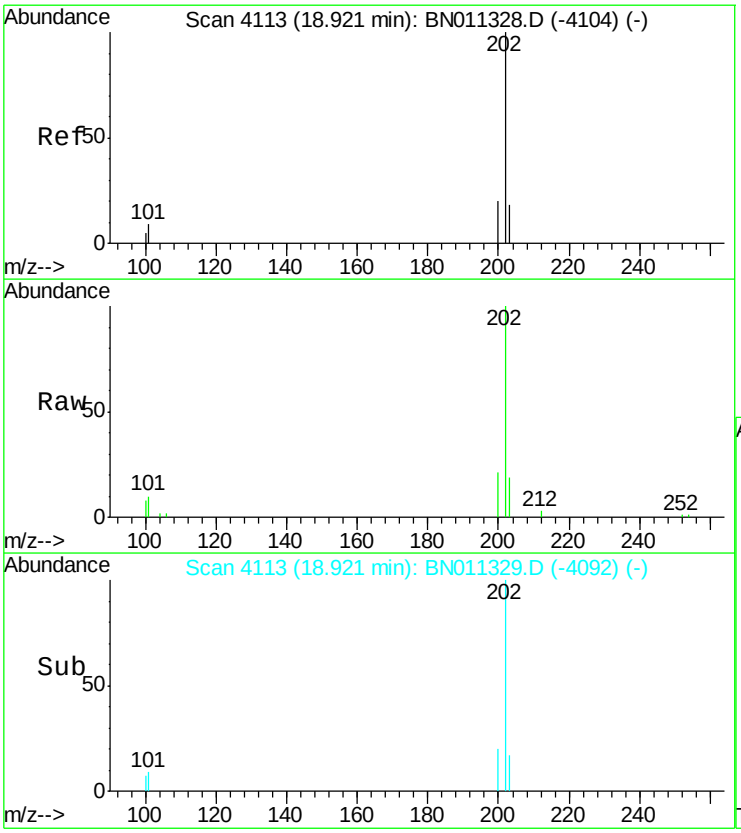
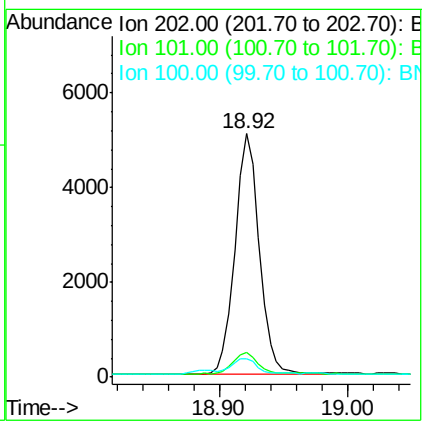


