Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011314.D
Acq On : 31 Jul 2020 00:41
Operator : CG/JU
Sample : L3388-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:28 PM

Quant Time: Jul 31 03:51:46 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 : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	688	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3317	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2172	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	4979	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5506	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	6073	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1382	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	4594	0.19	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.89	178	364	0.022	ng/ul#	69
15) Fluoranthene	18.92	202	1393	0.068	ng/ul	86
17) Pyrene	19.29	202	1267m	0.051	ng/ul	
18) Benzo(a)anthracene	21.06	228	984	0.047	ng/ul#	87
19) Chrysene	21.11	228	1088	0.045	ng/ul#	86
21) Benzo(b)fluoranthene	22.57	252	1650m	0.065	ng/ul	
22) Benzo(k)fluoranthene	22.61	252	697m	0.025	ng/ul	
23) Benzo(a)pyrene	23.10	252	1037	0.047	ng/ul#	37
24) Indeno(1,2,3-cd)pyrene	25.26	276	934	0.040	ng/ul#	91
26) Benzo(g,h,i)perylene	25.89	276	884	0.042	ng/ul#	64

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

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Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
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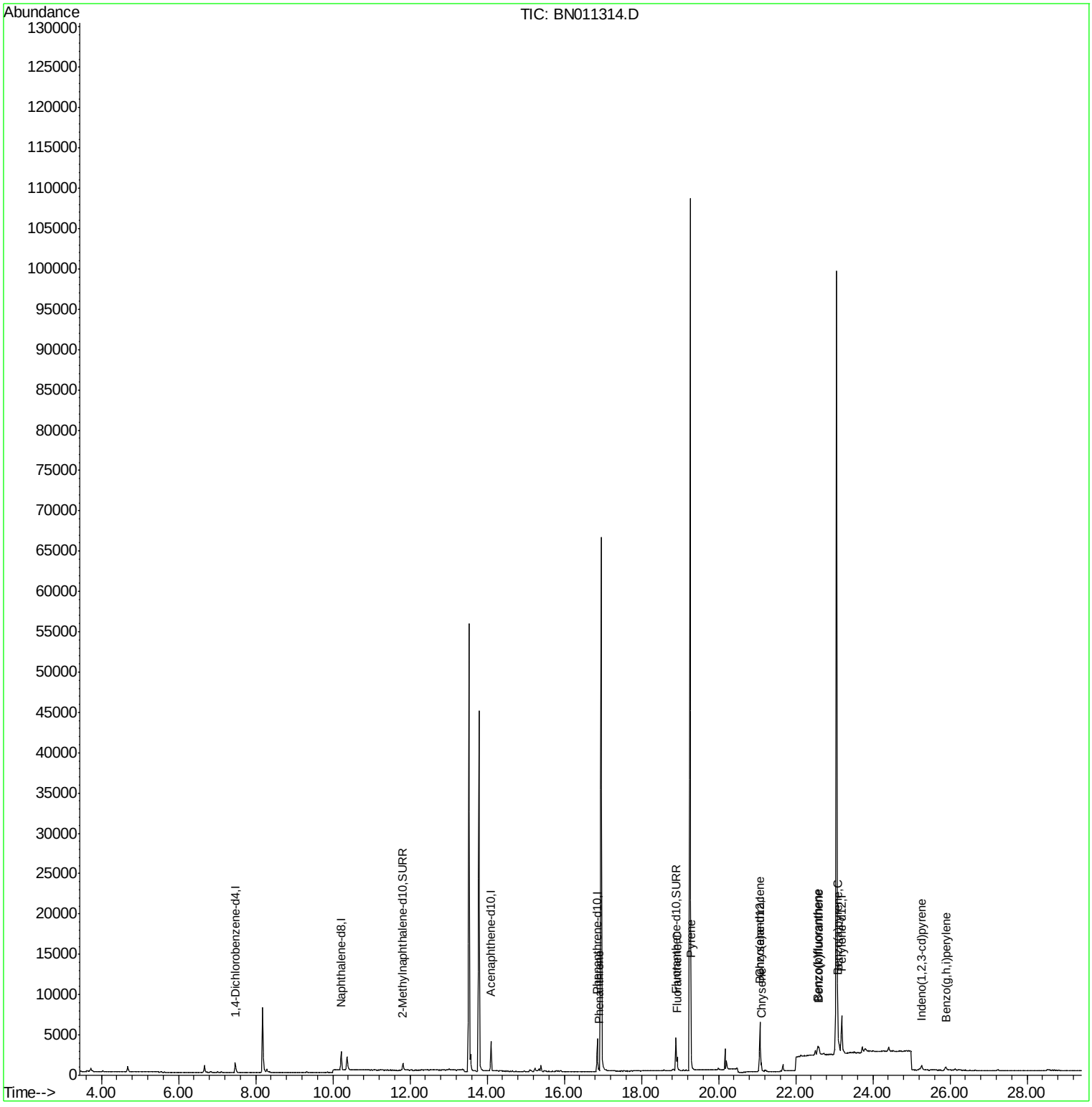

