Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015504.D
Acq On : 12 Jul 2021 23:49
Operator : CG/JU
Sample : M2854-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDT4

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:53 PM

Quant Time: Jul 13 04:58:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.808	152	3802	0.400	ng/ul		0.00
4) Naphthalene-d8	10.595	136	12460	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.442	164	6144	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.192	188	11436	0.400	ng/ul		0.00
17) Chrysene-d12	21.383	240	9192	0.400	ng/ul	#	0.00
23) Perylene-d12	23.739	264	9061	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.315	96	7895	1.842	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.190	152	3131	0.160	ng/ul		0.00
18) Fluoranthene-d10	19.226	212	5864	0.194	ng/ul		0.00
Target Compounds							Qvalue
15) Phenanthrene	17.234	178	1155	0.028	ng/ul	#	87
19) Fluoranthene	19.253	202	1998	0.047	ng/ul	#	88
20) Pyrene	19.616	202	1533m	0.036	ng/ul		
21) Benzo(a)anthracene	21.368	228	1068	0.031	ng/ul	#	78
22) Chrysene	21.421	228	897	0.022	ng/ul	#	86
24) Benzo(b)fluoranthene	23.031	252	879m	0.021	ng/ul		

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

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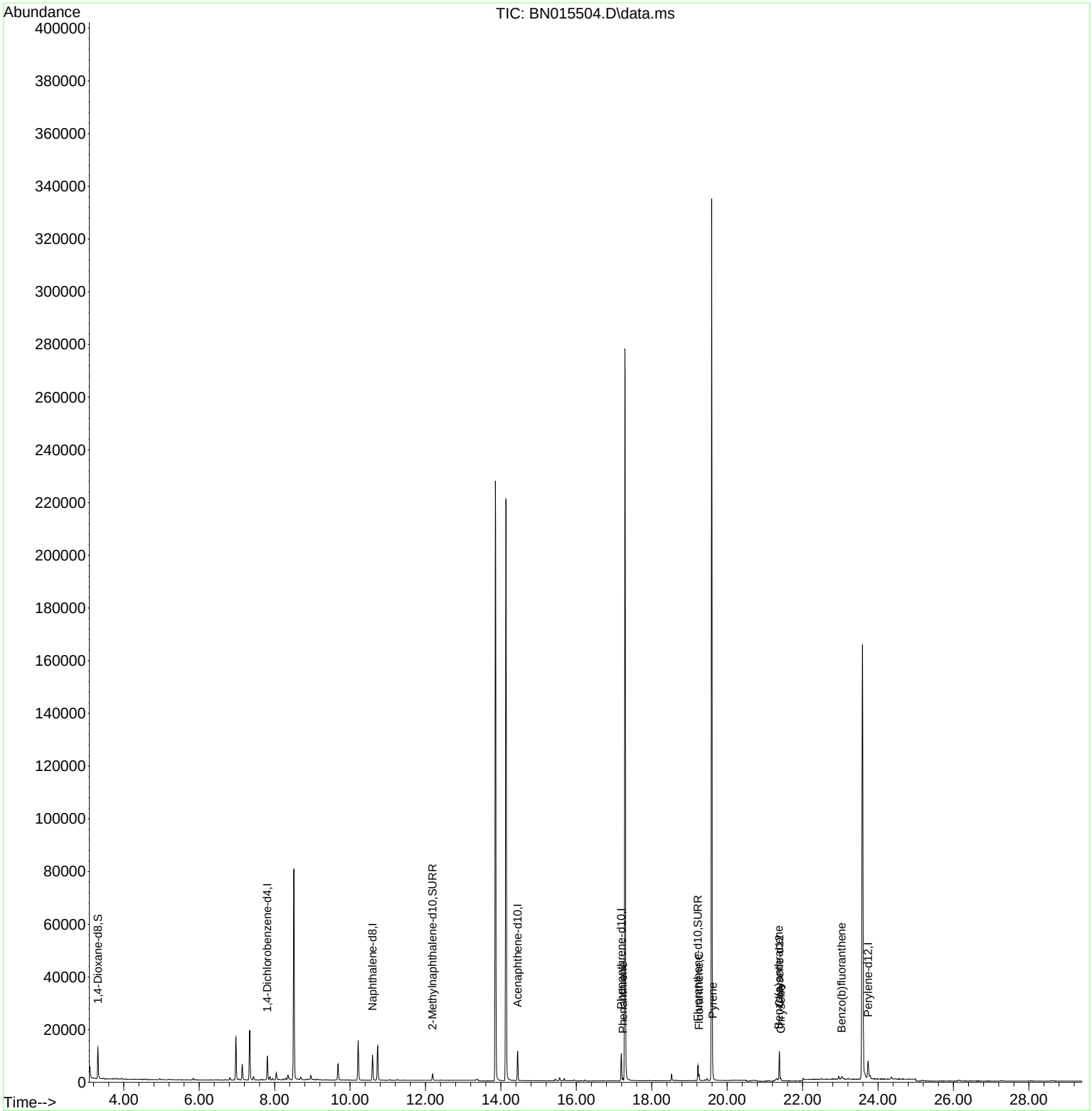
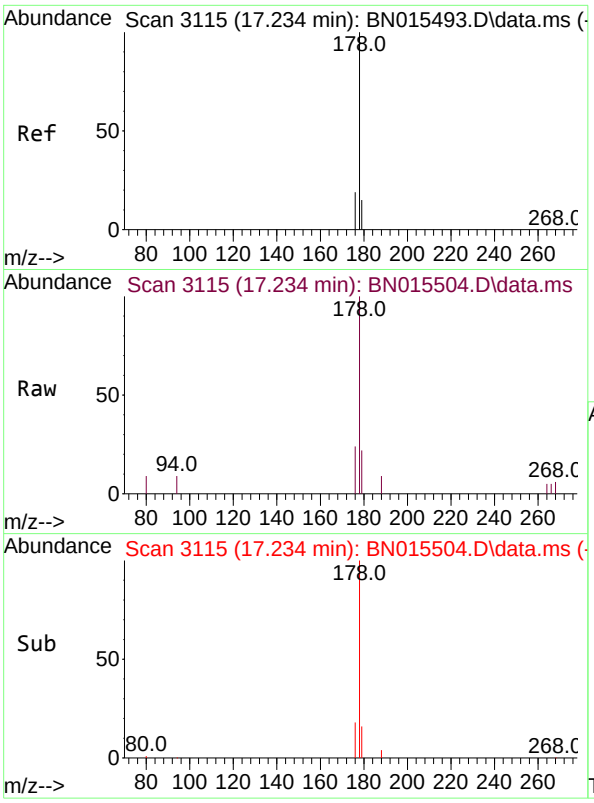
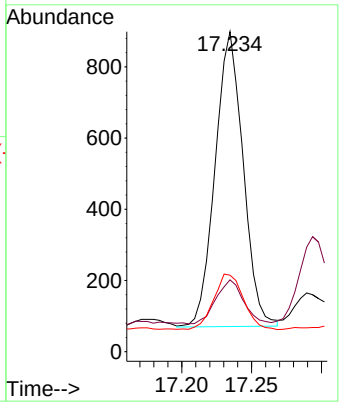


