Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\

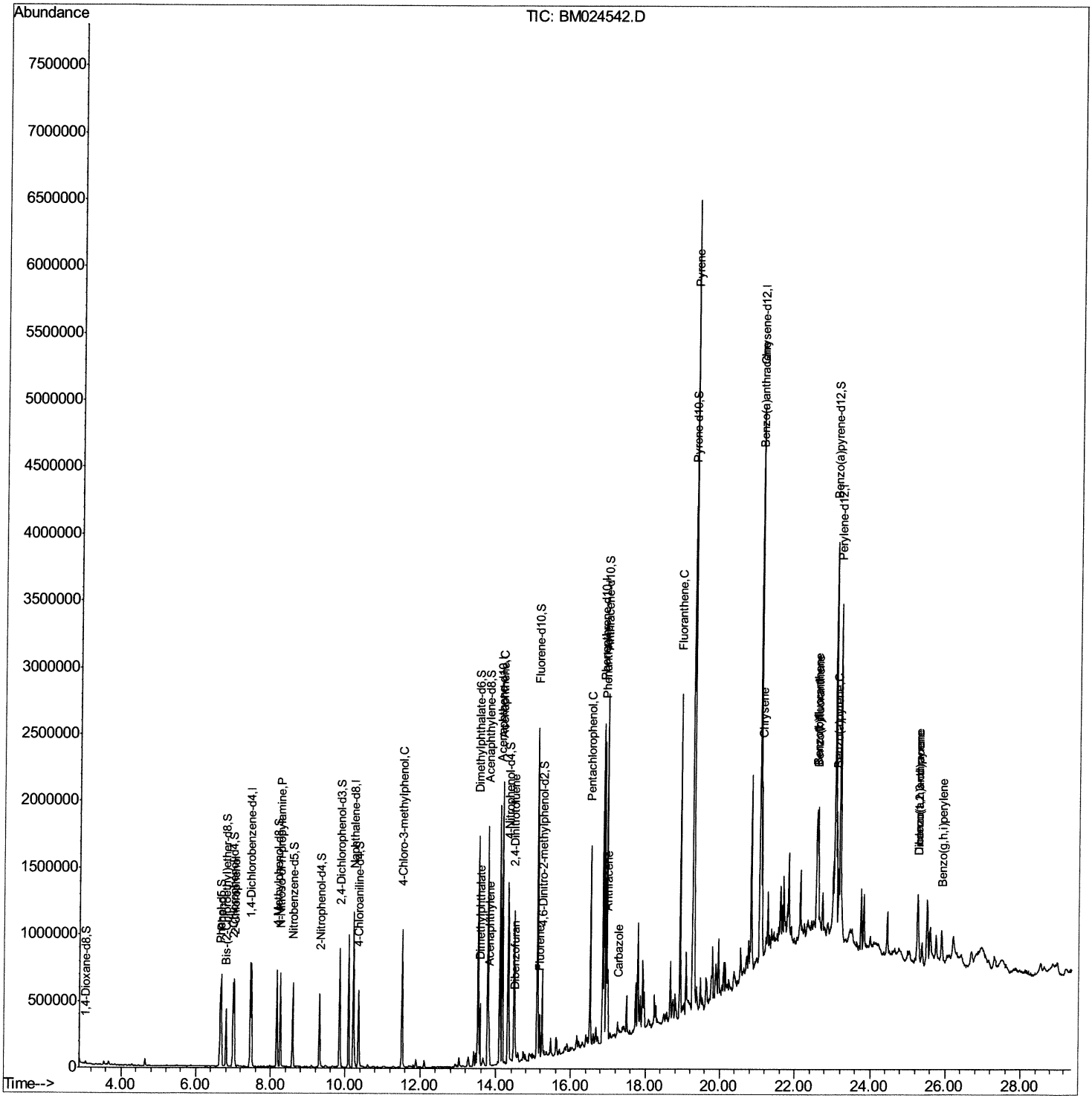
Quantitation Report (QT Reviewed)

