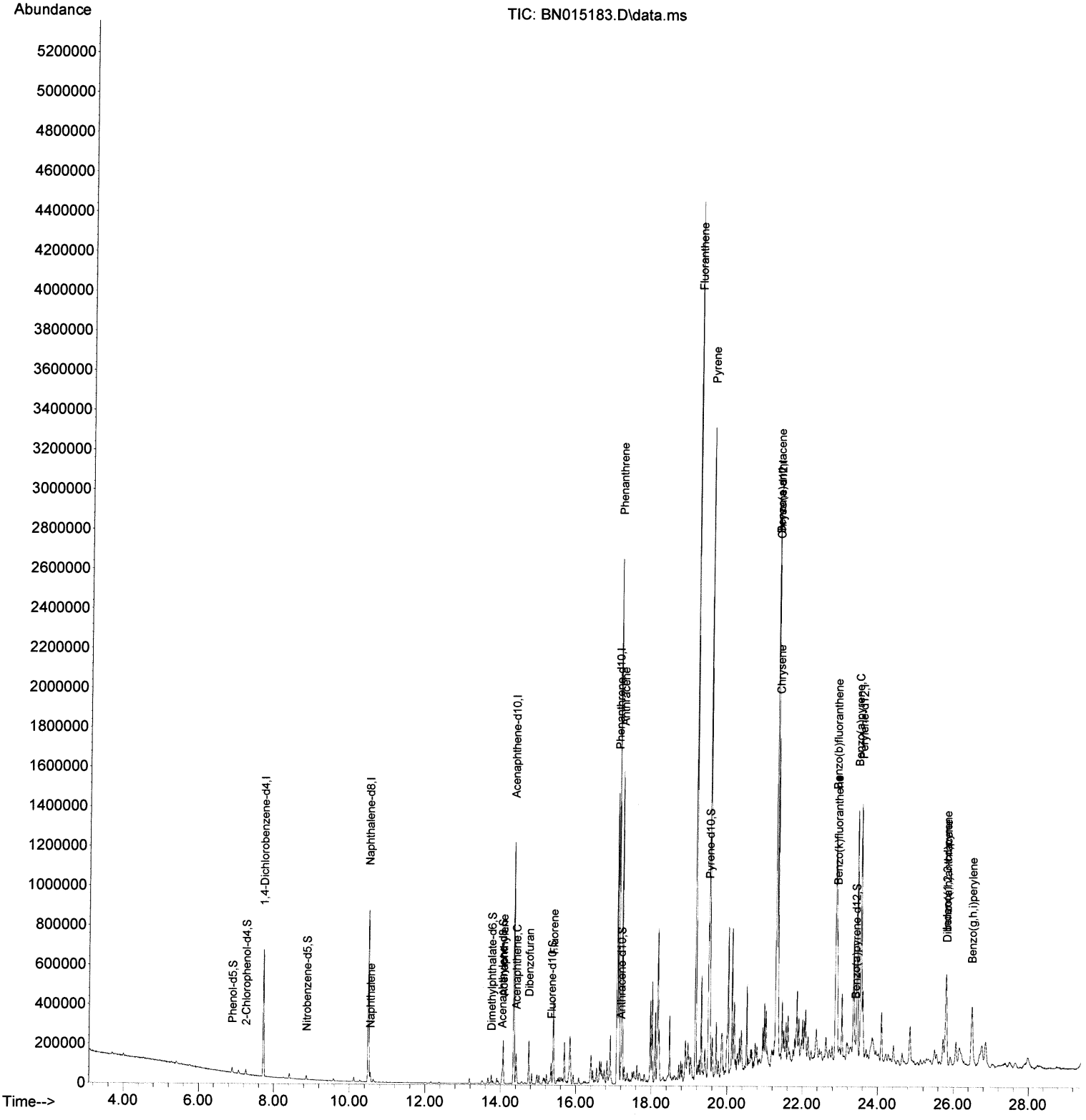
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 07:08:54 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 :
BGDD3DL2

