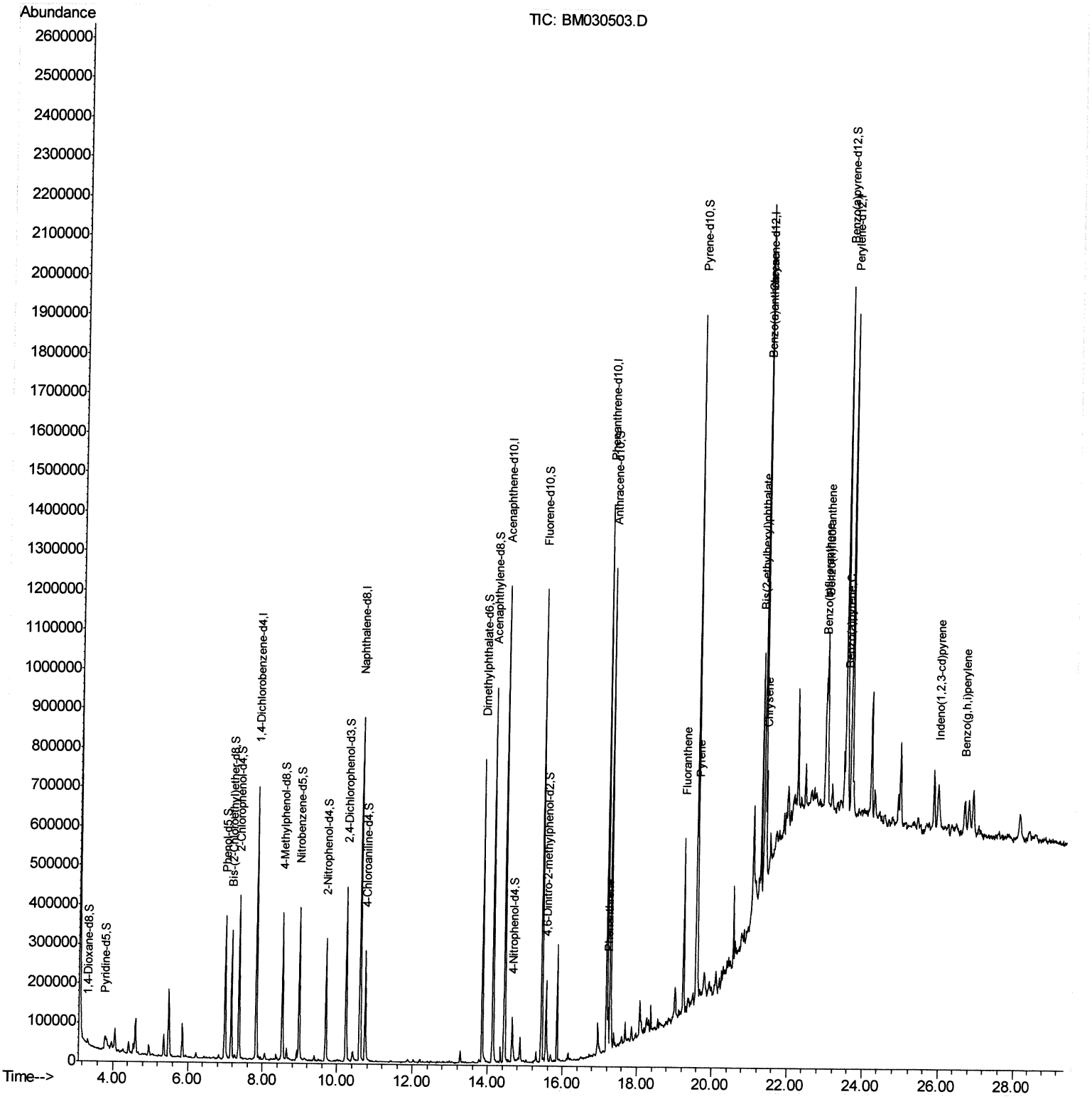
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
Data File : BM030503.D
Acq On : 21 Jun 2021 13:42
Operator : CG/JU
Sample : M2649-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 21 14:13:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 21 10:48:13 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG5J3

