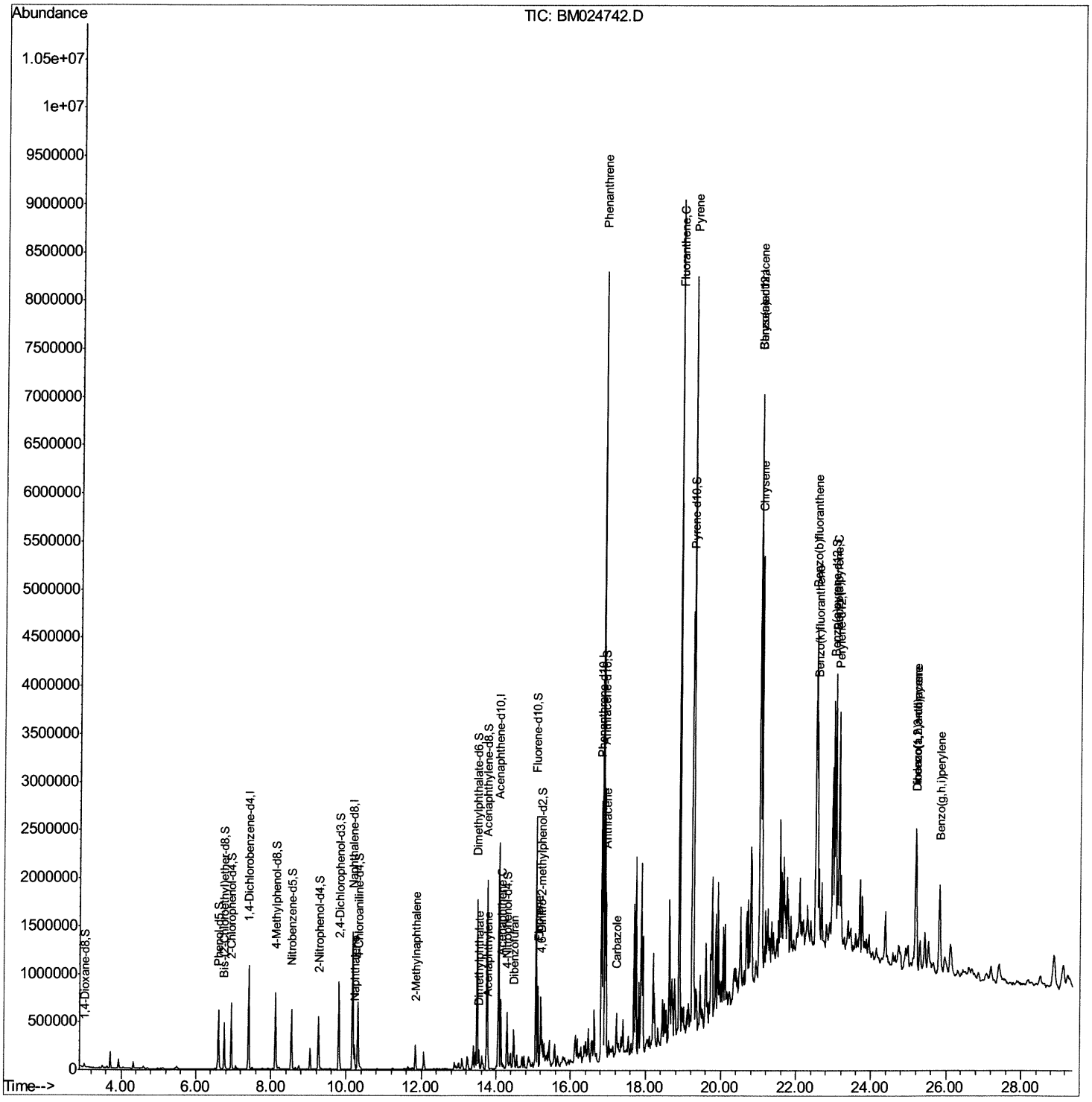
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024742.D
Acq On : 06 Feb 2020 23:51
Operator : CG/JU
Sample : L1398-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 07 01:13:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6E2

