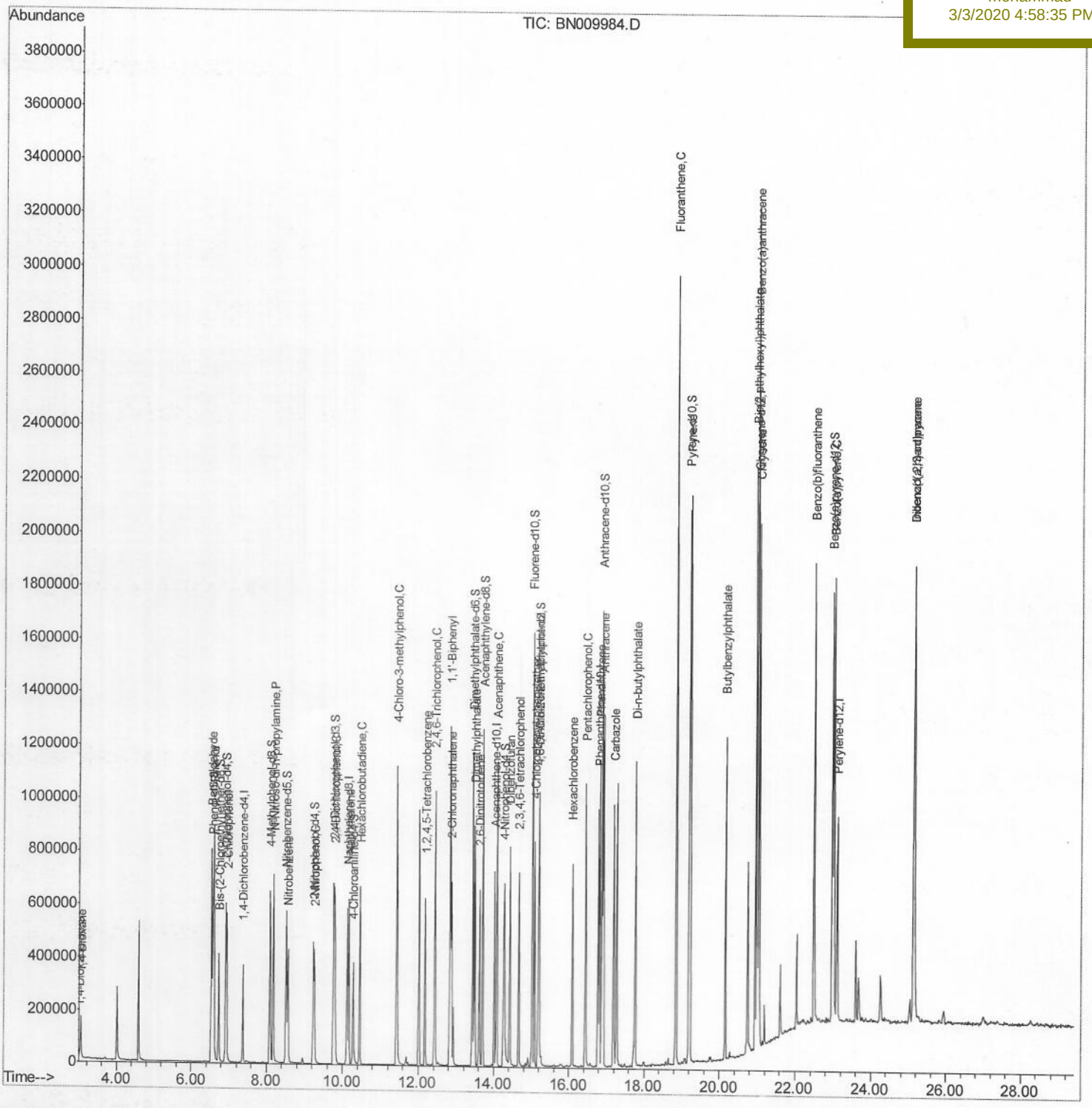
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009984.D
Acq On : 28 Feb 2020 12:11
Operator : CG/JU
Sample : L1612-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 13:10:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDJ3

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:35 PM



SOM-EPA-BN021220MA.M Fri Feb 28 14:28:00 2020

Quantitation Report (Qedit)

