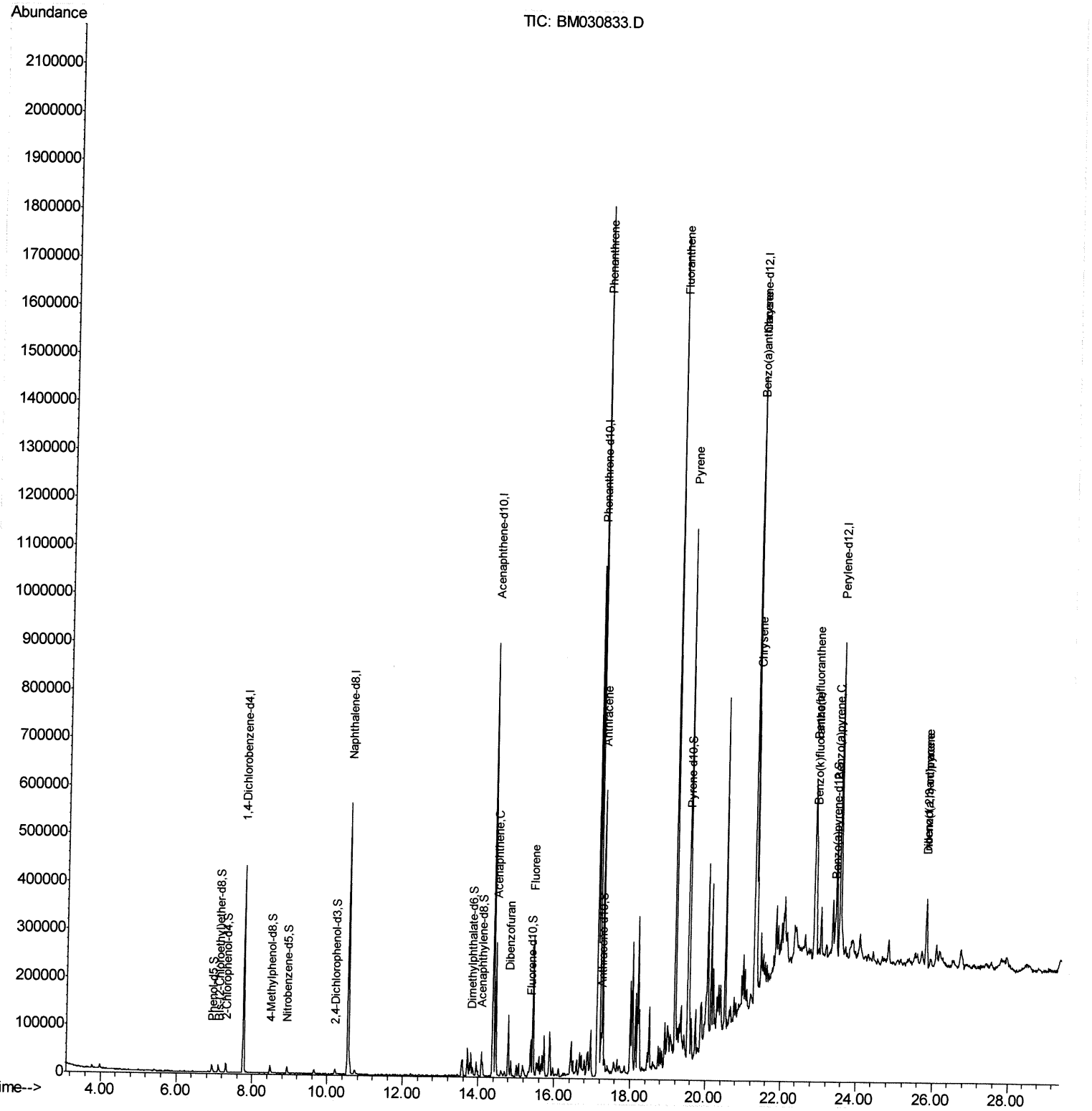
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 06:23:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM