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:02 PM

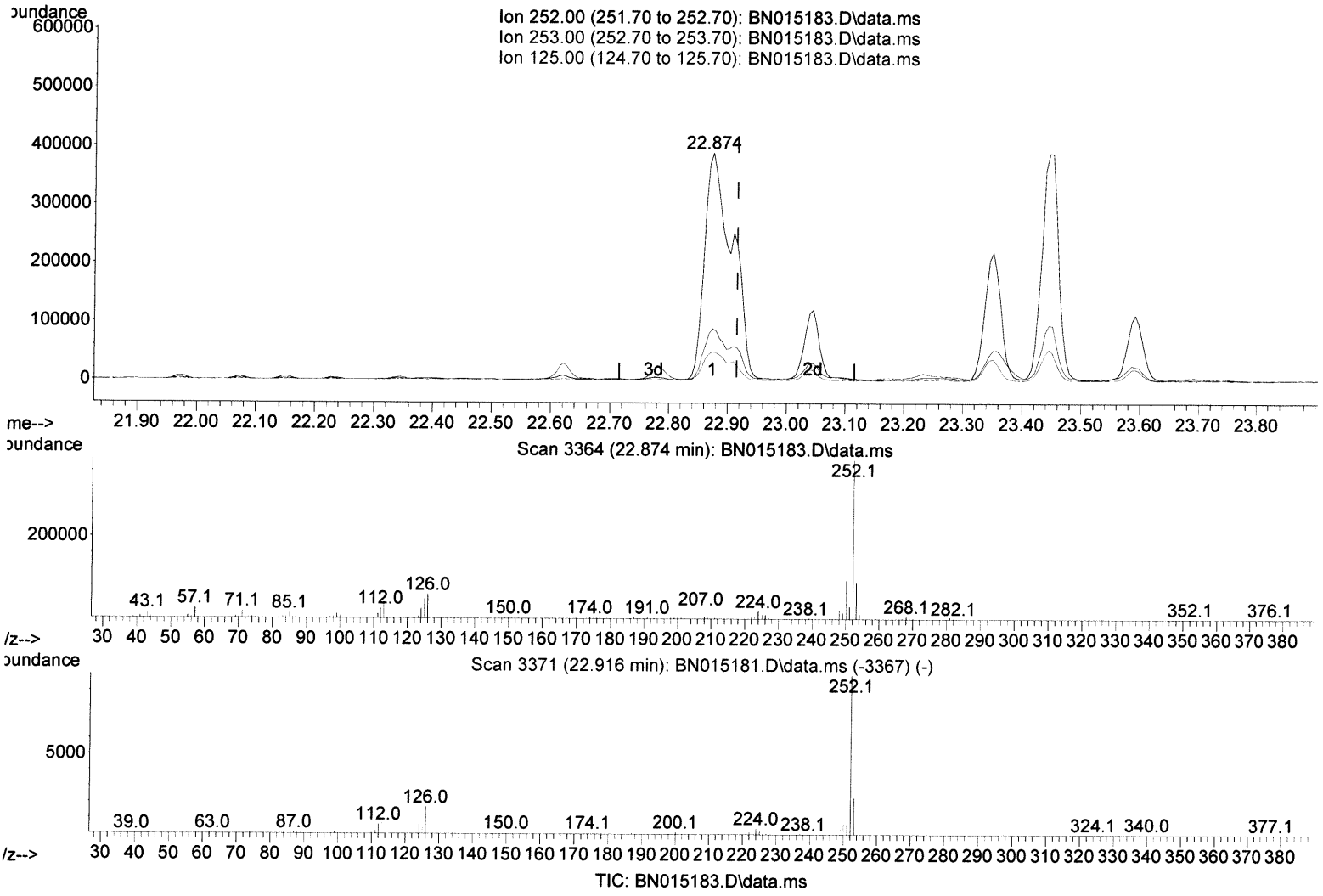


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 08:49:28 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 :
BGDD3DL2