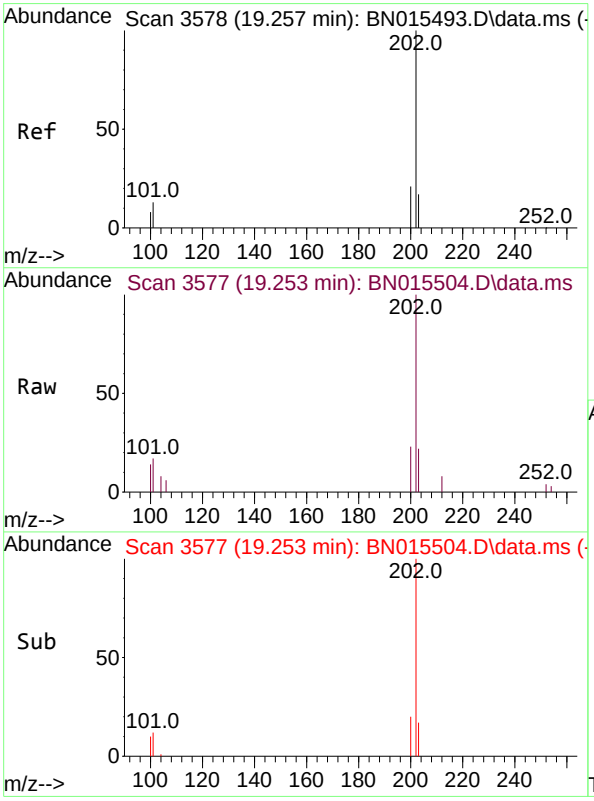


#15
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. 0.001 min
Lab File: BN015504.D
Acq: 12 Jul 2021 23:49

Tgt Ion:178 Resp: 1155

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.3	18.5#
176	23.9	15.5	23.3#

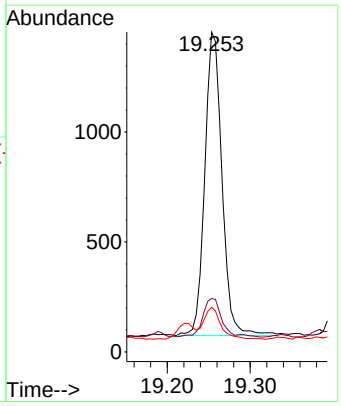




#19
Fluoranthene
Concen: 0.047 ng/ul
RT: 19.253 min Scan# 3577
Delta R.T. -0.004 min
Lab File: BN015504.D
Acq: 12 Jul 2021 23:49

Tgt Ion:202 Resp: 1998

Ion	Ratio	Lower	Upper
202	100		
101	16.7	10.1	15.1#
100	14.0	7.4	11.0#



Instrument :
BNA_N
ClientSampleId :
BGDT4

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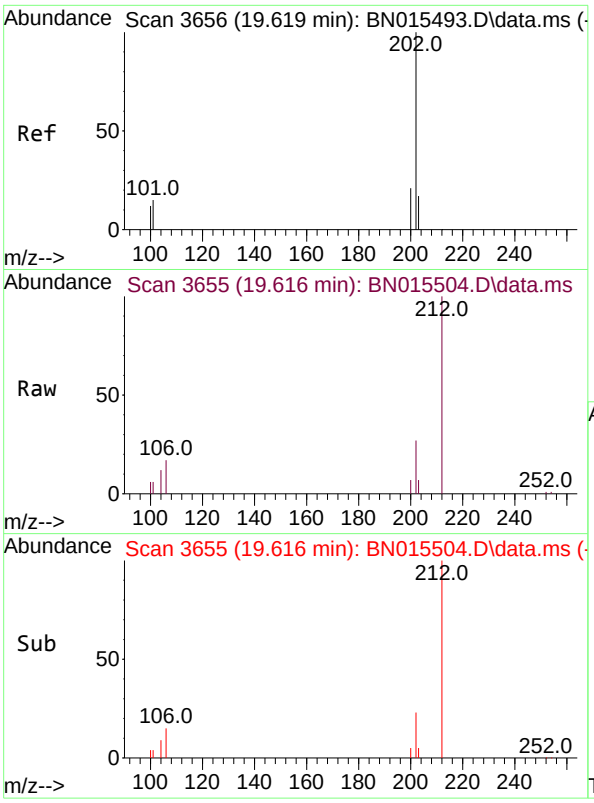
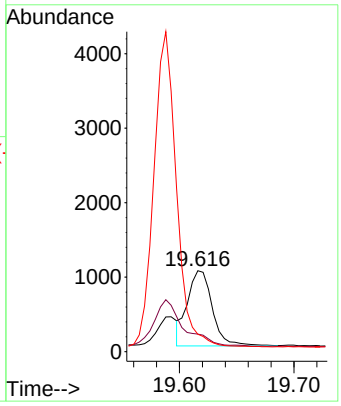


