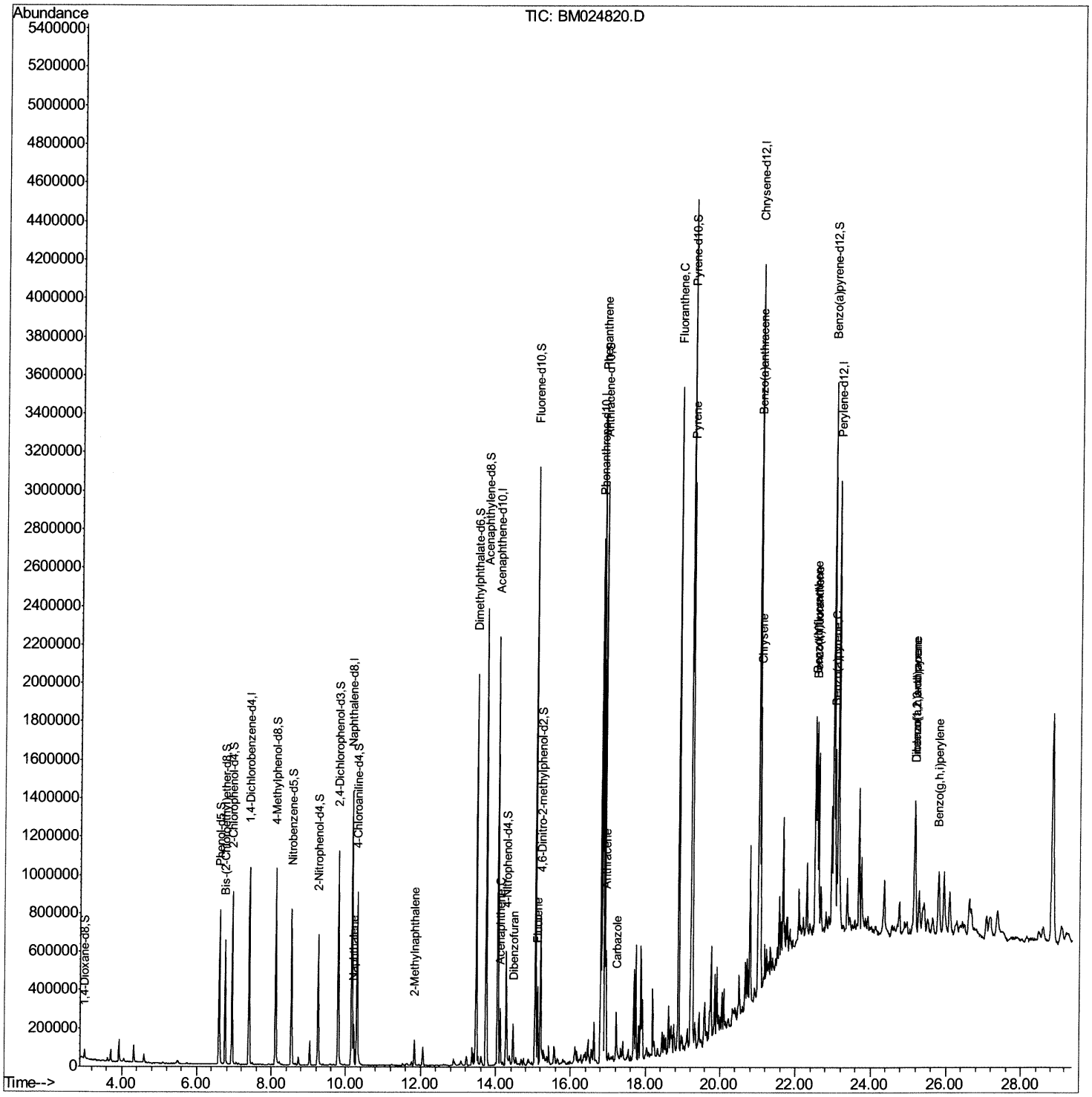
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024820.D
Acq On : 10 Feb 2020 22:17
Operator : CG/JU
Sample : L1402-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 04:35:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6M1

