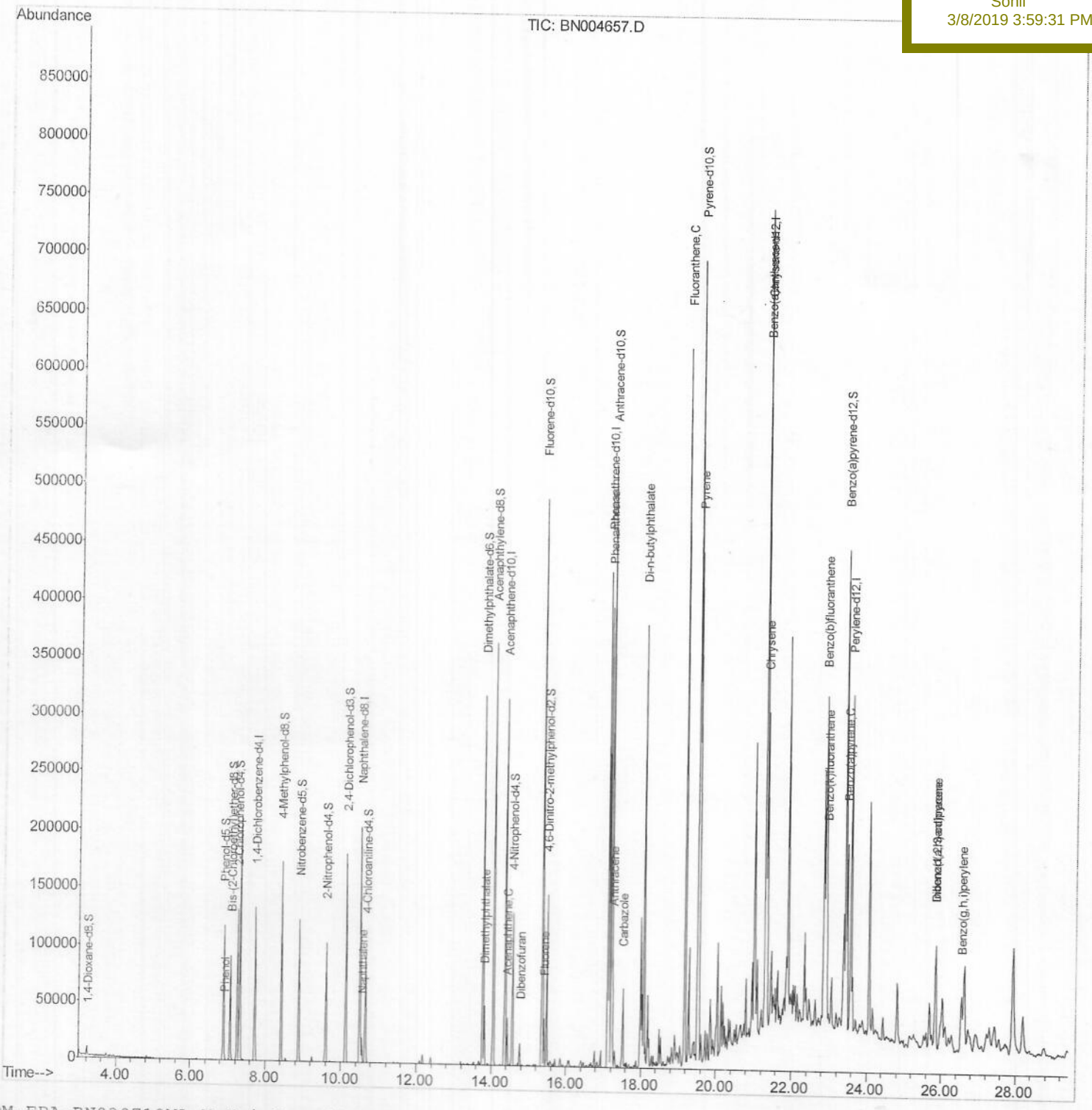
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004657.D
Acq On : 08 Mar 2019 03:05
Operator : JU/SJ
Sample : K1657-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 08 04:30:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 00:36:35 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB649

