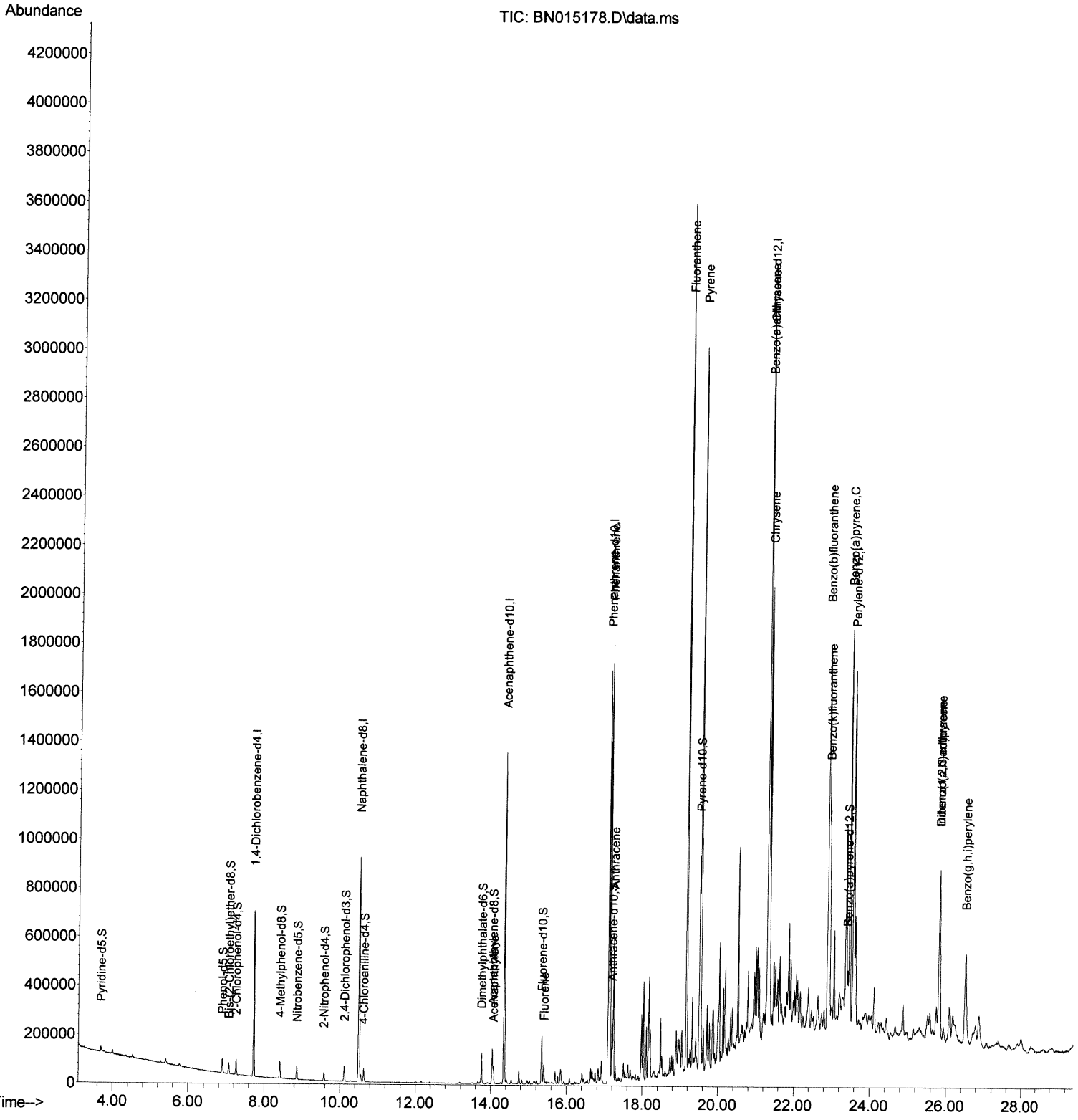
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015178.D
Acq On : 28 Jun 2021 16:35
Operator : CG/JU
Sample : M2680-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 28 17:11:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD73DL