Manual Integrations APPROVED
mohammad
2/12/2020 9:50:34 AM



Quantitation Report (Qedit)

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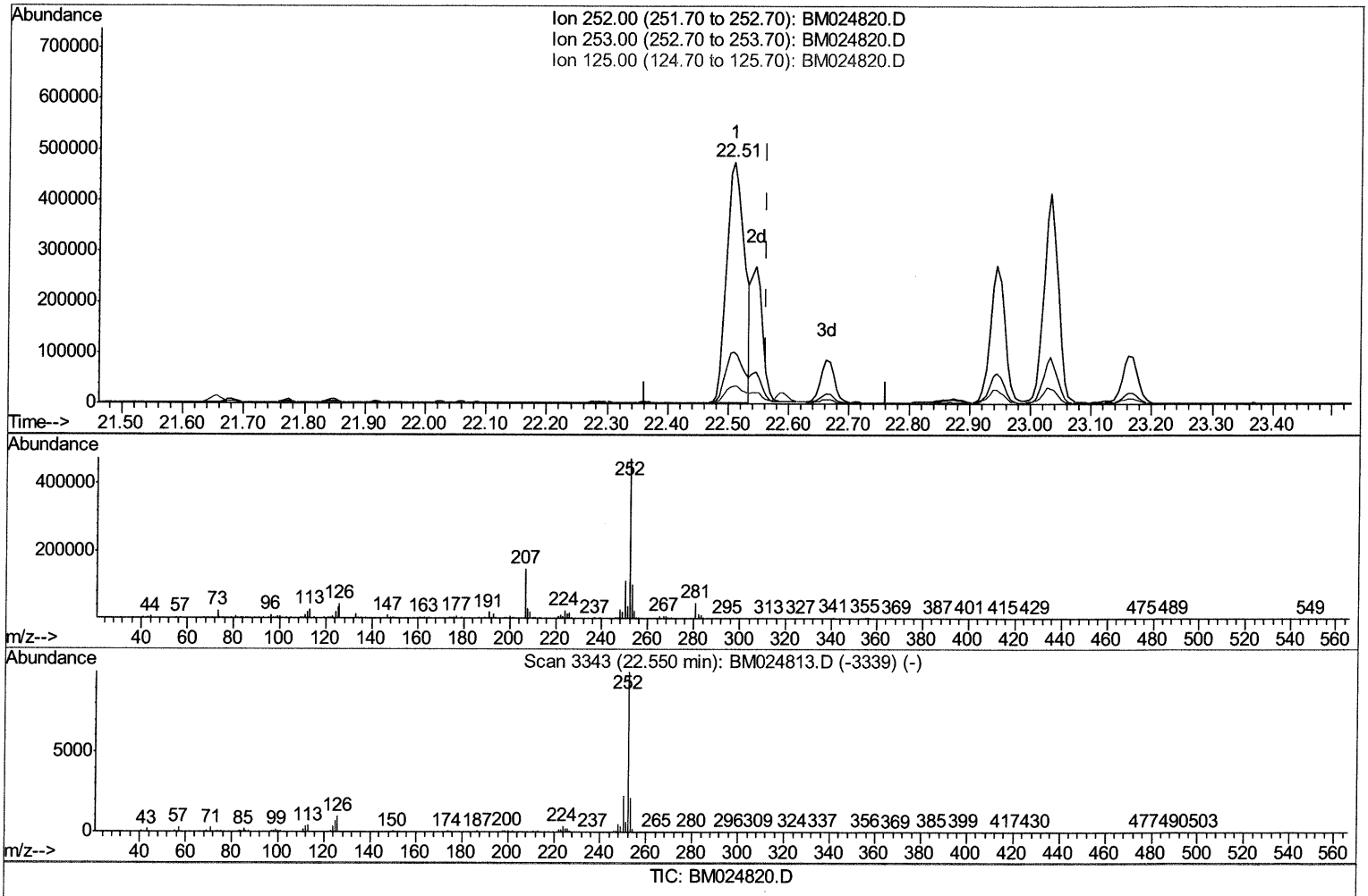