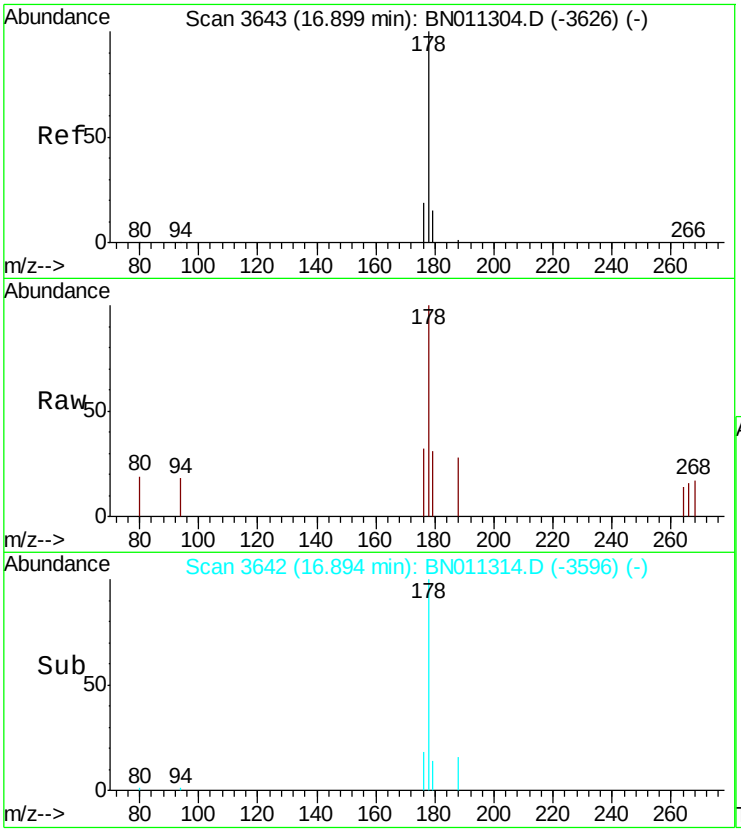

#12
Phenanthrene
Concen: 0.022 ng/ul
RT: 16.89 min Scan# 3642
Delta R.T. -0.00 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:178 Resp: 364