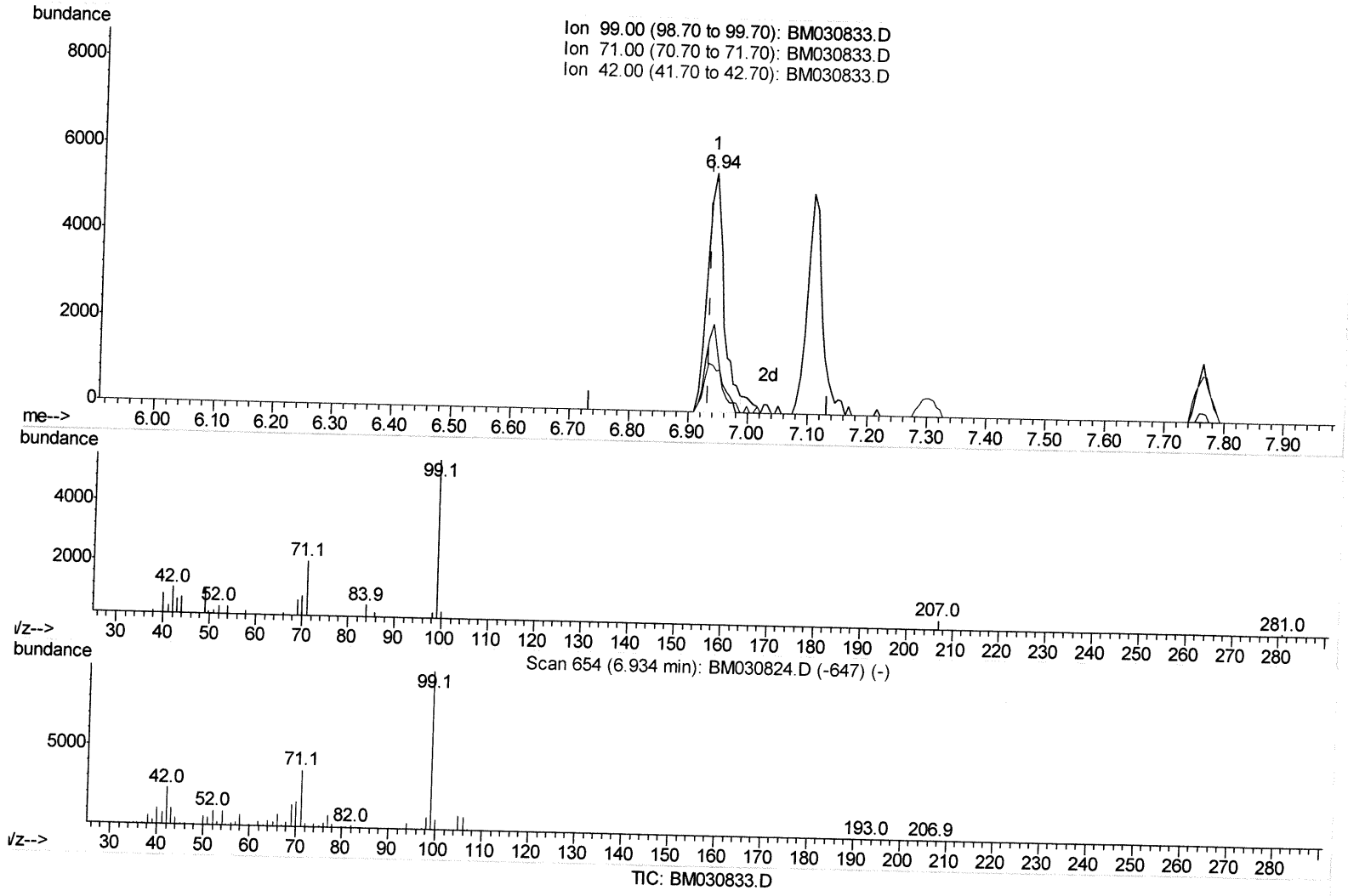


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:16:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



(7) Phenol-d5 (S)