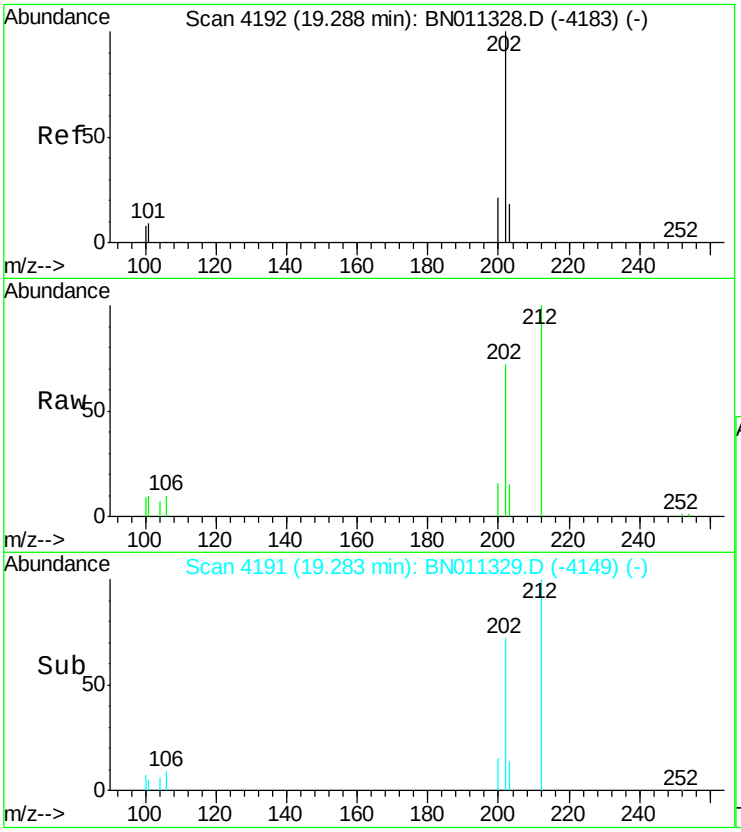


#15
Fluoranthene
Concen: 0.198 ng/ul
RT: 18.92 min Scan# 4113
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:202 Resp: 6672

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.2
100	7.7	0.0	26.8

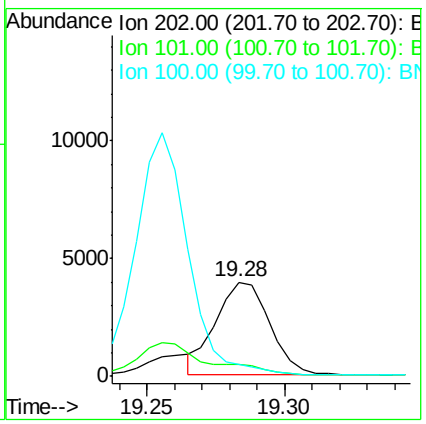




#17
Pyrene
Concen: 0.150 ng/ul m
RT: 19.28 min Scan# 4191