Ion	Ratio	Lower	Upper
178	100		
179	31.2	12.6	18.8#
176	31.5	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
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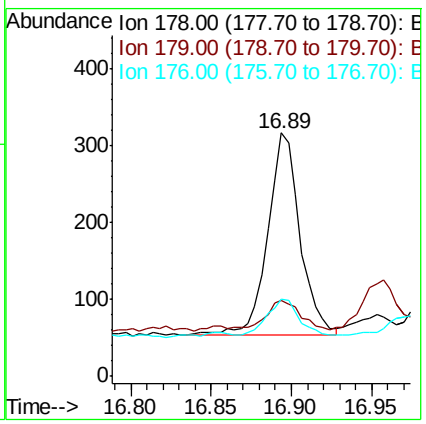
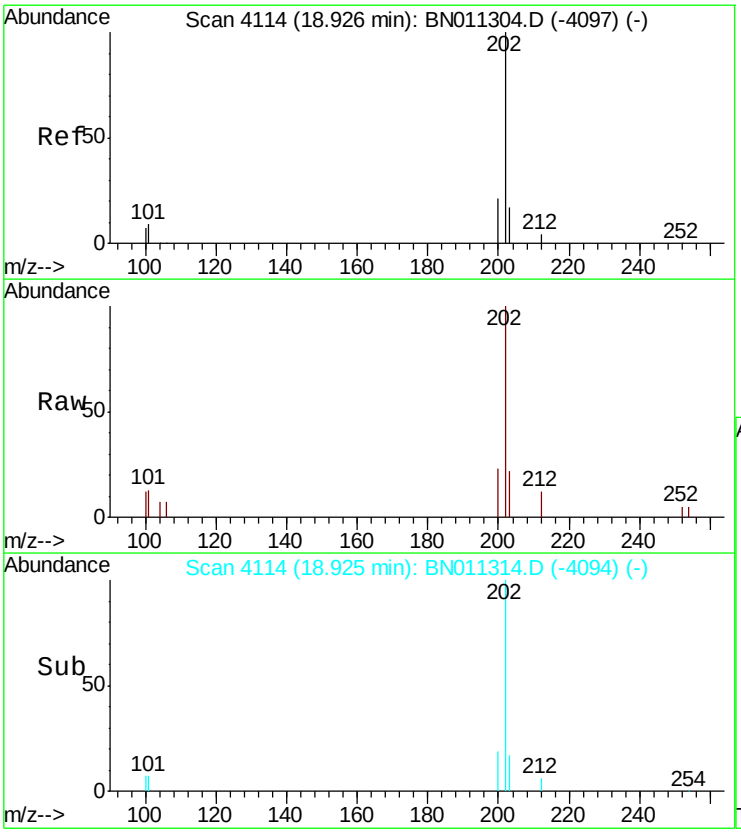
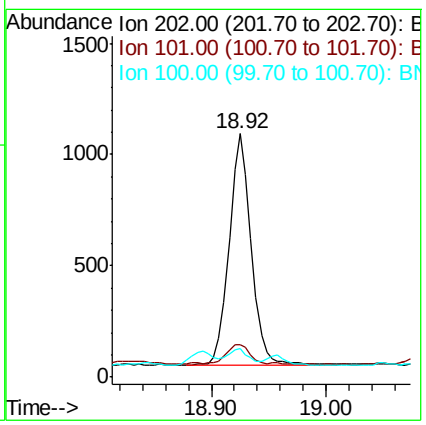


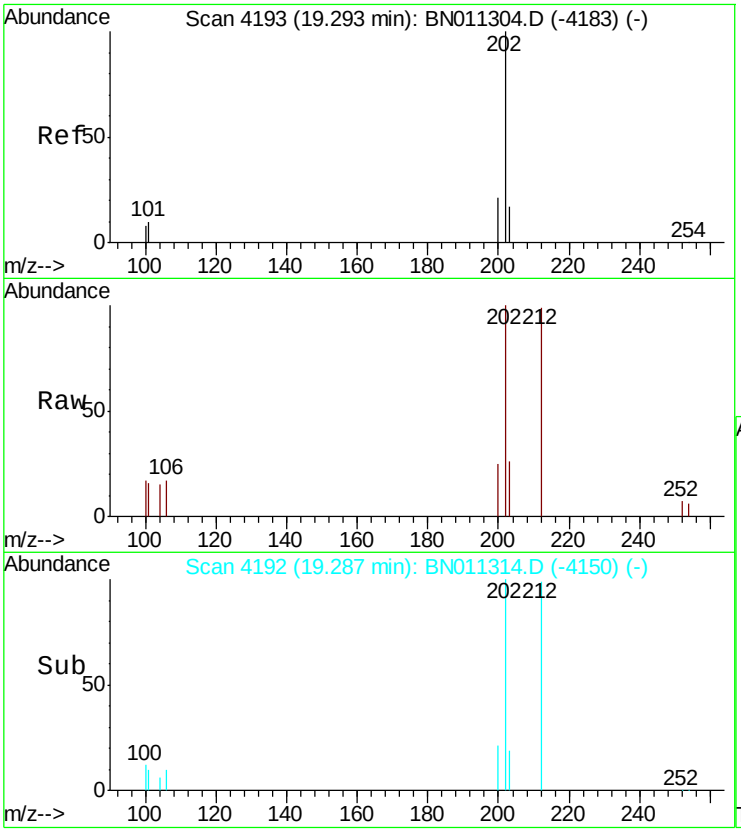


#15
Fluoranthene
Concen: 0.068 ng/ul
RT: 18.92 min Scan# 4114
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:202 Resp: 1393