6.939min (+0.006) 1.08ng/ul

response 10621

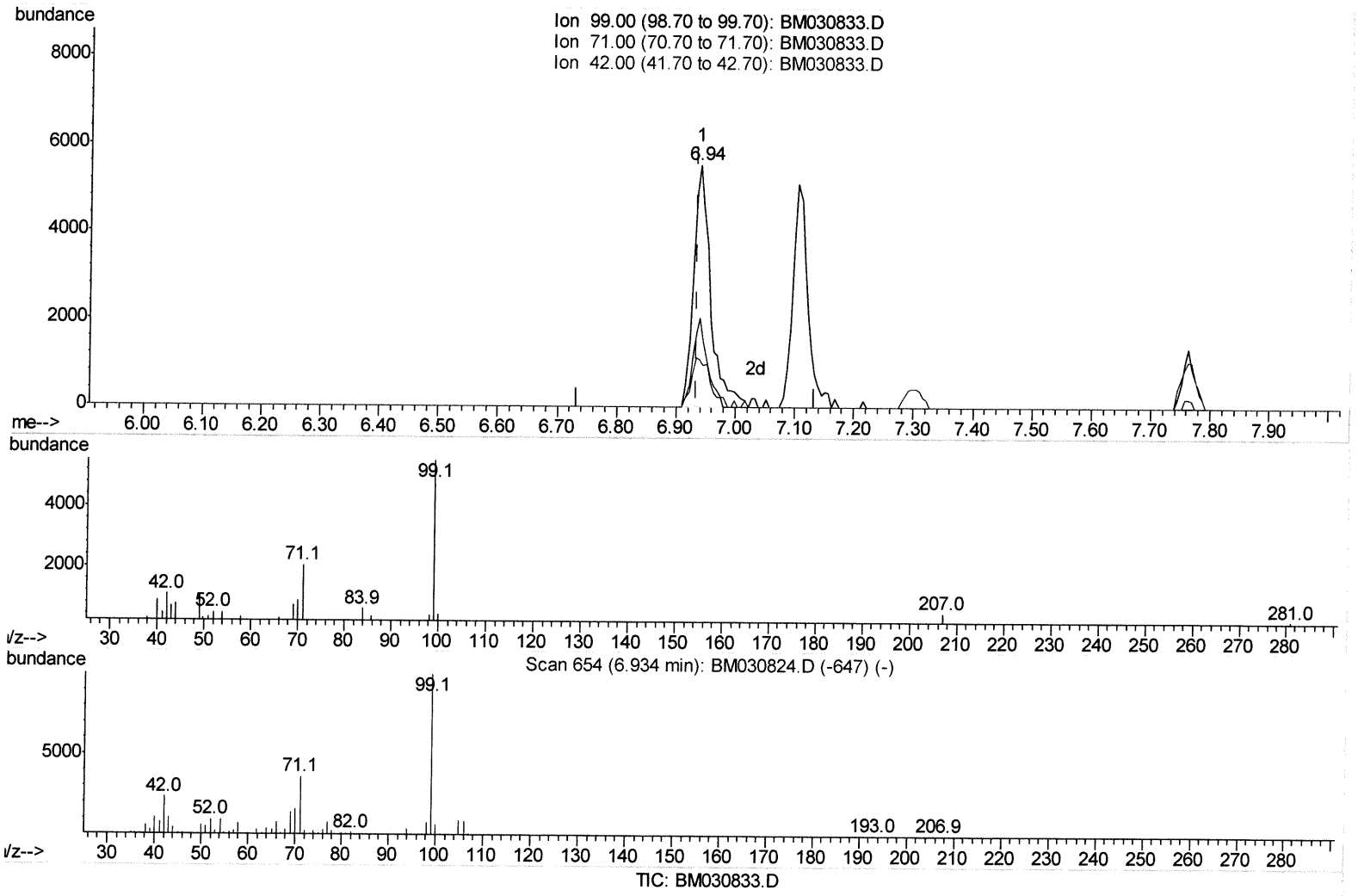
Ion	Exp%	Act%
99.00	100	100
71.00	37.70	36.74
42.00	23.60	19.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:16:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



TIC: BM030833.D

(7) Phenol-d5 (S)

6.939min (+0.006) 1.12ng/ul m

response 11095

7/8/21

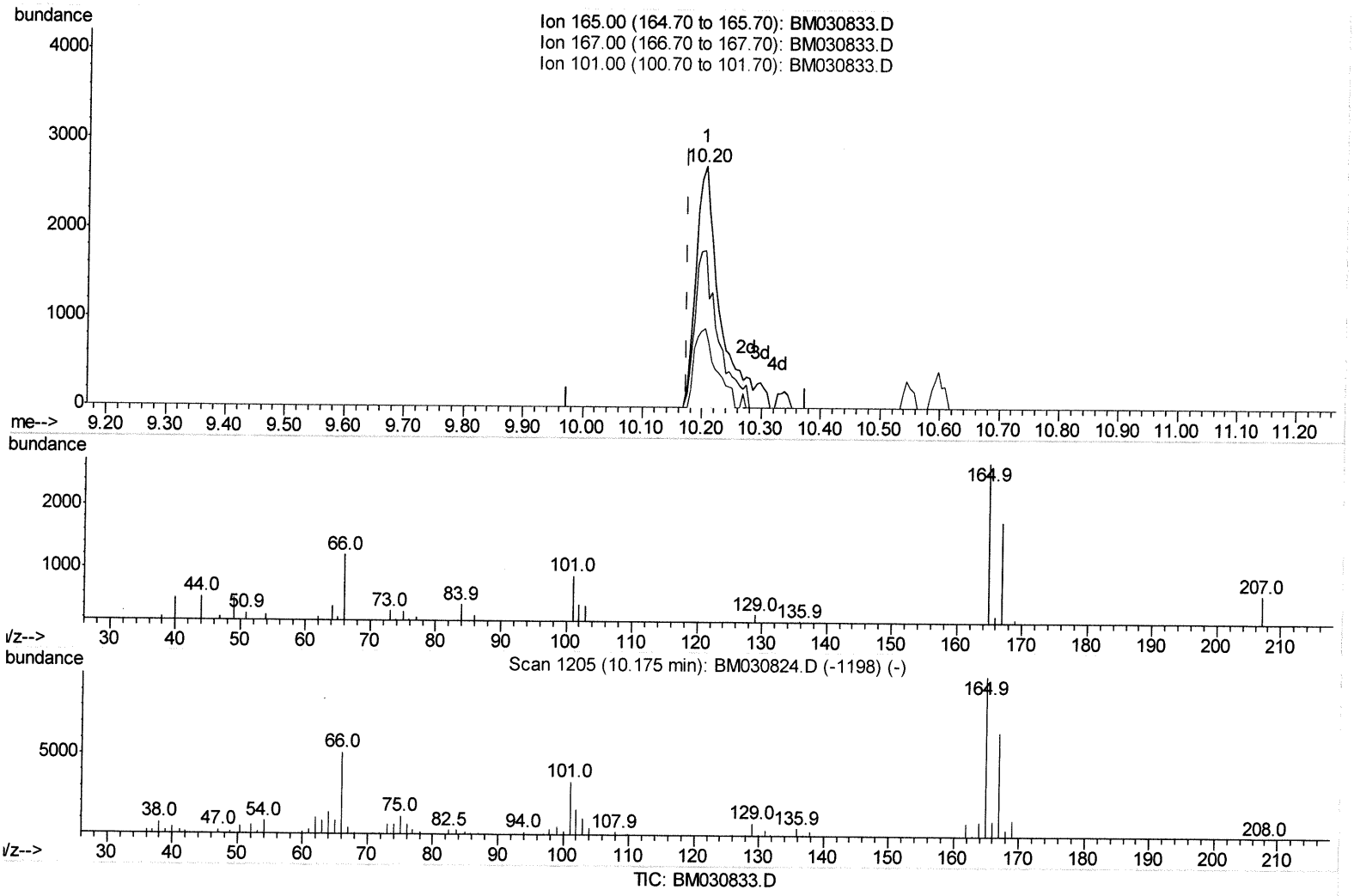
Ion	Exp%	Act%
99.00	100	100
71.00	37.70	36.74
42.00	23.60	19.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:19:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



