Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011330.D
Acq On : 03 Aug 2020 10:53
Operator : CG/JU
Sample : L3388-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

Manual Integrations APPROVED
mohammad
8/5/2020 10:27:09 AM

Quant Time: Aug 03 11:25:39 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	1884	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	6999	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	4435	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	10036	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	9111	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	9748	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2671	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	7386	0.15	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.89	178	681	0.020	ng/ul#	80
15) Fluoranthene	18.92	202	2341	0.057	ng/ul	90
17) Pyrene	19.28	202	2067m	0.050	ng/ul	
18) Benzo(a)anthracene	21.05	228	1526	0.044	ng/ul#	91
19) Chrysene	21.10	228	1574	0.039	ng/ul#	91
21) Benzo(b)fluoranthene	22.57	252	2453m	0.060	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	1213m	0.027	ng/ul	
23) Benzo(a)pyrene	23.09	252	1610	0.046	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.26	276	1098	0.030	ng/ul#	91
26) Benzo(g,h,i)perylene	25.88	276	1025	0.031	ng/ul#	68

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

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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE2

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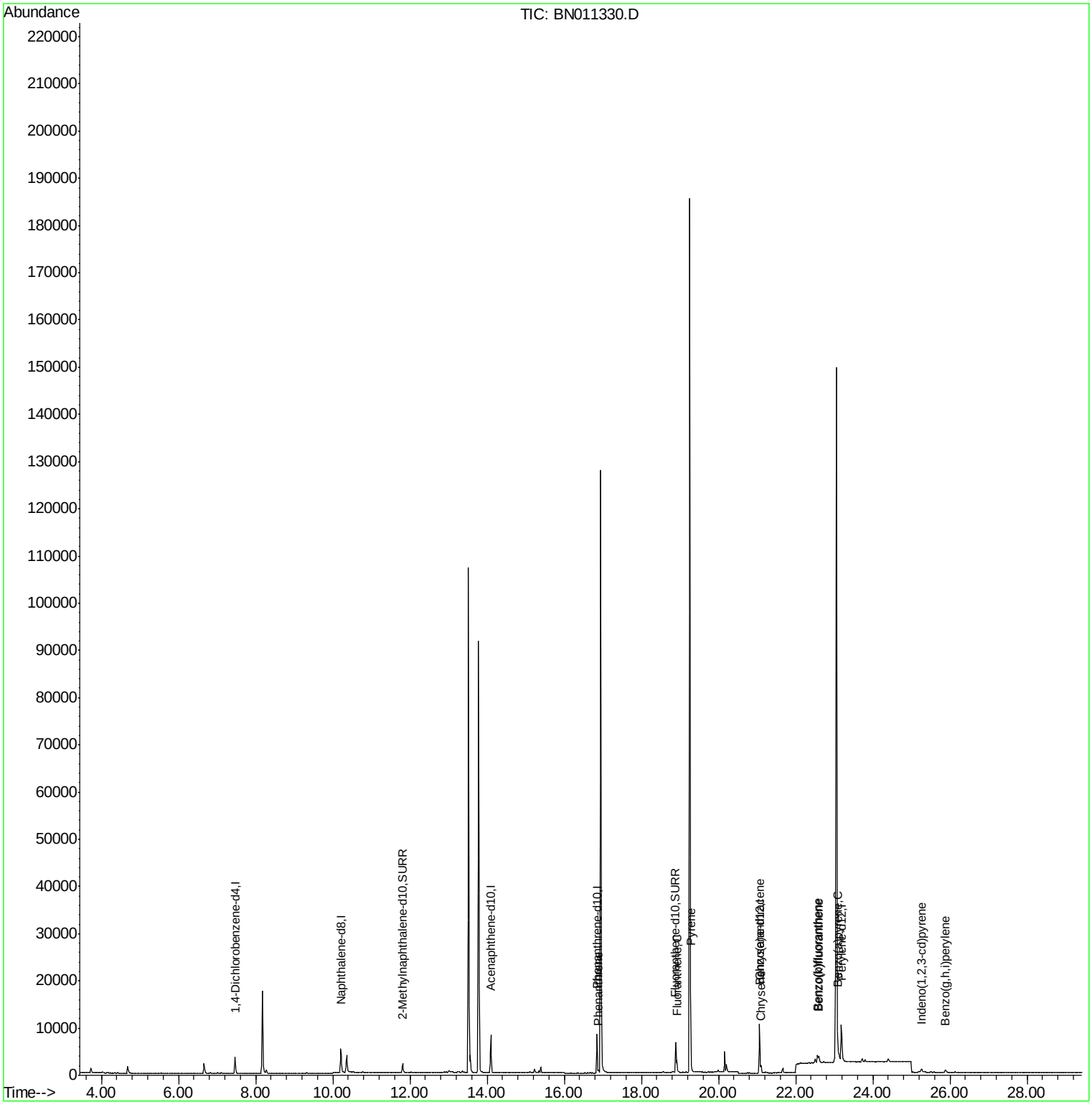