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	28.2
100	12.0	0.0	26.8





#17
Pyrene
Concen: 0.051 ng/ul m
RT: 19.29 min Scan# 4192
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:202 Resp: 1267

Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.5	12.7#
100	16.7	7.1	10.7#

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
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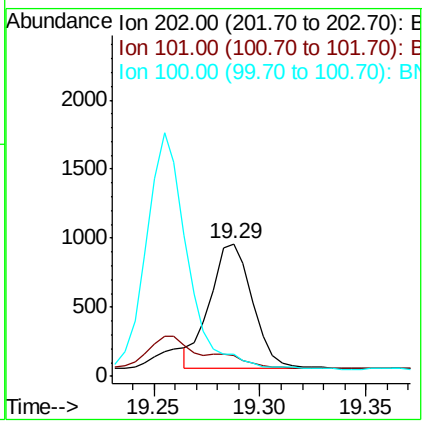
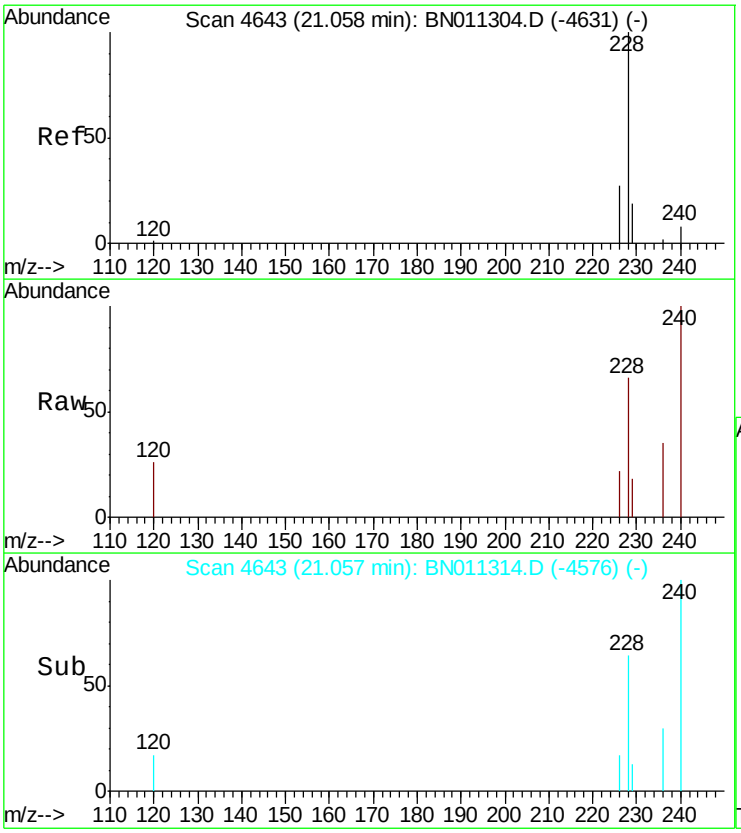
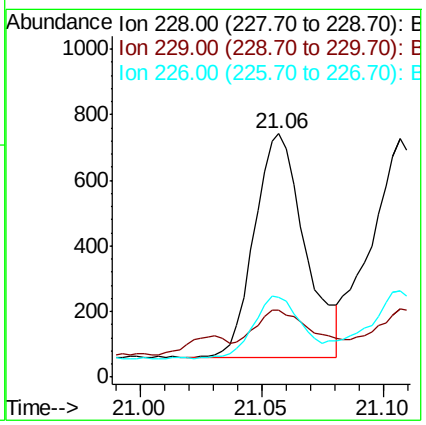