(28) 2,4-Dichlorophenol-d3 (S)

10.204min (+0.029) 0.97ng/ul

response 7110

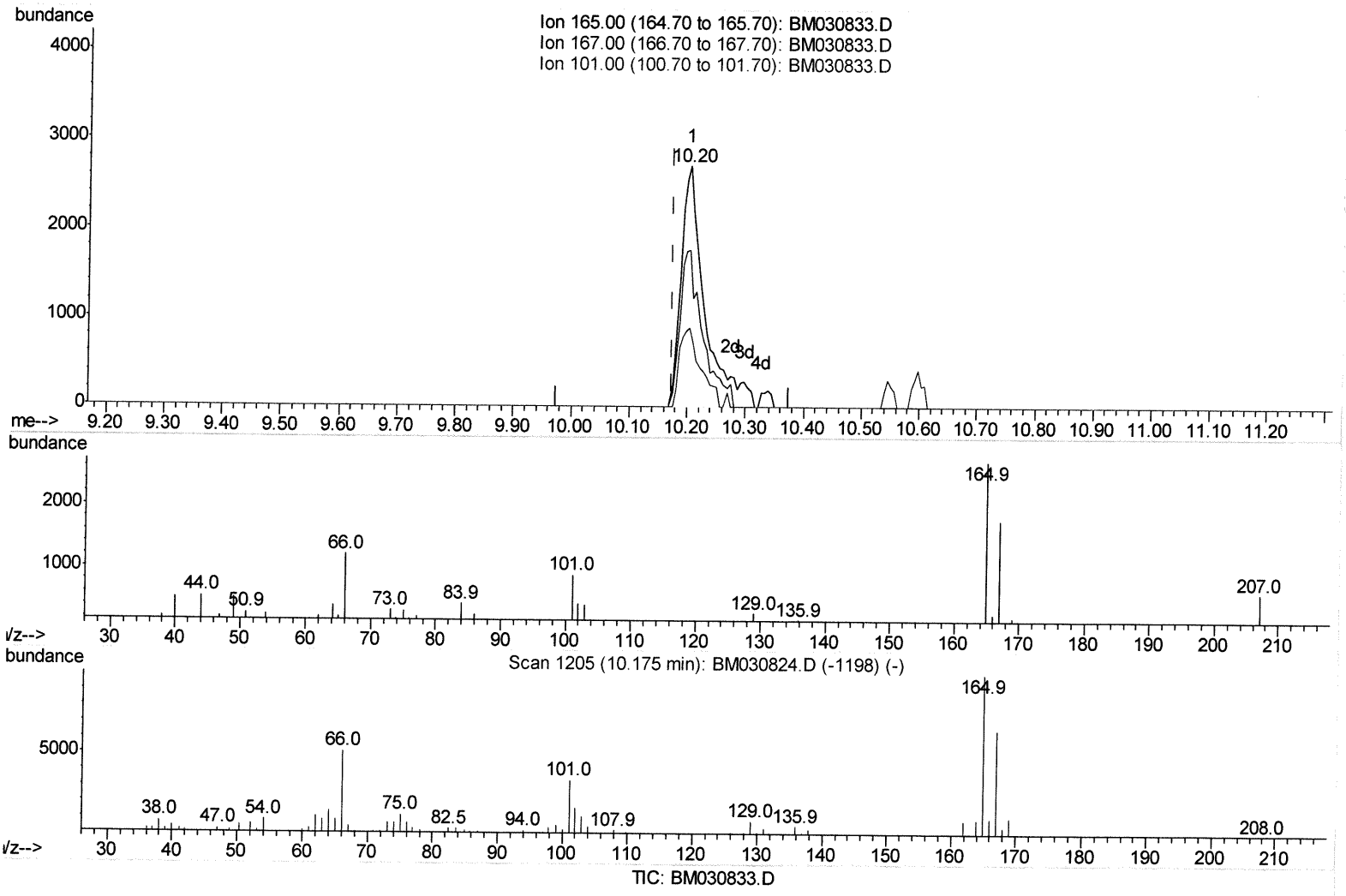
Ion	Exp%	Act%
165.00	100	100
167.00	63.40	65.04
101.00	33.60	32.63
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:19:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