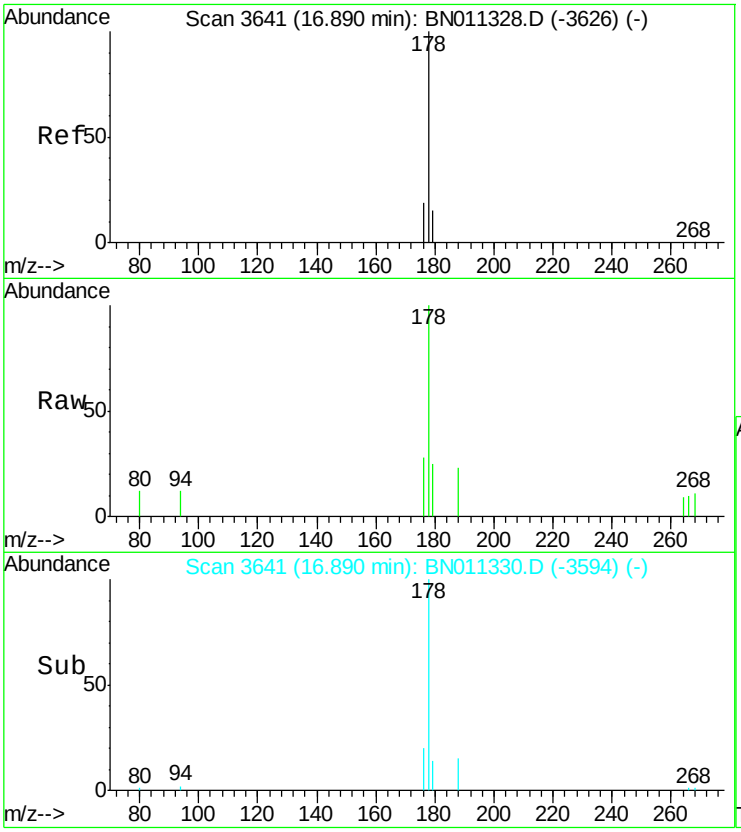

#12
Phenanthrene
Concen: 0.020 ng/ul
RT: 16.89 min Scan# 3641
Delta R.T. 0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:178 Resp: 681

Ion	Ratio	Lower	Upper
178	100		
179	25.2	12.6	18.8#
176	28.0	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
C0AE2

