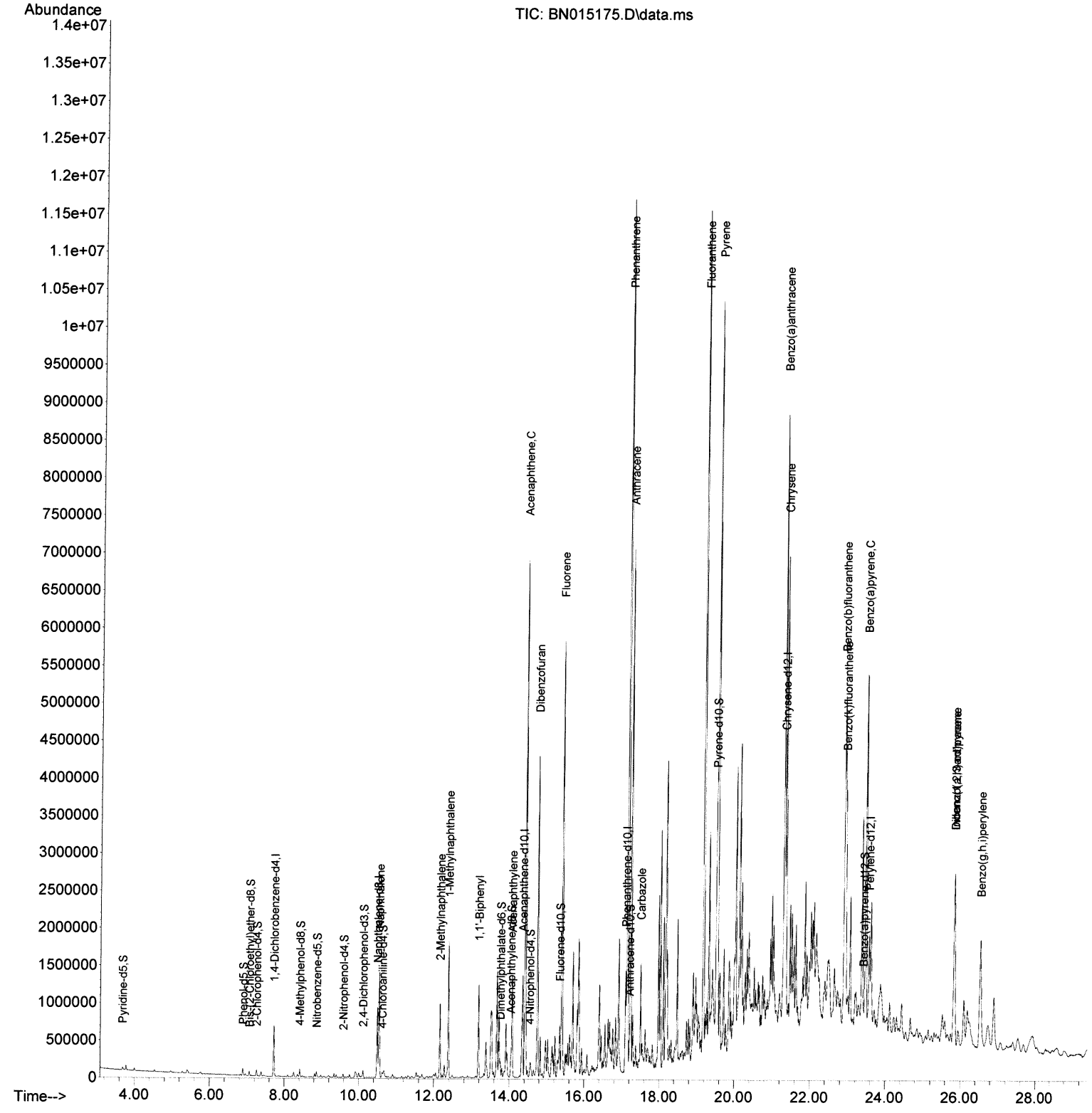
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015175.D
Acq On : 28 Jun 2021 14:46
Operator : CG/JU
Sample : M2680-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 28 15:22:23 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 :
BGDD2

