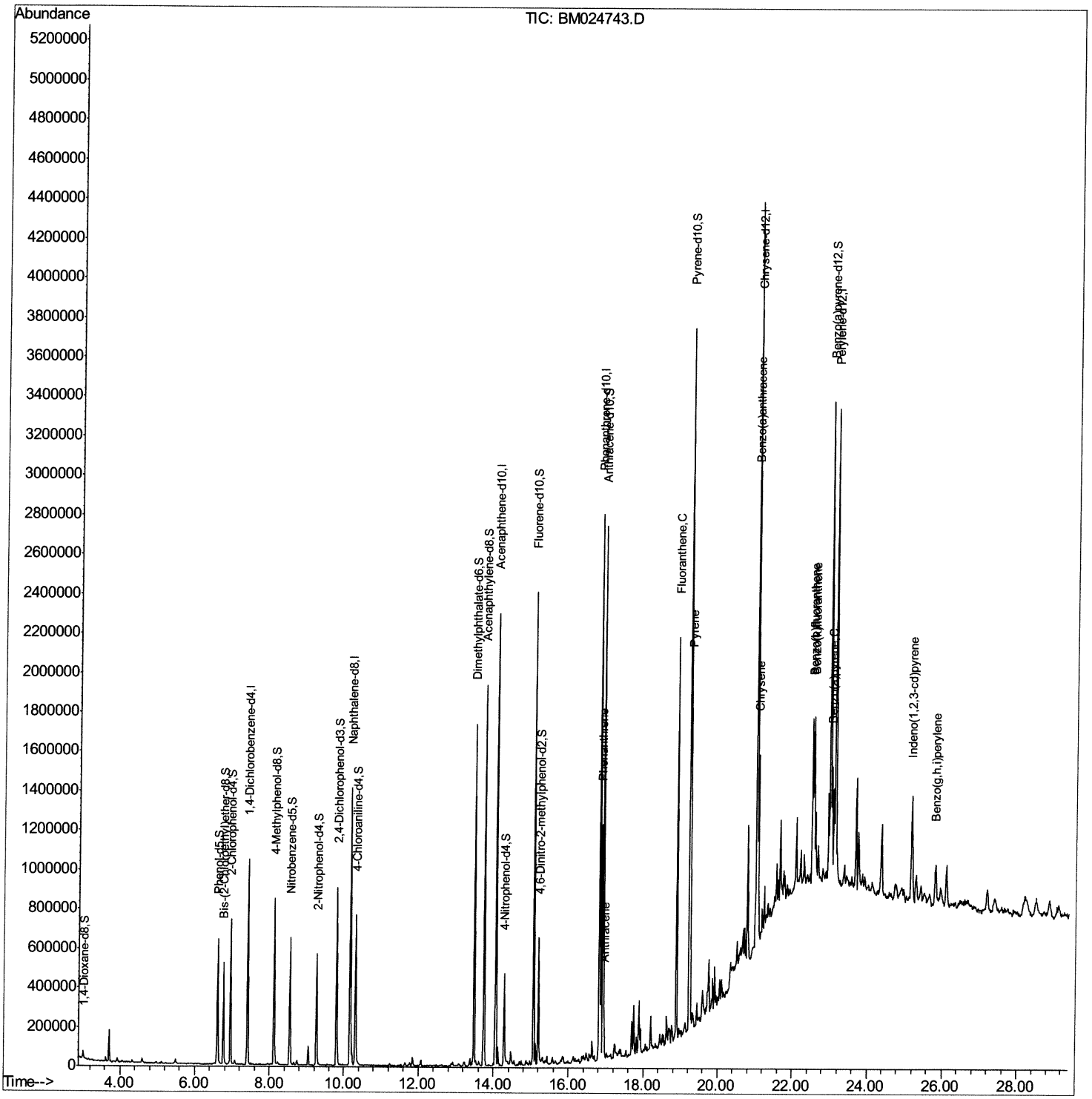
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024743.D
Acq On : 07 Feb 2020 00:27
Operator : CG/JU
Sample : L1398-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 07 01:57:39 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 :
CB6E3