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:02 PM



(91) Benzo(k)fluoranthene

22.874min (-0.041) 18.32 ng/ul

response 955287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	22.78
125.00	11.00	12.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
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BNA_N
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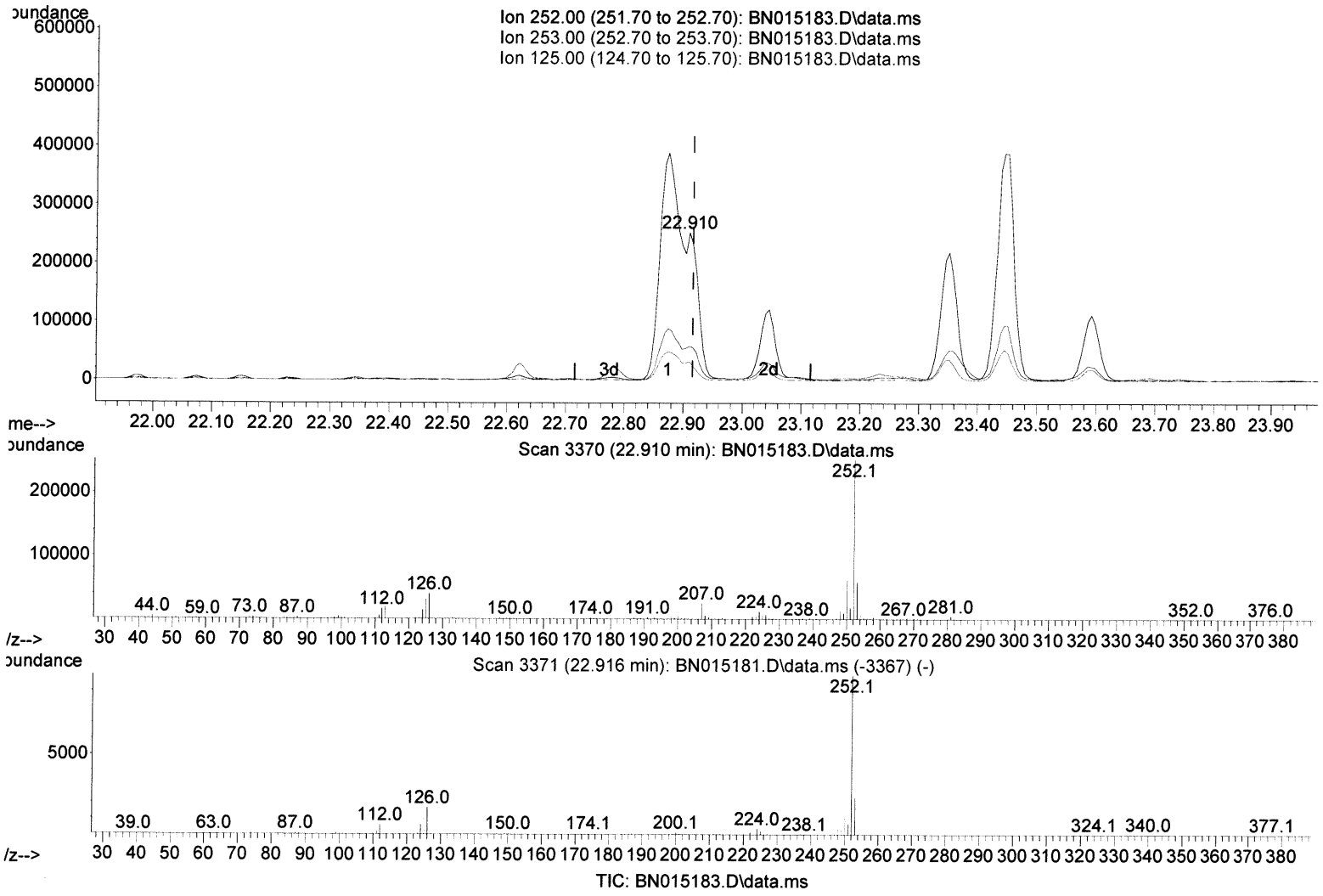
Manual Integrations APPROVED
mohammad
6/29/2021 2:31:02 PM



