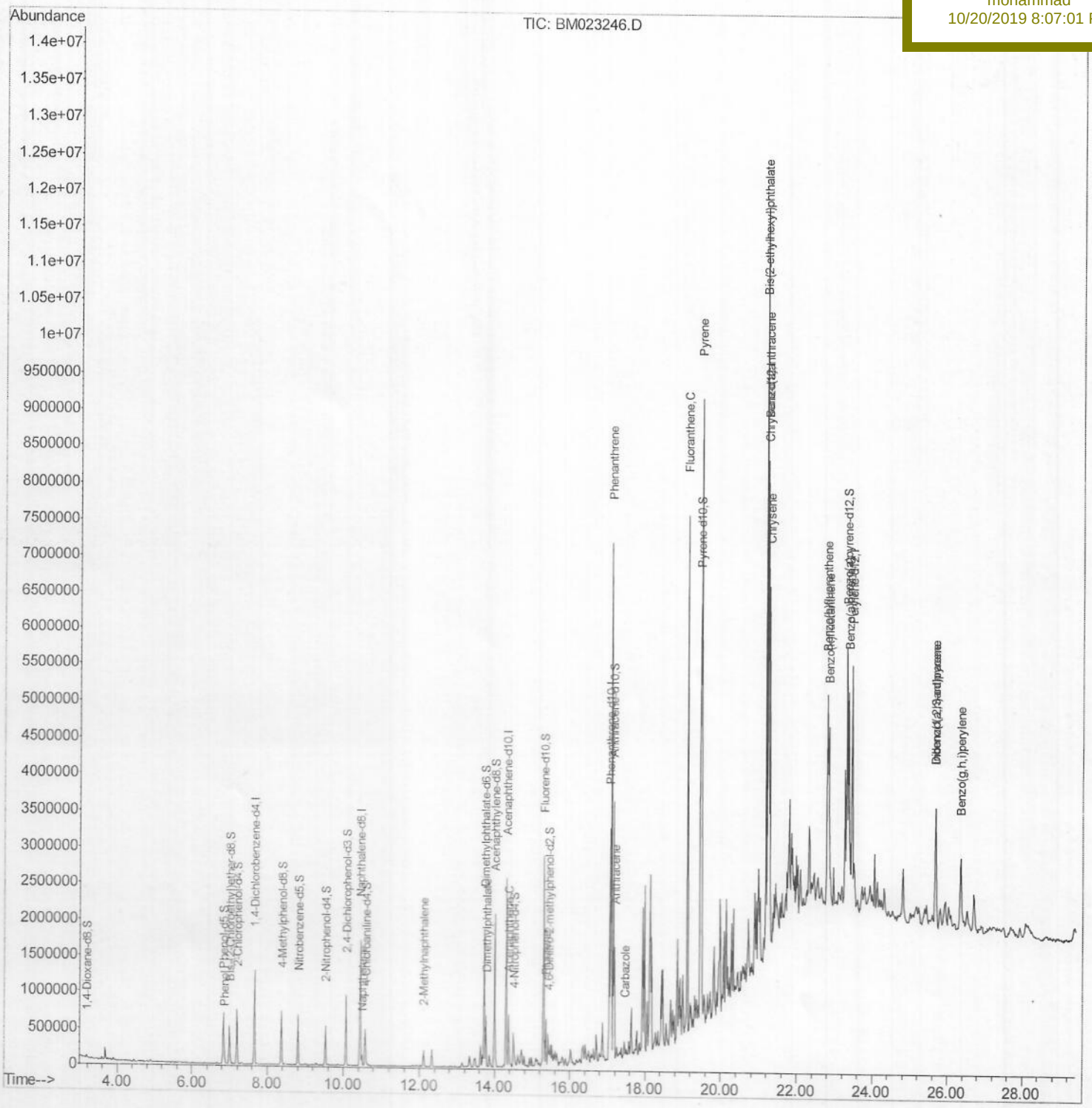
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 08:57:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEPB7

Manual Integrations APPROVED
mohammad
10/20/2019 8:07:01 PM



Quantitation Report (Qedit)