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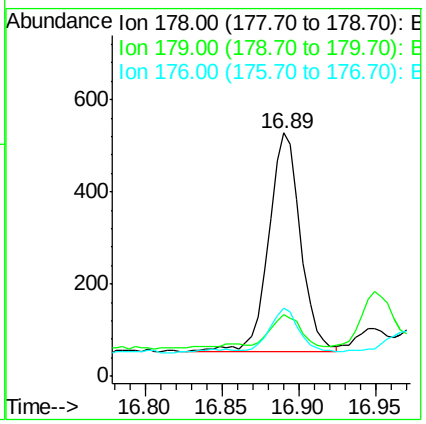
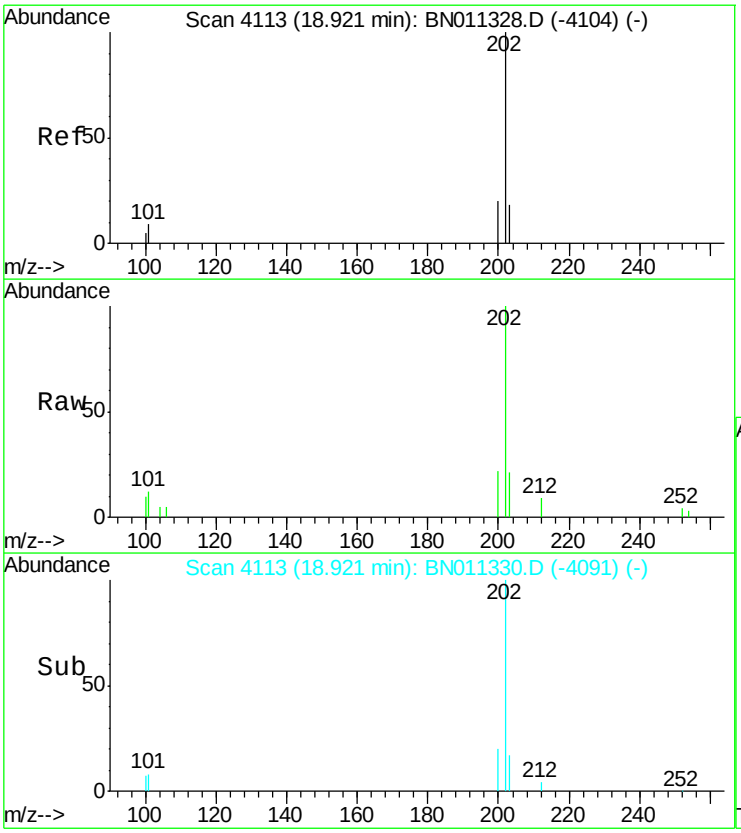
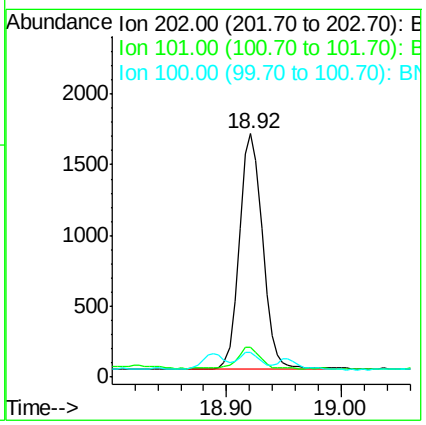


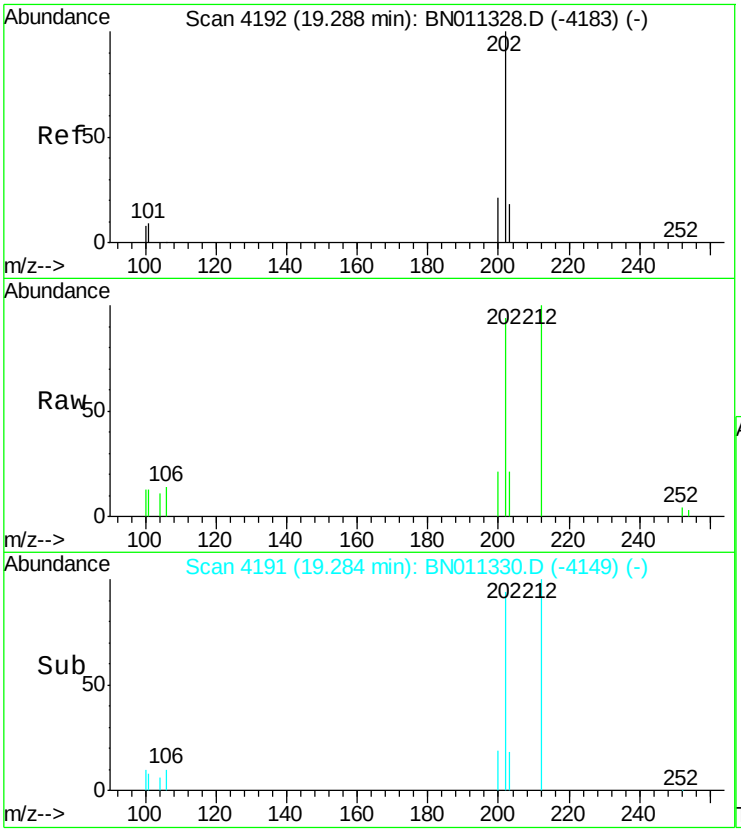


#15
Fluoranthene
Concen: 0.057 ng/ul
RT: 18.92 min Scan# 4113
Delta R.T. -0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:202 Resp: 2341