#20
Pyrene
Concen: 0.036 ng/ul m
RT: 19.616 min Scan# 3655
Delta R.T. -0.004 min
Lab File: BN015504.D
Acq: 12 Jul 2021 23:49

Tgt Ion:202 Resp: 1533

Ion	Ratio	Lower	Upper
202	100		
101	21.7	12.0	18.0#
100	21.6	9.6	14.4#



Instrument :
BNA_N
ClientSampleId :
BGDT4

Manual Integrations APPROVED
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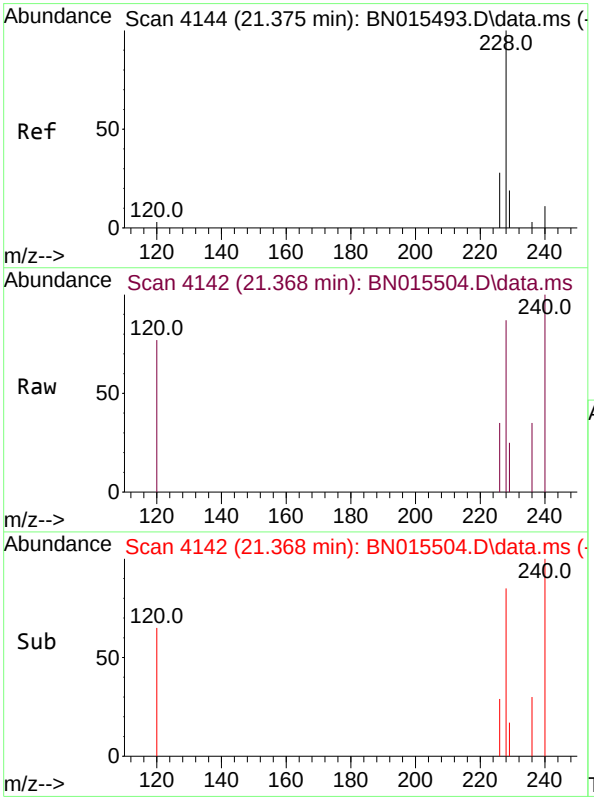
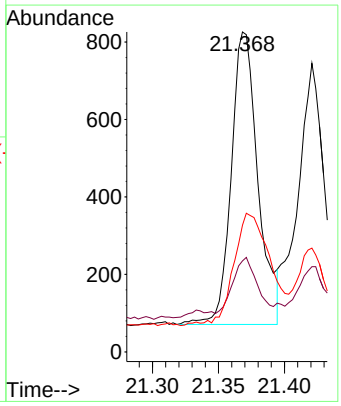
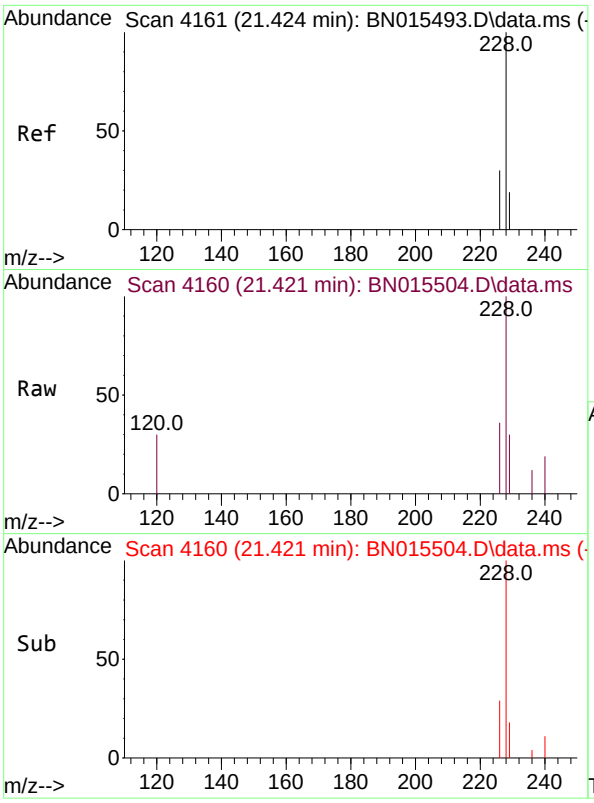