Manual Integrations APPROVED
Sohil
3/8/2019 3:59:31 PM



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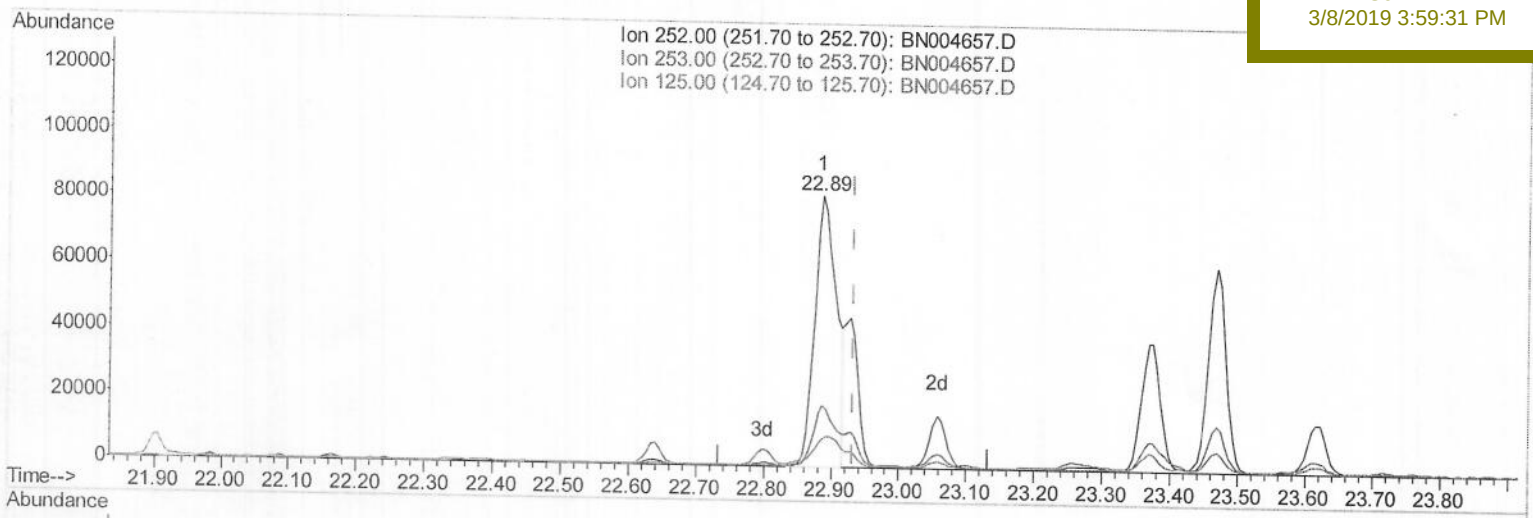