Manual Integrations APPROVED
mohammad
6/22/2021 8:16:16 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
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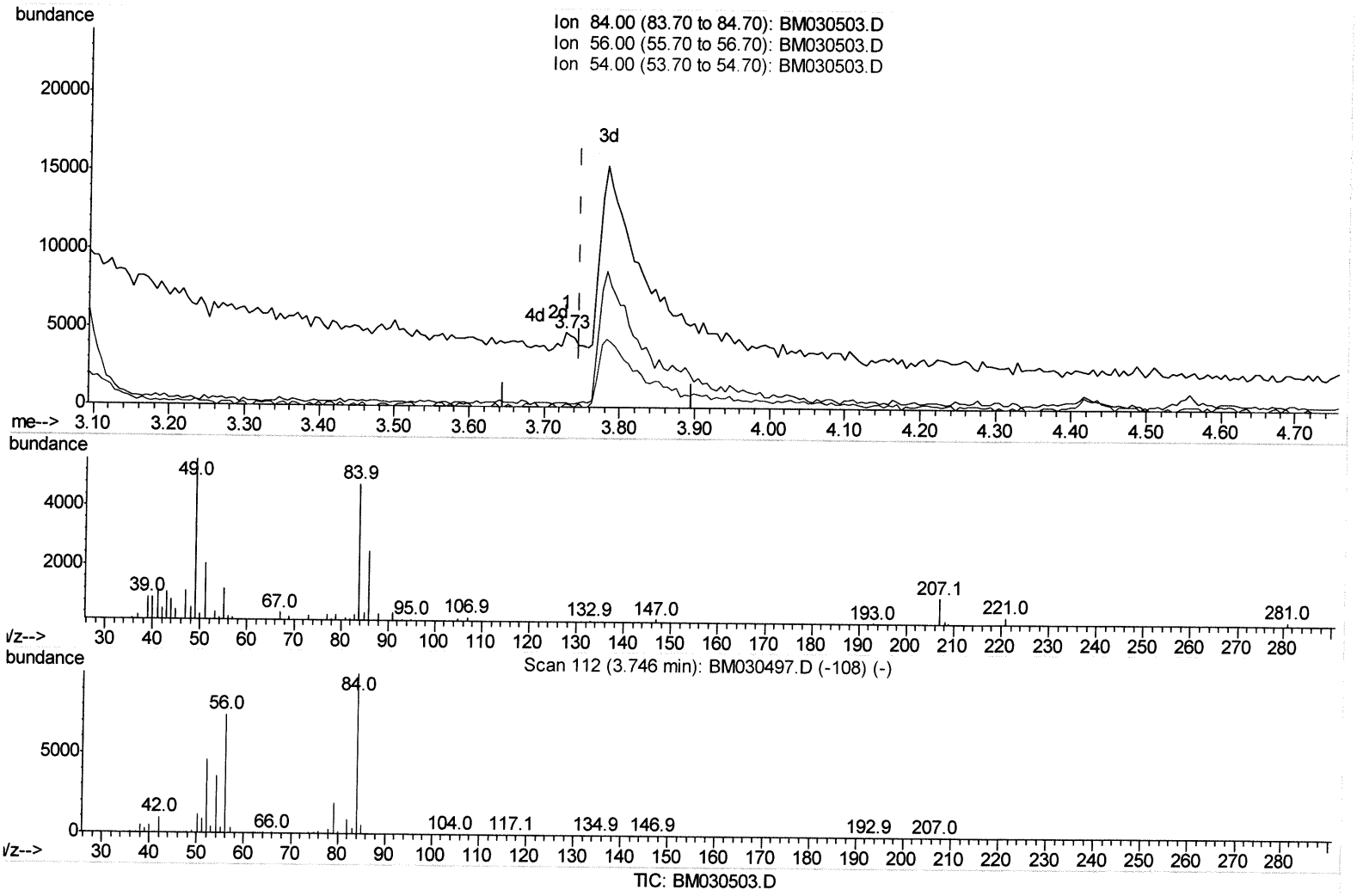

(4) Pyridine-d5 (S)

