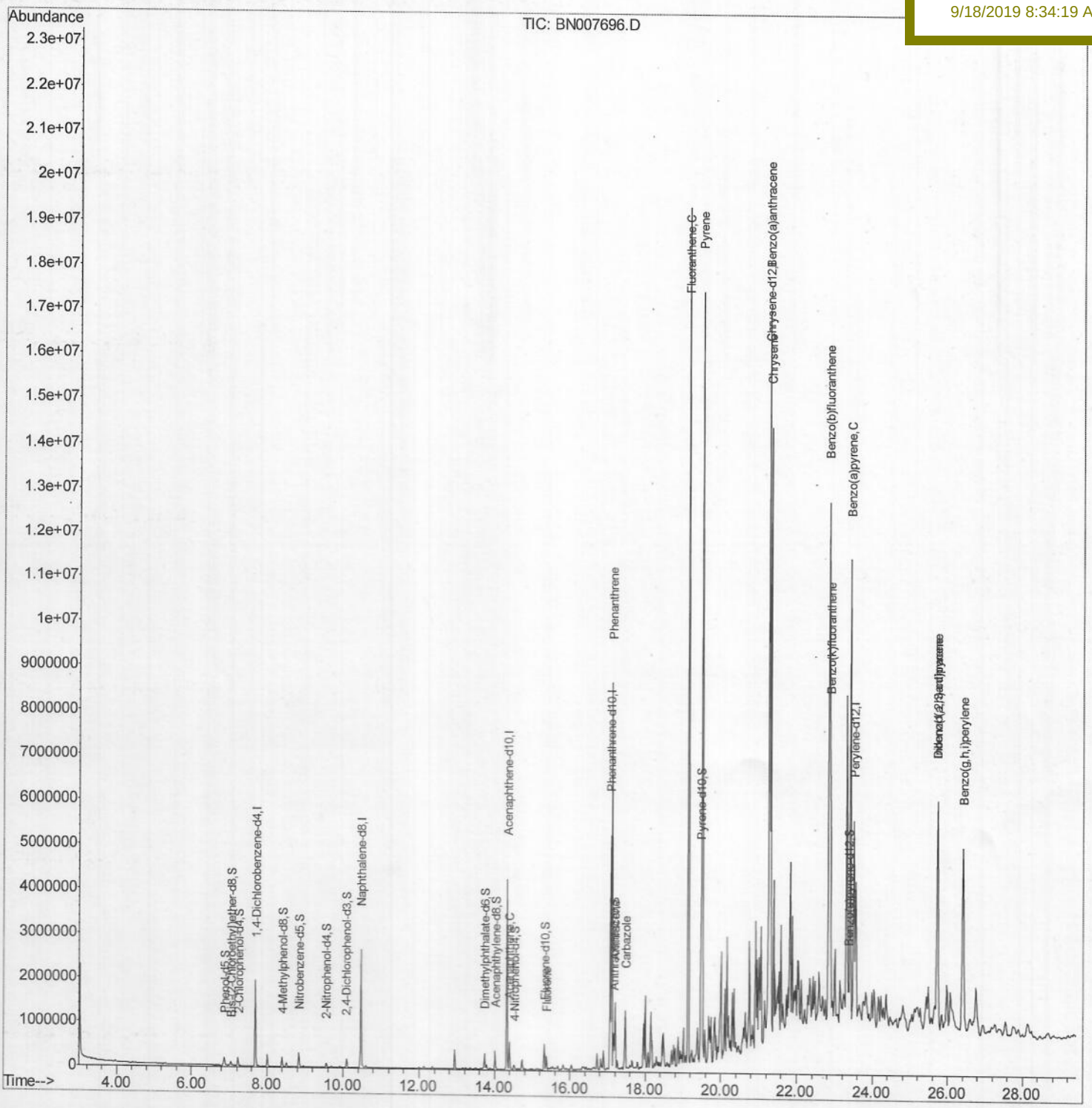
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
Data File : BN007696.D
Acq On : 17 Sep 2019 14:43
Operator : HP/JU
Sample : K4634-09MEDL2 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 18 01:52:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL2

Manual Integrations APPROVED
mohammad
9/18/2019 8:34:19 AM



Quantitation Report (Qedit)