(28) 2,4-Dichlorophenol-d3 (S)

10.204min (+0.029) 1.05ng/ul m 7/7/21

response 7754

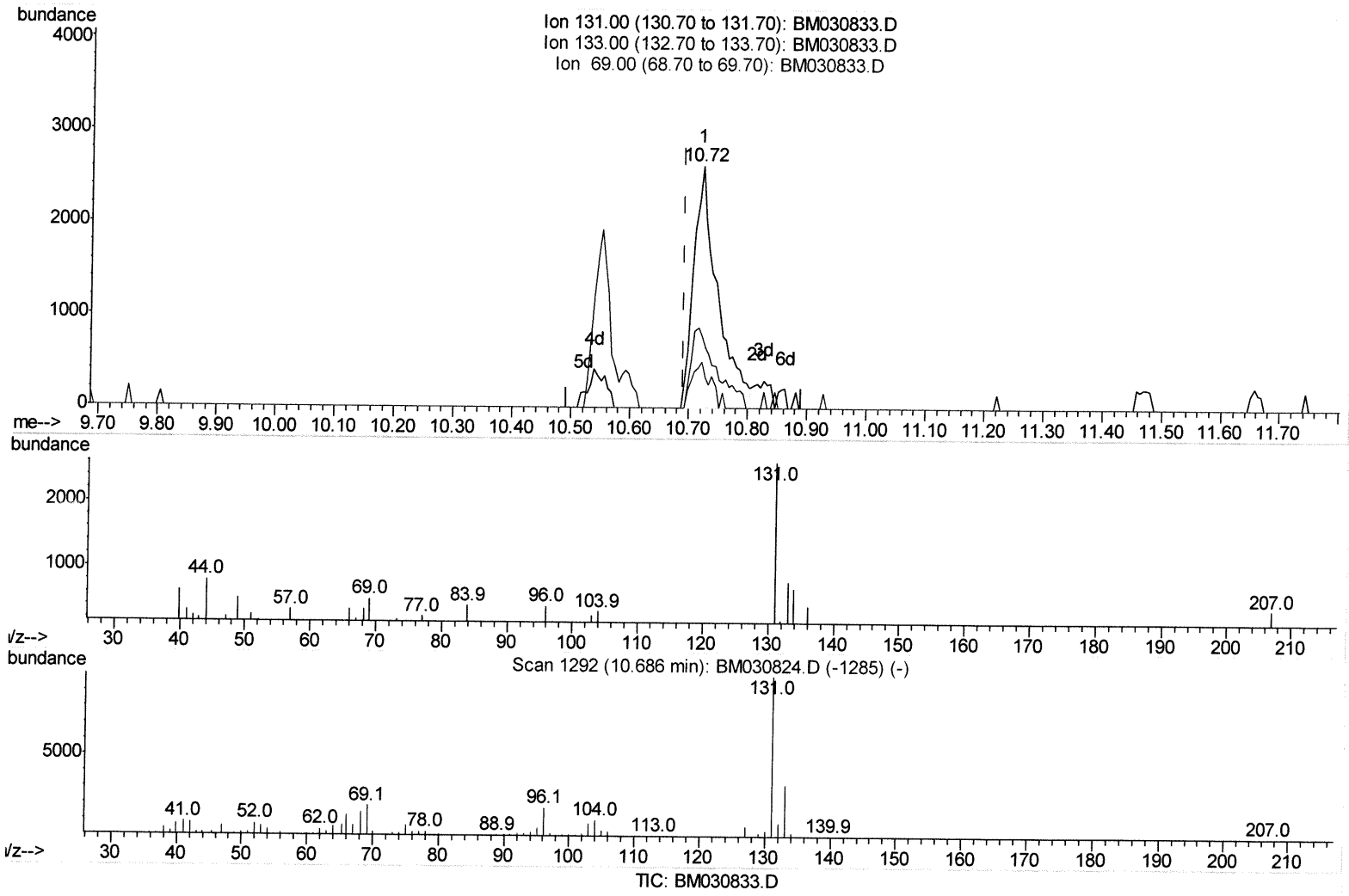
Ion	Exp%	Act%
165.00	100	100
167.00	63.40	65.04
101.00	33.60	32.63
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:19:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