3.728min (-0.017) 0.07ng/ul

response 906

Ion	Exp%	Act%
84.00	100	100
56.00	73.50	5.83#
54.00	34.70	5.03#
0.00	0.00	0.00

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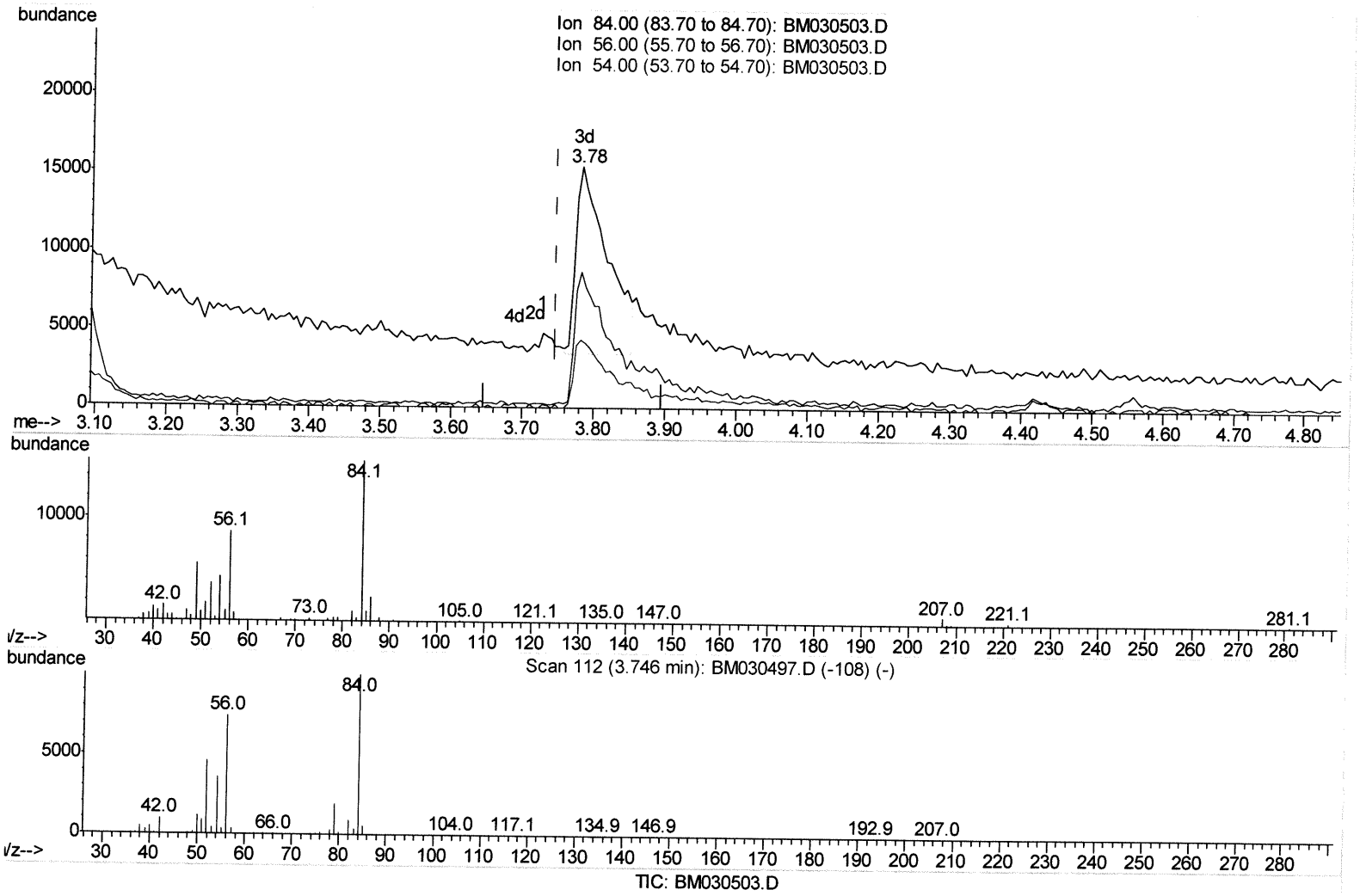
Manual Integrations APPROVED
mohammad
6/22/2021 8:16:16 AM



(4) Pyridine-d5 (S)