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:50 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
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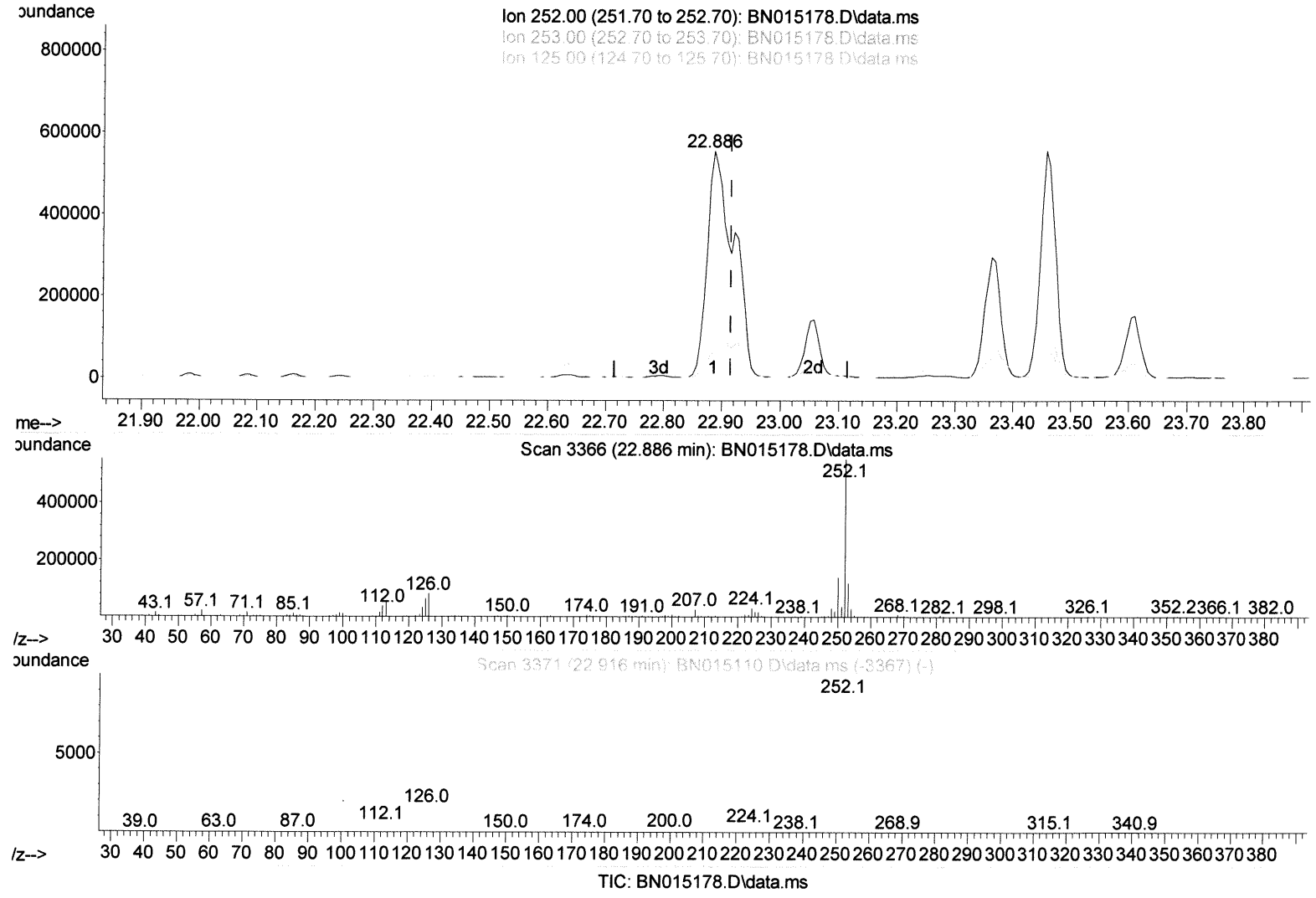

