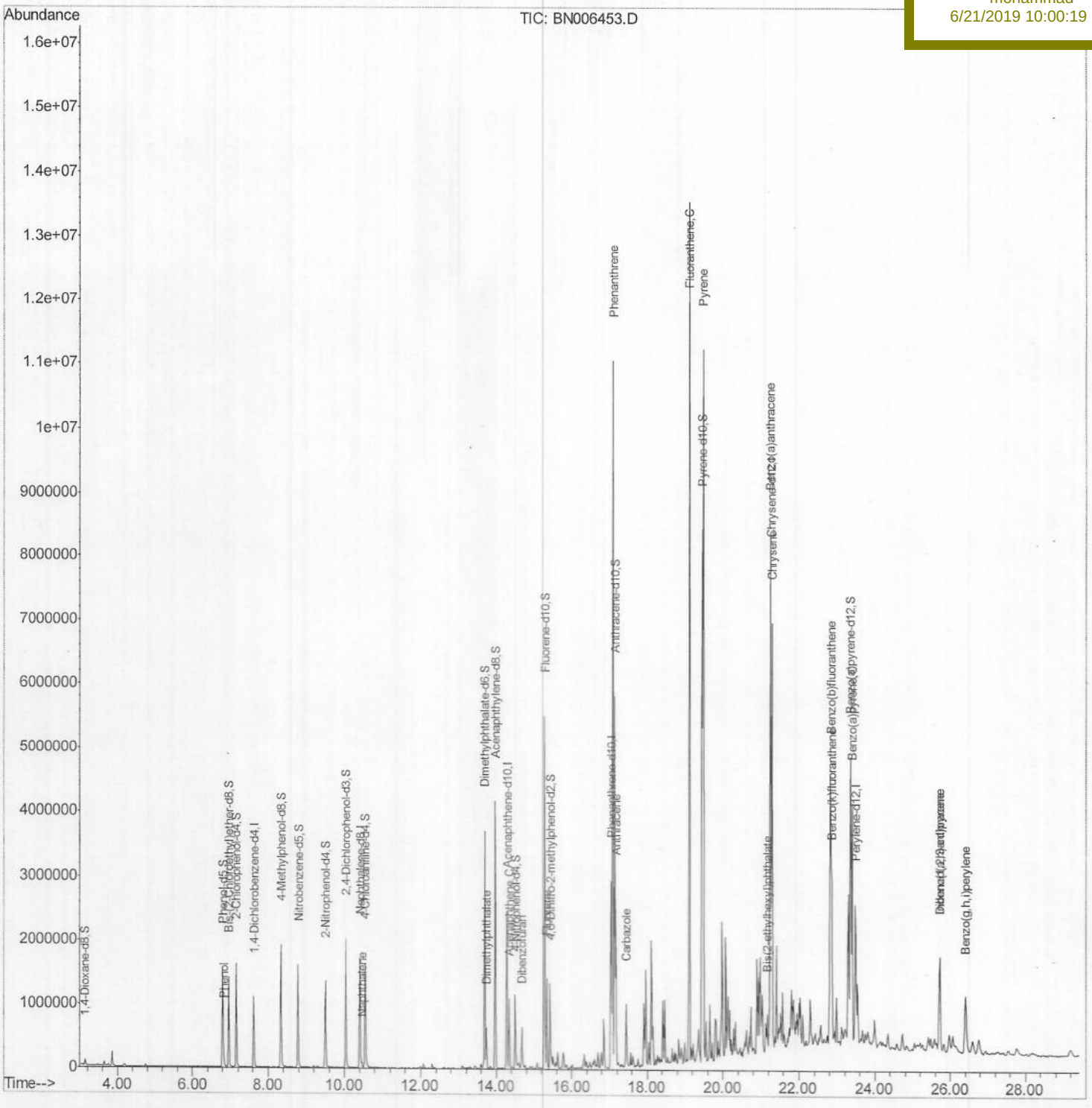
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Jun 21 07:57:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 06:31:50 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4201

Manual Integrations APPROVED
mohammad
6/21/2019 10:00:19 PM



Quantitation Report (Qedit)