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:202 Resp: 5354

Ion	Ratio	Lower	Upper
202	100		
101	13.1	8.5	12.7#
100	12.5	7.1	10.7#



Instrument :
BNA_N
ClientSampleId :
C0AE5

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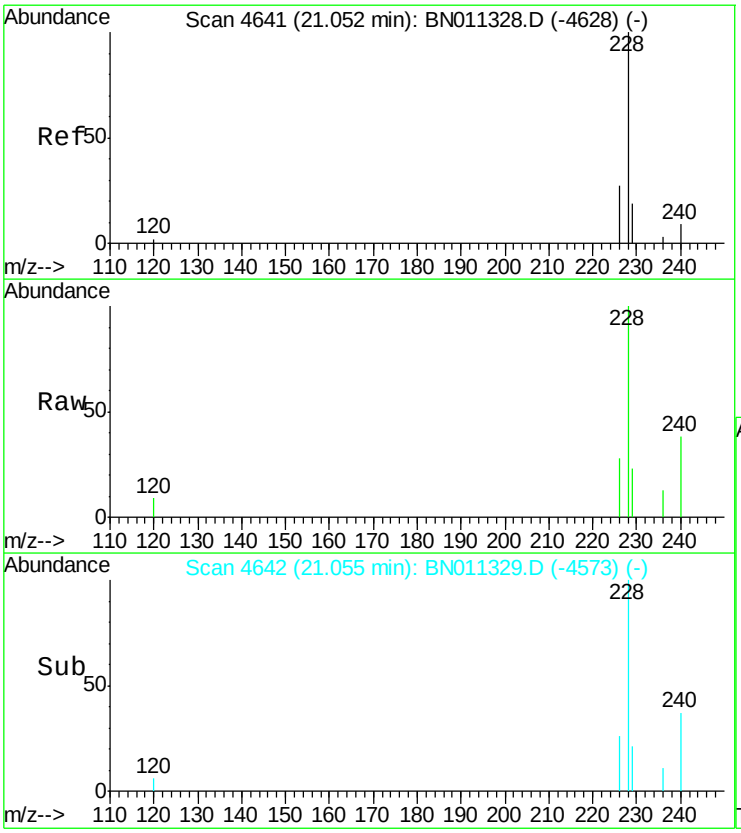
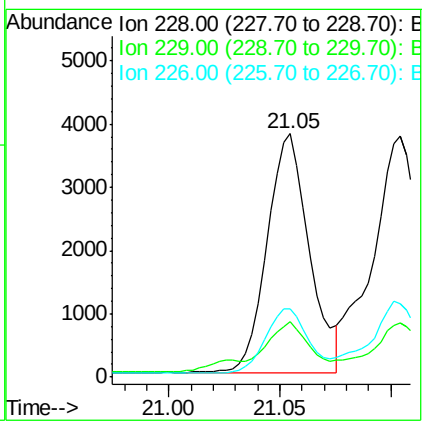
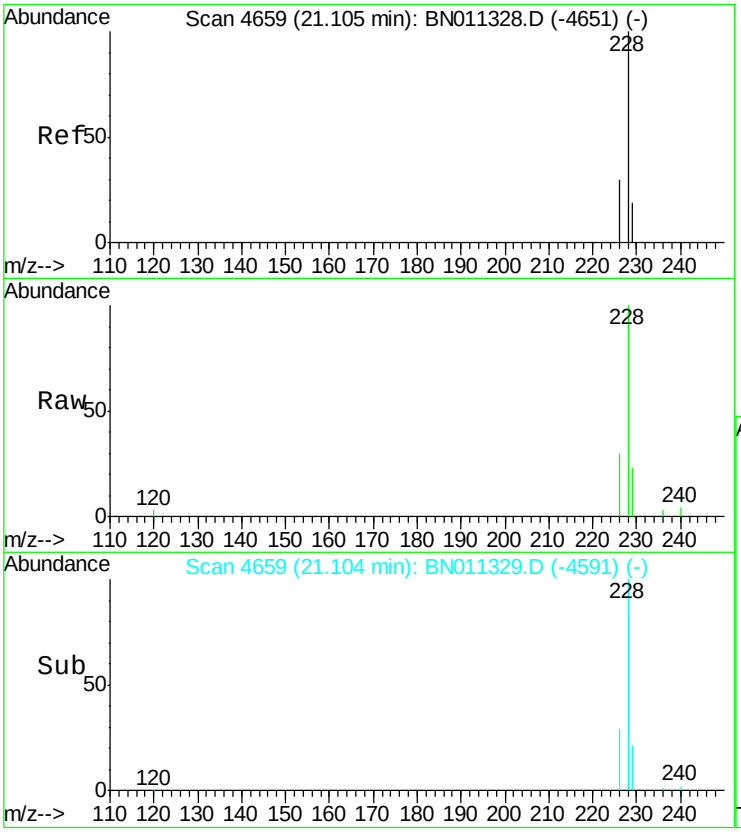