3.781min (+0.036) 2.76ng/ul m JU 6/28/21

response 36724

Ion	Exp%	Act%
84.00	100	100
56.00	73.50	56.21#
54.00	34.70	28.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
Data File : BM030503.D
Acq On : 21 Jun 2021 13:42
Operator : CG/JU
Sample : M2649-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 21 14:12:13 2021
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BNA_M
ClientSampleId :
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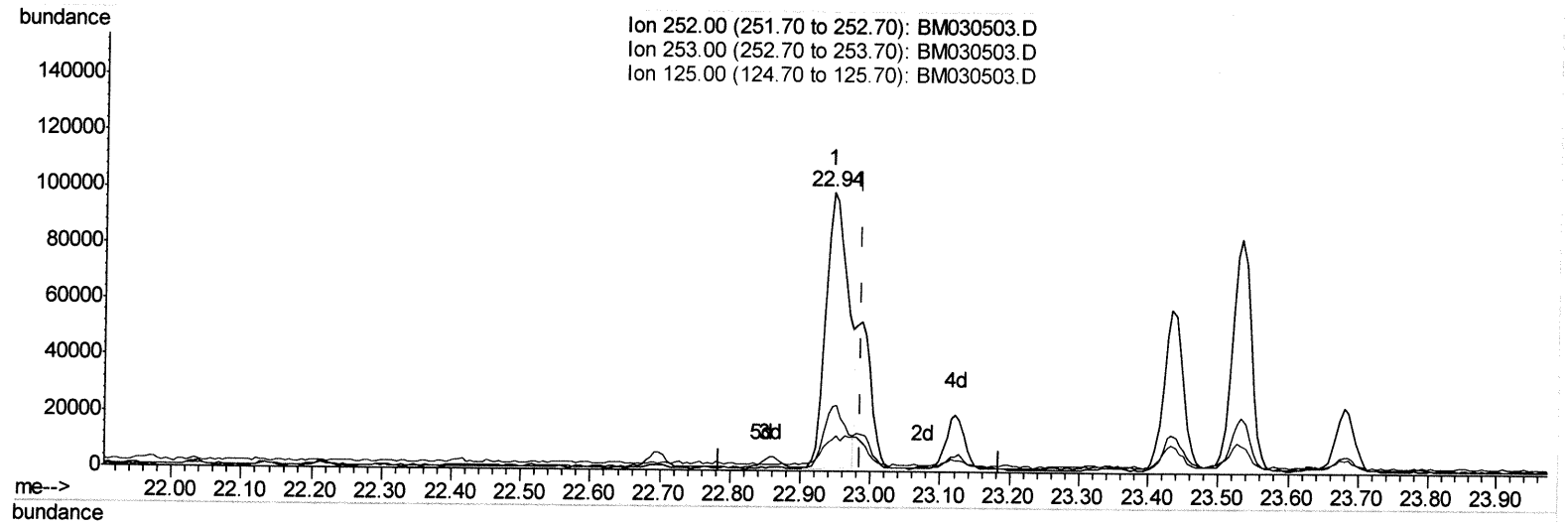
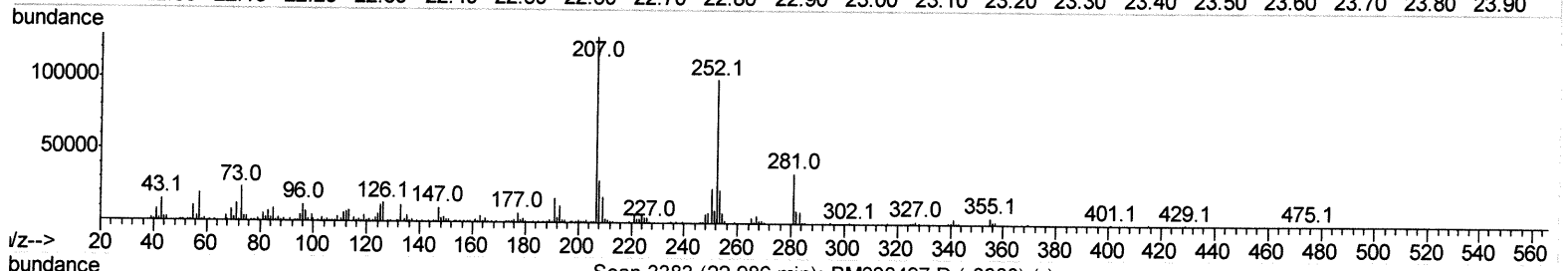
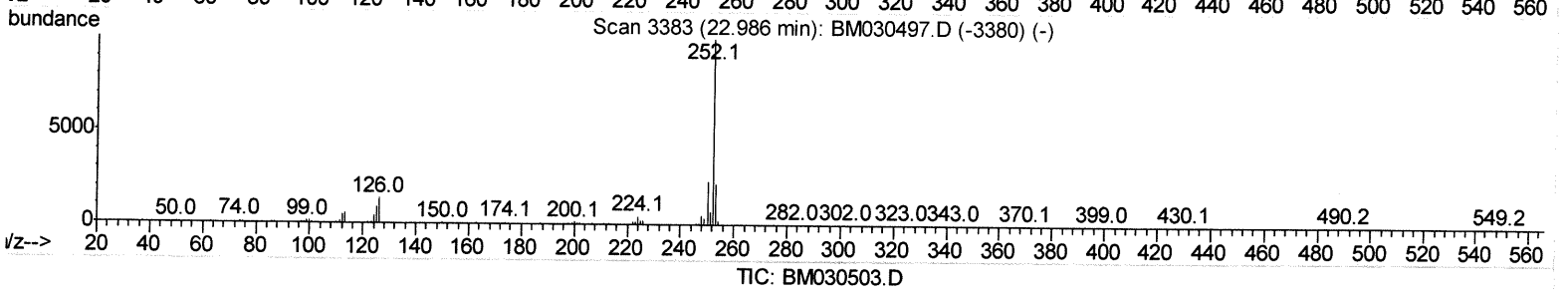
Manual Integrations APPROVED
mohammad
6/22/2021 8:16:16 AM