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Acq On : 17 Sep 2019 14:43
Operator : HP/JU
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Quant Time: Sep 18 01:33:45 2019
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Quant Title : SVOA CALIBRATION
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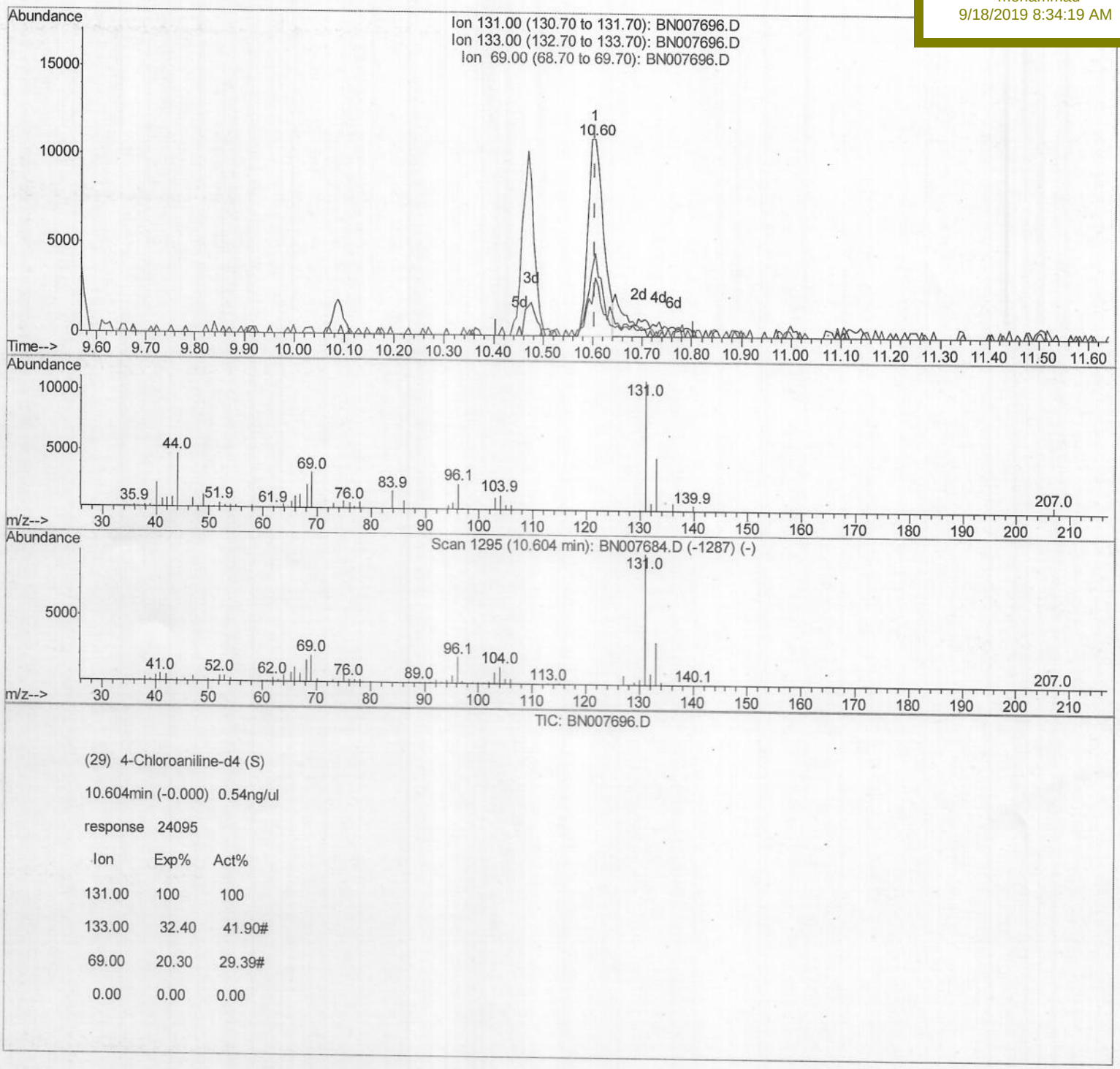
Manual Integrations APPROVED
mohammad
9/18/2019 8:34:19 AM



TIC: BN007696.D

(29) 4-Chloroaniline-d4 (S)

10.604min (-0.000) 0.54ng/ul

response 24095

Ion	Exp%	Act%
131.00	100	100
133.00	32.40	41.90#
69.00	20.30	29.39#
0.00	0.00	0.00