(91) Benzo(k)fluoranthene

22.886min (-0.029) 21.58 ng/ul

response 1288648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	21.53
125.00	11.00	11.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
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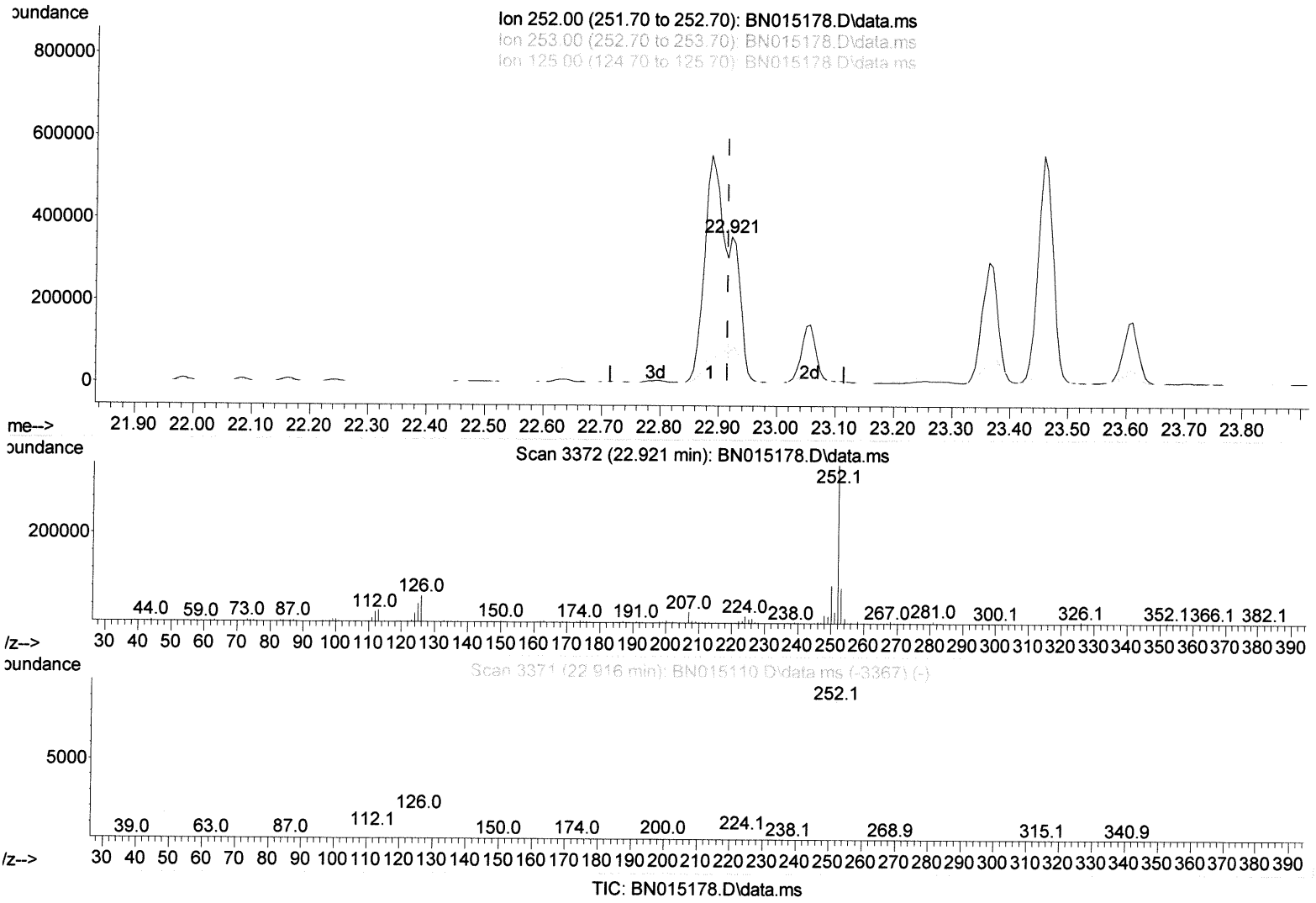
Manual Integrations APPROVED
mohammad
6/29/2021 2:30:50 PM