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:01 AM



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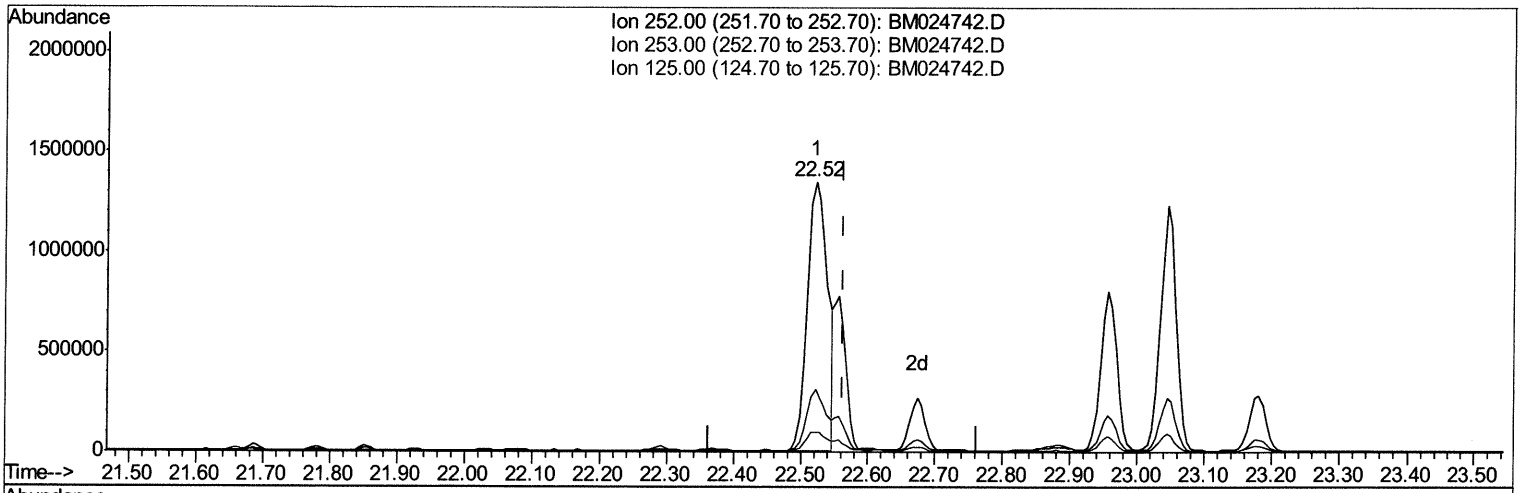