Data File : BM024542.D
Acq On : 18 Jan 2020 18:58
Operator : JU
Sample : L1109-03MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jan 20 06:09:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GASG2MSD

Manual Integrations APPROVED
mohammad
1/21/2020 8:00:07 AM



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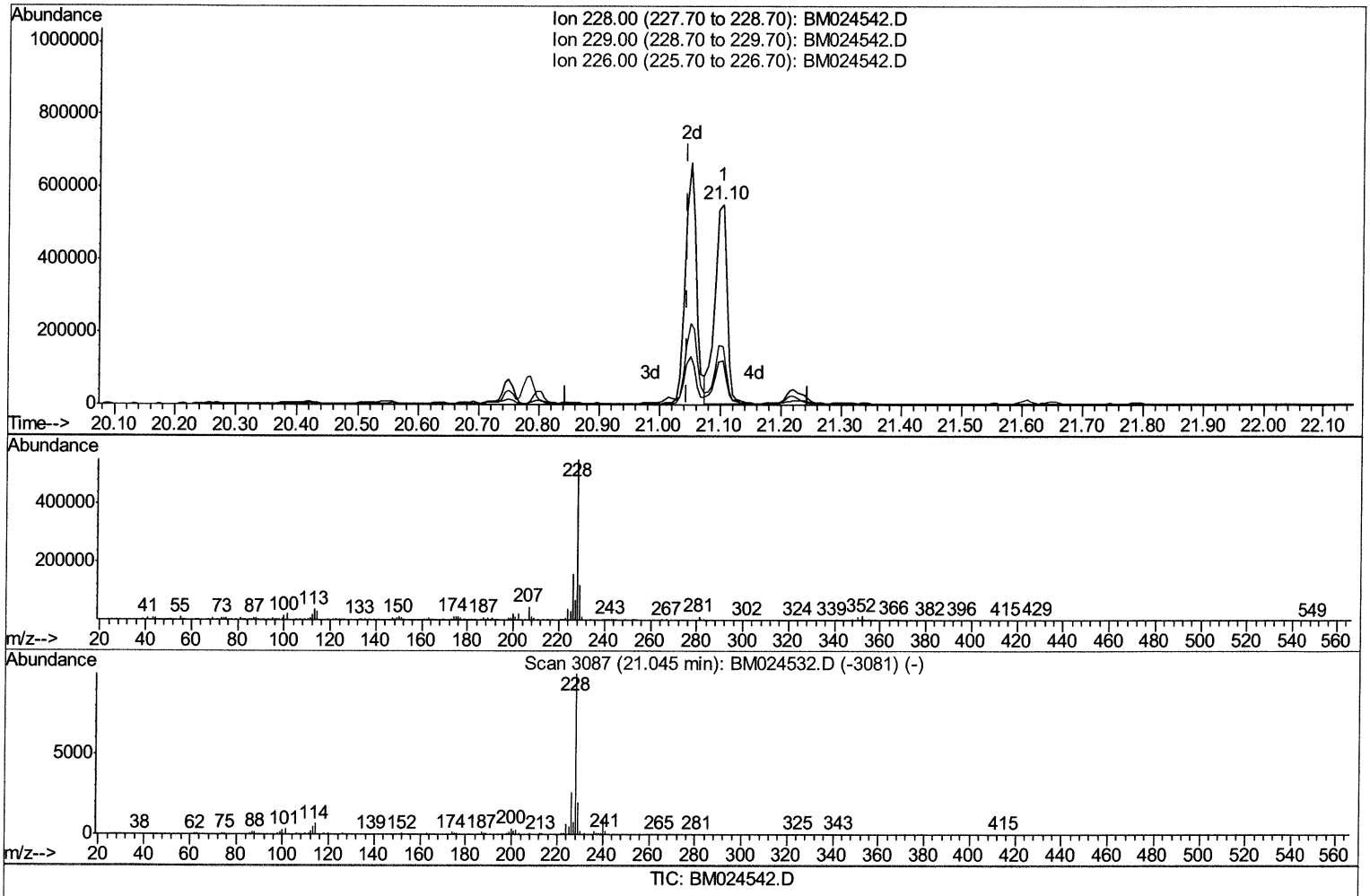