#18
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.05 min Scan# 4642
Delta R.T. 0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:228 Resp: 4983

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.1	24.1
226	27.8	22.2	33.2

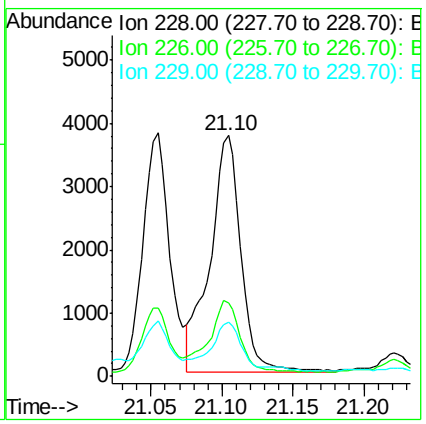




#19
Chrysene
Concen: 0.164 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:228 Resp: 5685

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.6	15.8	23.6



Instrument :
BNA_N
ClientSampleId :
C0AE5

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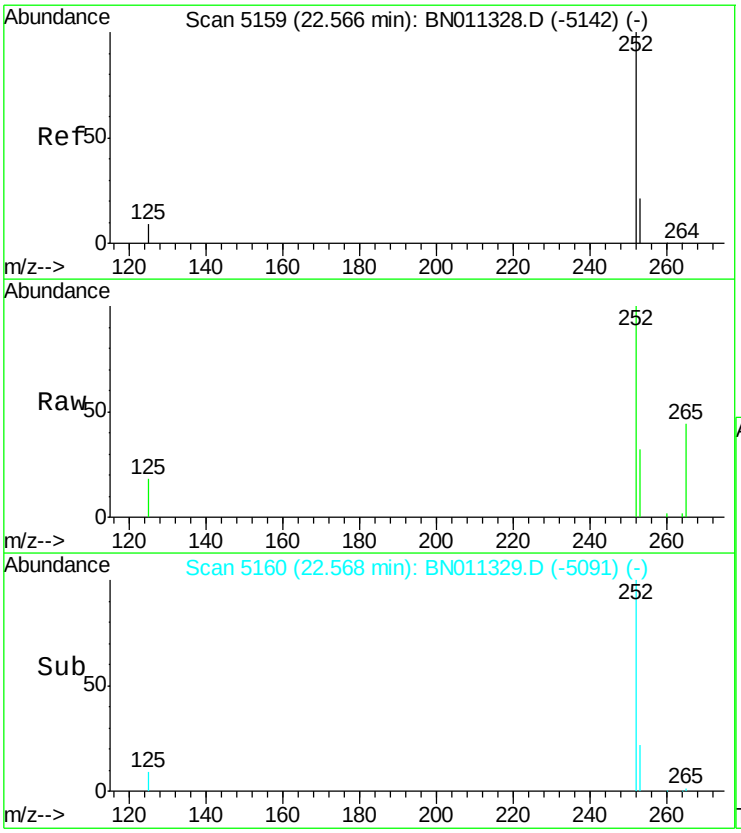
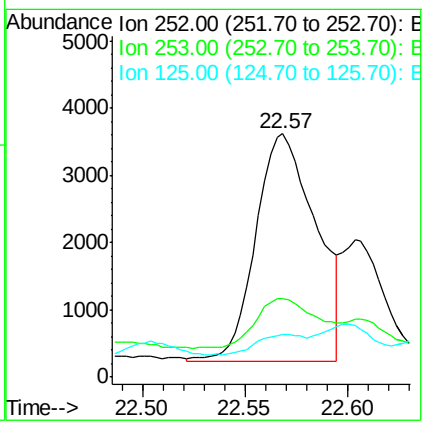
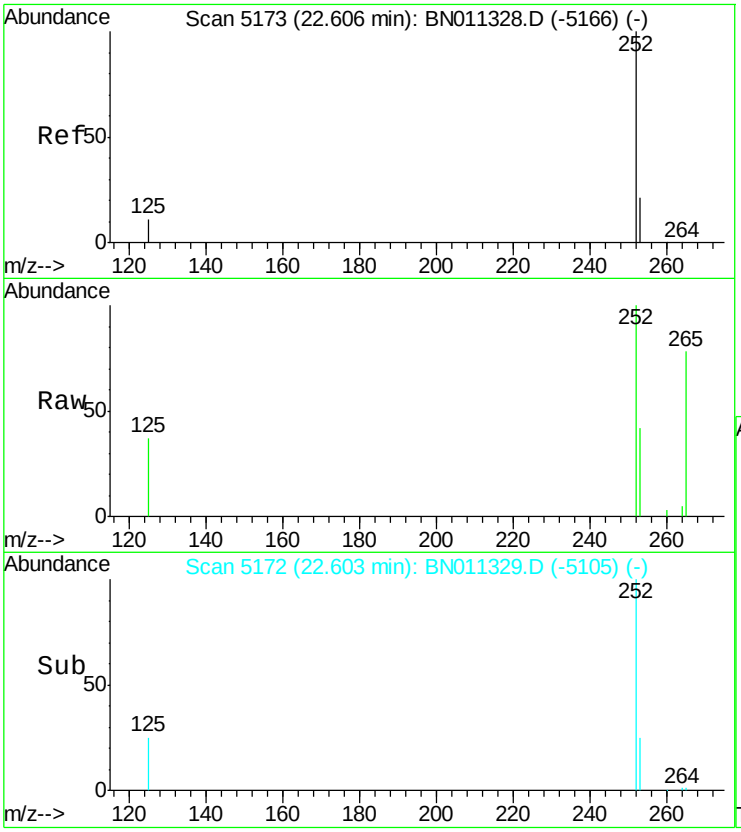


#21
Benzo(b)fluoranthene
Concen: 0.193 ng/ul m
RT: 22.57 min Scan# 5160
Delta R.T. 0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:252 Resp: 6903

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	51.8
125	17.6	0.0	24.2





#22
Benzo(k)fluoranthene
Concen: 0.066 ng/ul m
RT: 22.60 min Scan# 5172
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:252 Resp: 2634