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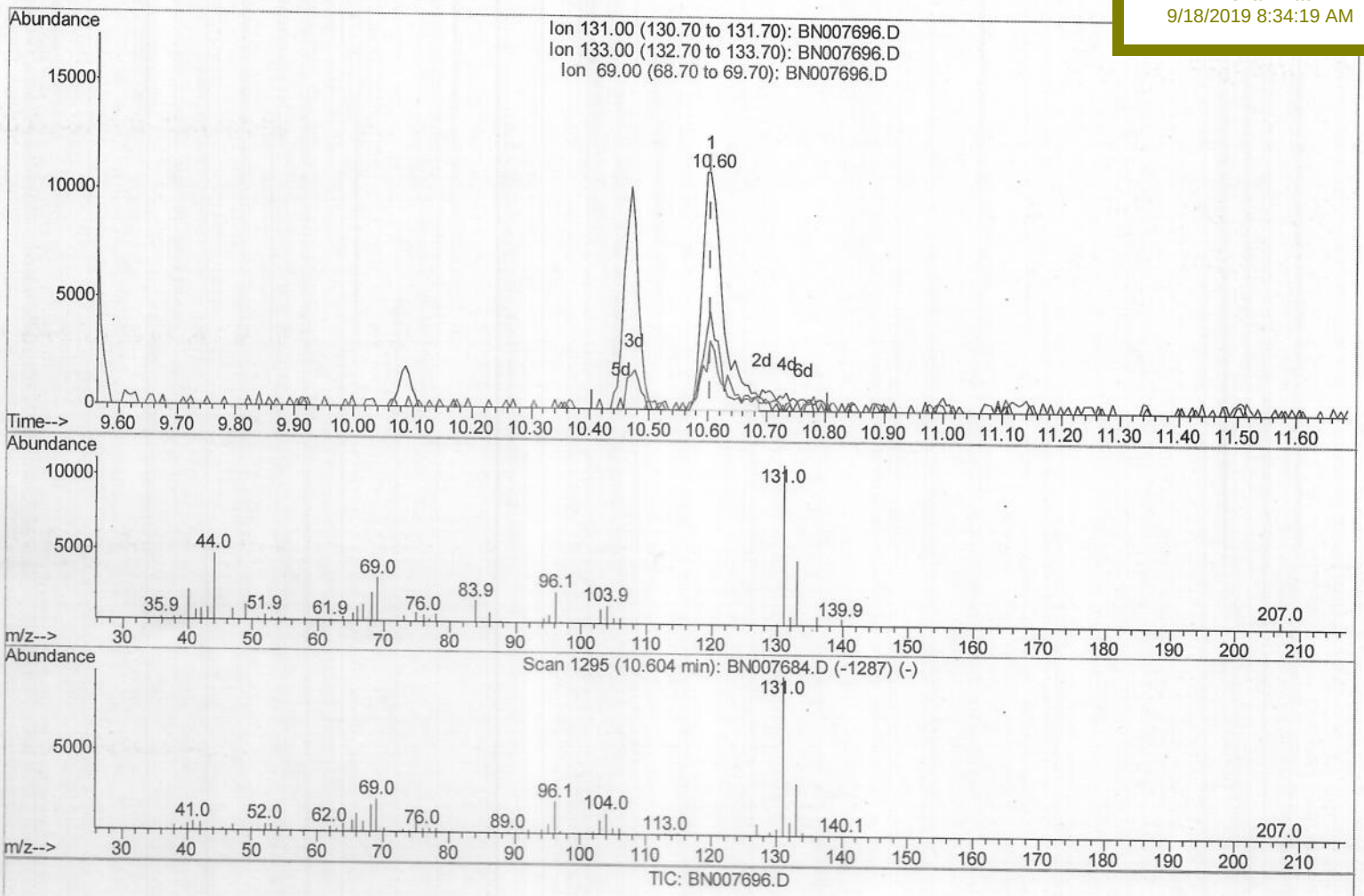
Manual Integrations APPROVED
mohammad
9/18/2019 8:34:19 AM



TIC: BN007696.D

(29) 4-Chloroaniline-d4 (S)

10.604min (-0.000) 0.63ng/ul m JU 09/18/19

response 27694

Ion	Exp%	Act%
131.00	100	100
133.00	32.40	41.90#
69.00	20.30	29.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