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:04 AM



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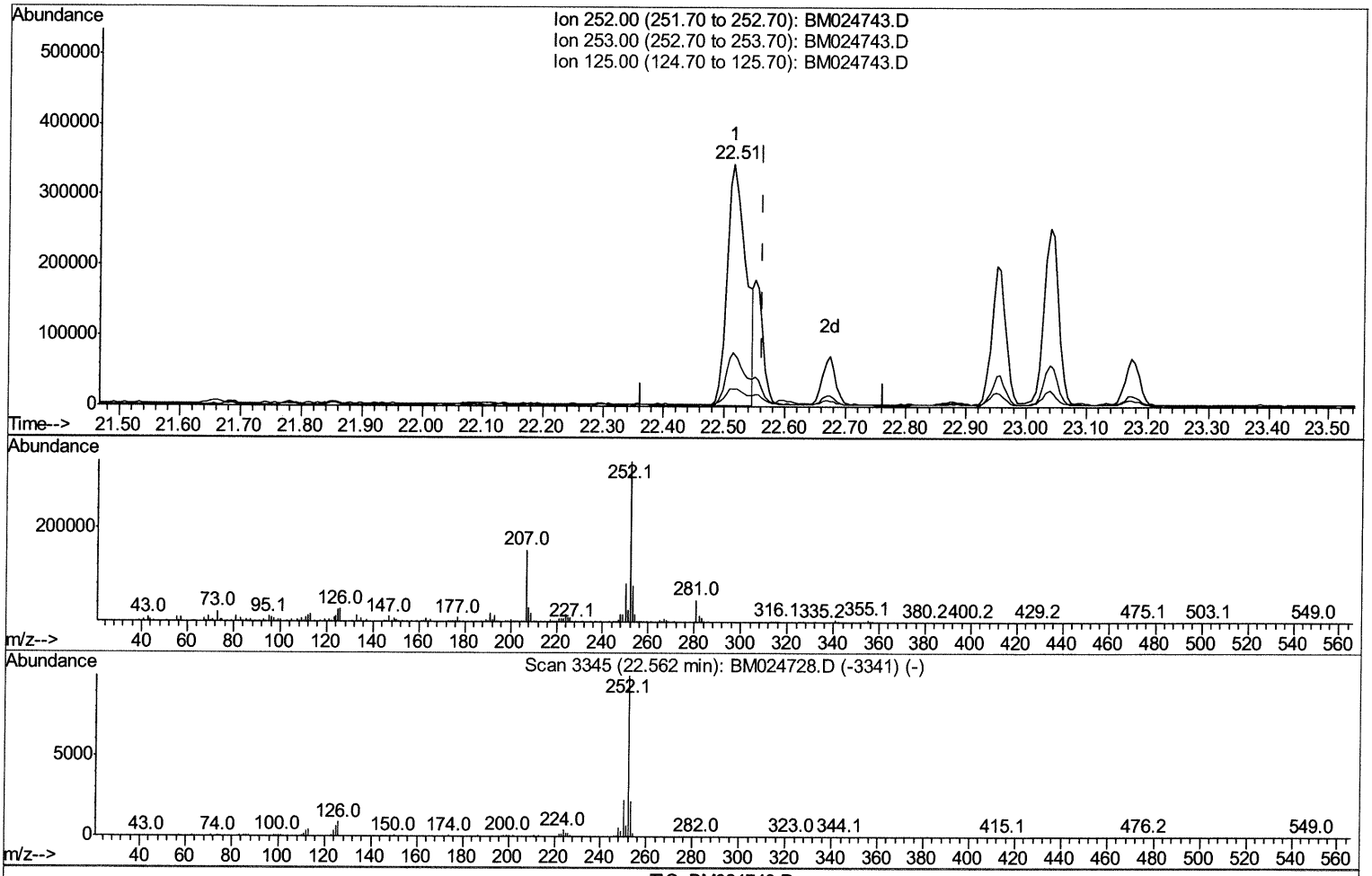