TIC: BM024542.D

(83) Benzo(a)anthracene

21.103min (+0.059) 7.13ng/ul

response 757537

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.85
226.00	26.40	28.95
0.00	0.00	0.00

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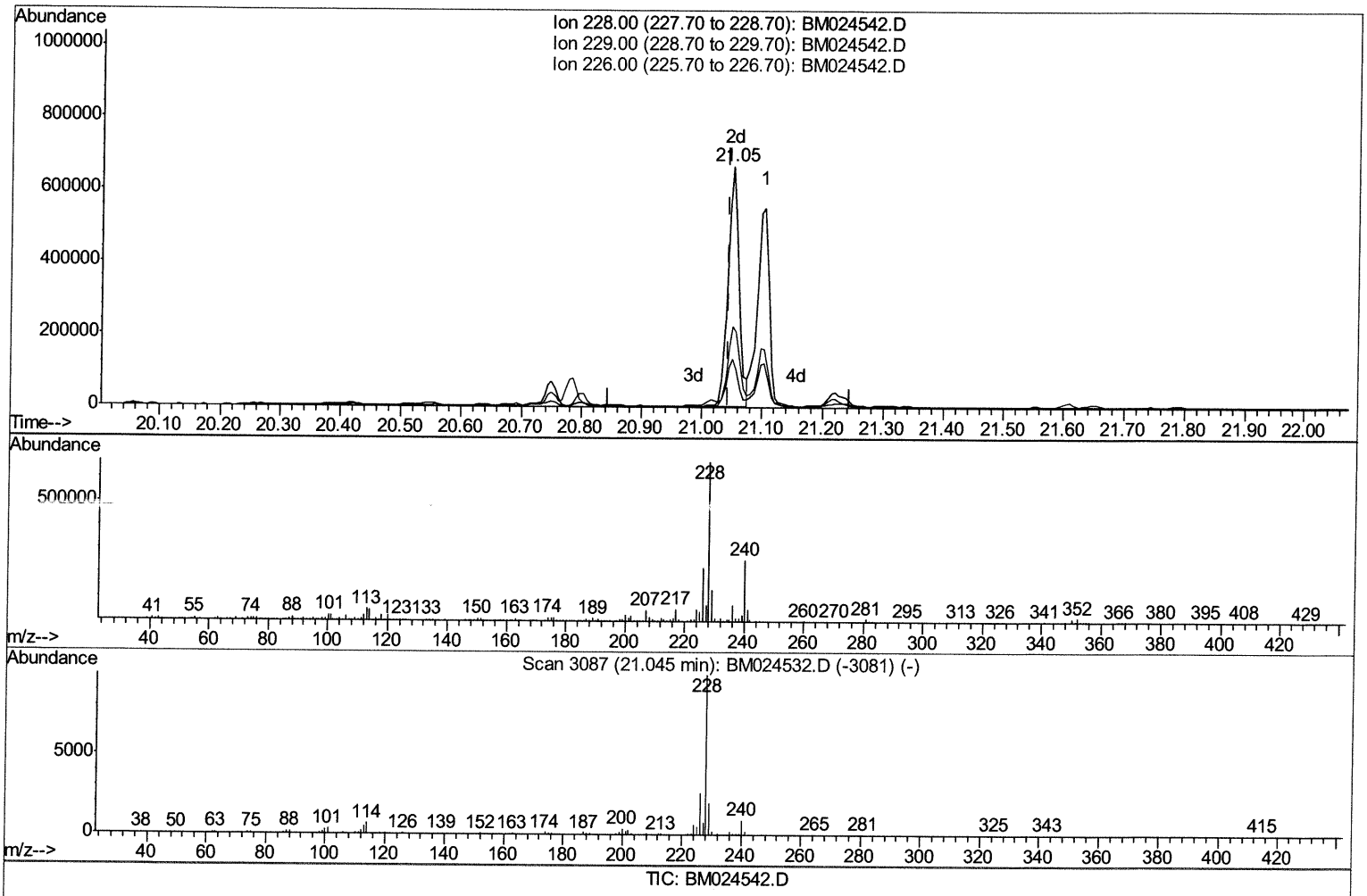