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Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
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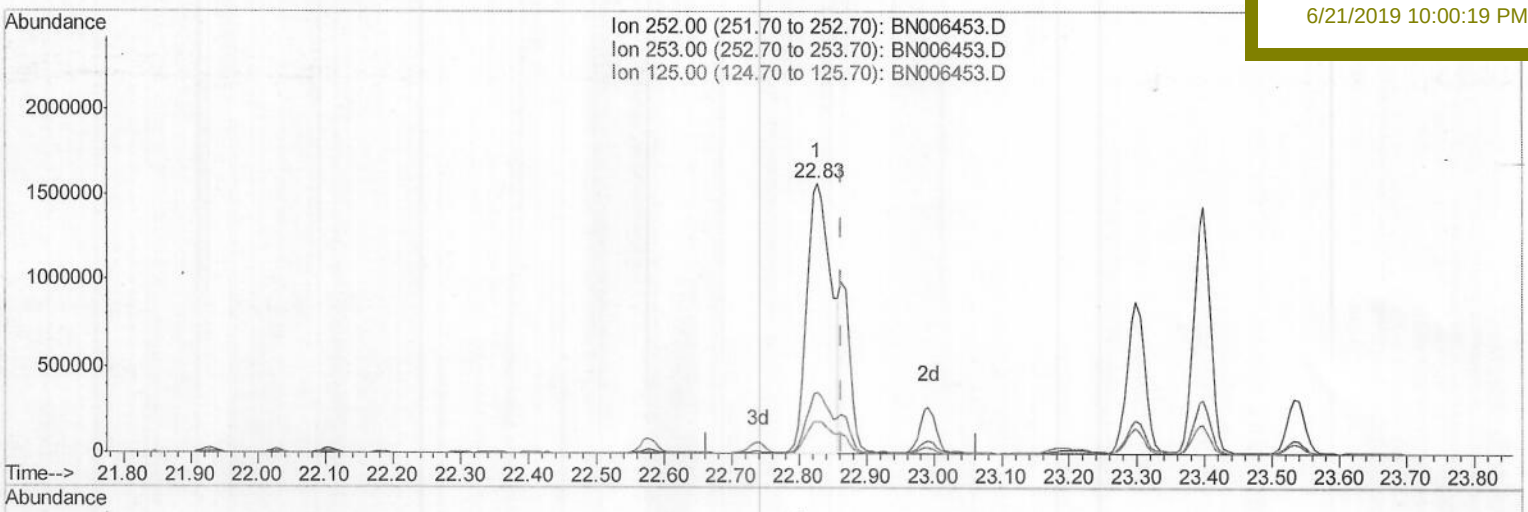