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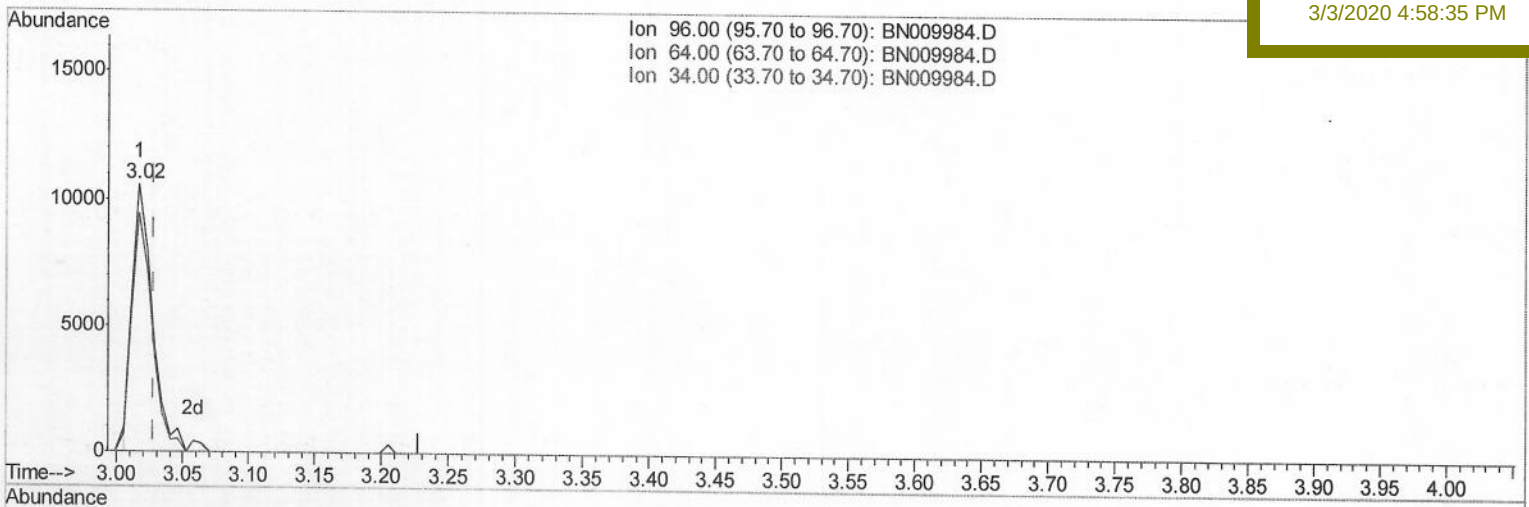