TIC: BM024542.D

(83) Benzo(a)anthracene

21.050min (+0.006) 8.04ng/ul m SJ 01/21/20

response 854722

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.11
226.00	26.40	33.61#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Misc :
ALS Vial : 46 Sample Multiplier: 1

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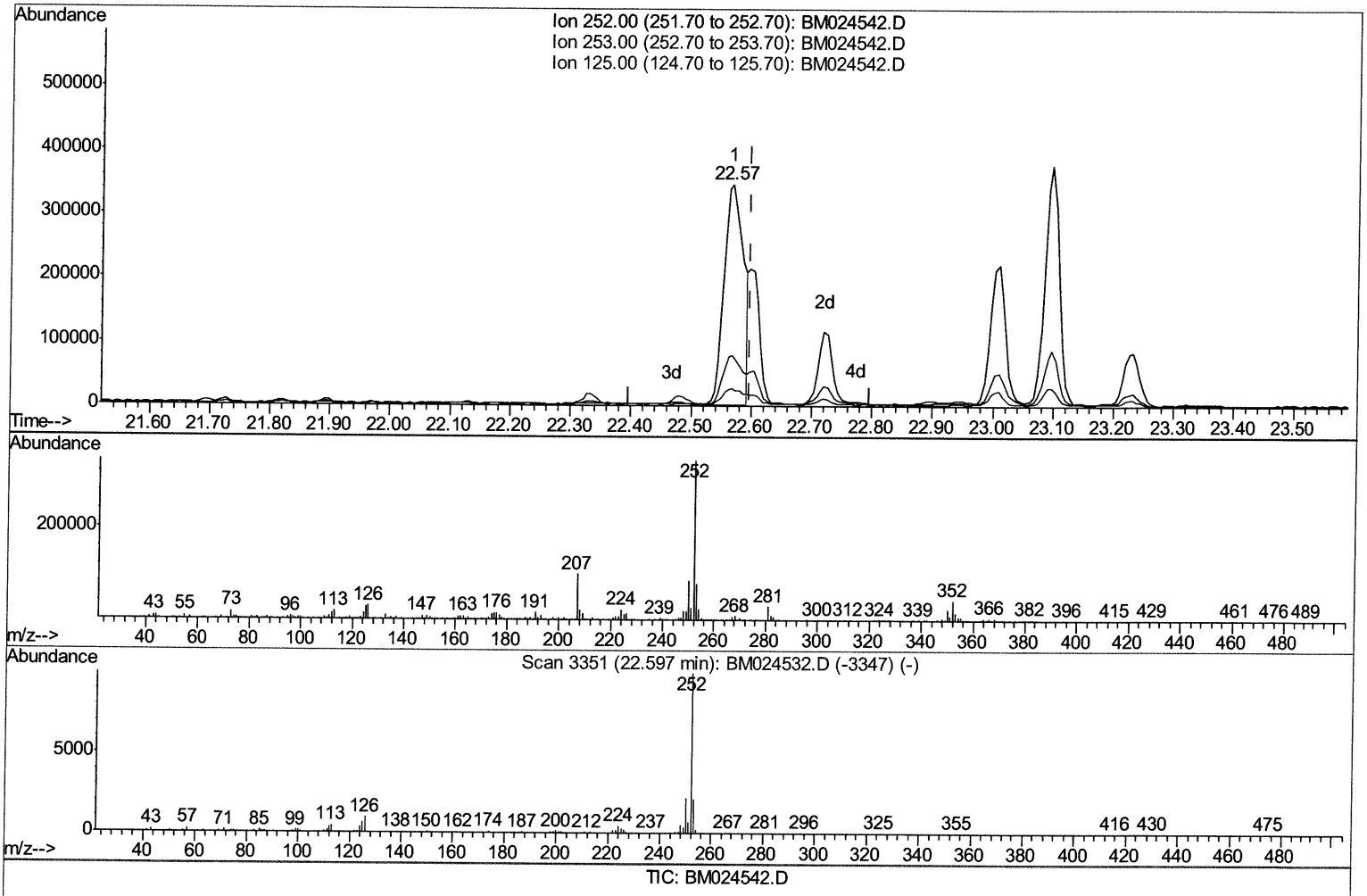
Manual Integrations APPROVED
mohammad
1/21/2020 8:00:07 AM