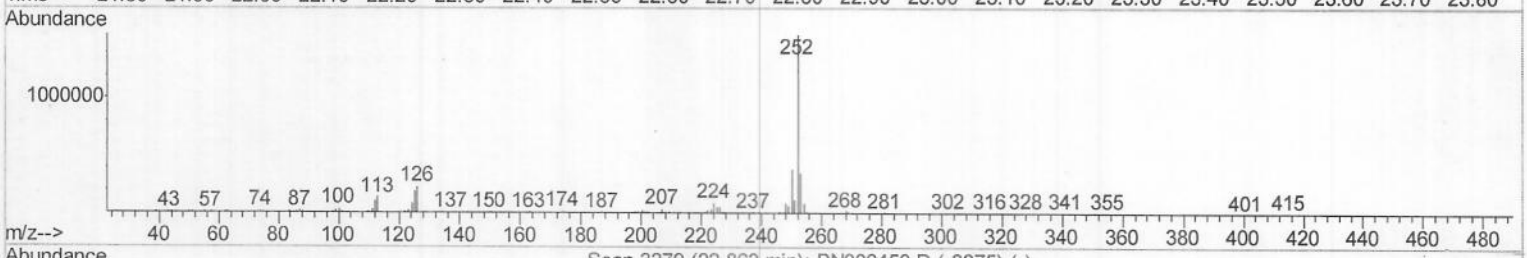

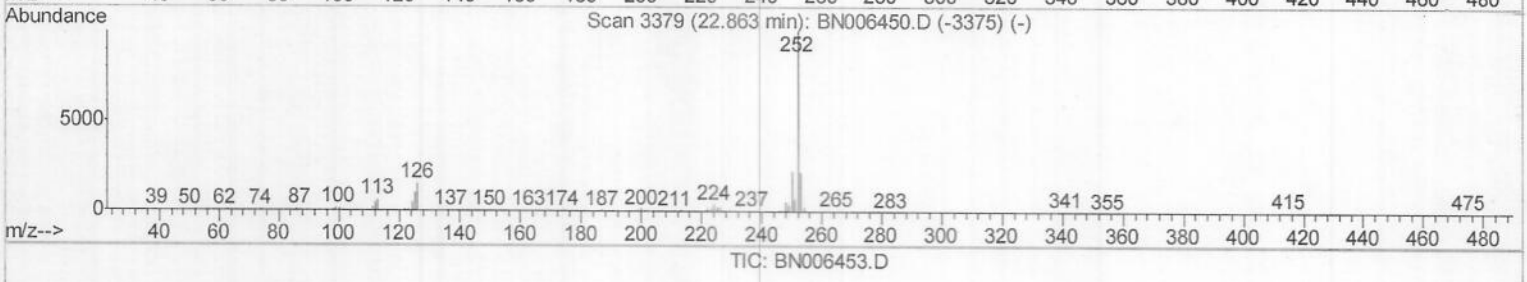

TIC: BN006453.D

(88) Benzo(k)fluoranthene

22.827min (-0.035) 45.17ng/ul

response 3945538

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.95
125.00	11.40	12.04
0.00	0.00	0.00

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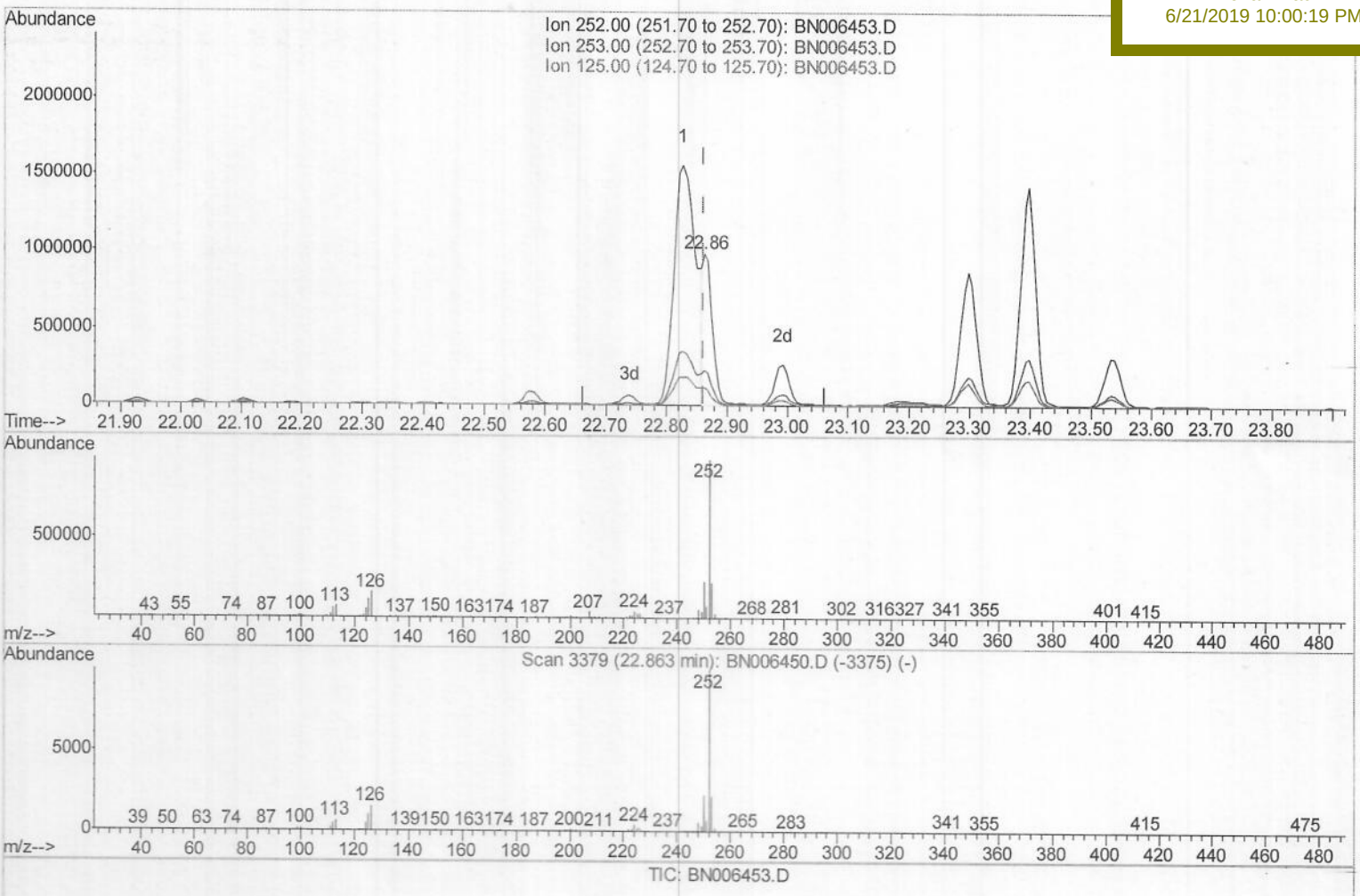
Manual Integrations APPROVED
mohammad
6/21/2019 10:00:19 PM