TIC: BM030833.D

(31) 4-Chloroaniline-d4 (S)

10.722min (+0.029) 0.71ng/ul

response 7393

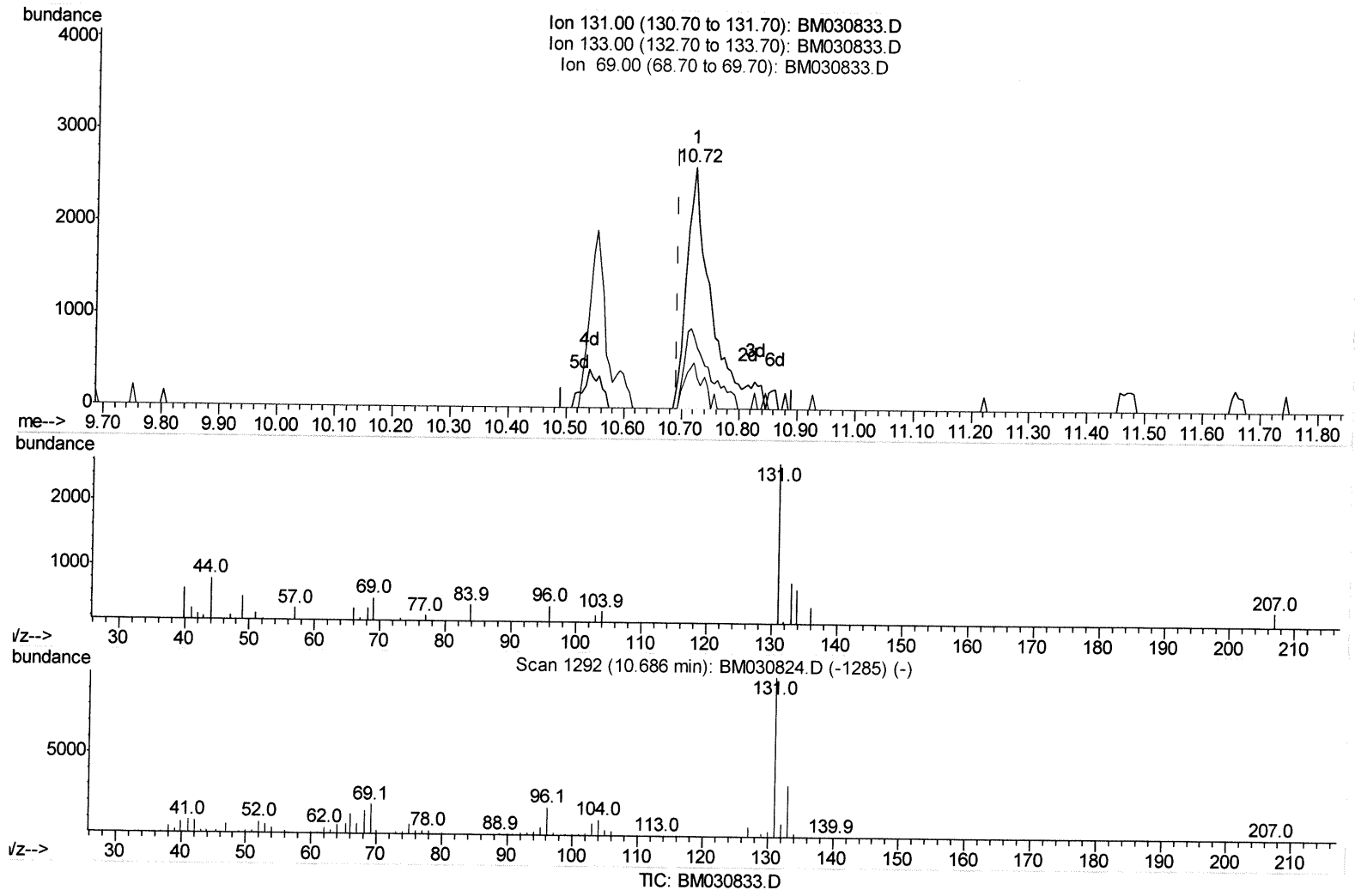
Ion	Exp%	Act%
131.00	100	100
133.00	32.00	29.44
69.00	17.30	18.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:19:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



(31) 4-Chloroaniline-d4 (S)