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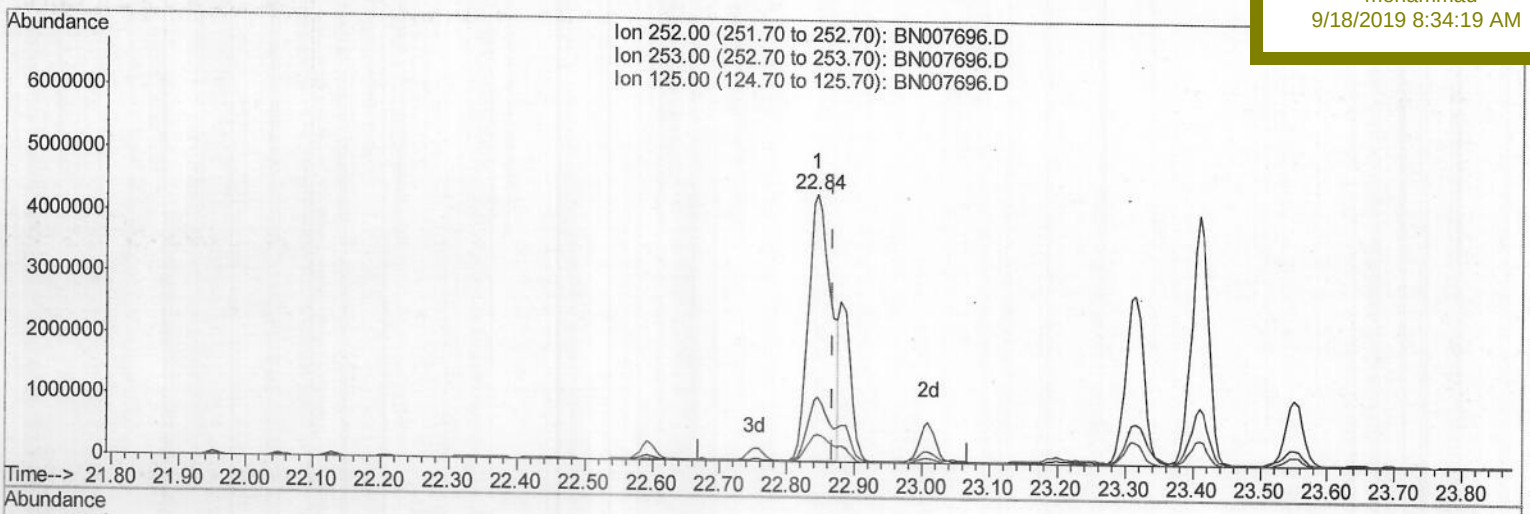
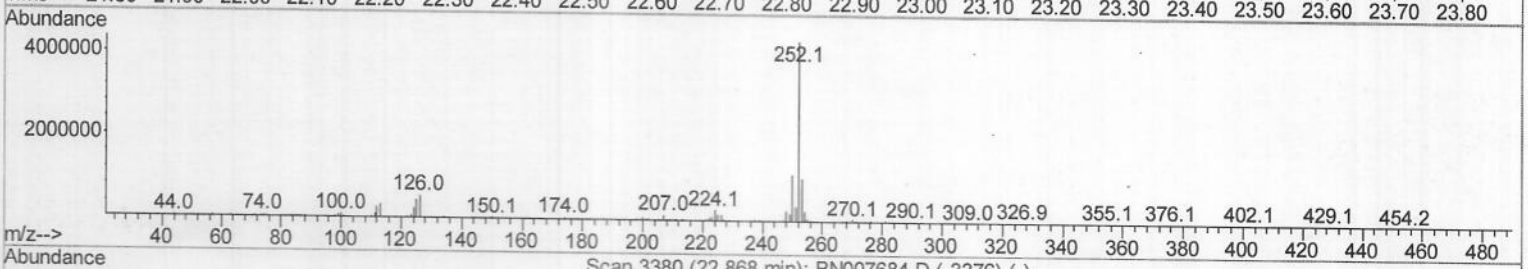
Acq On : 17 Sep 2019 14:43
Operator : HP/JU
Sample : K4634-09MEDL2 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