TIC: BN006453.D

(88) Benzo(k)fluoranthene

22.863min (+0.000) 12.30ng/ul m) JU06/20/19

response 1074561

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.81
125.00	11.40	11.81
0.00	0.00	0.00

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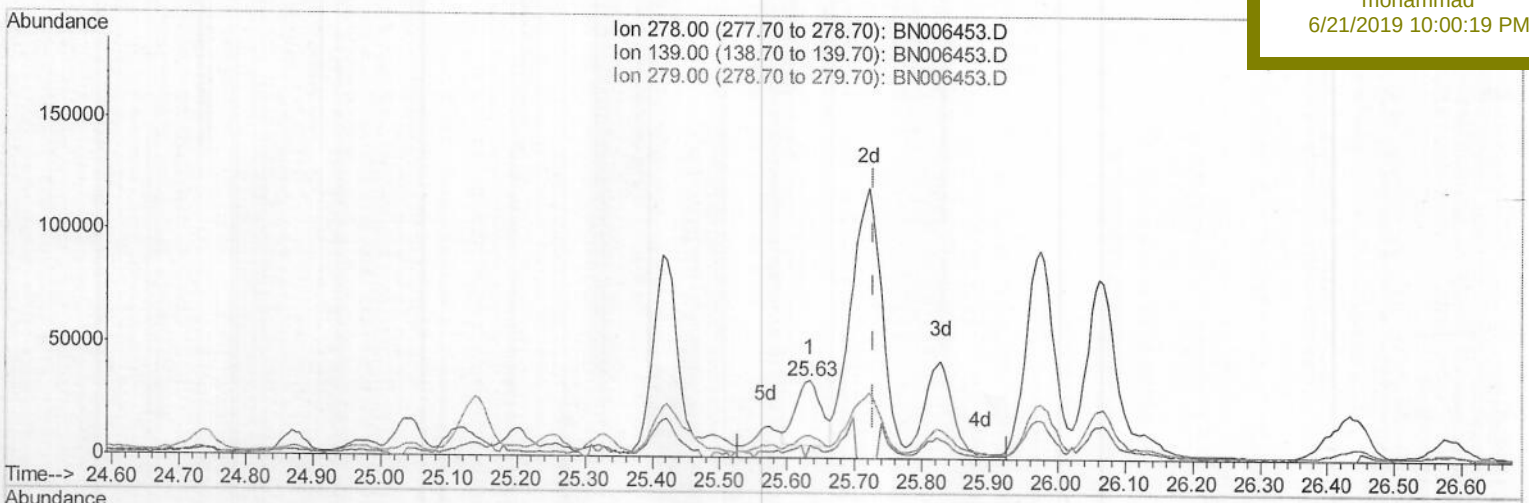
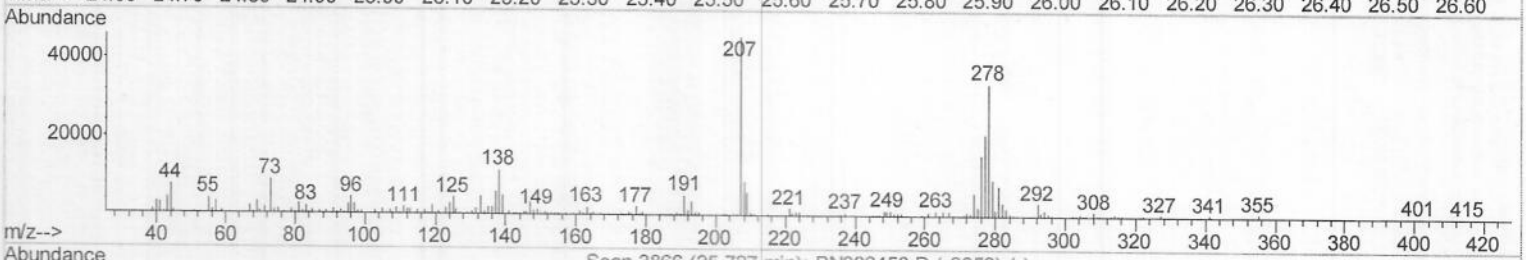
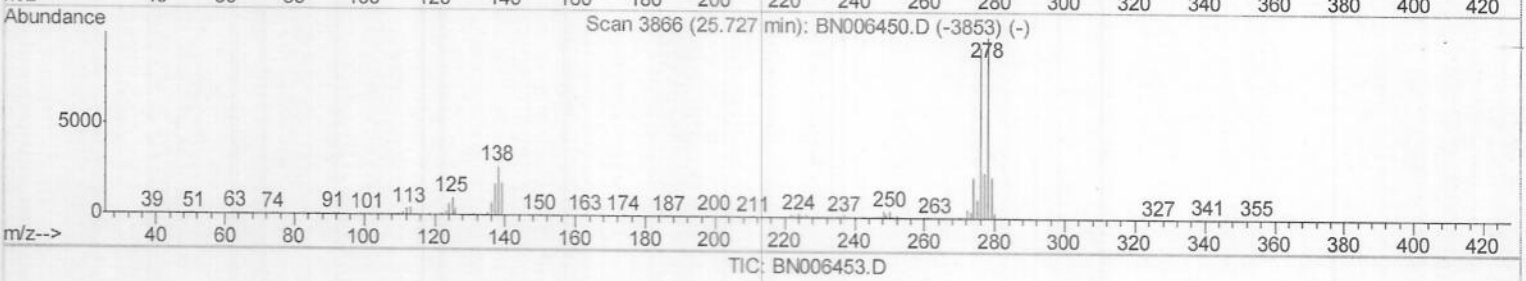
Manual Integrations APPROVED
mohammad
6/21/2019 10:00:19 PM







