Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004178.D
Acq On : 22 Dec 2018 01:44
Operator : JU/SJ
Sample : J6476-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AA3

Manual Integrations APPROVED
Sohil
12/26/2018 3:22:47 PM

Quant Time: Dec 24 12:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	41267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	193573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	111244	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	244473	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	252689	20.00	ng/ul	0.00
85) Perylene-d12	23.73	264	225428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2245	3.56	ng/uL	0.00
5) Phenol-d5	6.99	99	61263	15.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	38825	17.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	53726	16.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	52312	15.39	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	29251	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	32489	18.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	53287	16.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	65841	22.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	182682	18.40	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	214753	18.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	4258	2.07	ng/ul	0.01
57) Fluorene-d10	15.46	176	155021	18.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	1204m	0.68	ng/ul	0.00
70) Anthracene-d10	17.31	188	223687	18.11	ng/ul	0.00
78) Pyrene-d10	19.61	212	230267	20.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	213764	17.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	8055	1.967	ng/ul	95
44) Dimethylphthalate	13.92	163	38448	3.966	ng/ul	99
79) Pyrene	19.64	202	33292	2.358	ng/ul	97
87) Benzo(b)fluoranthene	23.02	252	17122	1.268	ng/ul#	65

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

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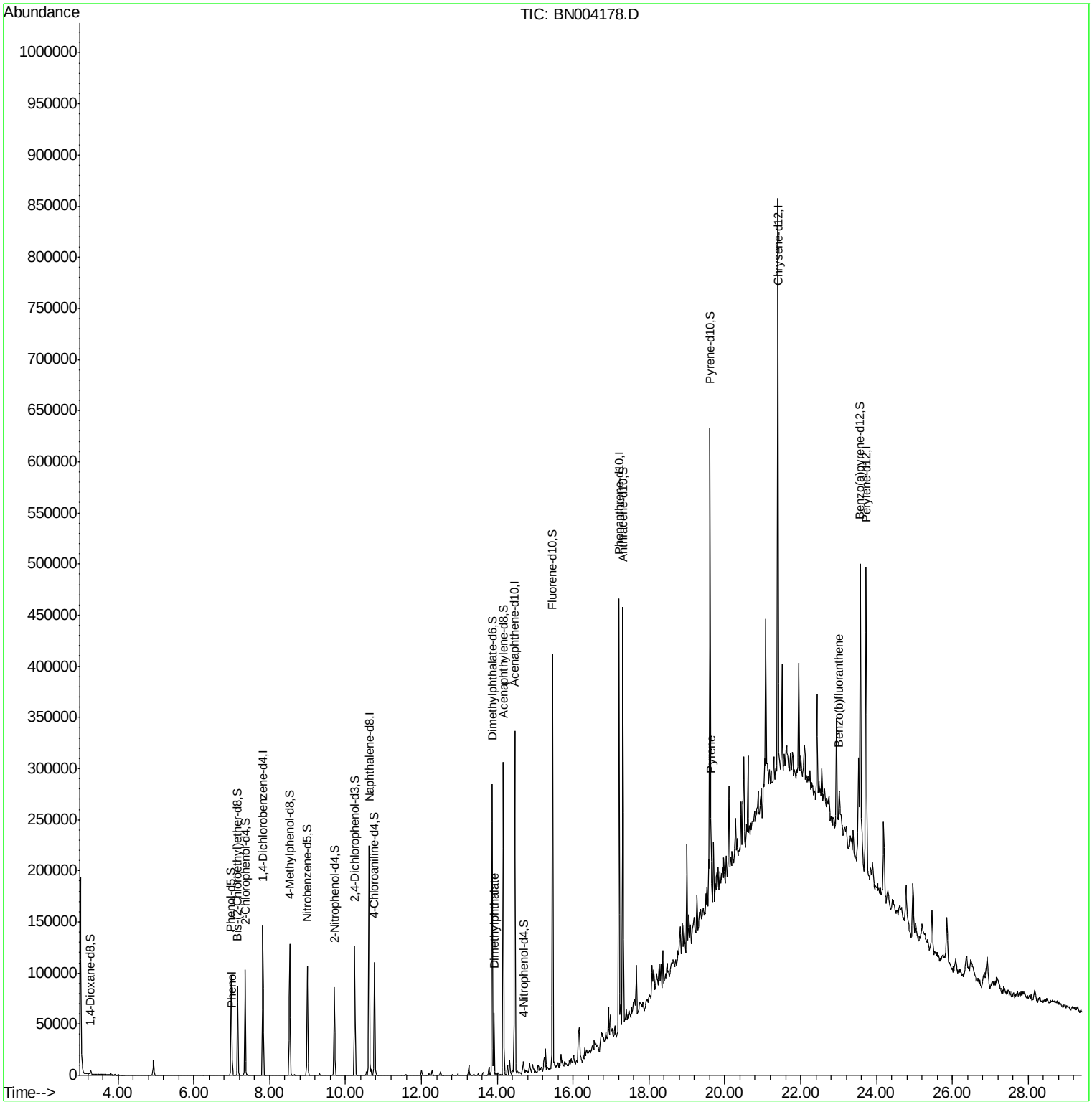
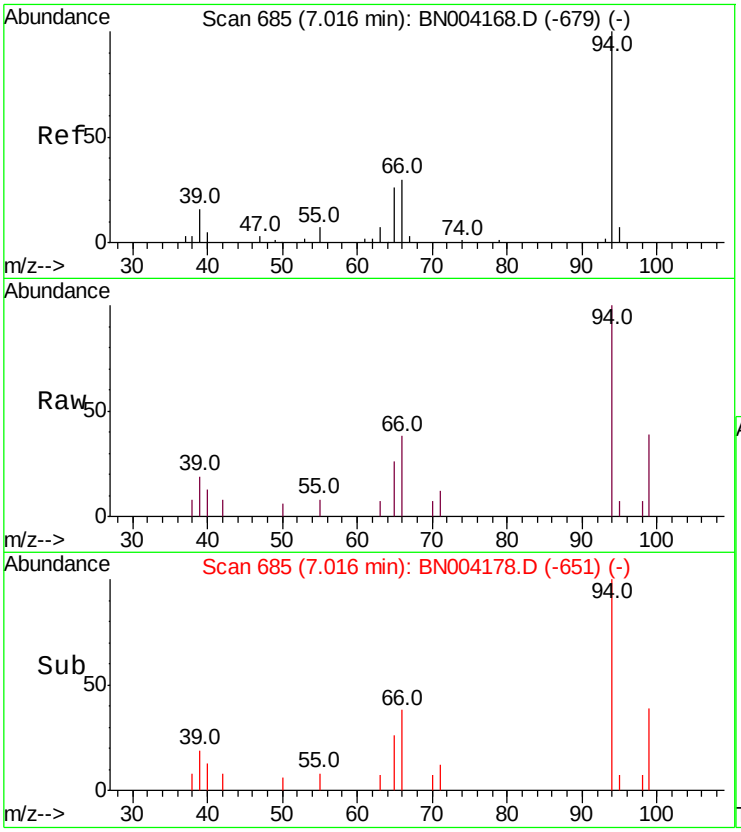
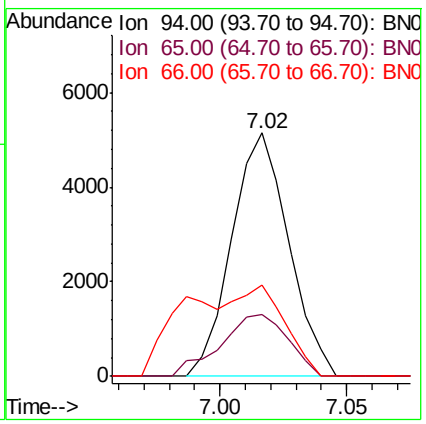




#6
Phenol
Concen: 1.967 ng/ul
RT: 7.02 min Scan# 685
Delta R.T. 0.00 min
Lab File: BN004178.D
Acq: 22 Dec 2018 01:44