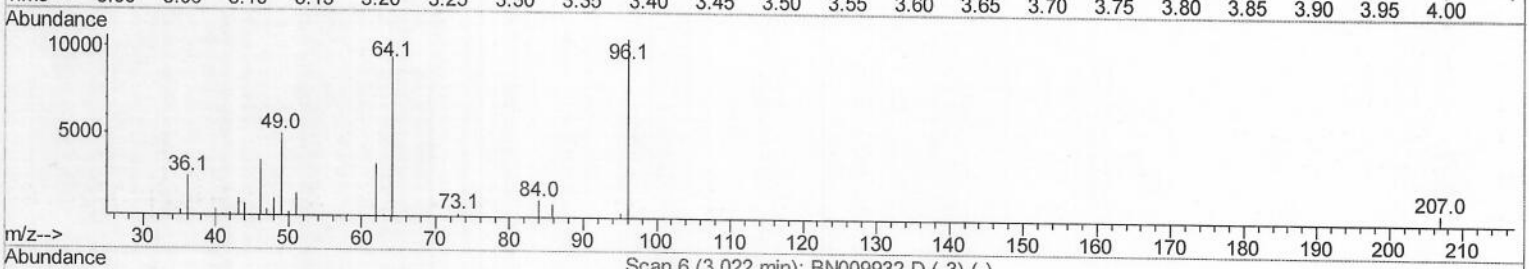

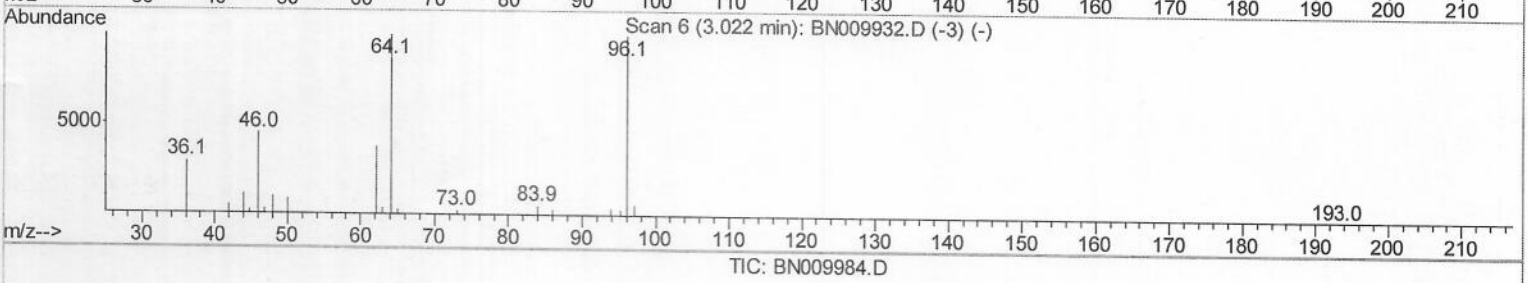

TIC: BN009984.D

(3) 1,4-Dioxane-d8 (S)

3.017min (-0.012) 5.27ng/uL

response 11370

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	89.54
34.00	0.00	0.00
0.00	0.00	0.00

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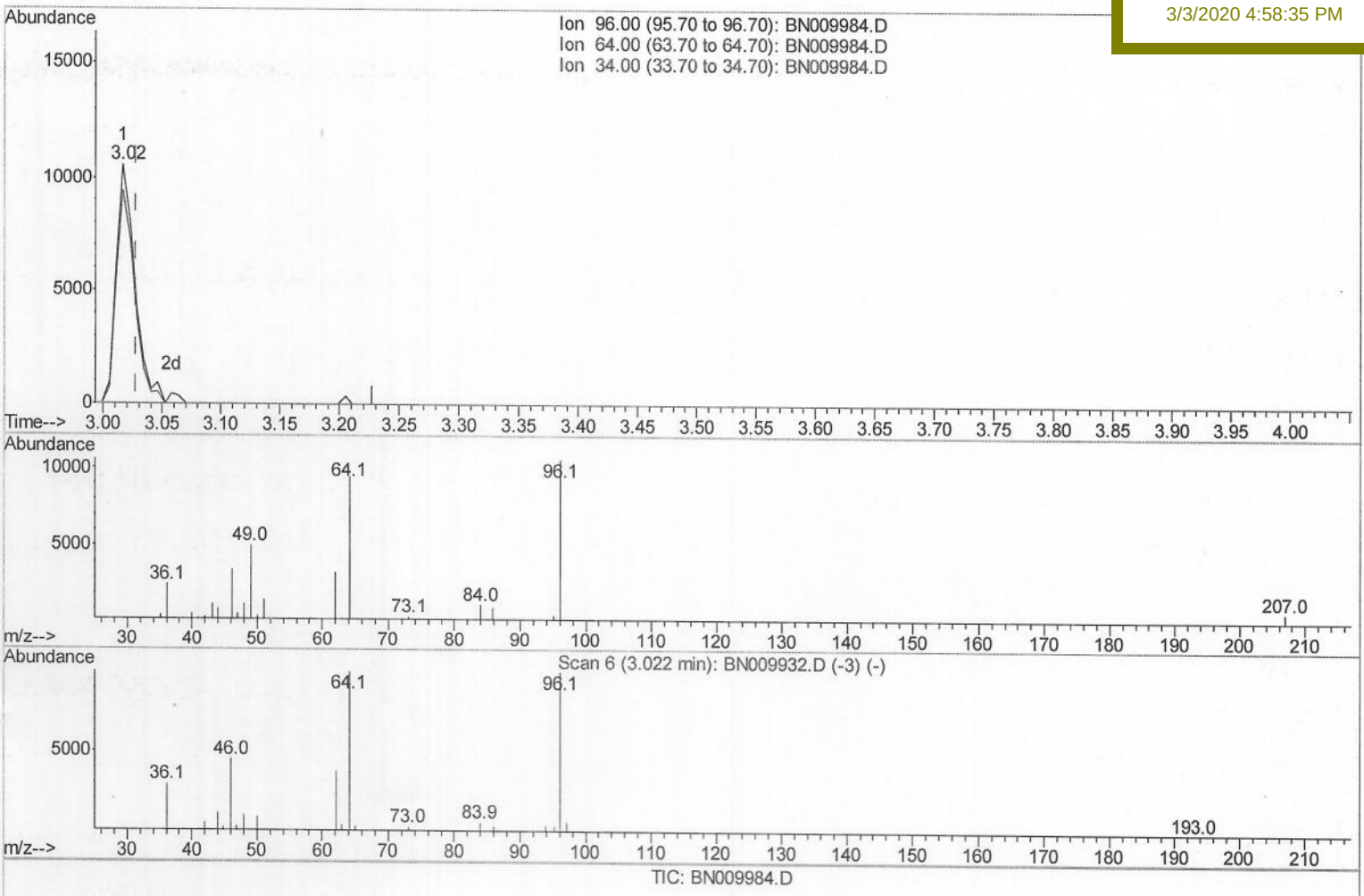