(92) Dibenzo(a,h)anthracene

25.633min (-0.094) 0.89ng/ul

response 76463

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	15.56
279.00	23.50	28.15
0.00	0.00	0.00

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BNA_N
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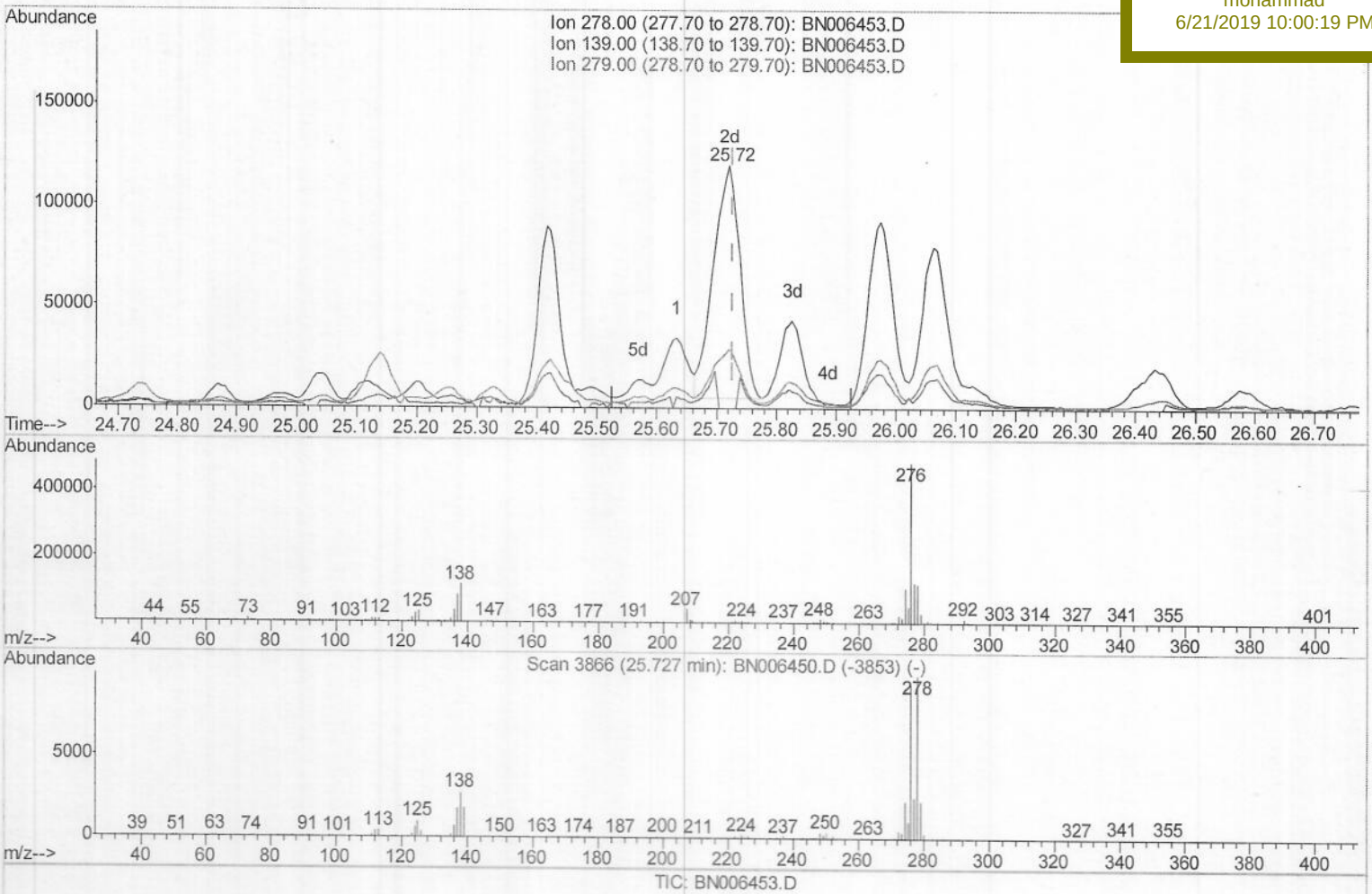
Manual Integrations APPROVED
mohammad
6/21/2019 10:00:19 PM