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Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 08:54:23 2019
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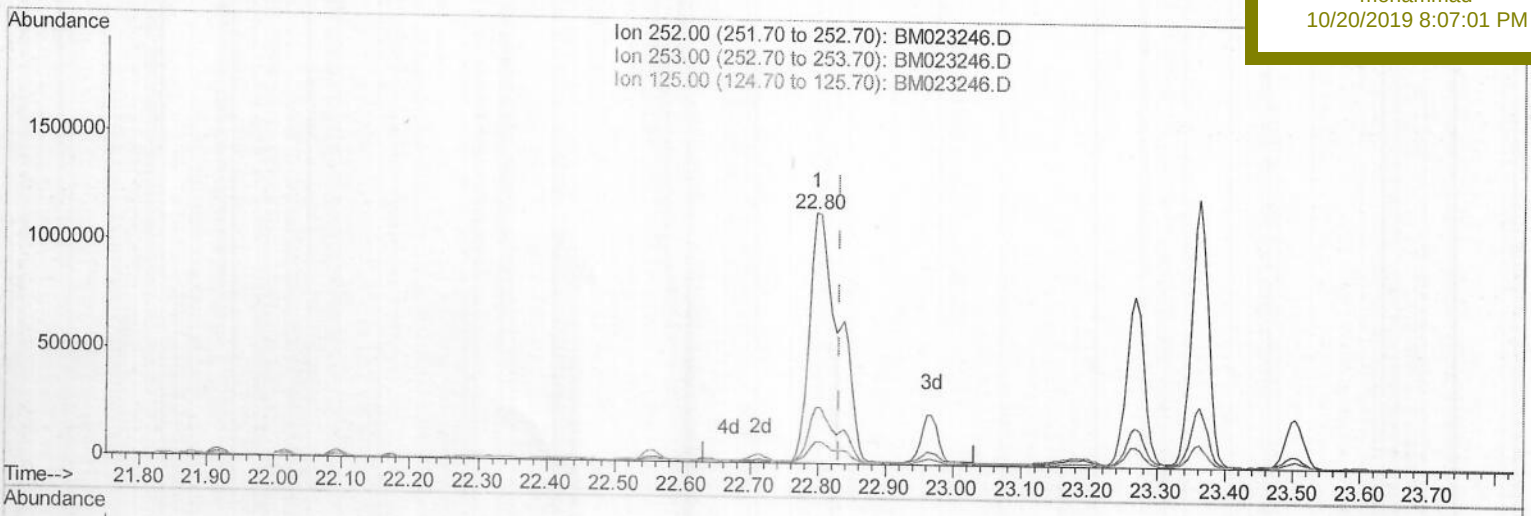