(91) Benzo(k)fluoranthene

22.921min (+ 0.006) 7.41 ng/ul m

response 442679

6/30/21

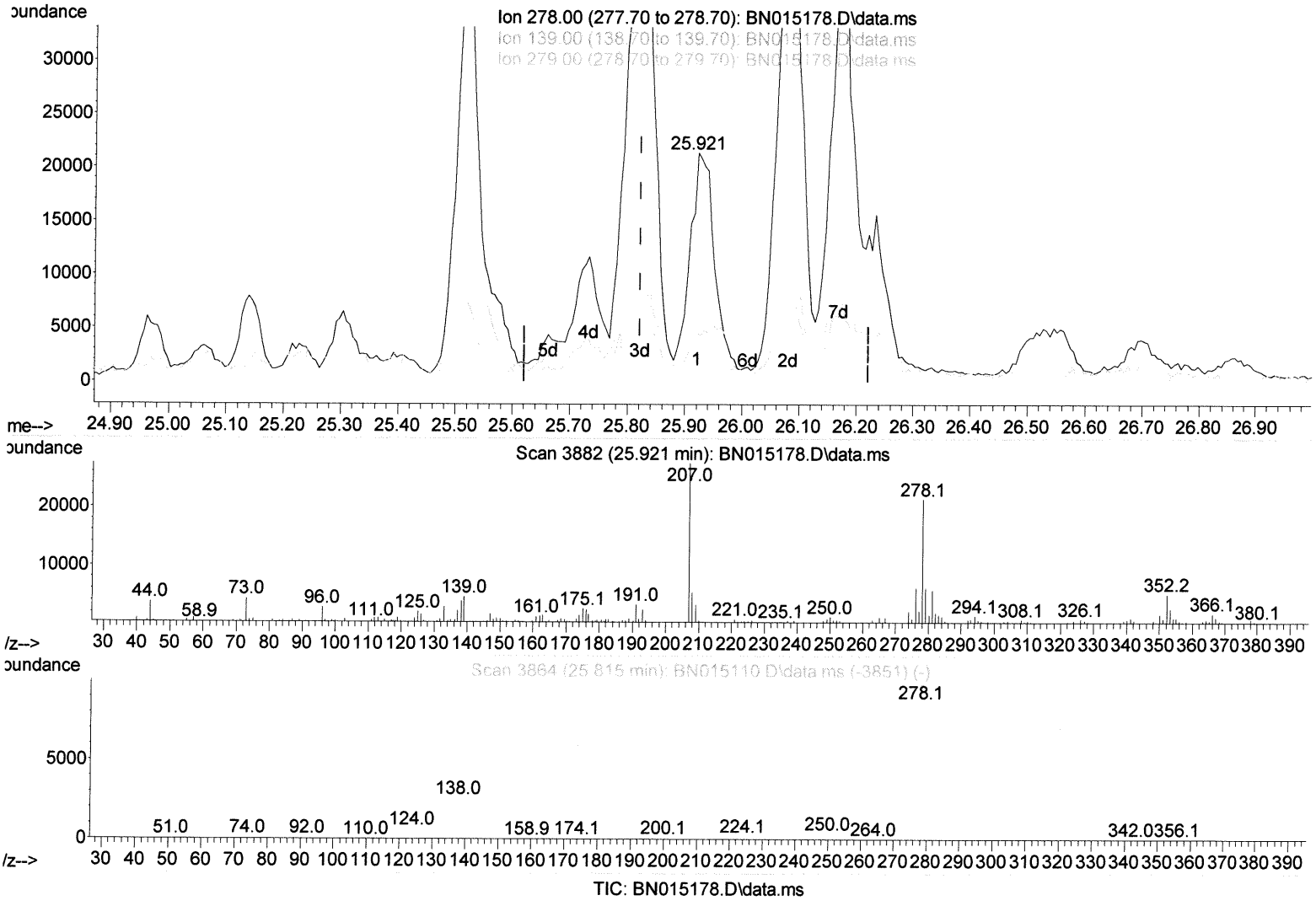
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	22.49
125.00	11.00	11.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015178.D
Acq On : 28 Jun 2021 16:35
Operator : CG/JU
Sample : M2680-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 28 17:11:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD73DL

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:50 PM



(95) Dibenzo(a,h)anthracene

25.921min (+ 0.100) 1.09 ng/ul

response 58932

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	21.57
279.00	25.30	28.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015178.D
Acq On : 28 Jun 2021 16:35
Operator : CG/JU
Sample : M2680-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 28 17:11:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD73DL