TIC: BM024743.D

(89) Benzo(k)fluoranthene

22.515min (-0.047) 7.03ng/ul

response 729281

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.40
125.00	6.40	7.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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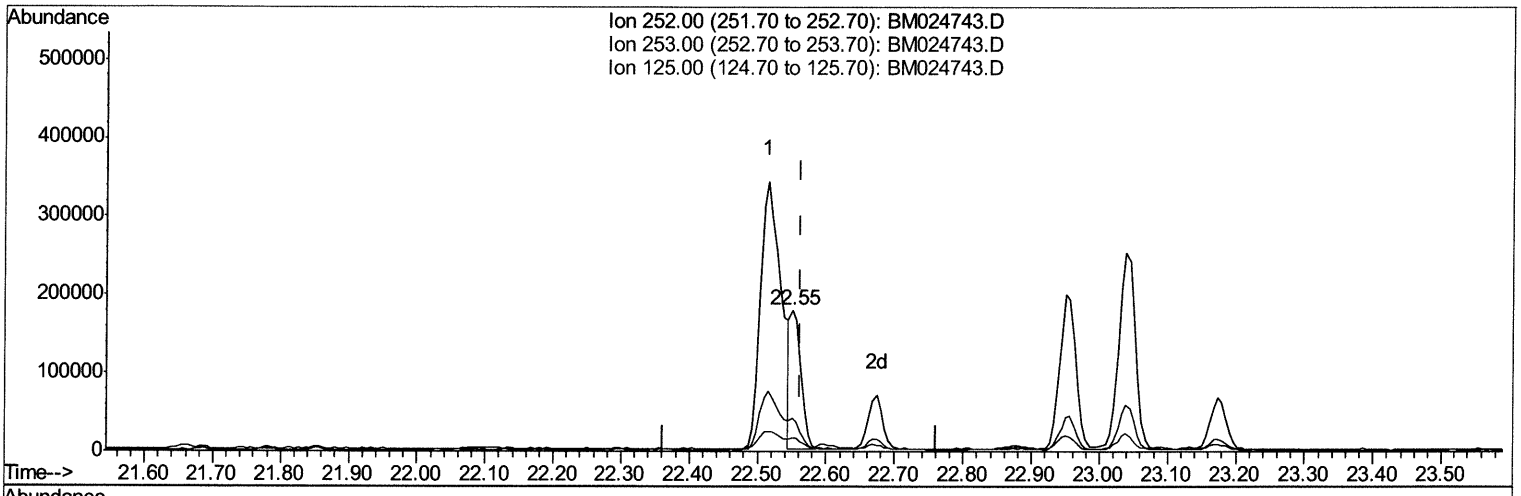
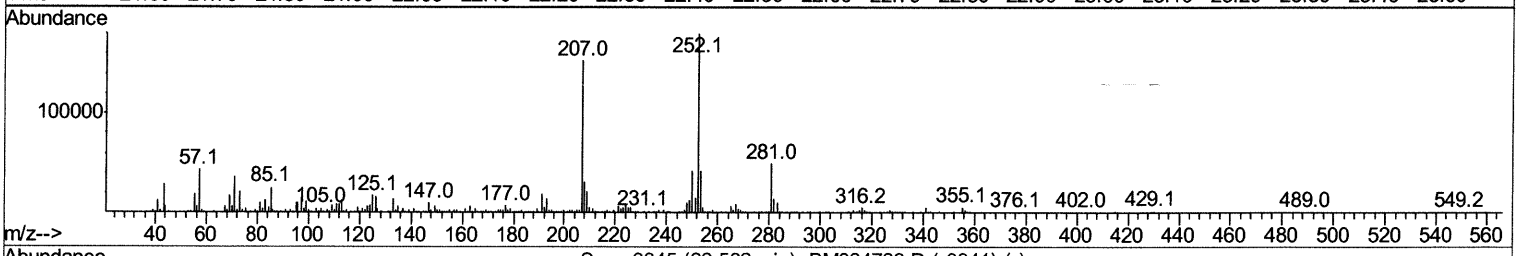
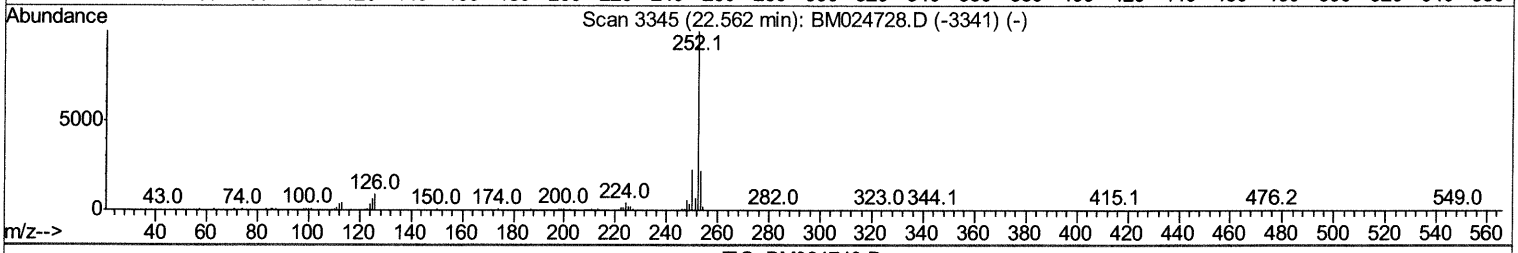
Manual Integrations APPROVED
mohammad
2/10/2020 8:22:04 AM







TIC: BM024743.D

(89) Benzo(k)fluoranthene

22.550min (-0.012) 1.78ng/ul m JU 02/12/20

response 184765

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.77
125.00	6.40	9.50#
0.00	0.00	0.00

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mohammad
2/10/2020 8:22:04 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	295026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1184471	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	791384	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1679688	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1534782	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1693878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	20492	3.34	ng/uL	0.00
5) Phenol-d5	6.60	99	369639	18.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	220841	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	345221	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	324194	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	165711	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	198720	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	364818	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	443859	23.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1169032	19.57	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1365139	19.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	144178	14.85	ng/ul	0.00
58) Fluorene-d10	15.07	176	1013563	19.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	178323	16.29	ng/ul	0.00
71) Anthracene-d10	16.92	188	1556352	20.30	ng/ul	0.00
79) Pyrene-d10	19.22	212	1758804	22.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1808860	21.26	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.86	178	733737	8.012	ng/ul	100
72) Anthracene	16.95	178	155460	1.674	ng/ul	99
77) Fluoranthene	18.89	202	1221185	10.862	ng/ul	99
80) Pyrene	19.25	202	1053518	10.370	ng/ul	99
83) Benzo(a)anthracene	21.01	228	569025	5.504	ng/ul	98
85) Chrysene	21.06	228	538786	5.294	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	729281	6.771	ng/ul	98
89) Benzo(k)fluoranthene	22.55	252	184765m >	1.782	ng/ul >	JU 2/12/20
91) Benzo(a)pyrene	23.04	252	431509	4.469	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.19	276	275527	2.292	ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	251069	2.511	ng/ul	99

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