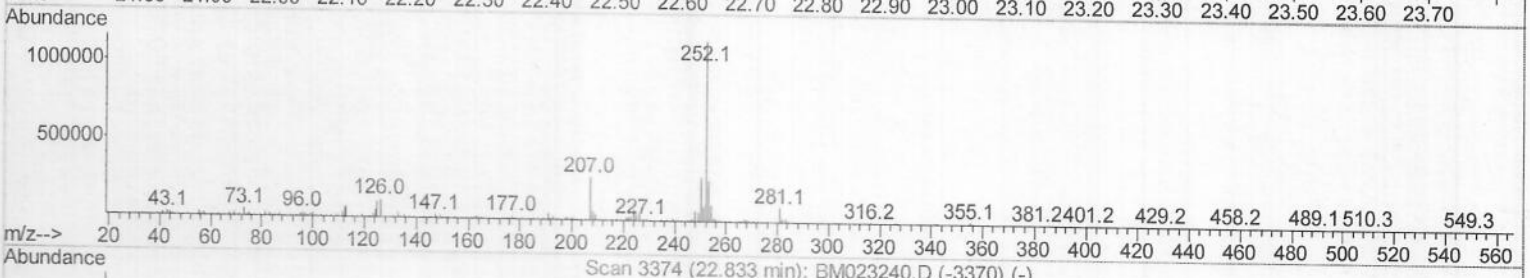

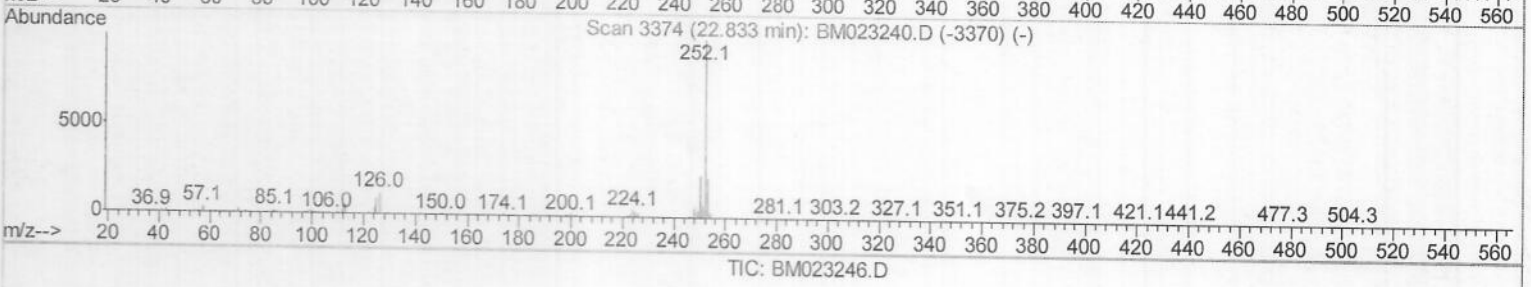

TIC: BM023246.D

(89) Benzo(k)fluoranthene

22.797min (-0.035) 19.26ng/ul

response 2587961

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.62
125.00	8.10	8.75
0.00	0.00	0.00

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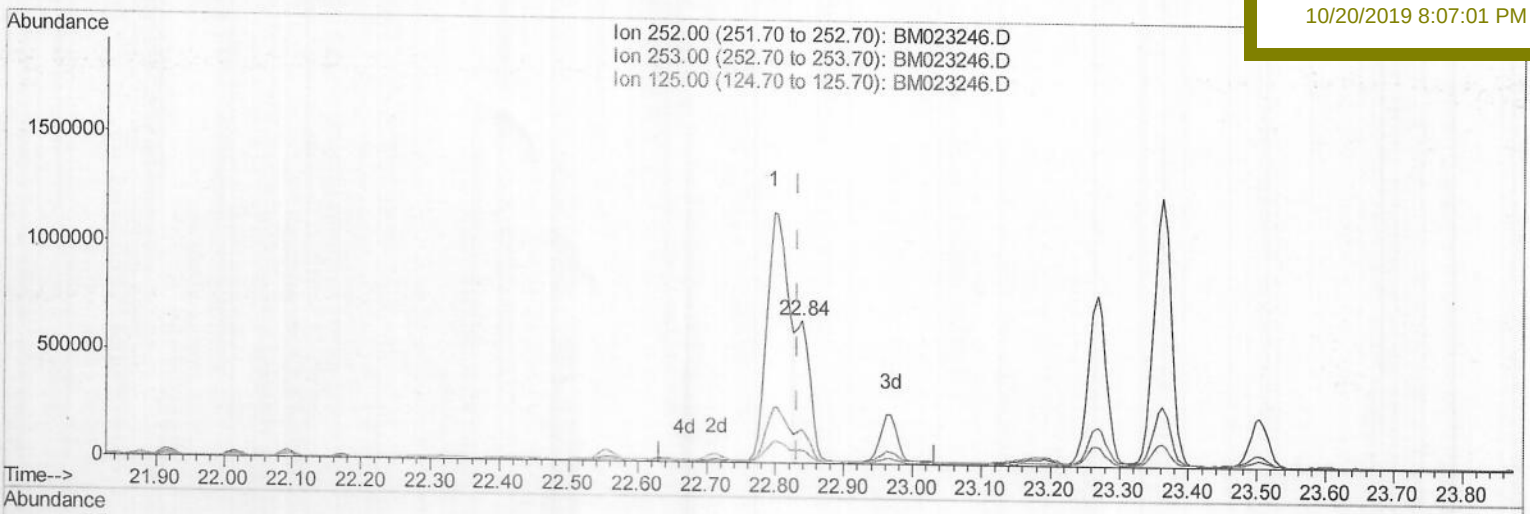
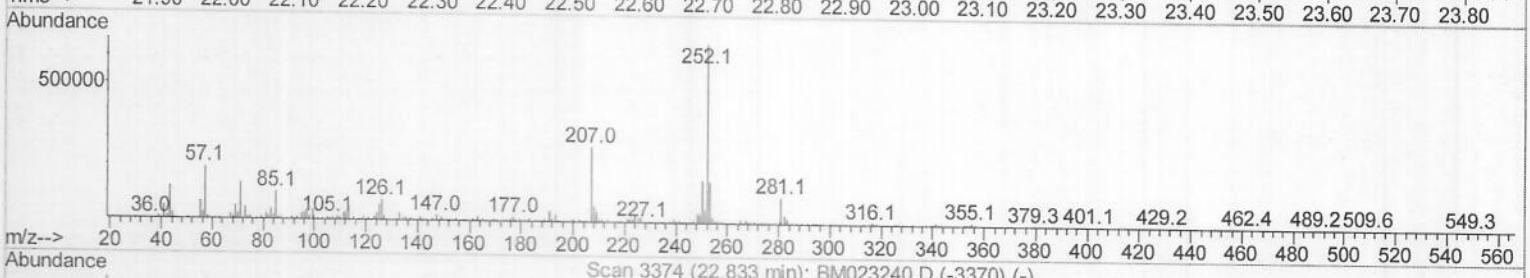
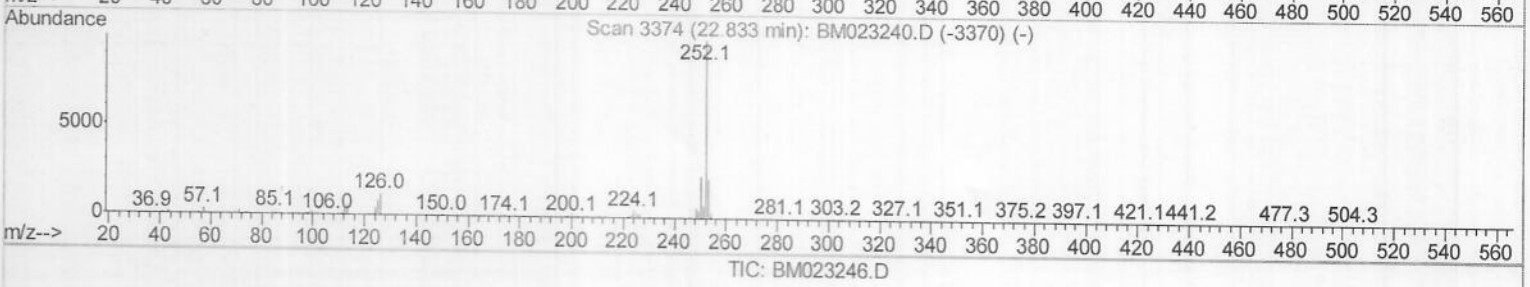
Manual Integrations APPROVED
mohammad
10/20/2019 8:07:01 PM