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	28.2
100	9.9	0.0	26.8

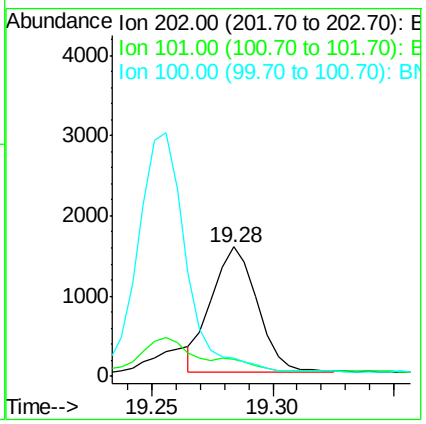




#17
Pyrene
Concen: 0.050 ng/ul m
RT: 19.28 min Scan# 4191
Delta R.T. -0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:202 Resp: 2067

Ion	Ratio	Lower	Upper
202	100		
101	13.4	8.5	12.7#
100	13.8	7.1	10.7#



Instrument :
BNA_N
ClientSampleId :
C0AE2

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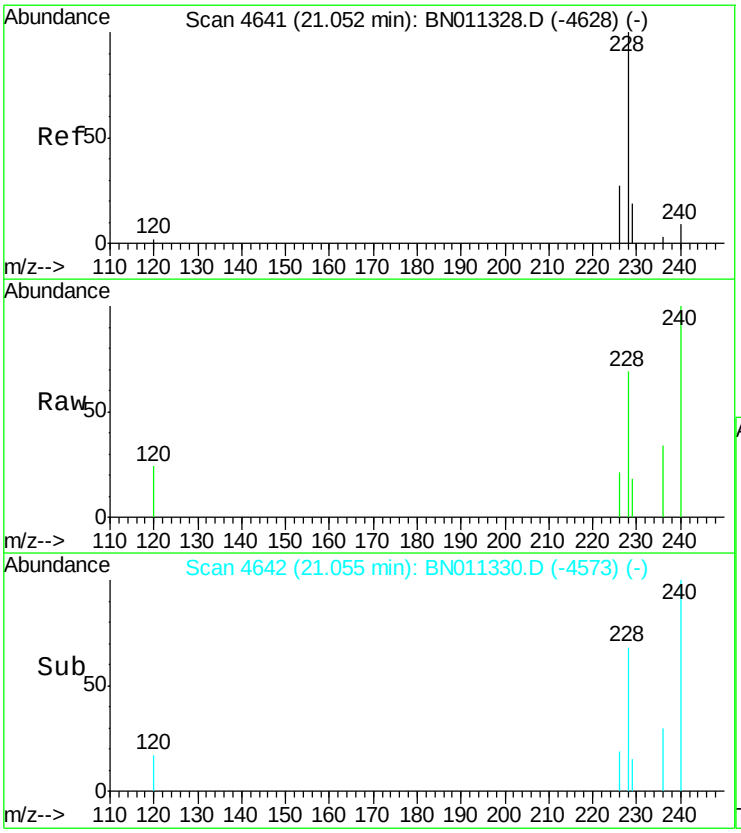
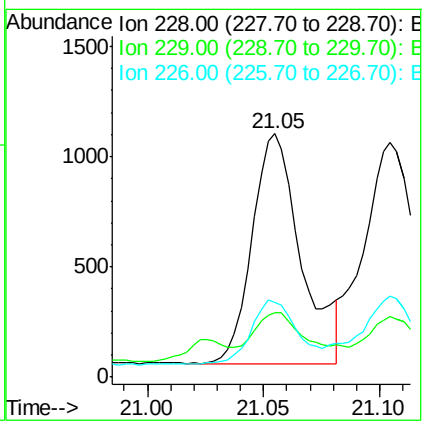
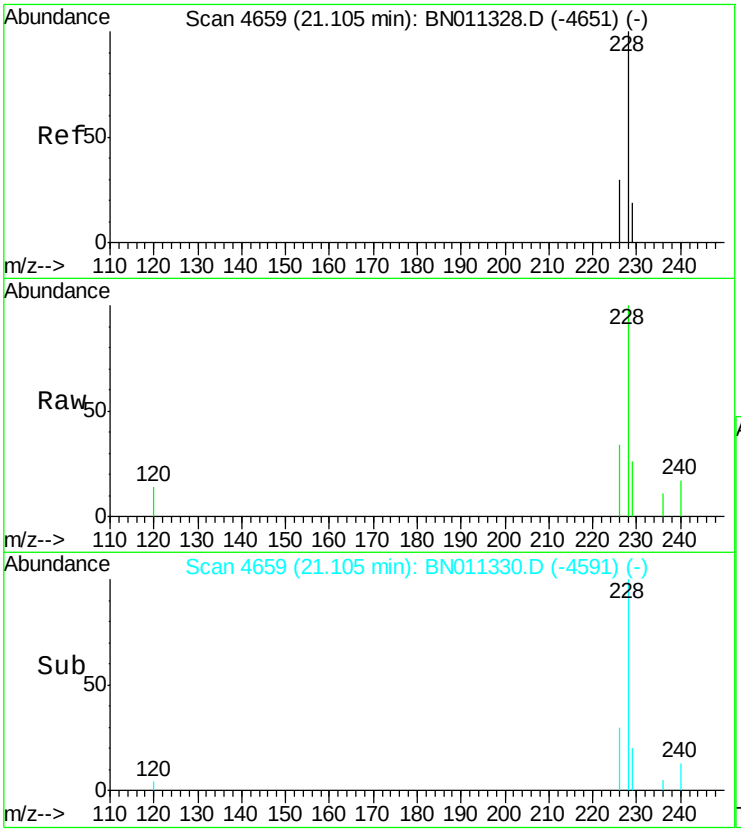