TIC: BN009984.D

(3) 1,4-Dioxane-d8 (S)

3.017min (-0.012) 5.43ng/uL m > JU 03/04/20

response 11707

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	89.54
34.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	88657	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.12	136	375225	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.02	164	234253	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	490124	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	460928	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	494077	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	11707m	5.43	ng/uL	-0.01
5) Phenol-d5	6.57	99	274300	36.37	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.73	67	184622	35.48	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.91	132	208625	36.75	ng/ul	-0.02
13) 4-Methylphenol-d8	8.09	113	203693	33.96	ng/ul	-0.01
19) Nitrobenzene-d5	8.51	128	99868	36.38	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.22	143	110001	36.63	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.76	165	219140	37.96	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	194480	29.98	ng/ul	-0.01
44) Dimethylphthalate-d6	13.44	166	670038	38.29	ng/ul	-0.01
47) Acenaphthylene-d8	13.70	160	821154	39.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	100094	31.32	ng/ul	-0.01
58) Fluorene-d10	15.02	176	594727	39.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	87401	28.71	ng/ul	0.00
71) Anthracene-d10	16.87	188	892385	39.72	ng/ul	0.00
79) Pyrene-d10	19.19	212	980871	40.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1009383	40.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	54436	21.983	ng/uL	97
4) Benzaldehyde	6.53	77	245213	48.898	ng/ul	90
6) Phenol	6.60	94	367742	45.507	ng/ul	96
10) 2-Chlorophenol	6.94	128	182778	30.564	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.18	70	184344	36.094	ng/ul	99
20) Nitrobenzene	8.56	77	215990	26.702	ng/ul	96
23) 2-Nitrophenol	9.26	139	100956	30.044	ng/ul	95
27) 2,4-Dichlorophenol	9.78	162	188740	32.403	ng/ul	97
28) Naphthalene	10.16	128	430964	21.299	ng/ul	99
31) Hexachlorobutadiene	10.45	225	126415	32.453	ng/ul	91
33) 4-Chloro-3-methylphenol	11.43	107	365599	54.892	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	178534	25.713	ng/ul	99
39) 2,4,6-Trichlorophenol	12.43	196	223318	50.675	ng/ul	94
41) 1,1'-Biphenyl	12.83	154	618715	34.389	ng/ul	99
42) 2-Chloronaphthalene	12.87	162	292649	20.481	ng/ul	99
45) Dimethylphthalate	13.49	163	514781	28.195	ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	111222	31.118	ng/ul	98
50) Acenaphthene	14.08	153	417696	27.318	ng/ul	98
53) 4-Nitrophenol	14.27	109	88024	30.527	ng/ul	96
54) Dibenzofuran	14.42	168	487428	22.712	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.67	232	117202	28.834	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.08	204	176604	19.881	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.19	198	153018	46.653	ng/ul	96

JU 03/04/20

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3/3/2020 4:58:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	16.09	284	129605	23.883	ng/ul	96
69) Pentachlorophenol	16.44	266	151898	48.435	ng/ul	98
70) Phenanthrene	16.82	178	618082	22.097	ng/ul	98
72) Anthracene	16.91	178	740123	25.883	ng/ul	99
75) Carbazole	17.19	167	604929	24.023	ng/ul	99
76) Di-n-butylphthalate	17.77	149	679894	21.875	ng/ul	99
77) Fluoranthene	18.85	202	1632654	49.830	ng/ul	98
80) Pyrene	19.22	202	1160552	34.924	ng/ul	100
81) Butylbenzylphthalate	20.15	149	301732	22.087	ng/ul	95
83) Benzo(a)anthracene	20.99	228	1394457	44.023	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	555373	26.628	ng/ul	96
85) Chrysene	21.04	228	940178	30.149	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	978290	30.539	ng/ul	99
91) Benzo(a)pyrene	23.01	252	878265	30.483	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	1092567	31.940	ng/ul	97
93) Dibenzo(a,h)anthracene	25.14	278	704290	24.068	ng/ul	98

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