Manual Integrations APPROVED
mohammad
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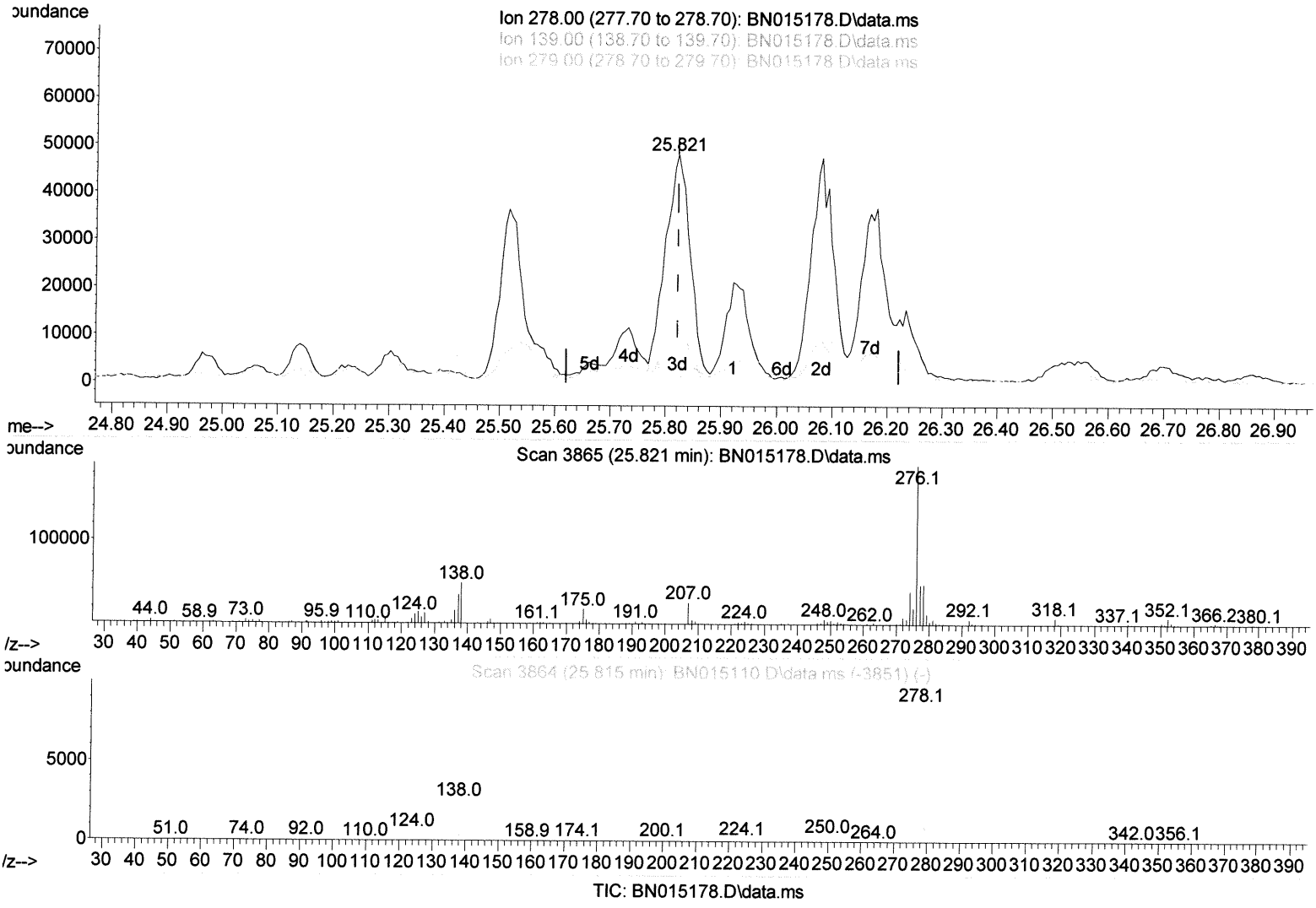

(95) Dibenzo(a,h)anthracene

25.821min (+ 0.000) 2.72 ng/ul m JU 6/30/21

response 146795

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	0.00#
279.00	25.30	26.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015178.D
Acq On : 28 Jun 2021 16:35
Operator : CG/JU
Sample : M2680-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 28 17:11:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BGD73DL

Manual Integrations APPROVED
mohammad
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	182889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	766219	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	469495	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	973178	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	869783	20.000	ng/ul	0.00
88) Perylene-d12	23.557	264	979953	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1466	0.312	ng/uL	0.00
4) Pyridine-d5	3.693	84	13585	1.072	ng/ul	0.02
7) Phenol-d5	6.893	99	34676	2.185	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	21733	2.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	28009	2.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	25553	2.086	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	13856	2.644	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	11439	2.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	23205	2.106	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	28609	1.675	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	81566	2.530	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	102381	2.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	3960	0.704	ng/ul	0.00
60) Fluorene-d10	15.345	176	74444	2.654	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	1705	0.424	ng/ul	0.00
73) Anthracene-d10	17.192	188	120402	2.703	ng/ul	0.00
81) Pyrene-d10	19.498	212	135506	2.972	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	132819	2.745	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.069	152	51063	1.293	ng/ul#	95
61) Fluorene	15.398	166	31030	1.005	ng/ul#	95
72) Phenanthrene	17.139	178	1017822	19.816	ng/ul	100
74) Anthracene	17.228	178	362311	6.871	ng/ul	99
80) Fluoranthene	19.163	202	2091338	38.002	ng/ul	98
82) Pyrene	19.527	202	1805640	31.479	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1150072	21.378	ng/ul	95
87) Chrysene	21.345	228	1018588	19.227	ng/ul	96
90) Benzo(b)fluoranthene	22.886	252	1288648	21.837	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	442679m	7.412	ng/ul	JU 6/30/21
93) Benzo(a)pyrene	23.457	252	1012002	18.868	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.815	276	551940	8.482	ng/ul	95
95) Dibenzo(a,h)anthracene	25.821	278	146795m	2.722	ng/ul	JU 6/30/21
96) Benzo(g,h,i)perylene	26.509	276	418256	7.436	ng/ul	99

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