TIC: BM024820.D

(89) Benzo(k)fluoranthene

22.509min (-0.053) 9.92ng/ul

response 976810

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.22
125.00	6.40	7.27
0.00	0.00	0.00

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mohammad
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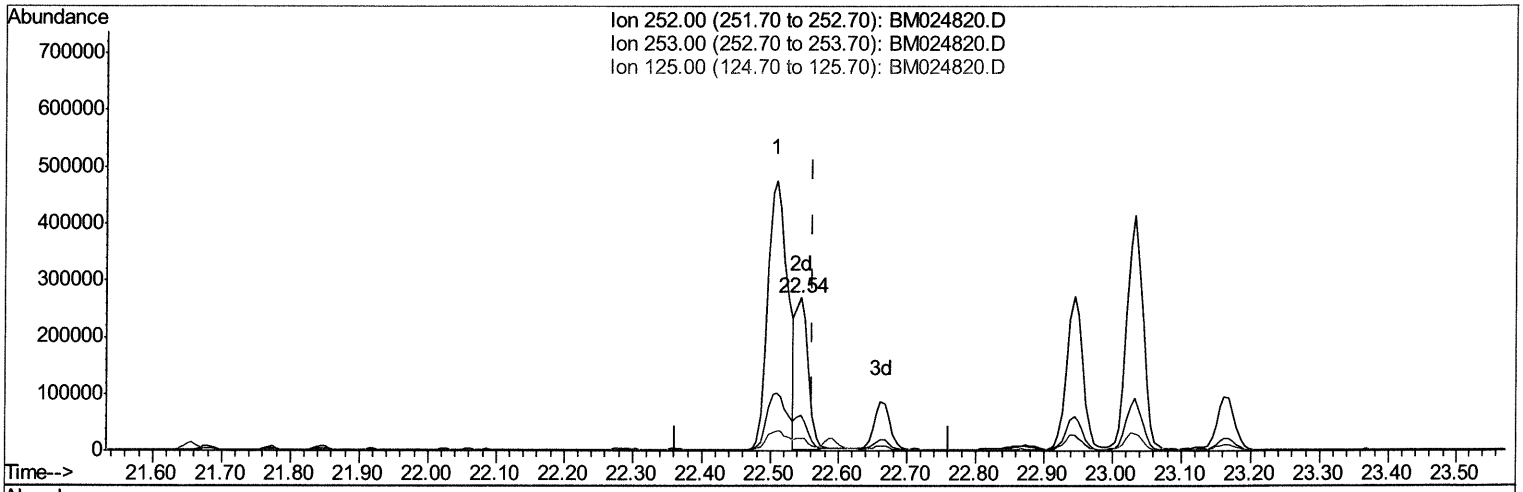