(91) Benzo(k)fluoranthene

22.910min (-0.006) 5.83 ng/ul m

response 304044

JU 6/30/21

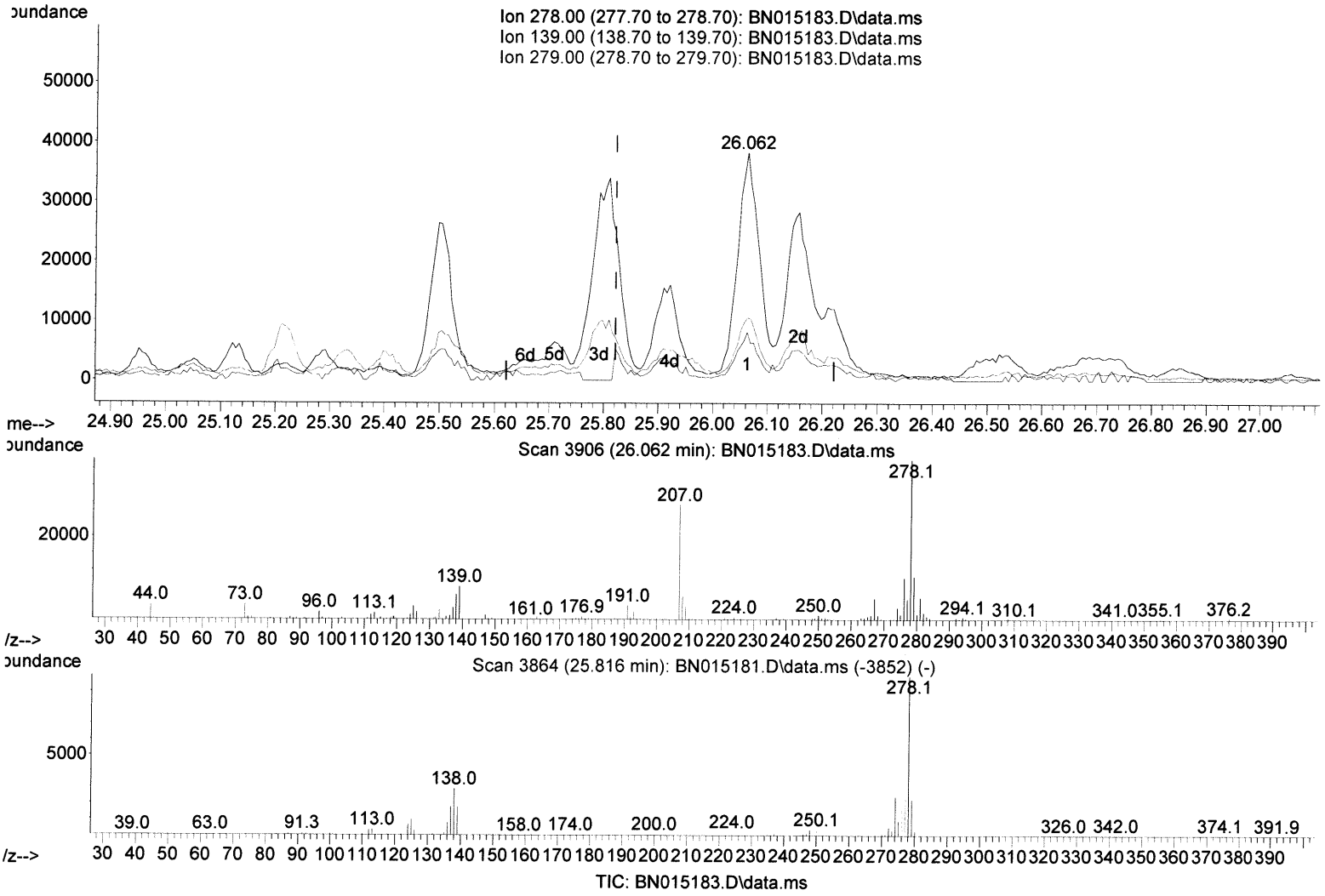
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.18
125.00	11.00	12.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 08:49:28 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 :
BGDD3DL2