(89) Benzo(k)fluoranthene

22.839min (+0.006) 6.59ng/ul m } JU 10/21/19

response 885684

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.61
125.00	8.10	8.99
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
10/20/2019 8:07:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	360552	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1414807	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	890959	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1852324	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1903395	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2307756	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	20876	2.55	ng/uL	0.00
5) Phenol-d5	6.83	99	384776	12.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	234410	13.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	333273	13.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	274134	10.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	166965	17.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	181117	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	361536	15.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	284532	10.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1255735	18.39	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1411279	17.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	103877	9.40	ng/ul	0.00
58) Fluorene-d10	15.30	176	1152878	19.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	87878	11.97	ng/ul	0.00
71) Anthracene-d10	17.15	188	1938248	21.70	ng/ul	0.00
79) Pyrene-d10	19.45	212	2297331	24.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2742546	23.44	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	62980	1.945	ng/ul	96
28) Naphthalene	10.49	128	114563	1.567	ng/ul	100
34) 2-Methylnaphthalene	12.11	142	107113	1.968	ng/ul	98
45) Dimethylphthalate	13.77	163	435369	6.371	ng/ul	99
50) Acenaphthene	14.37	153	275526	4.833	ng/ul	97
59) Fluorene	15.36	166	244780	3.686	ng/ul#	97
70) Phenanthrene	17.09	178	4410289	42.425	ng/ul	99
72) Anthracene	17.19	178	936103	8.714	ng/ul	100
75) Carbazole	17.45	167	128597	1.340	ng/ul	99
77) Fluoranthene	19.12	202	4142539	33.507	ng/ul	98
80) Pyrene	19.48	202	5323083	44.642	ng/ul	98
83) Benzo(a)anthracene	21.23	228	2760629	21.405	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	3580811	54.300	ng/ul	98
85) Chrysene	21.28	228	2701372	22.558	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	2587961	18.496	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	885684m	6.592	ng/ul	98
91) Benzo(a)pyrene	23.36	252	2182292	16.257	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	1236249	7.741	ng/ul	98
93) Dibenzo(a,h)anthracene	25.68	278	392189	2.937	ng/ul	95
94) Benzo(g,h,i)perylene	26.35	276	1222220	9.295	ng/ul	98

JU 10/21/19

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