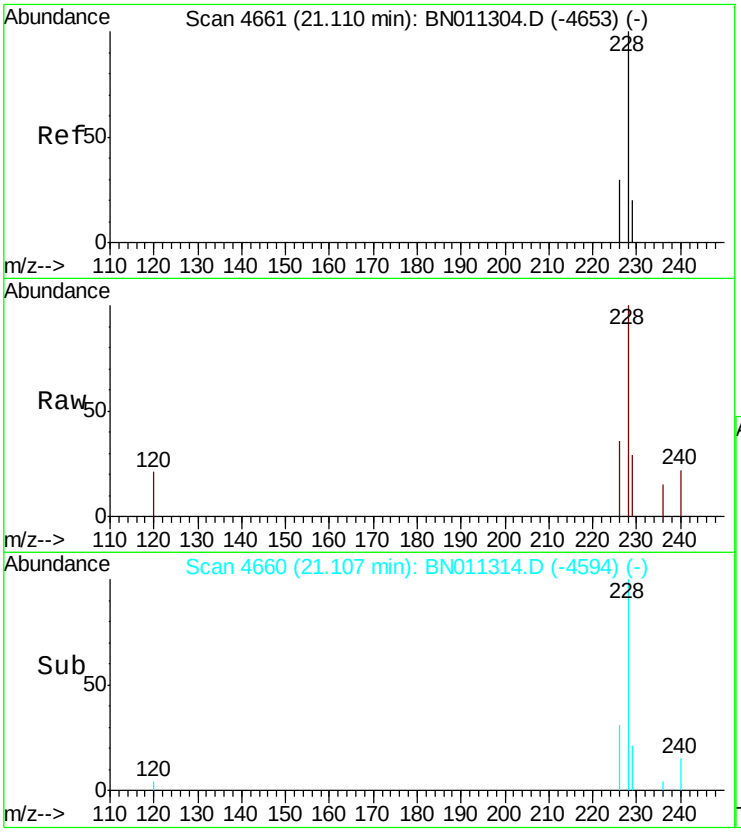


#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.06 min Scan# 4643
Delta R.T. -0.00 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:228 Resp: 984

Ion	Ratio	Lower	Upper
228	100		
229	27.6	16.1	24.1#
226	32.9	22.2	33.2





#19
Chrysene
Concen: 0.045 ng/ul
RT: 21.11 min Scan# 4660
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:228 Resp: 1088

Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.5	36.7
229	28.5	15.8	23.6#

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
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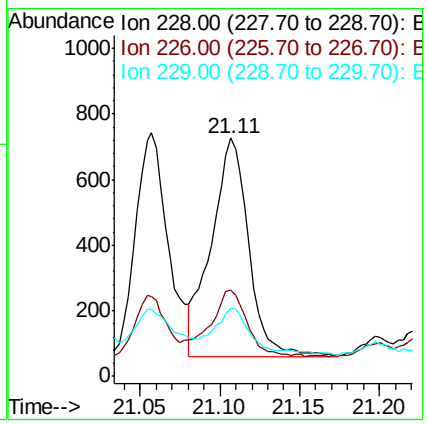
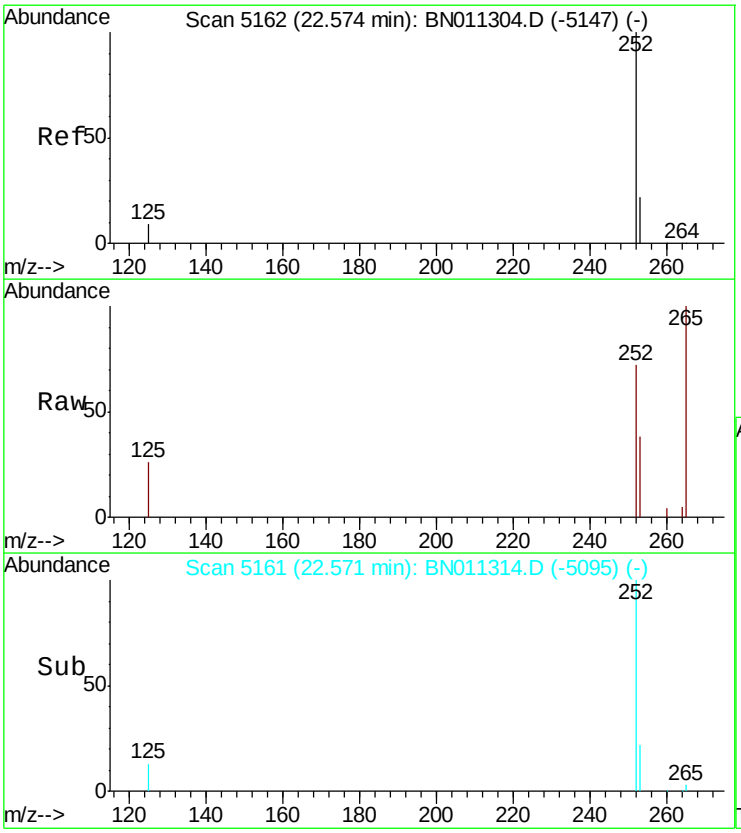
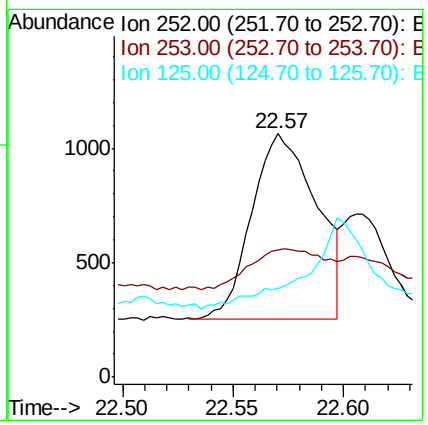