Ion	Ratio	Lower	Upper
252	100		
253	42.3	21.4	32.0#
125	37.2	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
C0AE5

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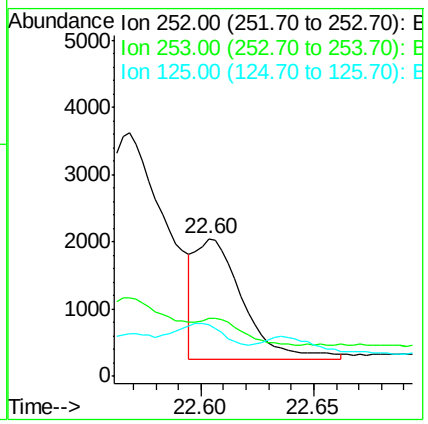
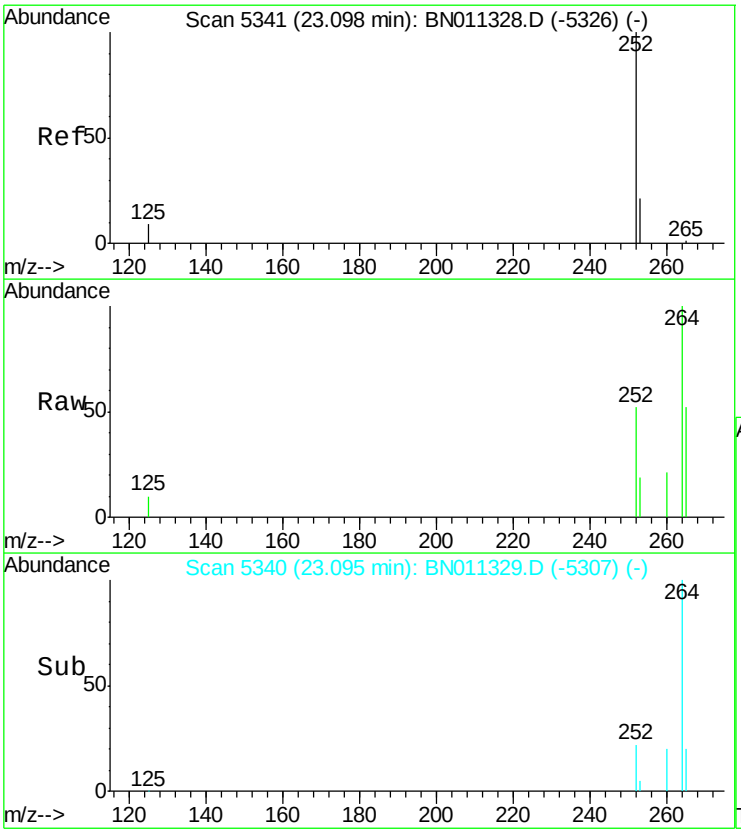
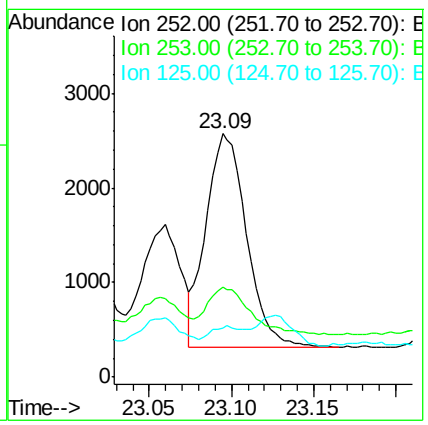