#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.368 min Scan# 4142
Delta R.T. -0.007 min
Lab File: BN015504.D
Acq: 12 Jul 2021 23:49

Tgt Ion:228 Resp: 1068

Ion	Ratio	Lower	Upper
228	100		
229	28.5	15.8	23.8#
226	39.6	21.8	32.8#

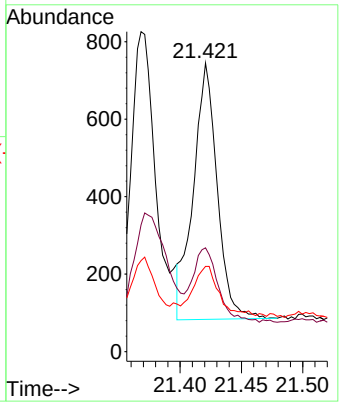




#22
Chrysene
Concen: 0.022 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.007 min
Lab File: BN015504.D
Acq: 12 Jul 2021 23:49

Tgt Ion:228 Resp: 897

Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.6	37.0
229	29.5	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
BGDT4

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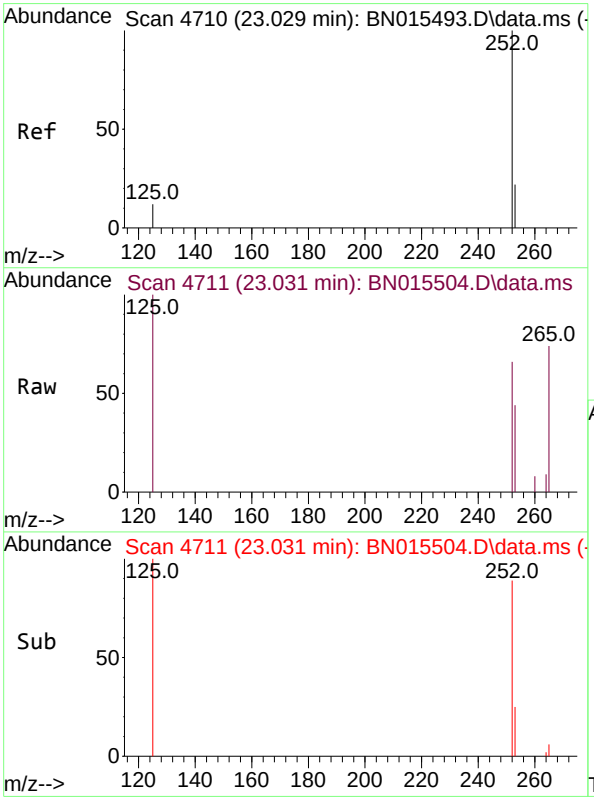

#24
Benzo(b)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.031 min Scan# 4711
Delta R.T. 0.002 min
Lab File: BN015504.D
Acq: 12 Jul 2021 23:49

Tgt Ion:252 Resp: 879

Ion	Ratio	Lower	Upper
252	100		
253	66.7	0.0	45.6#
125	150.5	0.0	28.4#