Manual Integrations APPROVED
mohammad
6/29/2021 2:30:45 PM



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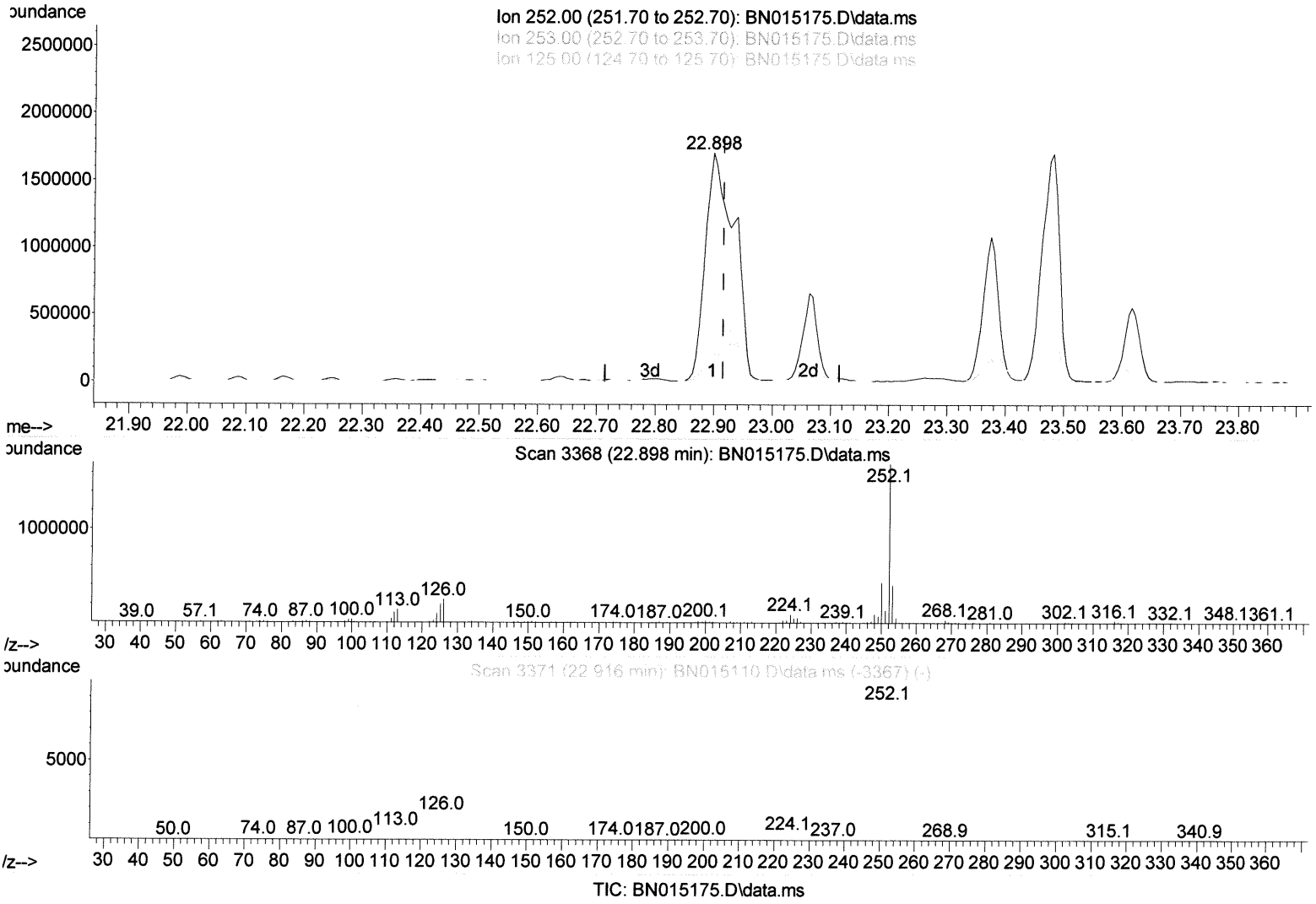

