Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

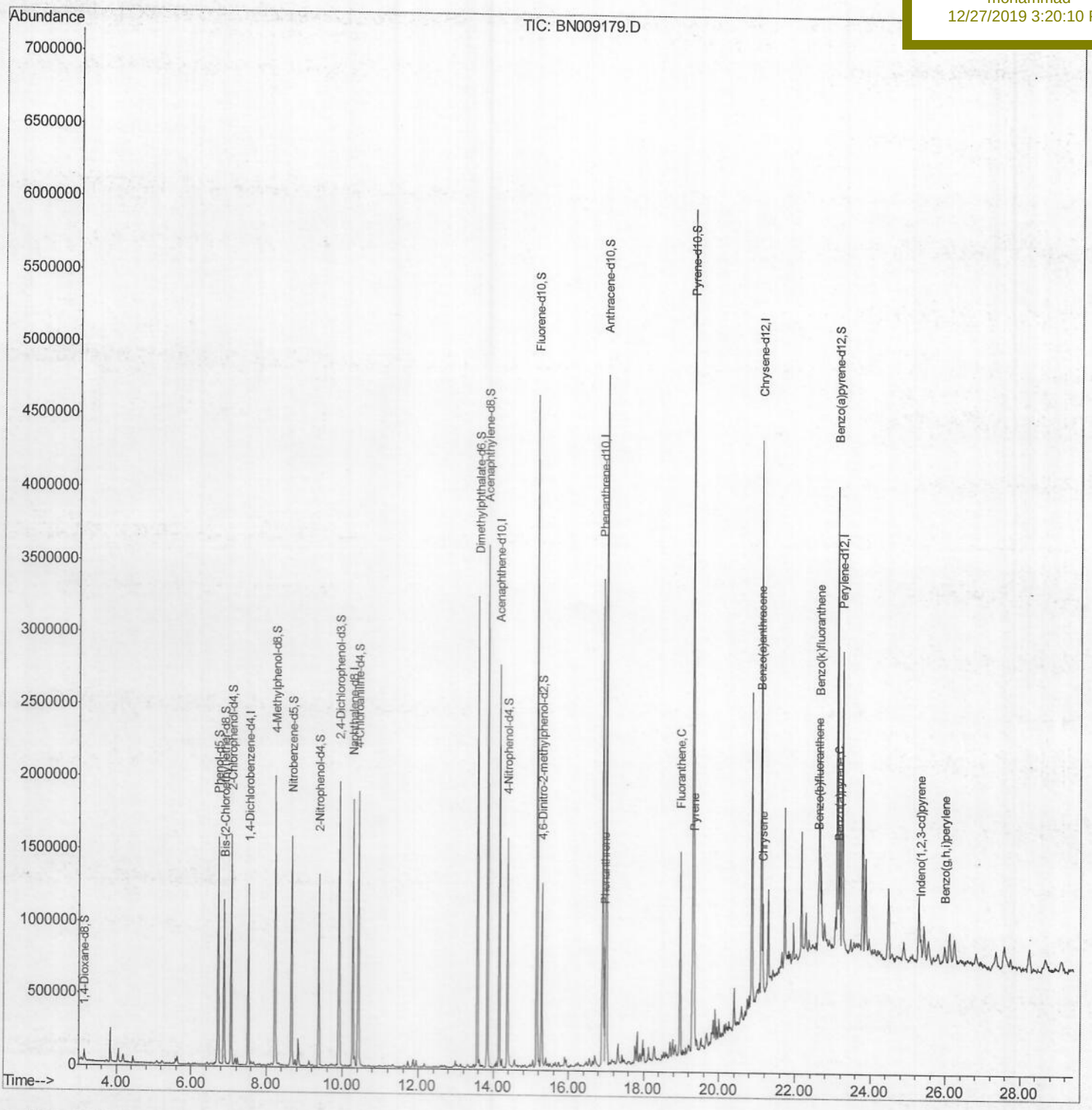
Quantitation Report (QT Reviewed)

Data File : BN009179.D
Acq On : 26 Dec 2019 19:04
Operator : JU
Sample : K6381-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 27 02:01:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB5R3

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:10 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