#18
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.05 min Scan# 4642
Delta R.T. 0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:228 Resp: 1526

Ion	Ratio	Lower	Upper
228	100		
229	26.3	16.1	24.1#
226	30.9	22.2	33.2





#19
Chrysene
Concen: 0.039 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. -0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:228 Resp: 1574

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.5	36.7
229	25.8	15.8	23.6#

Instrument :
BNA_N
ClientSampleId :
C0AE2

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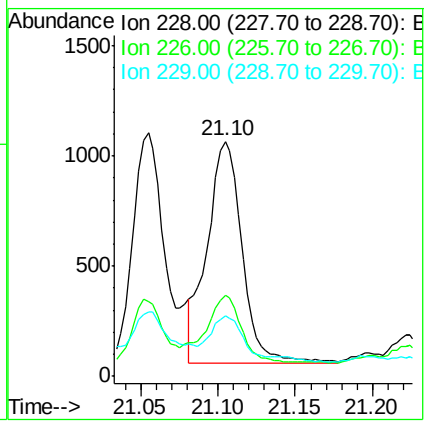
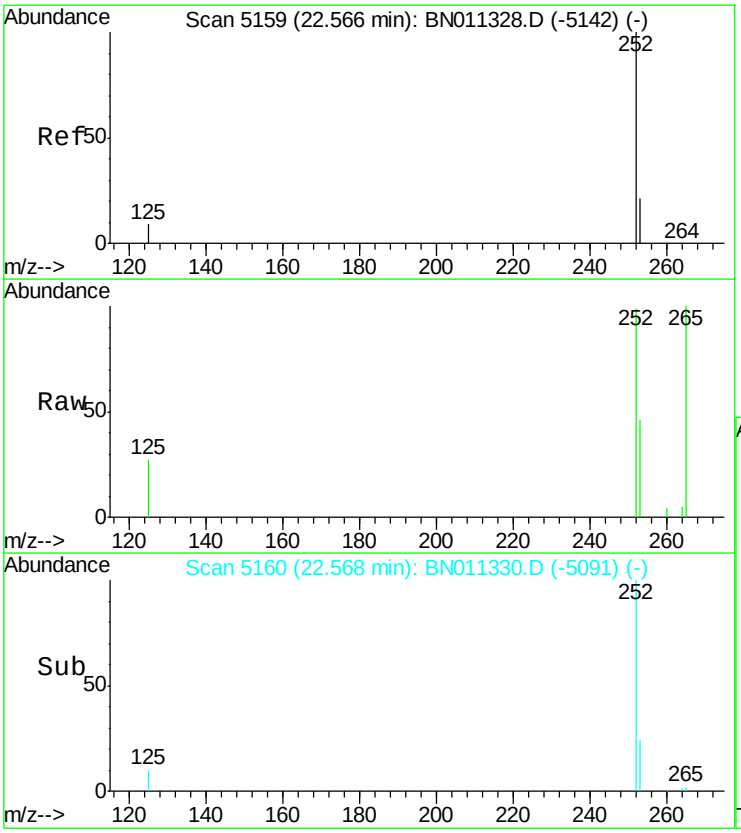
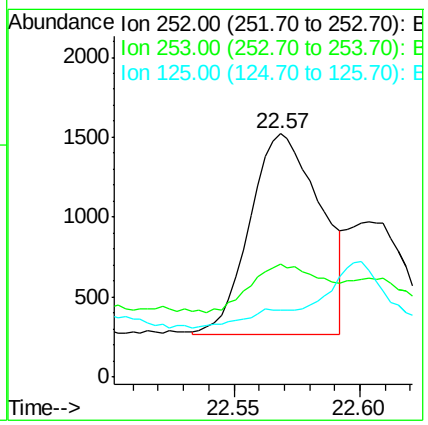