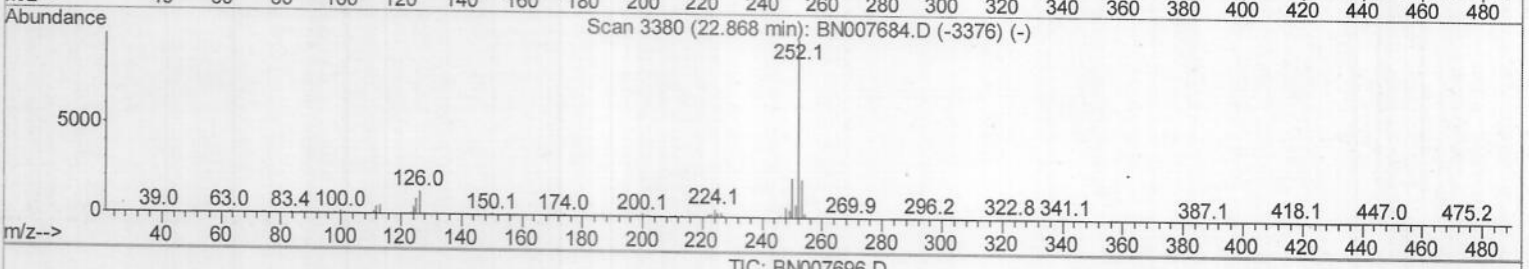
Quant Time: Sep 18 01:33:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL2

Manual Integrations APPROVED
mohammad
9/18/2019 8:34:19 AM







TIC: BN007696.D

(88) Benzo(k)fluoranthene

22.845min (-0.024) 51.31ng/ul

response 10319465

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.95
125.00	10.30	10.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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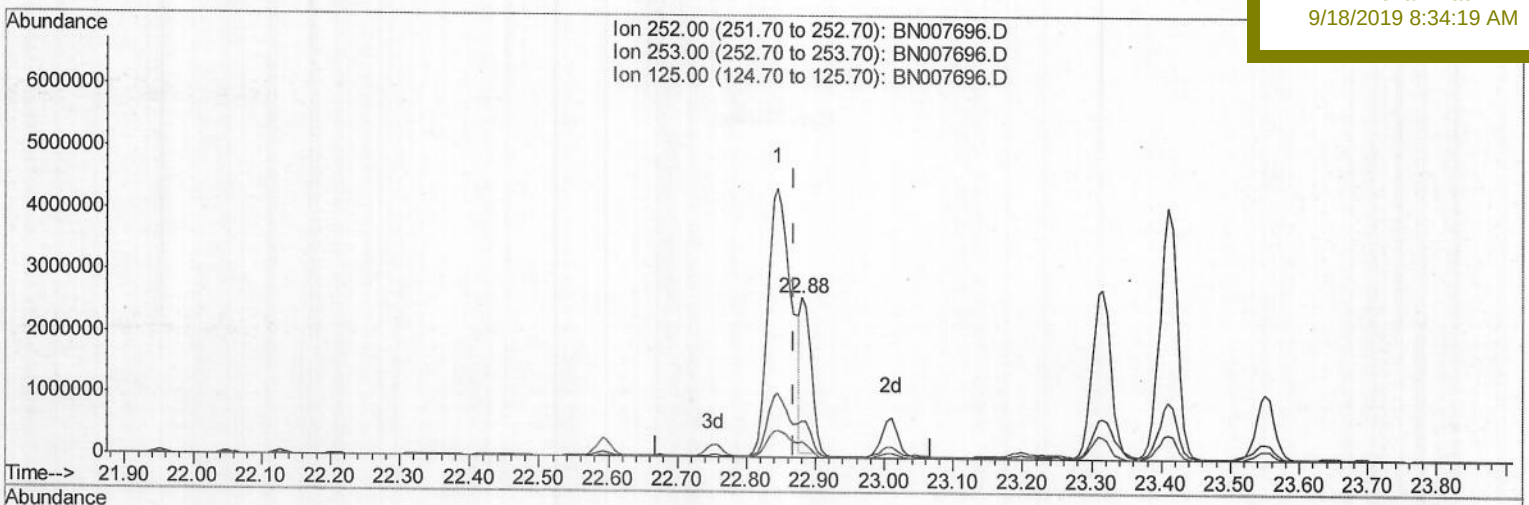
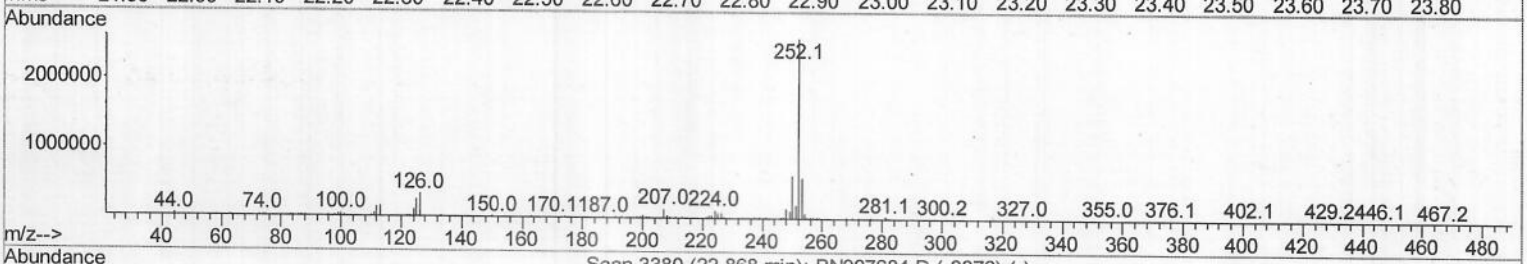
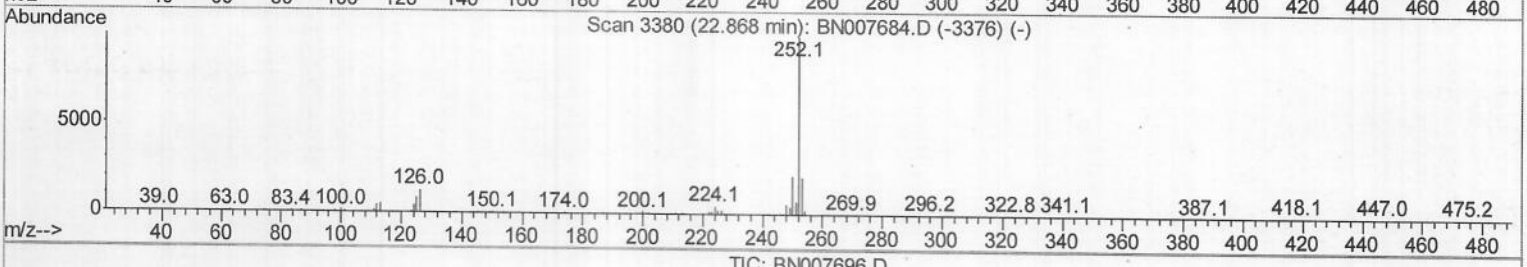
Manual Integrations APPROVED
mohammad
9/18/2019 8:34:19 AM