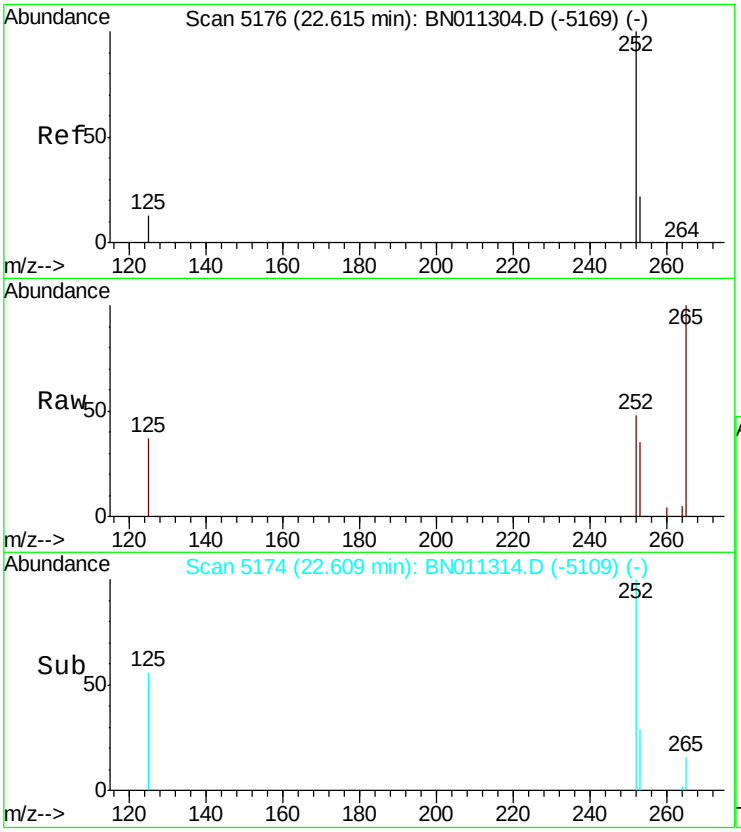


#21
Benzo(b)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.57 min Scan# 5161
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:252 Resp: 1650

Ion	Ratio	Lower	Upper
252	100		
253	52.3	0.0	51.8#
125	36.7	0.0	24.2#





#22
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 22.61 min Scan# 5174
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:252 Resp: 697