TIC: BM030503.D

(91) Benzo(k)fluoranthene

22.945min (-0.041) 4.14ng/ul

response 217959

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.04
125.00	10.50	11.57
0.00	0.00	0.00

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Operator : CG/JU
Sample : M2649-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 21 14:12:13 2021
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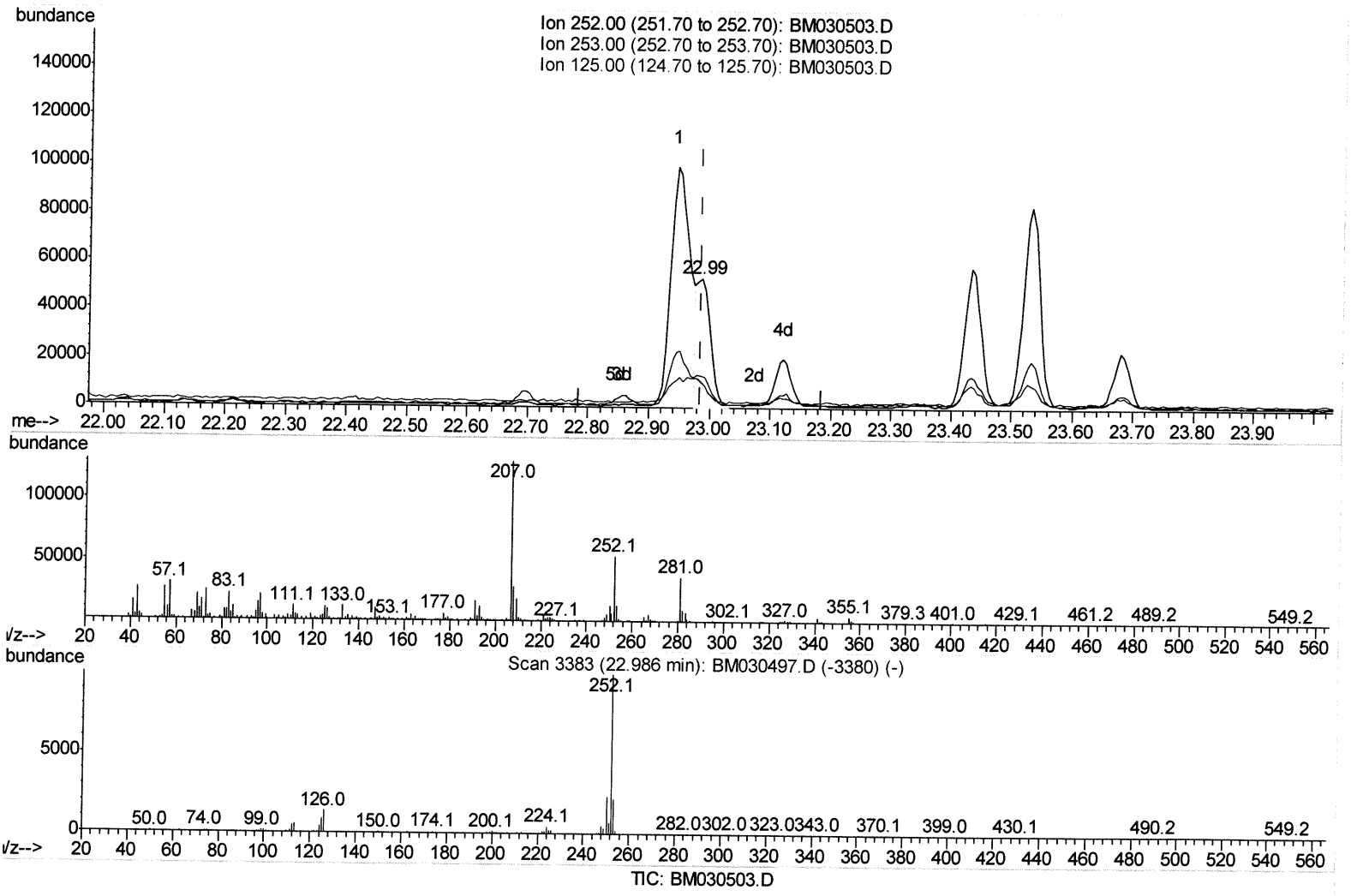
BNA_M
ClientSampleId :
BG5J3

Manual Integrations APPROVED
mohammad
6/22/2021 8:16:16 AM



(91) Benzo(k)fluoranthene

22.986min (+0.000) 1.57ng/ul m

response 82711

6/25/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.58
125.00	10.50	19.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
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Acq On : 21 Jun 2021 13:42
Operator : CG/JU
Sample : M2649-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5J3

Manual Integrations APPROVED
mohammad
6/22/2021 8:16:16 AM

Quant Time: Jun 21 14:13:54 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	193356	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	716602	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	412365	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	807886	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	804102	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	857037	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	12533	2.48	ng/uL	0.00
4) Pyridine-d5	3.78	84	36724m	2.76	ng/ul	0.04