(91) Benzo(k)fluoranthene

22.898min (-0.018) 85.52 ng/ul

response 4391060

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	23.66
125.00	11.00	11.68
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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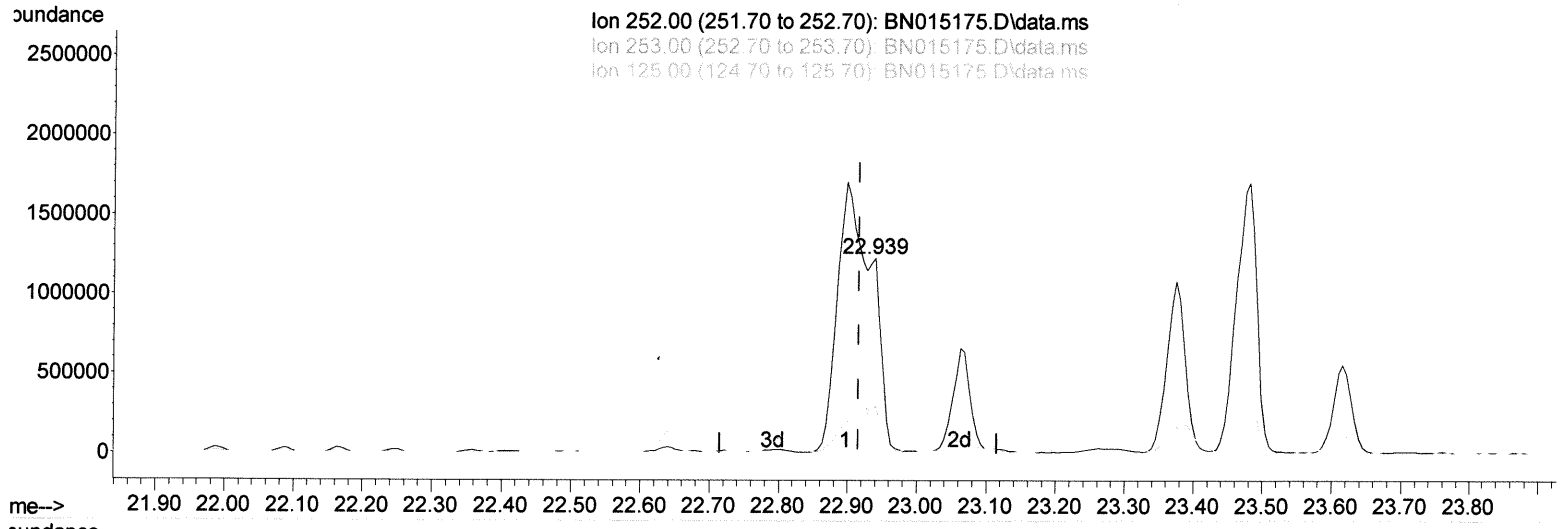
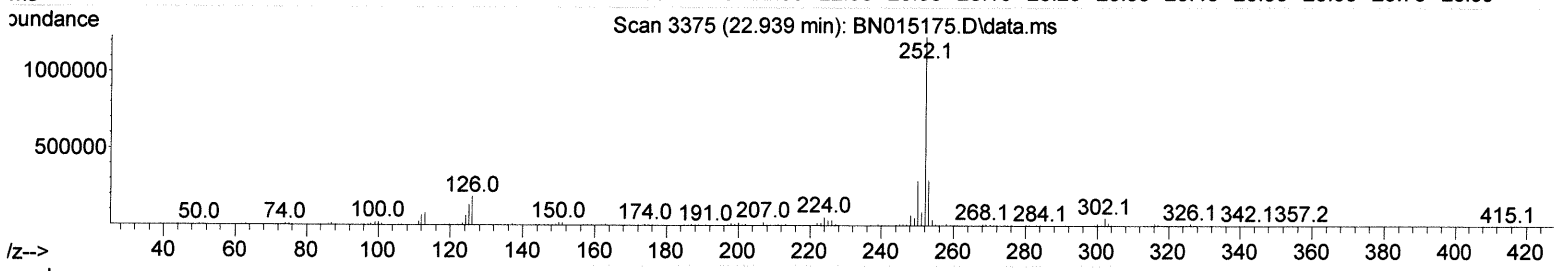
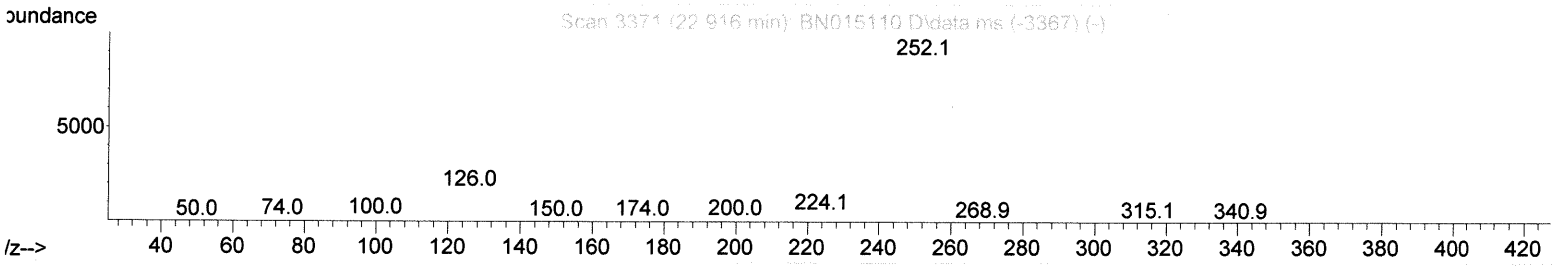
Manual Integrations APPROVED
mohammad
6/29/2021 2:30:45 PM