10.722min (+0.029) 0.76ng/ul m

response 7935

7/7/21

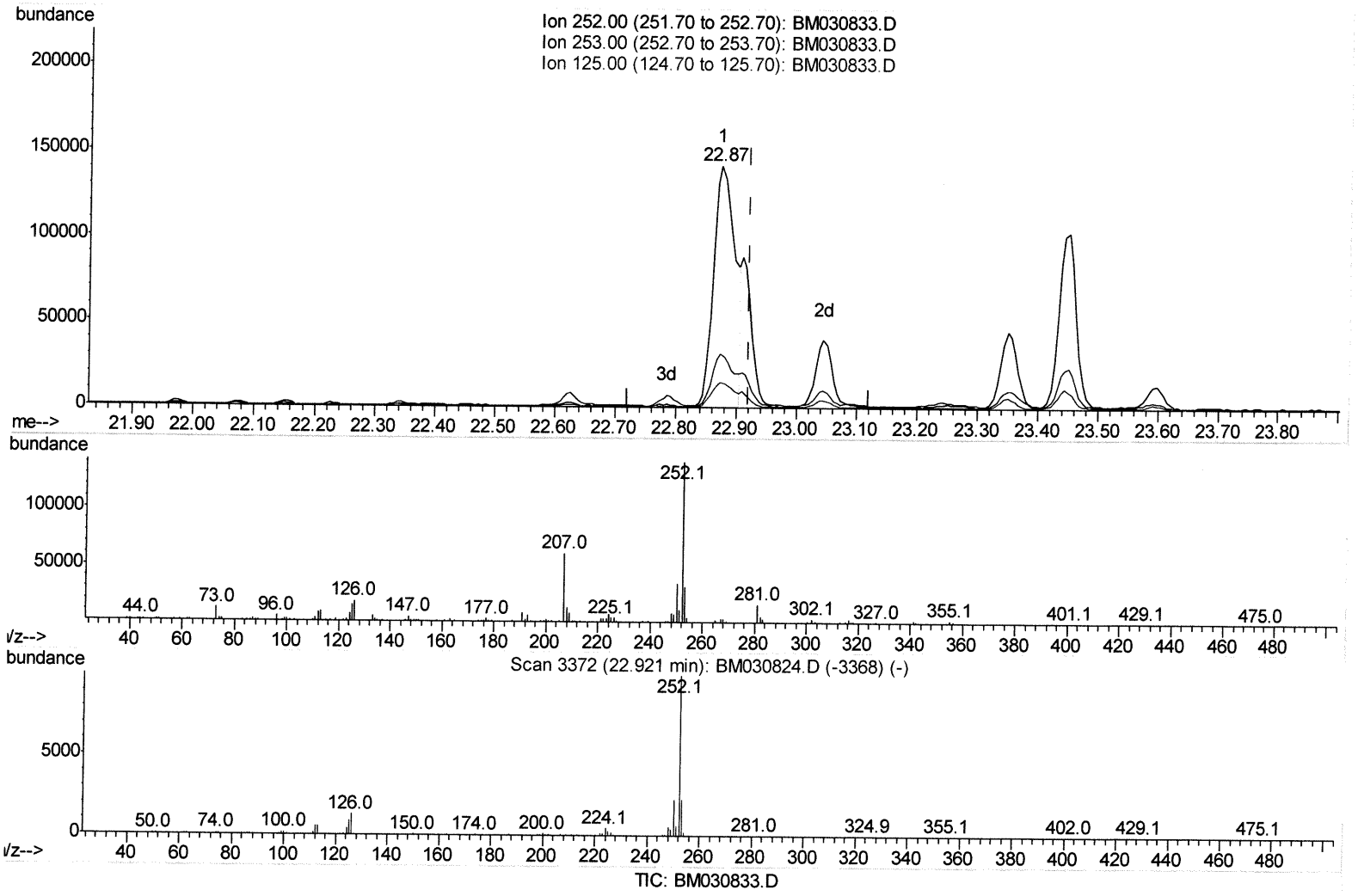
Ion	Exp%	Act%
131.00	100	100
133.00	32.00	29.44
69.00	17.30	18.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:20:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