TIC: BN007696.D

(88) Benzo(k)fluoranthene

22.880min (+0.012) 13.64ng/ul m JU 09/18/19

response 2744219

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.81
125.00	10.30	9.60
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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QLast Update : Mon Sep 16 18:09:41 2019
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Instrument : BNA_N
ClientSampleId : F2D27MEDL2

Manual Integrations APPROVED
mohammad
9/18/2019 8:34:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	499096	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.47	136	2098091	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1352440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2976714	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	2948784	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	3200347	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	4246	0.32	ng/uL	0.00
5) Phenol-d5	6.87	99	107615	2.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	50402	1.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	80934	2.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	73887	2.04	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	72149	4.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	30276	2.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	69898	2.05	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.60	131	27694m	0.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	231180	2.15	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	260461	2.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	25642	1.34	ng/ul	0.00
57) Fluorene-d10	15.32	176	208819	2.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	6891	0.43	ng/ul	0.00
70) Anthracene-d10	17.17	188	342107	2.31	ng/ul	0.00
78) Pyrene-d10	19.47	212	413261	2.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	413724	2.48	ng/ul	0.01
Target Compounds						Qvalue
49) Acenaphthene	14.39	153	239957	2.627	ng/ul	99
58) Fluorene	15.37	166	129904	1.219	ng/ul	99
69) Phenanthrene	17.12	178	4910671	27.818	ng/ul	99
71) Anthracene	17.20	178	902239	5.106	ng/ul	98
74) Carbazole	17.47	167	796433	5.329	ng/ul	98
76) Fluoranthene	19.14	202	11383193	58.785	ng/ul	99
79) Pyrene	19.50	202	10423280	53.084	ng/ul	100
82) Benzo(a)anthracene	21.26	228	6718804	31.976	ng/ul	96
84) Chrysene	21.32	228	7695131	39.362	ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	10319465	49.861	ng/ul	97
88) Benzo(k)fluoranthene	22.88	252	2744219m	13.644	ng/ul	
90) Benzo(a)pyrene	23.41	252	7221571	36.091	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.73	276	4791412	20.381	ng/ul	95
92) Dibenzo(a,h)anthracene	25.73	278	1303243	6.646	ng/ul#	82
93) Benzo(g,h,i)perylene	26.41	276	4685372	24.311	ng/ul	97

JU 09/28/19

JU 09/28/19

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