Tgt Ion: 94 Resp: 8055

Ion	Ratio	Lower	Upper
94	100		
65	25.6	21.2	31.8
66	37.6	26.9	40.3



Instrument :
BNA_N
ClientSampleId :
C5AA3

Manual Integrations APPROVED
Sohil
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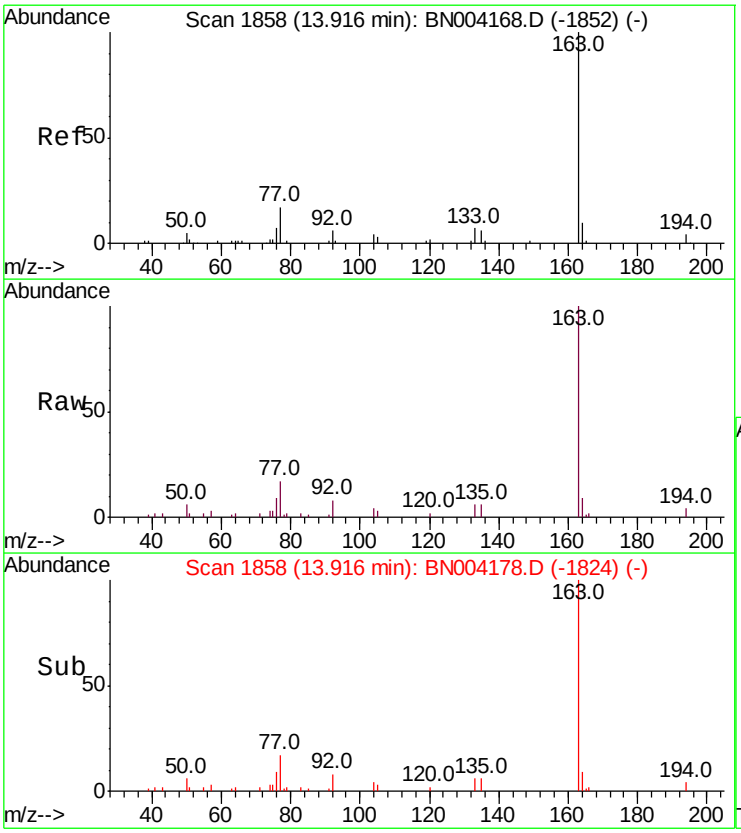
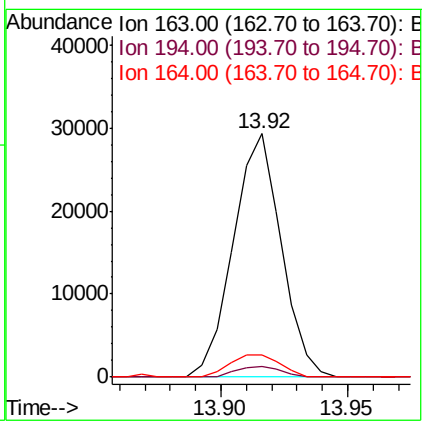
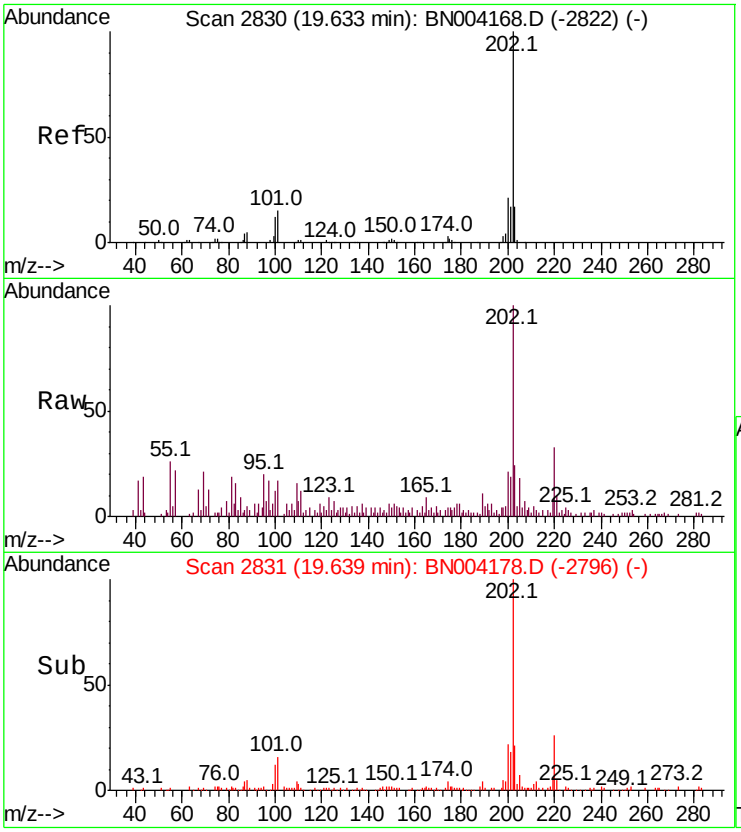