7) Phenol-d5	6.99	99	213296	12.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	157527	14.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	195014	16.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	146916	10.95	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	93054	18.97	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	100427	20.61	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	177507	16.73	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	163936	10.11	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	525340	18.56	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	664301	18.79	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	37138	7.01	ng/ul	0.01
60) Fluorene-d10	15.44	176	467302	18.45	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	44328	9.51	ng/ul	0.00
73) Anthracene-d10	17.28	188	705147	19.19	ng/ul	0.00
81) Pyrene-d10	19.57	212	845133	20.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	896931	20.99	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.23	178	82139	1.880	ng/ul	99
80) Fluoranthene	19.24	202	257411	4.977	ng/ul	99
82) Pyrene	19.60	202	253900	4.642	ng/ul	97
85) Benzo(a)anthracene	21.34	228	156069	3.212	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	200249	7.690	ng/ul	99
87) Chrysene	21.39	228	145020	3.027	ng/ul	97
90) Benzo(b)fluoranthene	22.94	252	217959	3.956	ng/ul	99
91) Benzo(k)fluoranthene	22.99	252	82711m	1.572	ng/ul	
93) Benzo(a)pyrene	23.53	252	159134	3.305	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.94	276	120756	2.038	ng/ul#	91
96) Benzo(g,h,i)perylene	26.64	276	104409	2.144	ng/ul	97

JU 6/28/21

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