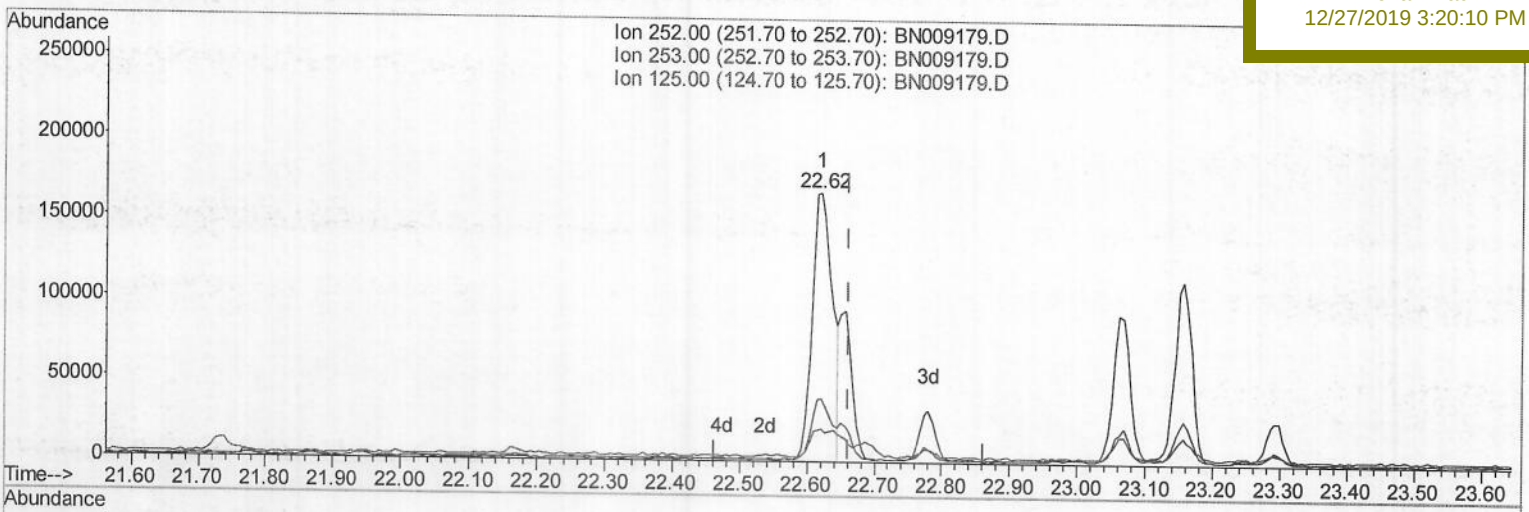
Quantitation Report (Qedit)

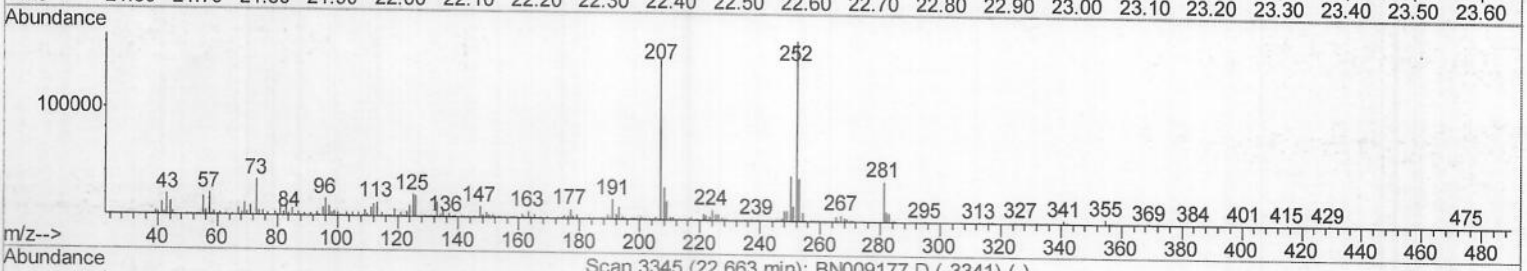
Data File : BN009179.D
Acq On : 26 Dec 2019 19:04
Operator : JU
Sample : K6381-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