#44
Dimethylphthalate
Concen: 3.966 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN004178.D
Acq: 22 Dec 2018 01:44

Tgt Ion:163 Resp: 38448

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.3	7.9	11.9





#79
Pyrene
Concen: 2.358 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. 0.01 min
Lab File: BN004178.D
Acq: 22 Dec 2018 01:44

Tgt Ion:202 Resp: 33292

Ion	Ratio	Lower	Upper
202	100		
101	16.9	12.2	18.2
100	11.8	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
C5AA3

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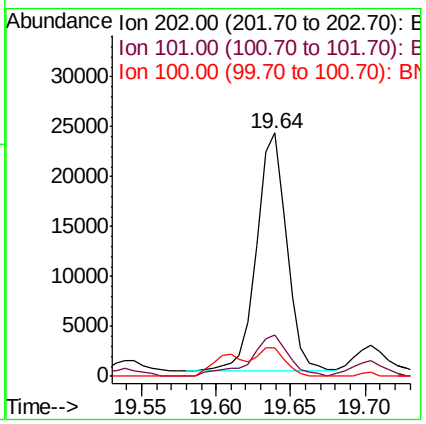

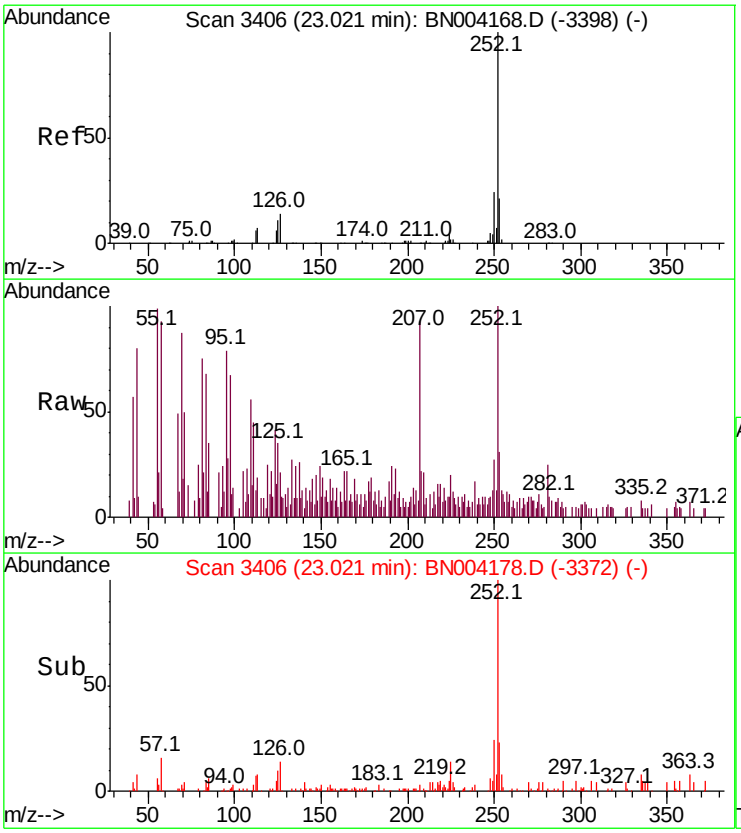

#87
Benzo(b)fluoranthene
Concen: 1.268 ng/ul
RT: 23.02 min Scan# 3406
Delta R.T. 0.00 min
Lab File: BN004178.D
Acq: 22 Dec 2018 01:44

Tgt Ion:252 Resp: 17122

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.3	25.9#
125	35.2	8.2	12.4#