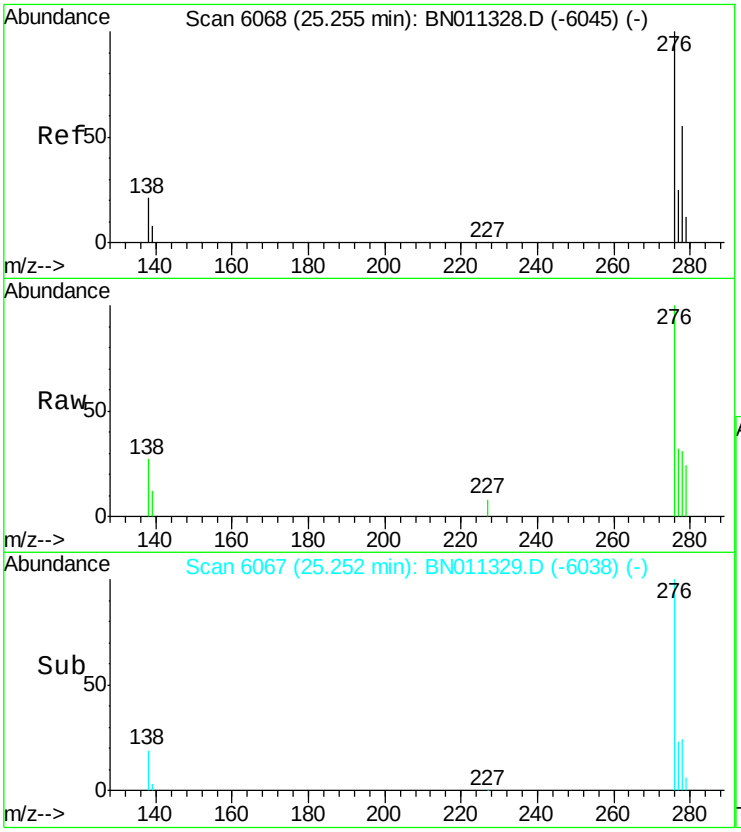


#23
Benzo(a)pyrene
Concen: 0.125 ng/ul
RT: 23.09 min Scan# 5340
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:252 Resp: 3880

Ion	Ratio	Lower	Upper
252	100		
253	36.9	22.6	34.0#
125	20.2	12.6	18.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 25.25 min Scan# 6067
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:276 Resp: 2294

Ion	Ratio	Lower	Upper
276	100		
138	18.5	18.1	27.1
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0AE5

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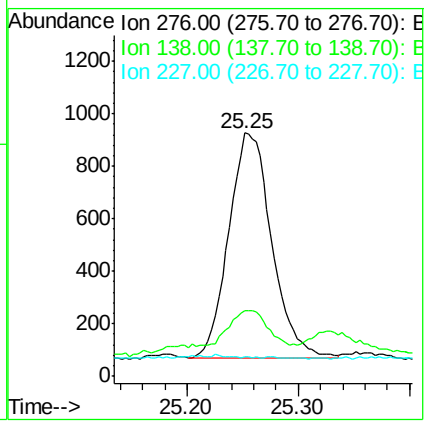
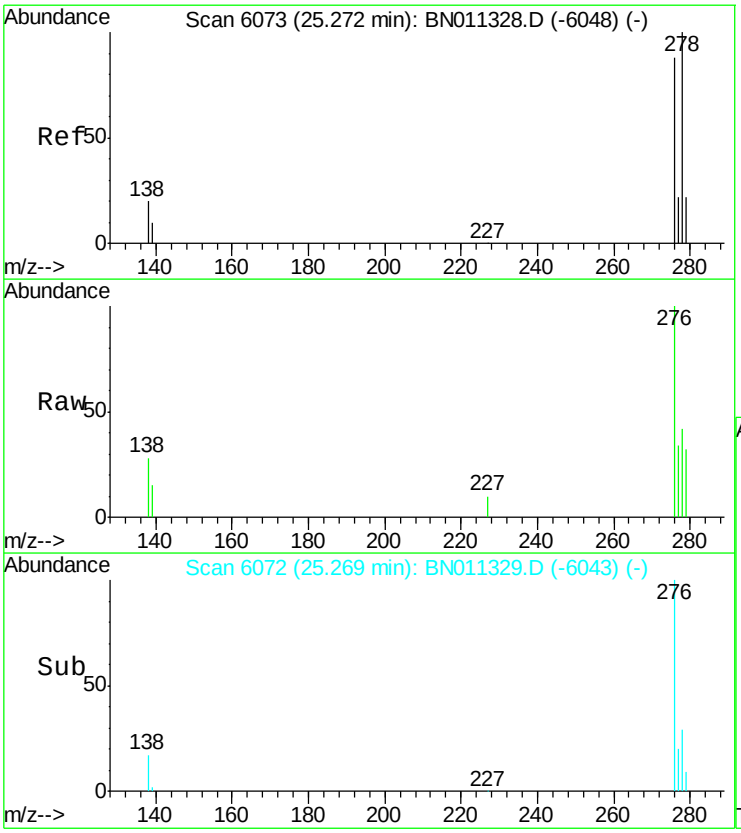
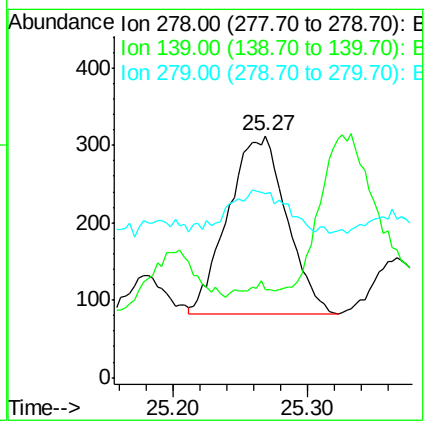