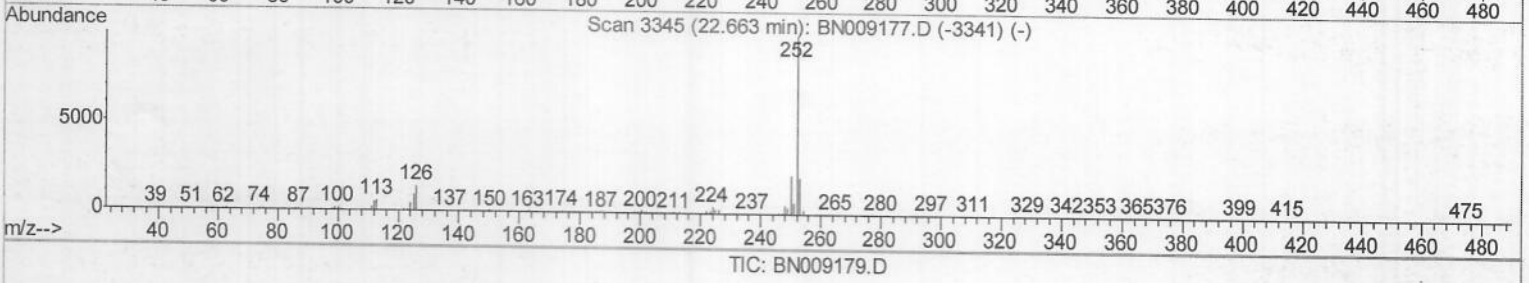
Quant Time: Dec 27 01:33:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB5R3

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:10 PM







TIC: BN009179.D

(88) Benzo(k)fluoranthene

22.621min (-0.041) 4.27ng/ul

response 350236

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.54
125.00	11.00	12.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

Quantitation Report (Qedit)

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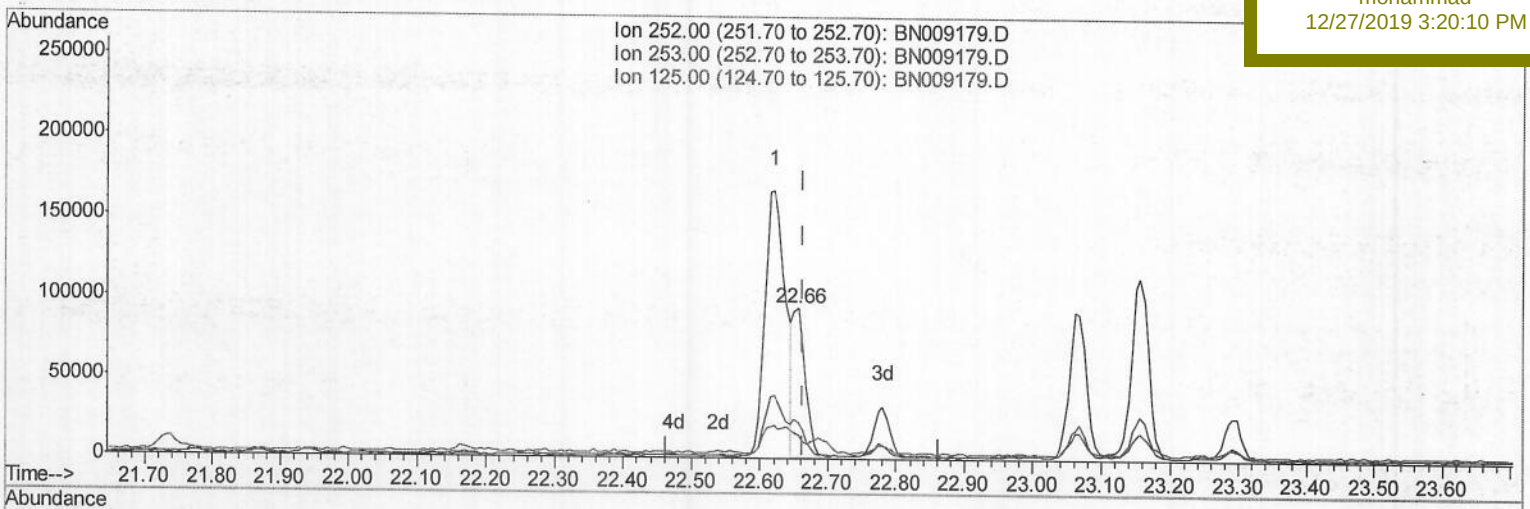
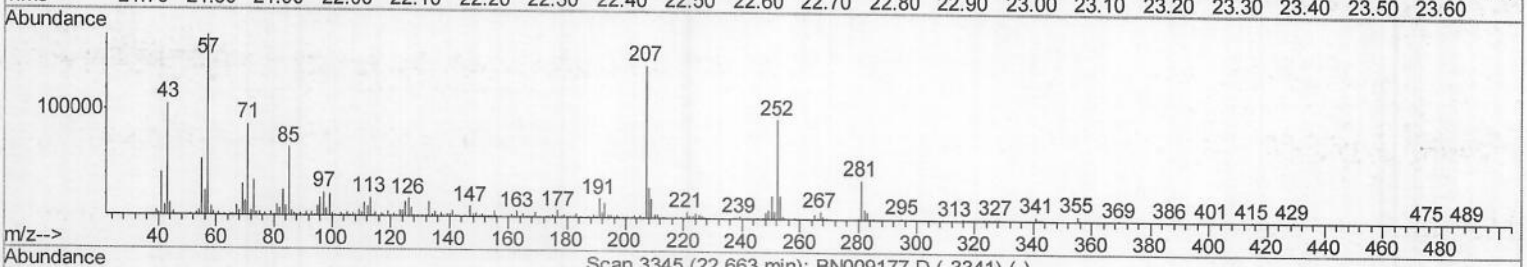
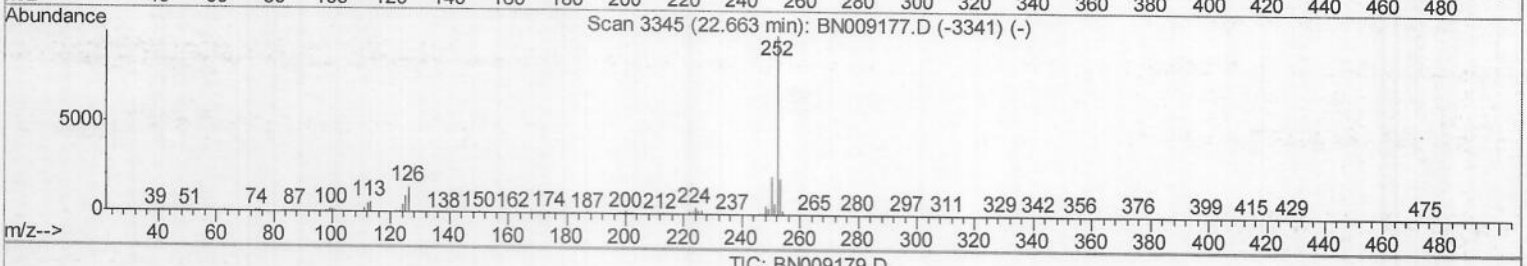
BNA_N
ClientSampleId :
CB5R3