TIC: BN015175.D\data.ms

(91) Benzo(k)fluoranthene

22.939min (+ 0.024) 27.94 ng/ul m

response 1434492

JG 6/30/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.50	24.09
125.00	11.00	10.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015175.D
Acq On : 28 Jun 2021 14:46
Operator : CG/JU
Sample : M2680-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 28 15:22:23 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 :
BGDD2

Manual Integrations APPROVED
mohammad
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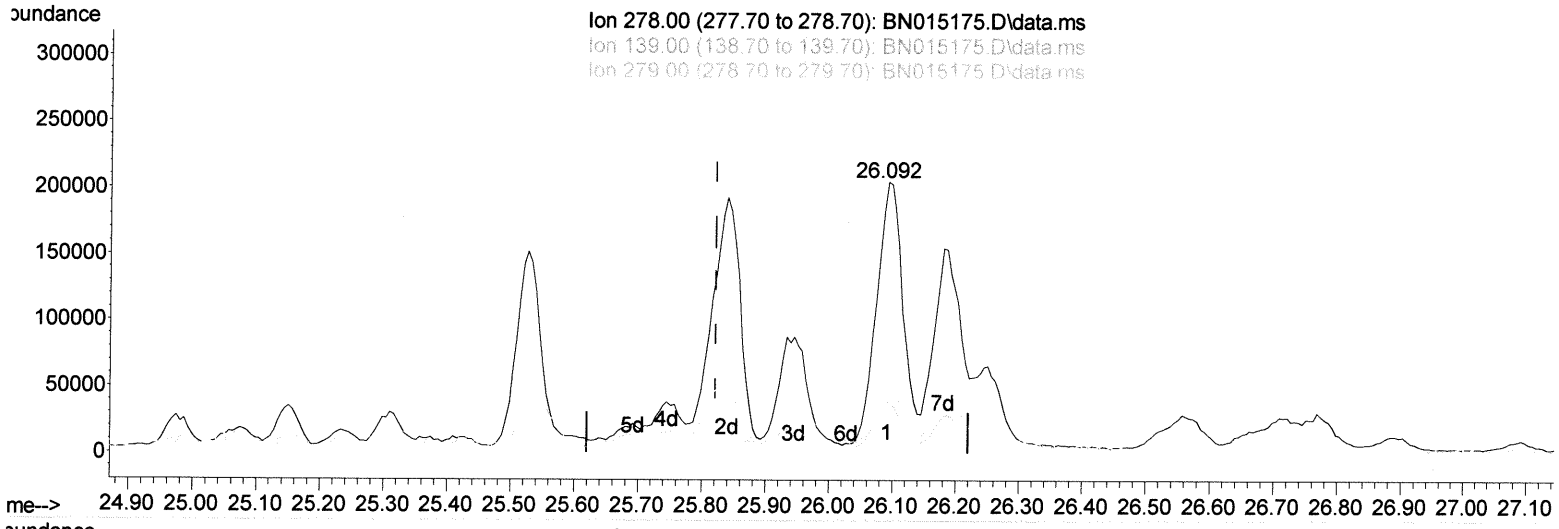