TIC: BM024542.D

(89) Benzo(k)fluoranthene

22.568min (-0.029) 6.85ng/ul

response 777161

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.69
125.00	6.50	8.06#
0.00	0.00	0.00

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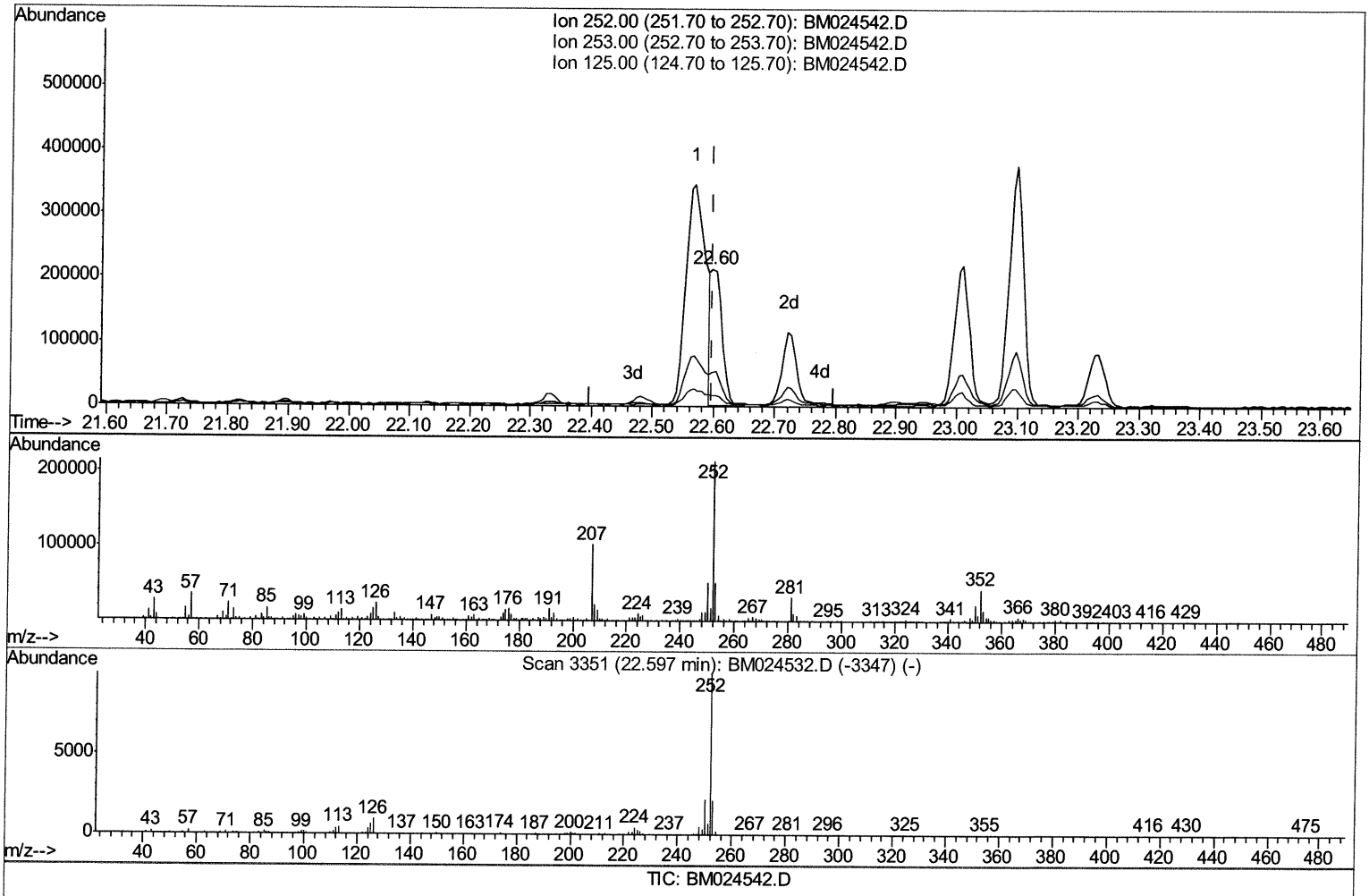