Ion	Ratio	Lower	Upper
252	100		
253	73.2	21.4	32.0#
125	77.6	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
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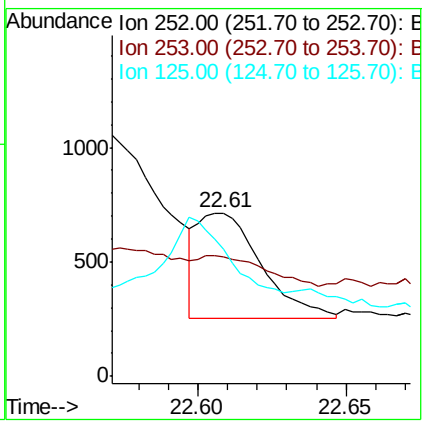
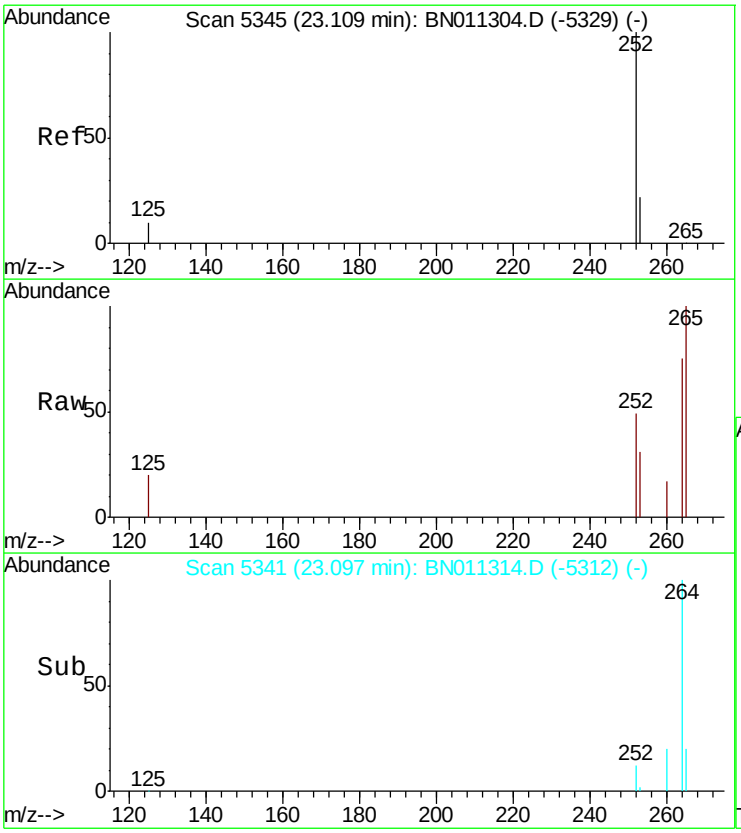
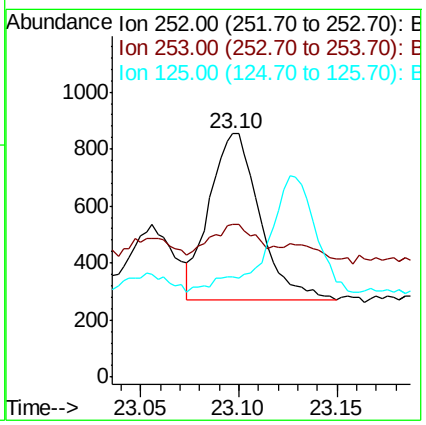