TIC: BN006453.D

(92) Dibenzo(a,h)anthracene

25.721min (-0.006) 4.12ng/ul m) JU06/20/19

response 354255

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	0.00#
279.00	23.50	24.01
0.00	0.00	0.00

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Misc :
ALS Vial : 58 Sample Multiplier: 1

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ClientSampleId : A4201

Manual Integrations APPROVED
mohammad
6/21/2019 10:00:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	281662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1317022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	780776	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1724086	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1506047	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1522962	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	45115	6.26	ng/uL	0.00
5) Phenol-d5	6.80	99	920473	30.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	628636	33.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	724472	32.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	707510	29.74	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	372935	35.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	418381	36.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	701010	31.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	893740	35.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	2308907	33.74	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2850298	33.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	286385	24.50	ng/ul	0.00
57) Fluorene-d10	15.28	176	2013991	34.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	239276	21.93	ng/ul	0.00
70) Anthracene-d10	17.14	188	2976766	34.29	ng/ul	0.00
78) Pyrene-d10	19.45	212	3232128	36.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	3053790	35.50	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.83	94	66835	2.311	ng/ul	94
28) Naphthalene	10.45	128	70105	1.011	ng/ul	99
44) Dimethylphthalate	13.74	163	374075	5.930	ng/ul	100
49) Acenaphthene	14.35	153	424132	8.007	ng/ul	99
53) Dibenzofuran	14.68	168	372465	5.075	ng/ul	99
58) Fluorene	15.33	166	590761	9.957	ng/ul	100
69) Phenanthrene	17.09	178	6835620	71.883	ng/ul	98
71) Anthracene	17.17	178	1510306	15.646	ng/ul	99
74) Carbazole	17.45	167	559521	6.716	ng/ul	100
76) Fluoranthene	19.12	202	8400575	81.969	ng/ul	98
79) Pyrene	19.48	202	6713914	65.477	ng/ul	97
82) Benzo(a)anthracene	21.25	228	3468256	33.692	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.17	149	147576	2.238	ng/ul	99
84) Chrysene	21.30	228	3637997	37.134	ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	3945538	43.167	ng/ul	98
88) Benzo(k)fluoranthene	22.86	252	1074561m	12.301	ng/ul	
90) Benzo(a)pyrene	23.40	252	2400330	27.387	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.72	276	1300508	12.538	ng/ul	96
92) Dibenzo(a,h)anthracene	25.72	278	354255m	4.124	ng/ul	
93) Benzo(g,h,i)perylene	26.40	276	1006861	11.526	ng/ul	99

JU 06/20/19

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