TIC: BM024542.D

(89) Benzo(k)fluoranthene

22.597min (-0.000) 2.29ng/ul m SJ 01/21/20

response 259796

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.35
125.00	6.50	7.95#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	207750	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	924979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	641735	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1416039	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1559685	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1746064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	12231	2.88	ng/uL	0.00
5) Phenol-d5	6.65	99	298285	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	173788	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	276637	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	249536	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	144443	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	169845	24.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	316082	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	310316	17.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1081893	21.52	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1257024	21.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	199614	23.79	ng/ul	0.00
58) Fluorene-d10	15.10	176	956432	21.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	147602	18.26	ng/ul	0.00
71) Anthracene-d10	16.96	188	1506884	22.88	ng/ul	0.00
79) Pyrene-d10	19.26	212	1849094	22.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2100815	23.20	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.67	94	329948	21.086	ng/ul	93
10) 2-Chlorophenol	7.03	128	273246	20.760	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	217202	20.613	ng/ul	94
33) 4-Chloro-3-methylphenol	11.52	107	334768	20.955	ng/ul	99
45) Dimethylphthalate	13.57	163	285850	5.592	ng/ul	98
48) Acenaphthylene	13.82	152	212335	3.592	ng/ul	99
50) Acenaphthene	14.17	153	825804	20.640	ng/ul	100
53) 4-Nitrophenol	14.33	109	183340	23.494	ng/ul	95
54) Dibenzofuran	14.50	168	109661	1.871	ng/ul	92
55) 2,4-Dinitrotoluene	14.48	165	337492	23.468	ng/ul#	96
59) Fluorene	15.16	166	121660	2.455	ng/ul	97
69) Pentachlorophenol	16.52	266	244503	21.302	ng/ul	99
70) Phenanthrene	16.90	178	1333680	17.464	ng/ul	100
72) Anthracene	16.99	178	387767	4.979	ng/ul	98
75) Carbazole	17.26	167	65923	1.006	ng/ul	98
77) Fluoranthene	18.92	202	1460513	15.648	ng/ul	99
80) Pyrene	19.29	202	3683098	34.495	ng/ul	99
83) Benzo(a)anthracene	21.05	228	854722m >	8.045	ng/ul >	55 01/21/20
85) Chrysene	21.10	228	759370	7.417	ng/ul	98
88) Benzo(b)fluoranthene	22.57	252	777161	6.734	ng/ul#	98
89) Benzo(k)fluoranthene	22.60	252	259796m >	2.291	ng/ul >	55 01/21/20
91) Benzo(a)pyrene	23.10	252	618257	6.165	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.26	276	332859	3.172	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.27	278	103693	1.164	ng/ul#	90
94) Benzo(g,h,i)perylene	25.89	276	275917	3.308	ng/ul	99

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