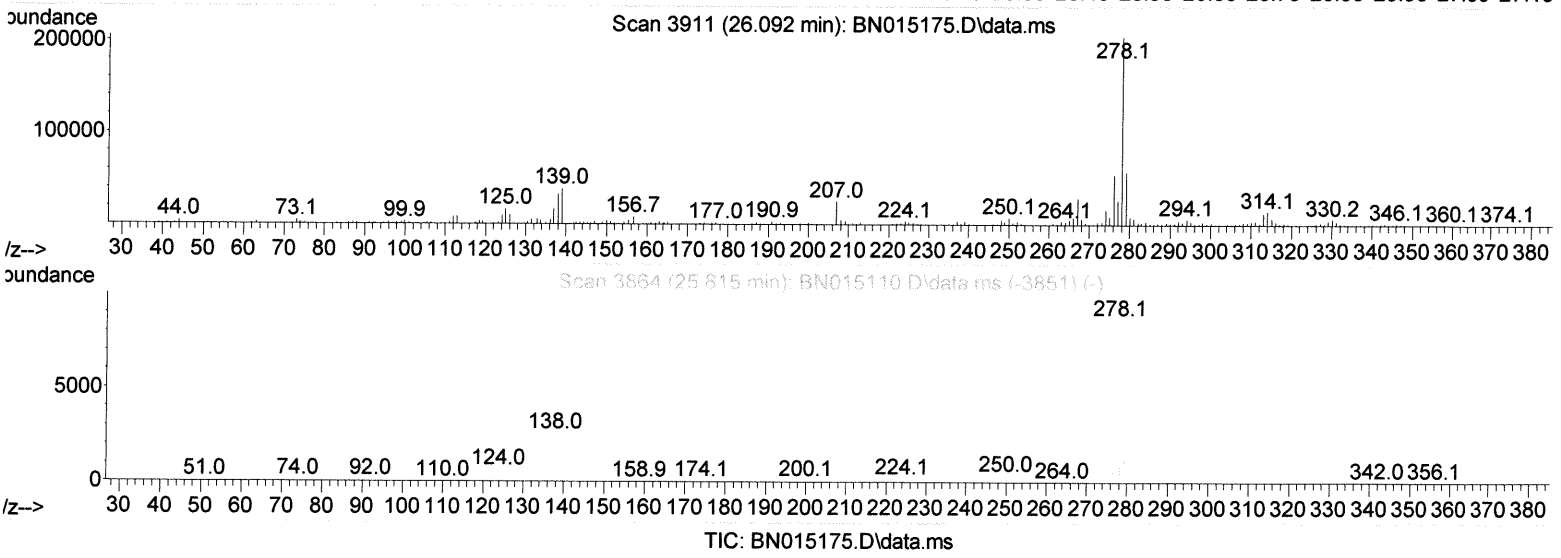

TIC: BN015175.D\data.ms

(95) Dibenzo(a,h)anthracene

26.092min (+ 0.271) 12.39 ng/ul

response 574495

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	18.84
279.00	25.30	28.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015175.D
Acq On : 28 Jun 2021 14:46
Operator : CG/JU
Sample : M2680-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 28 15:22:23 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 :
BGDD2

Manual Integrations APPROVED
mohammad
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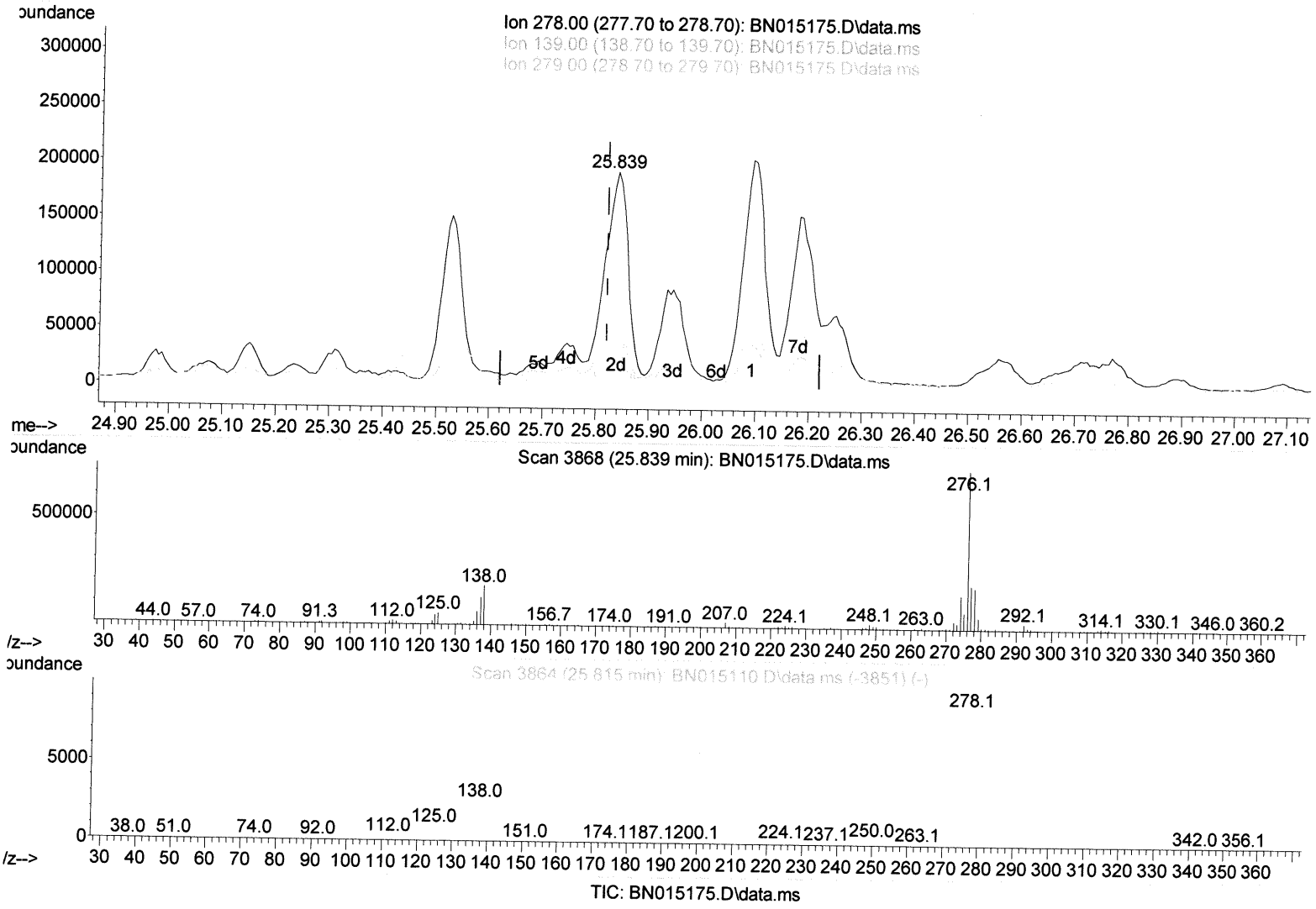