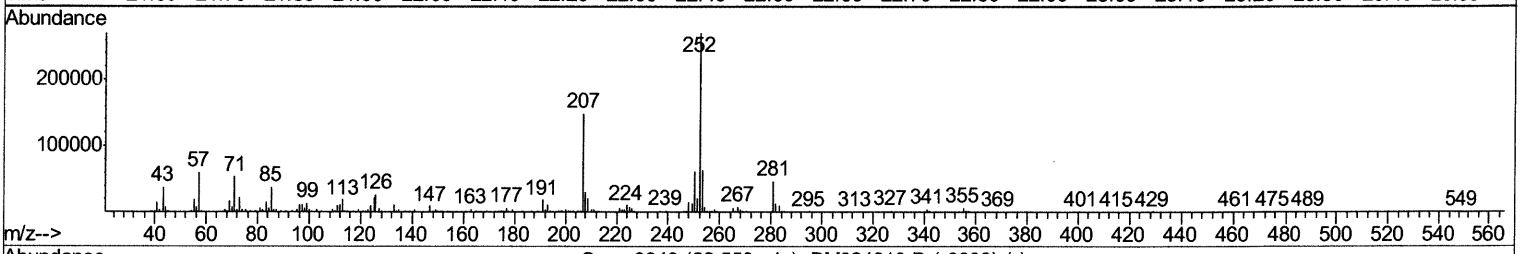

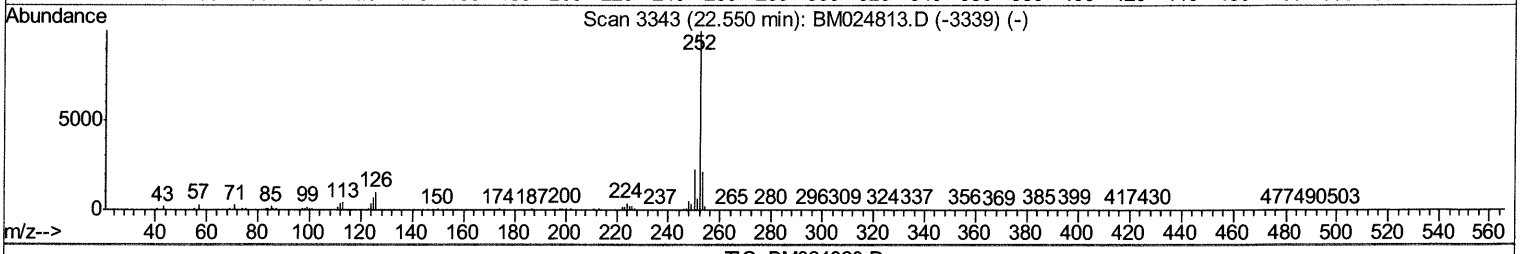

TIC: BM024820.D

(89) Benzo(k)fluoranthene

22.544min (-0.018) 3.49ng/ul m JU 02/13/20

response 343054

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.58
125.00	6.40	8.02#
0.00	0.00	0.00

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ClientSampleId : CB6M1

Manual Integrations APPROVED
mohammad
2/12/2020 9:50:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	299361	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1202877	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	779079	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1652792	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1569130	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1608117	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	24703	3.97	ng/uL	0.00
5) Phenol-d5	6.60	99	450459	22.65	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	278947	24.84	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	422442	23.71	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	382799	22.81	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	210492	24.20	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	241147	23.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	447649	21.59	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	517987	26.71	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	1410823	23.99	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1656125	24.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	181747	19.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	1213779	23.31	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	198695	18.44	ng/ul	0.00
71) Anthracene-d10	16.91	188	1761551	23.35	ng/ul	0.00
79) Pyrene-d10	19.22	212	2031071	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2058843	25.49	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.21	128	180902	2.943	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	68541	1.514	ng/ul	99
50) Acenaphthene	14.12	153	123882	2.579	ng/ul	95
54) Dibenzofuran	14.46	168	130003	1.815	ng/ul	98
59) Fluorene	15.12	166	168577	2.856	ng/ul	97
70) Phenanthrene	16.85	178	2011579	22.322	ng/ul	99
72) Anthracene	16.94	178	387530	4.240	ng/ul	99
75) Carbazole	17.22	167	154443	2.028	ng/ul	99
77) Fluoranthene	18.88	202	2095368	18.940	ng/ul	99
80) Pyrene	19.24	202	1817097	17.495	ng/ul	99
83) Benzo(a)anthracene	21.00	228	903073	8.544	ng/ul	99
85) Chrysene	21.06	228	843427	8.105	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	976810	9.552	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	343054m >	3.485	ng/ul >	JU 02/13/20
91) Benzo(a)pyrene	23.03	252	673428	7.346	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	435737	3.818	ng/ul	100
93) Dibenzo(a,h)anthracene	25.17	278	122302	1.258	ng/ul#	89
94) Benzo(g,h,i)perylene	25.79	276	387955	4.087	ng/ul	98

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