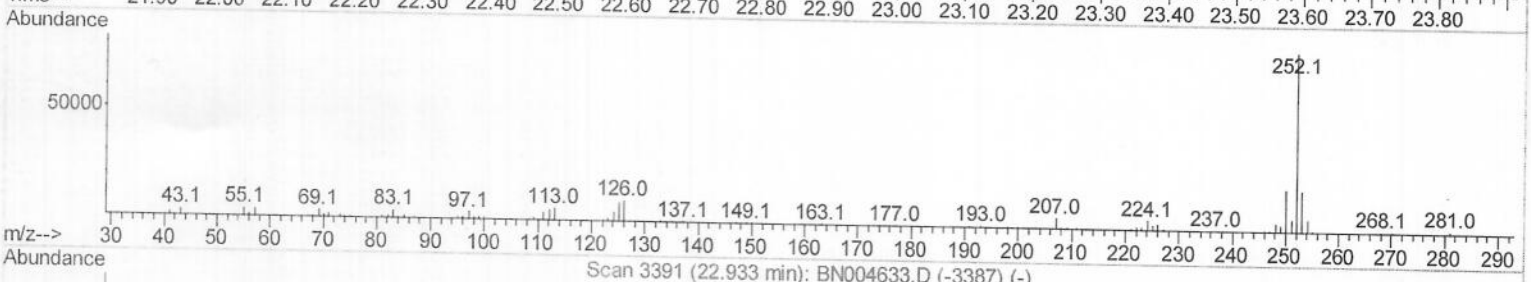

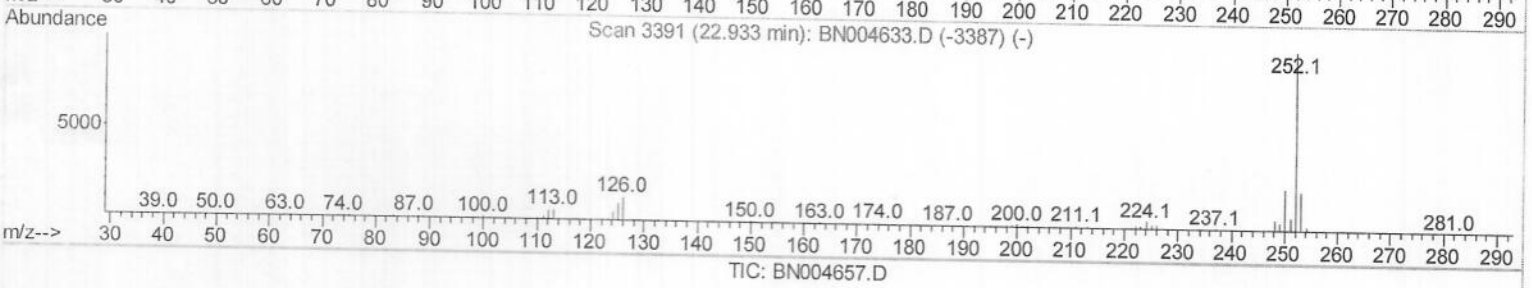

TIC: BN004657.D

(89) Benzo(k)fluoranthene

22.886min (-0.047) 14.19ng/ul

response 185000

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.82
125.00	9.20	10.42
0.00	0.00	0.00

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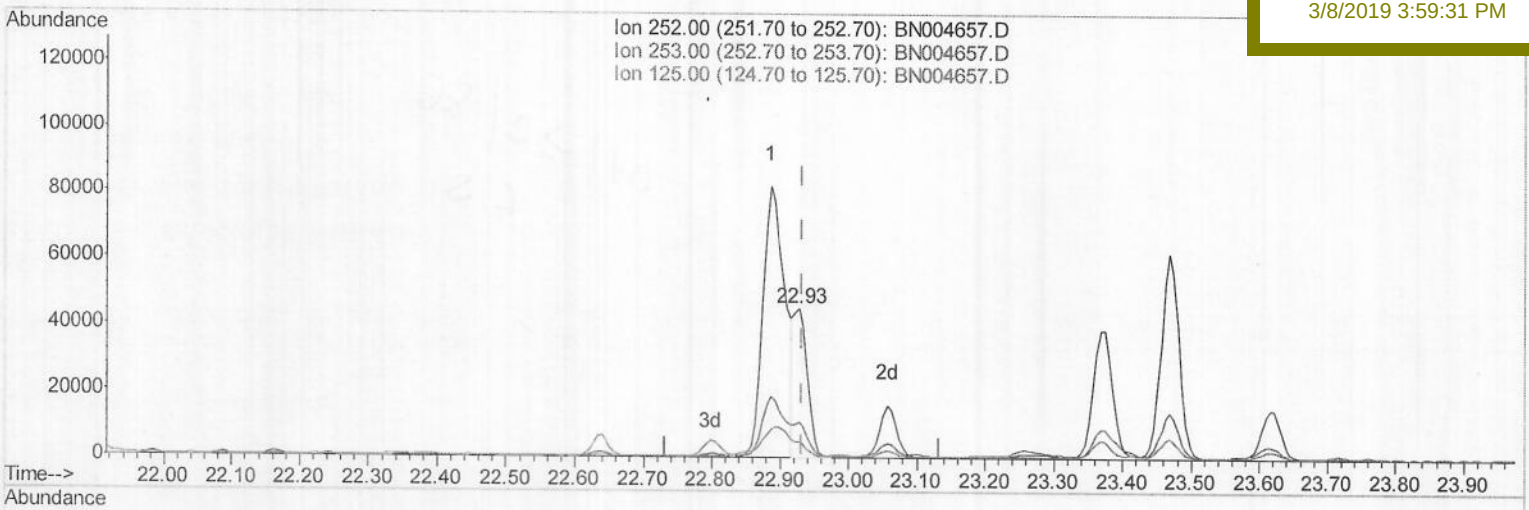
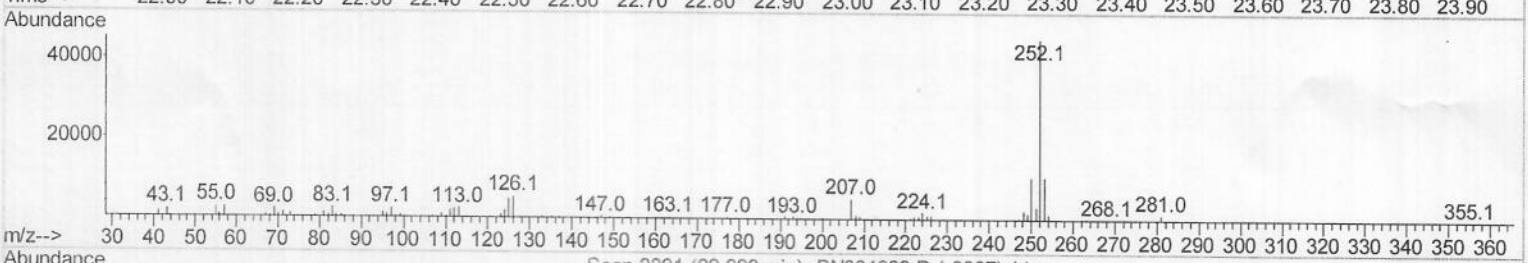
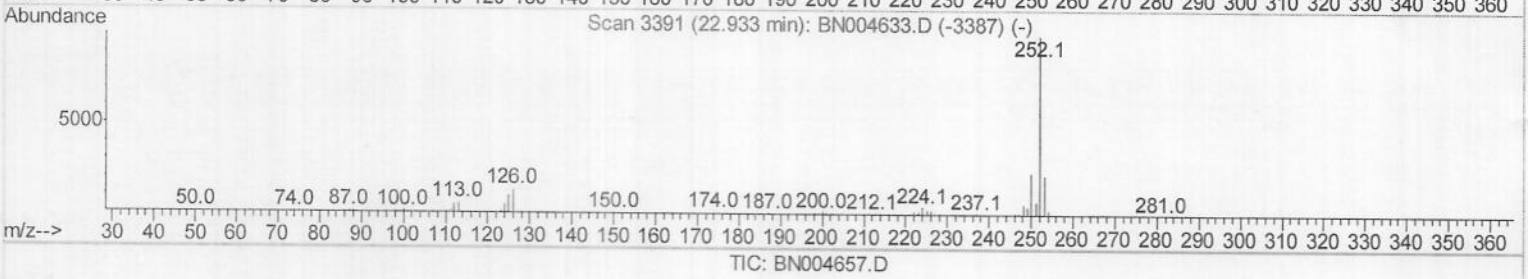
Sohil
3/8/2019 3:59:31 PM