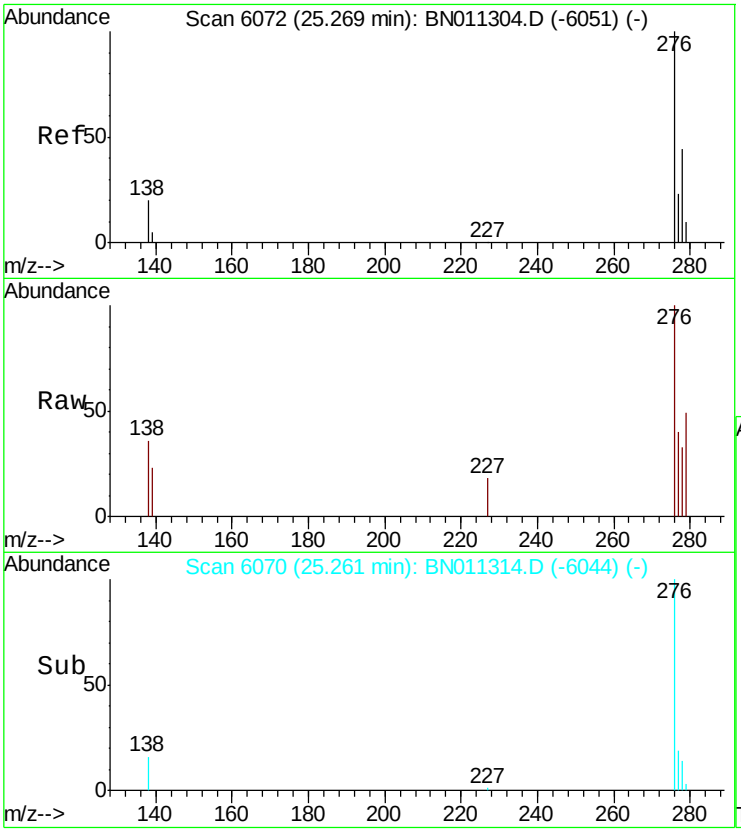


#23
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.10 min Scan# 5341
Delta R.T. -0.02 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:252 Resp: 1037

Ion	Ratio	Lower	Upper
252	100		
253	62.5	22.6	34.0#
125	41.2	12.6	18.8#





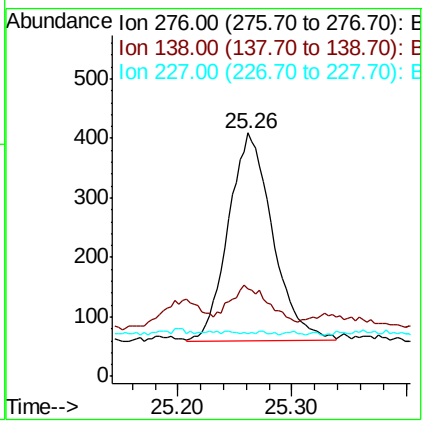
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 25.26 min Scan# 6070
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

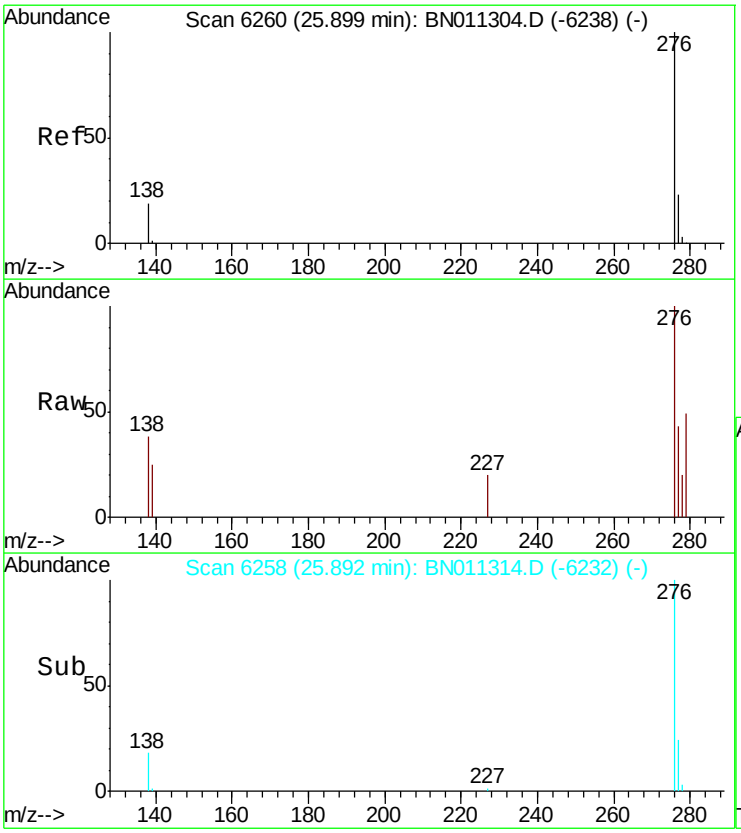
Tgt Ion:276 Resp: 934

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

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:28 PM





#26
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 25.89 min Scan# 6258
Delta R.T. -0.01 min
Lab File: BN011314.D
Acq: 31 Jul 2020 00:41

Tgt Ion:276 Resp: 884

Ion	Ratio	Lower	Upper
276	100		
138	38.3	16.4	24.6#
277	42.7	20.2	30.4#