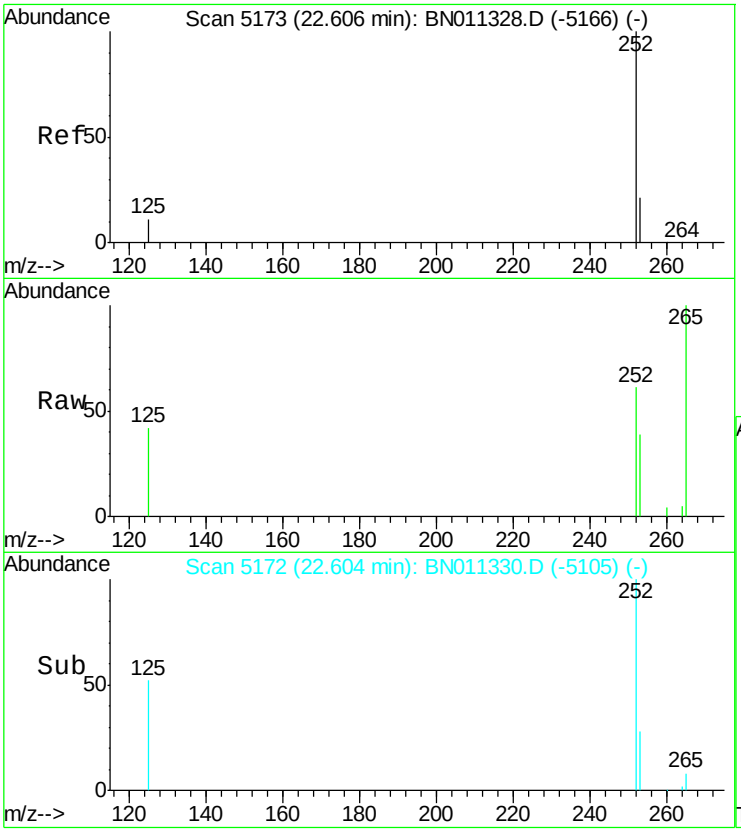


#21
Benzo(b)fluoranthene
Concen: 0.060 ng/ul m
RT: 22.57 min Scan# 5160
Delta R.T. 0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:252 Resp: 2453

Ion	Ratio	Lower	Upper
252	100		
253	46.3	0.0	51.8
125	27.7	0.0	24.2#

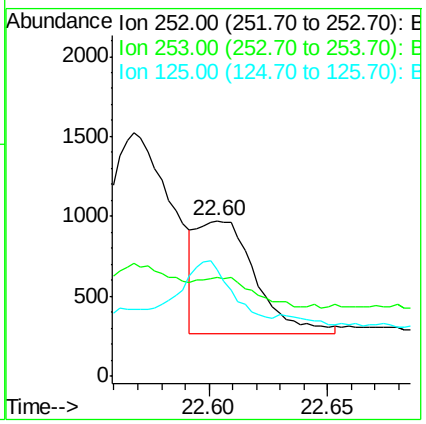




#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.60 min Scan# 5172
Delta R.T. -0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:252 Resp: 1213