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:10 PM







TIC: BN009179.D

(88) Benzo(k)fluoranthene

22.656min (-0.006) 1.42ng/ul m > JU 12/27/19

response 116685

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.76
125.00	11.00	15.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

Quantitation Report (QT Reviewed)

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Acq On : 26 Dec 2019 19:04
Operator : JU
Sample : K6381-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 27 02:01:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : CB5R3

Manual Integrations APPROVED
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12/27/2019 3:20:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	303763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1391126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	891658	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1861758	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1537217	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1374318	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	33814	5.09	ng/uL	0.00
5) Phenol-d5	6.72	99	805653	27.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	539056	29.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	616877	29.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	672126	28.83	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	324220	30.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	371449	31.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	647082	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	899478	33.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1932652	28.86	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2453289	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	358954	26.96	ng/ul	0.00
57) Fluorene-d10	15.15	176	1756745	30.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	227752	19.61	ng/ul	0.00
70) Anthracene-d10	17.00	188	2630628	30.38	ng/ul	0.00
78) Pyrene-d10	19.30	212	2851900	35.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2167649	31.30	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	16.94	178	446464	4.349	ng/ul	99
76) Fluoranthene	18.97	202	768607	6.483	ng/ul	98
79) Pyrene	19.33	202	669007	6.275	ng/ul	100
82) Benzo(a)anthracene	21.09	228	330922	3.186	ng/ul	95
84) Chrysene	21.14	228	323028	3.236	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	350236	4.170	ng/ul	96
88) Benzo(k)fluoranthene	22.66	252	116685m	1.422	ng/ul	
90) Benzo(a)pyrene	23.16	252	200810	2.604	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.34	276	111593	1.194	ng/ul#	92
93) Benzo(g,h,i)perylene	25.97	276	110675	1.416	ng/ul	98

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

> JU 12/27/19