(95) Dibenzo(a,h)anthracene

25.839min (+ 0.018) 11.95 ng/ul m JU 6/30/21

response 554198

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.50	0.00#
279.00	25.30	28.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015175.D
Acq On : 28 Jun 2021 14:46
Operator : CG/JU
Sample : M2680-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 28 15:22:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BGDD2

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	181298	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	762474	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	464897	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	874578	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	671600	20.00	ng/ul	0.02
88) Perylene-d12	23.569	264	842479	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1899	0.41	ng/uL	0.00
4) Pyridine-d5	3.687	84	16227	1.29	ng/ul	0.01
7) Phenol-d5	6.893	99	45593	2.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	27084	2.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	35769	3.00	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	36246	2.98	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	18063	3.46	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	14885	3.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	32448	2.96	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	47521	2.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	107512	3.37	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	132936	3.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	7918	1.42	ng/ul	0.00
60) Fluorene-d10	15.345	176	93621	3.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	1290	0.36	ng/ul	0.01
73) Anthracene-d10	17.204	188	137696	3.44	ng/ul	0.00
81) Pyrene-d10	19.504	212	129911	3.69	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	146664	3.53	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.546	128	1106699	28.44	ng/ul	99
36) 2-Methylnaphthalene	12.157	142	477666	17.73	ng/ul	96
37) 1-Methylnaphthalene	12.381	142	833421	30.88	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	618486	18.44	ng/ul	97
50) Acenaphthylene	14.069	152	726588	18.58	ng/ul#	97
52) Acenaphthene	14.422	153	3009092	109.38	ng/ul	98
56) Dibenzofuran	14.751	168	2545699	65.88	ng/ul	96
61) Fluorene	15.404	166	2642005	86.37	ng/ul	95
72) Phenanthrene	17.157	178	9235400	200.07	ng/ul	99
74) Anthracene	17.239	178	4431218	93.51	ng/ul	99
77) Carbazole	17.504	167	868670	20.34	ng/ul	99
80) Fluoranthene	19.180	202	8936732	210.31	ng/ul	99
82) Pyrene	19.545	202	7514592	169.67	ng/ul	100
85) Benzo(a)anthracene	21.298	228	4122463	99.24	ng/ul#	82
87) Chrysene	21.351	228	3448136	84.30	ng/ul	95
90) Benzo(b)fluoranthene	22.898	252	4391060	86.55	ng/ul	98
91) Benzo(k)fluoranthene	22.939	252	1434492m	27.94	ng/ul	98
93) Benzo(a)pyrene	23.480	252	3527506	76.50	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.839	276	2090702	37.37	ng/ul	93
95) Dibenzo(a,h)anthracene	25.839	278	554198m	11.95	ng/ul	98
96) Benzo(g,h,i)perylene	26.539	276	1681714	34.78	ng/ul	98

JU 6/30/21

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