Ion	Ratio	Lower	Upper
252	100		
253	63.9	21.4	32.0#
125	68.3	12.6	18.8#



Instrument :
BNA_N
ClientSampleId :
C0AE2

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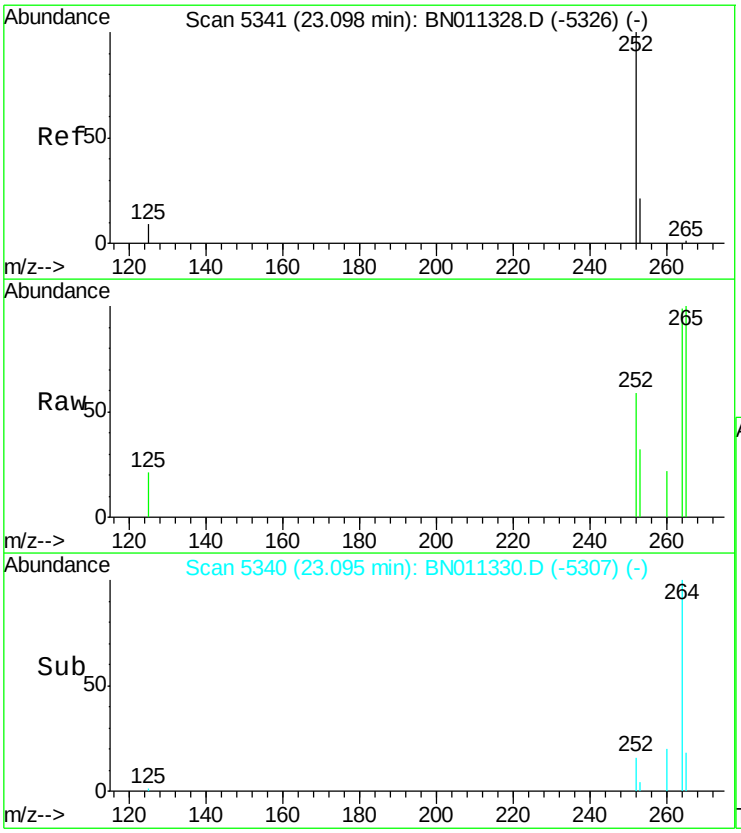
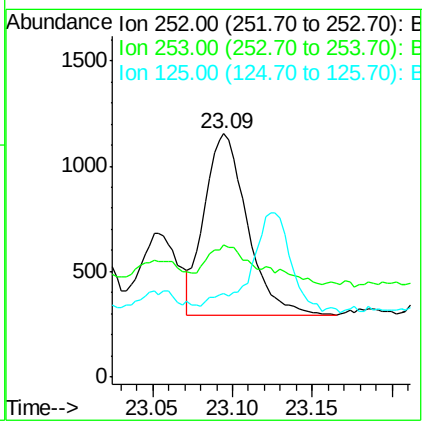
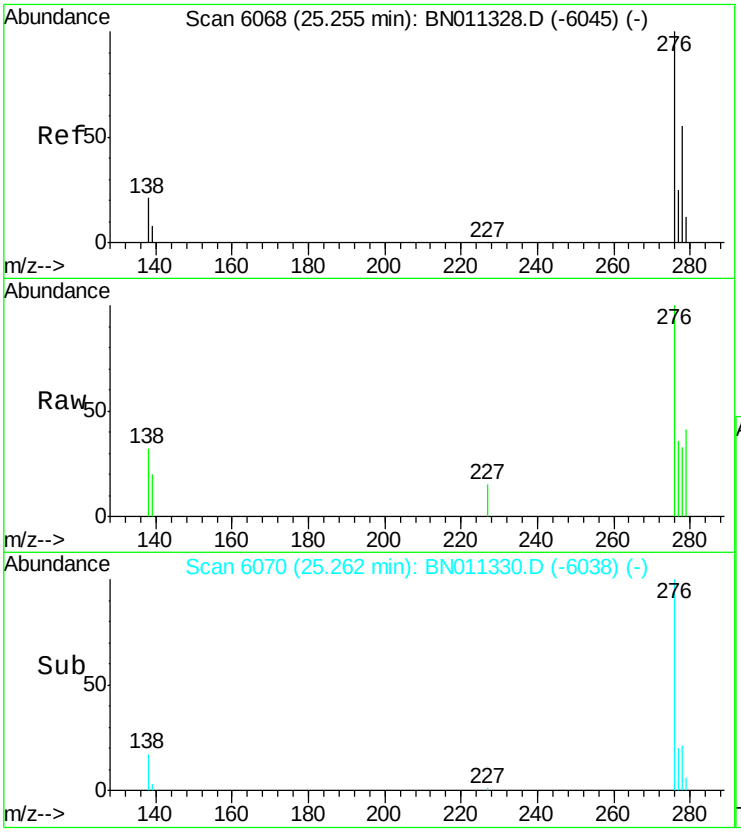