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:02 PM



(95) Dibenzo(a,h)anthracene

26.062min (+ 0.241) 2.16 ng/ul

response 101710

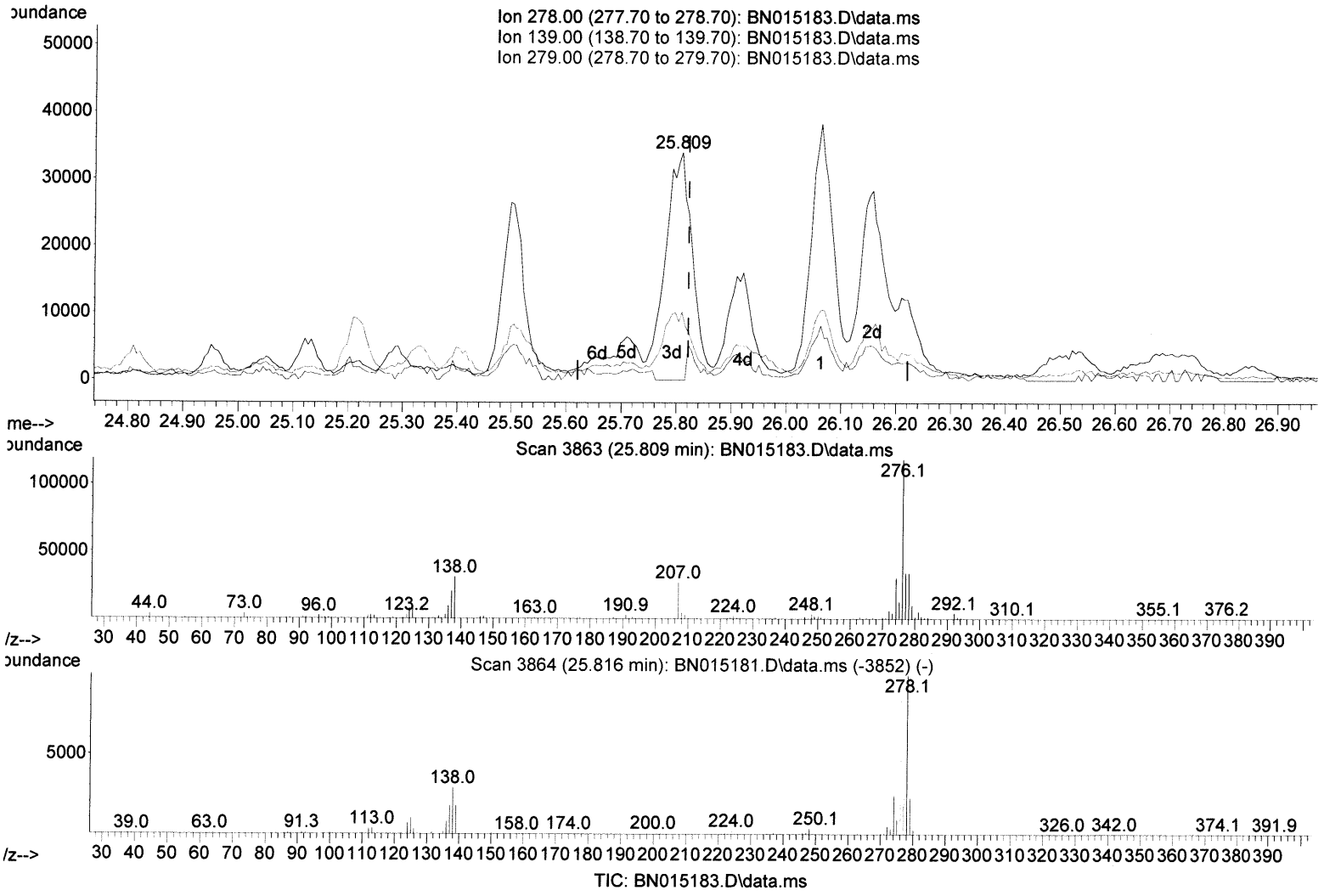
Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	21.25
279.00	25.30	27.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 07:08:54 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 :
BGDD3DL2

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:02 PM



(95) Dibenzo(a,h)anthracene

25.809min (-0.012) 2.22 ng/ul m

JY 6/30/21

response 104405

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	0.00#
279.00	25.30	29.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015183.D
Acq On : 28 Jun 2021 20:14
Operator : CG/JU
Sample : M2680-07DL2 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDD3DL2

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:02 PM

Quant Time: Jun 29 07:08:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	173692	20.00	ng/ul	0.00
20) Naphthalene-d8	10.498	136	706344	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	417000	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	853993	20.00	ng/ul	0.00
79) Chrysene-d12	21.298	240	832519	20.00	ng/ul	0.00
88) Perylene-d12	23.545	264	855514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	447	0.10	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.893	99	15200	1.01	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	8551	0.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	11601	1.01	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	10208	0.88	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	5011	1.04	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	3730	0.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	8519	0.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	9242	0.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	30137	1.05	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	39076	1.05	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.345	176	29187	1.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.198	188	48752	1.25	ng/ul	0.00
81) Pyrene-d10	19.498	212	54124	1.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	55552	1.32	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.546	128	39379	1.09	ng/ul	97
50) Acenaphthylene	14.069	152	138428	3.95	ng/ul	97
52) Acenaphthene	14.410	153	61051	2.47	ng/ul	99
56) Dibenzofuran	14.751	168	118517	3.42	ng/ul	96
61) Fluorene	15.398	166	176971	6.45	ng/ul	96
72) Phenanthrene	17.139	178	1484820	32.94	ng/ul	98
74) Anthracene	17.227	178	949752	20.53	ng/ul	99
80) Fluoranthene	19.163	202	2451683	46.54	ng/ul	99
82) Pyrene	19.527	202	2020086	36.79	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1033562	20.07	ng/ul#	90
87) Chrysene	21.333	228	828899	16.35	ng/ul	95
90) Benzo(b)fluoranthene	22.874	252	955287	18.54	ng/ul	99
91) Benzo(k)fluoranthene	22.910	252	304044m	5.83	ng/ul	93
93) Benzo(a)pyrene	23.445	252	763616	16.31	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.798	276	408081	7.18	ng/ul	94
95) Dibenzo(a,h)anthracene	25.809	278	104405m	2.22	ng/ul	93
96) Benzo(g,h,i)perylene	26.486	276	321882	6.55	ng/ul	98

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