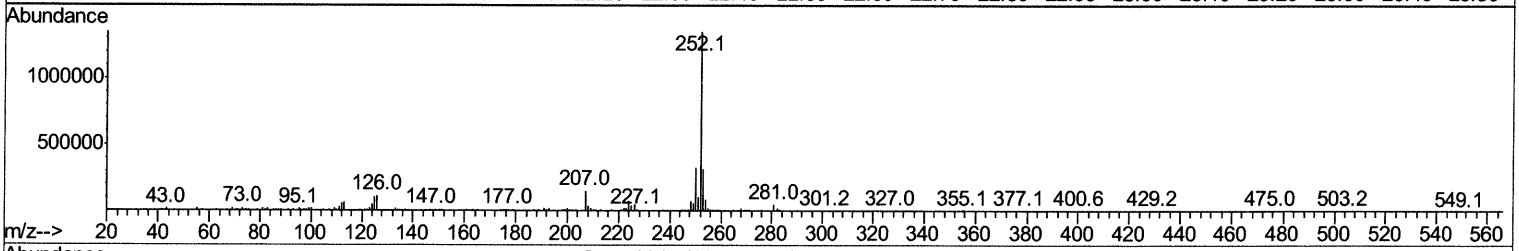

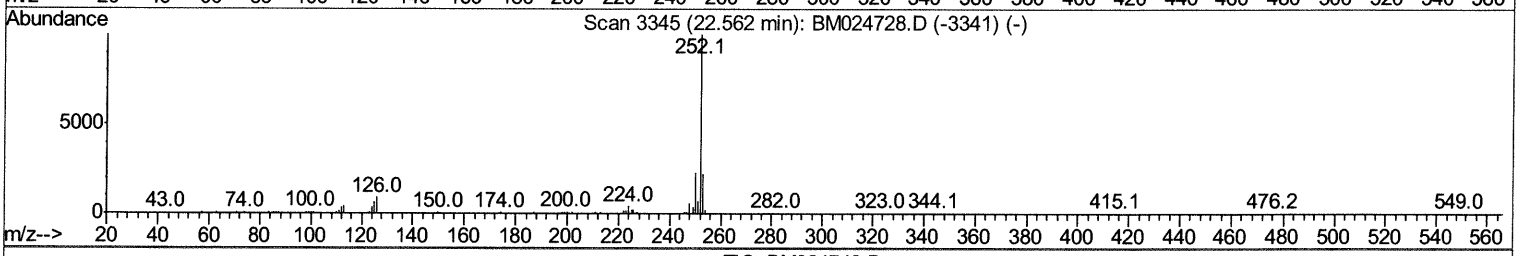

TIC: BM024742.D

(89) Benzo(k)fluoranthene

22.521min (-0.041) 26.39ng/ul

response 2797104

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.04
125.00	6.40	7.31
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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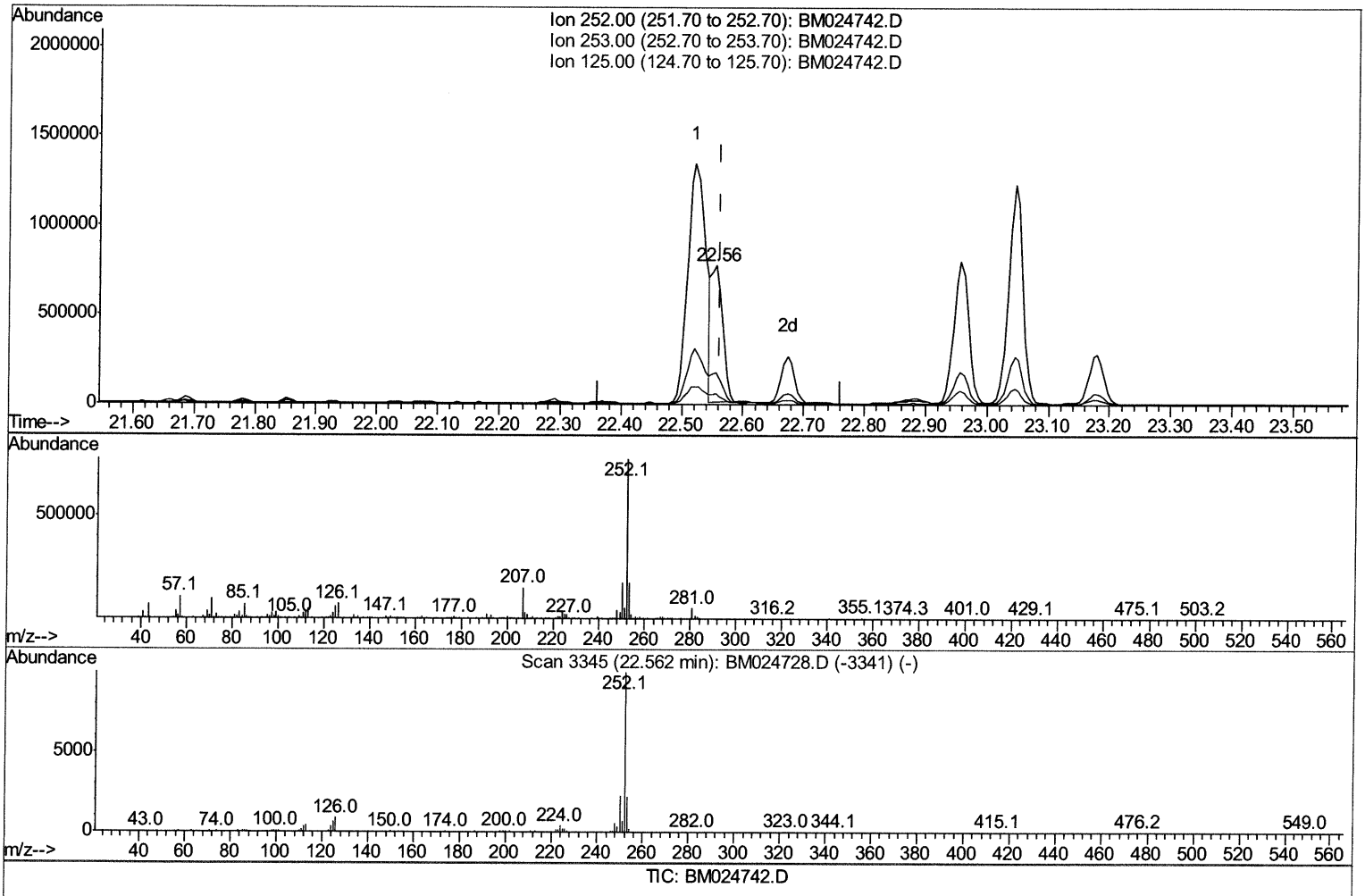
Manual Integrations APPROVED
mohammad
2/10/2020 8:22:01 AM