#23
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.09 min Scan# 5340
Delta R.T. -0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:252 Resp: 1610

Ion	Ratio	Lower	Upper
252	100		
253	54.5	22.6	34.0#
125	34.6	12.6	18.8#

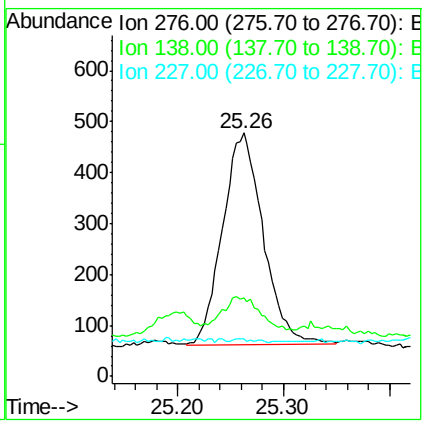




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.26 min Scan# 6070
Delta R.T. 0.01 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:276 Resp: 1098

Ion	Ratio	Lower	Upper
276	100		
138	18.3	18.1	27.1
227	0.8	0.2	0.4#



Instrument :
BNA_N
ClientSampleId :
C0AE2

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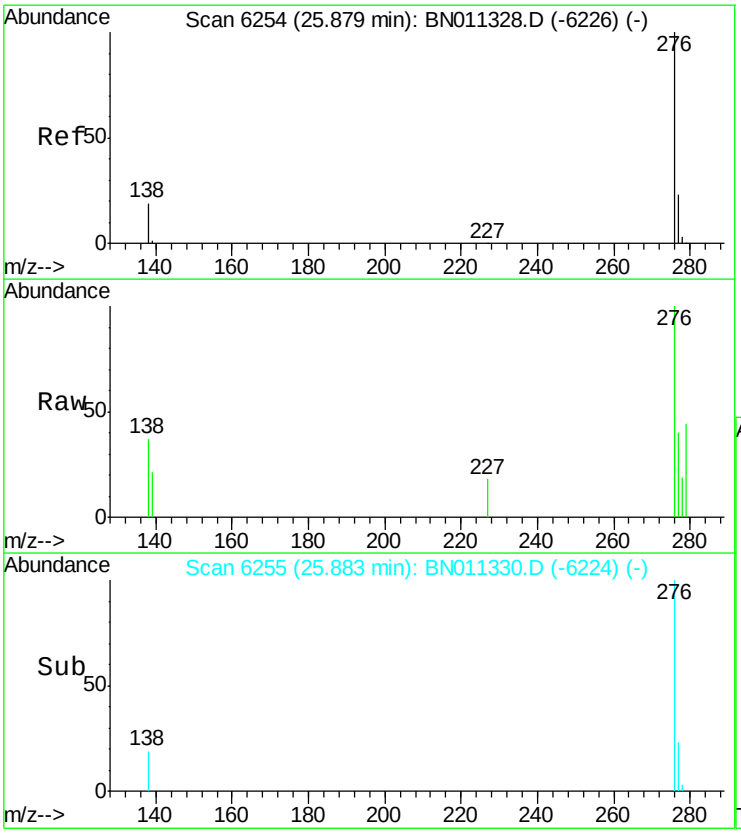

#26
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 25.88 min Scan# 6255
Delta R.T. 0.00 min
Lab File: BN011330.D
Acq: 03 Aug 2020 10:53

Tgt Ion:276 Resp: 1025

Ion	Ratio	Lower	Upper
276	100		
138	36.7	16.4	24.6#
277	40.1	20.2	30.4#