TIC: BN004657.D

(89) Benzo(k)fluoranthene

22.927min (-0.006) 4.81ng/ul m

response 62679

SJ 03/08/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.68
125.00	9.20	10.82
0.00	0.00	0.00

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Instrument : BNA_N
ClientSampleId : DB649

Manual Integrations APPROVED
Sohil
3/8/2019 3:59:31 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	38024	20.00 ng/ul	0.00
18) Naphthalene-d8	10.50	136	180334	20.00 ng/ul	0.00
36) Acenaphthene-d10	14.36	164	108713	20.00 ng/ul	0.00
62) Phenanthrene-d10	17.11	188	252470	20.00 ng/ul	0.00
78) Chrysene-d12	21.31	240	253168	20.00 ng/ul	0.00
86) Perylene-d12	23.57	264	213677	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.23	96	4898	7.27 ng/uL	0.00
5) Phenol-d5	6.88	99	73937	23.53 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	38634	23.57 ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	65396	23.99 ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	67482	24.69 ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	33529	24.39 ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	39547	25.33 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	70419	23.66 ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	57923	16.23 ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	229098	24.37 ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	270004	23.86 ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	36602	20.98 ng/ul	0.00
58) Fluorene-d10	15.36	176	192102	24.05 ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	38043	21.83 ng/ul	0.00
71) Anthracene-d10	17.21	188	289794	23.57 ng/ul	0.00
79) Pyrene-d10	19.51	212	313221	25.32 ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	238540	20.79 ng/ul	0.00
Target Compounds					Qvalue
6) Phenol	6.91	94	5130	1.604 ng/ul	96
28) Naphthalene	10.56	128	20232	2.153 ng/ul	99
45) Dimethylphthalate	13.82	163	35103	3.806 ng/ul	99
50) Acenaphthene	14.42	153	18704	2.475 ng/ul	99
54) Dibenzofuran	14.76	168	14555	1.341 ng/ul	98
59) Fluorene	15.41	166	19380	2.225 ng/ul	99
70) Phenanthrene	17.15	178	241010	17.167 ng/ul	99
72) Anthracene	17.25	178	66596	4.643 ng/ul	99
75) Carbazole	17.52	167	44212	3.549 ng/ul	99
76) Di-n-butylphthalate	18.07	149	288805	18.695 ng/ul	100
77) Fluoranthene	19.17	202	363327	22.446 ng/ul	97
80) Pyrene	19.54	202	268050	17.464 ng/ul	100
83) Benzo(a)anthracene	21.29	228	172821	10.851 ng/ul	97
85) Chrysene	21.35	228	147071	9.944 ng/ul	97
88) Benzo(b)fluoranthene	22.89	252	185000	13.949 ng/ul	98
89) Benzo(k)fluoranthene	22.93	252	62679m	4.806 ng/ul	
91) Benzo(a)pyrene	23.47	252	112662	9.030 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.84	276	78513	5.777 ng/ul#	95
93) Dibenzo(a,h)anthracene	25.84	278	23122	2.022 ng/ul#	87
94) Benzo(g,h,i)perylene	26.54	276	62140	5.622 ng/ul	99

SJ 03/08/19

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