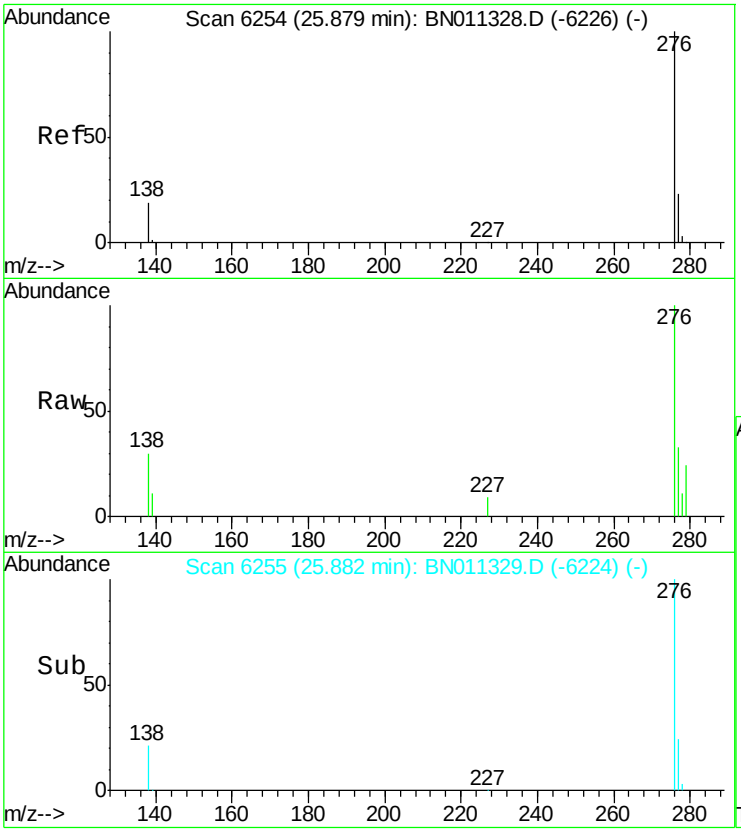


#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.27 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:278 Resp: 694

Ion	Ratio	Lower	Upper
278	100		
139	36.5	14.0	21.0#
279	76.3	22.9	34.3#

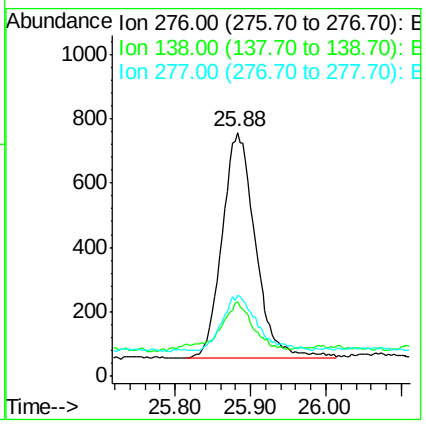




#26
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 25.88 min Scan# 6255
Delta R.T. 0.00 min
Lab File: BN011329.D
Acq: 03 Aug 2020 10:14

Tgt Ion:276 Resp: 2136

Ion	Ratio	Lower	Upper
276	100		
138	30.4	16.4	24.6#
277	33.2	20.2	30.4#



Instrument :
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