TIC: BM024742.D

(89) Benzo(k)fluoranthene

22.556min (-0.006) 8.74ng/ul m JU 02/12/20

response 926591

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.67
125.00	6.40	7.52
0.00	0.00	0.00

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BNA_M
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CB6E2

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:01 AM

Quant Time: Feb 07 01:13:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	303951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1203911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	804776	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1702101	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1539797	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1731565	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	20225	3.20	ng/uL	0.00
5) Phenol-d5	6.60	99	350810	17.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	208873	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	323794	17.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	296970	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	159004	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	192002	18.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	366204	17.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	404838	20.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1190433	19.60	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1386342	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	151178	15.32	ng/ul	0.00
58) Fluorene-d10	15.06	176	1043068	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	183867	16.57	ng/ul	0.00
71) Anthracene-d10	16.92	188	1593115	20.50	ng/ul	0.00
79) Pyrene-d10	19.22	212	1755945	22.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1834528	21.09	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	210356	3.420	ng/ul	99
34) 2-Methylnaphthalene	11.84	142	131959	2.912	ng/ul	99
45) Dimethylphthalate	13.53	163	127707	2.015	ng/ul#	98
48) Acenaphthylene	13.77	152	108688	1.479	ng/ul#	95
50) Acenaphthene	14.13	153	297736	6.000	ng/ul	98
54) Dibenzofuran	14.46	168	221982	3.001	ng/ul	100
59) Fluorene	15.12	166	333375	5.468	ng/ul	97
70) Phenanthrene	16.86	178	5080953	54.748	ng/ul	99
72) Anthracene	16.95	178	1065573	11.321	ng/ul	99
75) Carbazole	17.22	167	283059	3.610	ng/ul	99
77) Fluoranthene	18.89	202	5441708	47.764	ng/ul	99
80) Pyrene	19.26	202	5197157	50.991	ng/ul	100
83) Benzo(a)anthracene	21.02	228	2654318	25.591	ng/ul	97
85) Chrysene	21.07	228	2680150	26.247	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	2797104	25.403	ng/ul	97
89) Benzo(k)fluoranthene	22.56	252	926591m >	8.743	ng/ul >	JU 02/13/20
91) Benzo(a)pyrene	23.04	252	1974163	19.999	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	1252447	10.191	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	387791	3.703	ng/ul#	91
94) Benzo(g,h,i)perylene	25.81	276	1147772	11.229	ng/ul	99

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