(91) Benzo(k)fluoranthene

22.874min (-0.047) 11.84ng/ul

response 341800

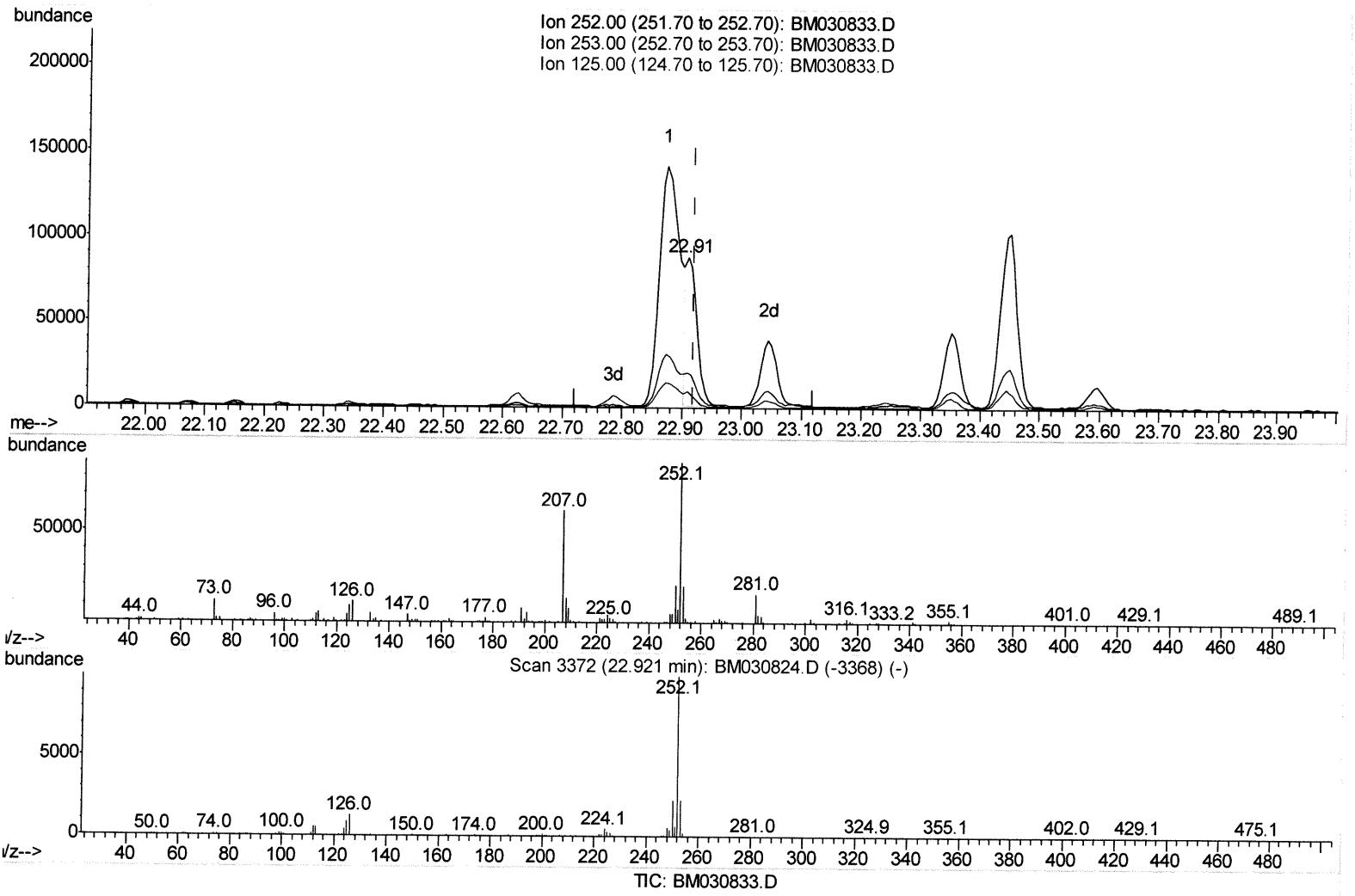
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.23
125.00	9.20	10.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 07 04:20:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM



TIC: BM030833.D

(91) Benzo(k)fluoranthene

22.909min (-0.012) 3.76ng/ul m

response 108478

7/7/21

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.99
125.00	9.20	10.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

Manual Integrations APPROVED
mohammad
7/7/2021 6:12:16 PM

Quant Time: Jul 07 06:23:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	112868	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	469575	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	307770	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	628608	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	486660	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	461014	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	748	0.26	ng/uL	0.01
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.94	99	11095m	1.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	7689	1.21	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	9452	1.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	8292	1.05	ng/ul	0.01
21) Nitrobenzene-d5	8.93	128	4070	1.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	3585	0.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.20	165	7754m	1.05	ng/ul	0.03
31) 4-Chloroaniline-d4	10.72	131	7935m	0.76	ng/ul	0.03
46) Dimethylphthalate-d6	13.81	166	32177	1.49	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	34880	1.28	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.39	176	28691	1.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	1227	0.30	ng/ul	0.01
73) Anthracene-d10	17.23	188	46546	1.59	ng/ul	0.00
81) Pyrene-d10	19.52	212	43289	1.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	28576	1.20	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.46	153	109497	5.903	ng/ul	98
56) Dibenzofuran	14.79	168	67964	2.602	ng/ul	100
61) Fluorene	15.44	166	120288	5.592	ng/ul	100
72) Phenanthrene	17.17	178	1064289	31.730	ng/ul	99
74) Anthracene	17.27	178	374778	10.875	ng/ul	99
80) Fluoranthene	19.19	202	971591	29.358	ng/ul	100
82) Pyrene	19.55	202	689540	20.103	ng/ul	99
85) Benzo(a)anthracene	21.29	228	392607	12.903	ng/ul	97
87) Chrysene	21.34	228	306807	10.248	ng/ul	99
90) Benzo(b)fluoranthene	22.87	252	341800	11.510	ng/ul	99
91) Benzo(k)fluoranthene	22.91	252	108478m	3.758	ng/ul	96
93) Benzo(a)pyrene	23.45	252	200795	7.641	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.81	276	126876	3.882	ng/ul	97
95) Dibenzo(a,h)anthracene	25.82	278	40142	1.465	ng/ul	92

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