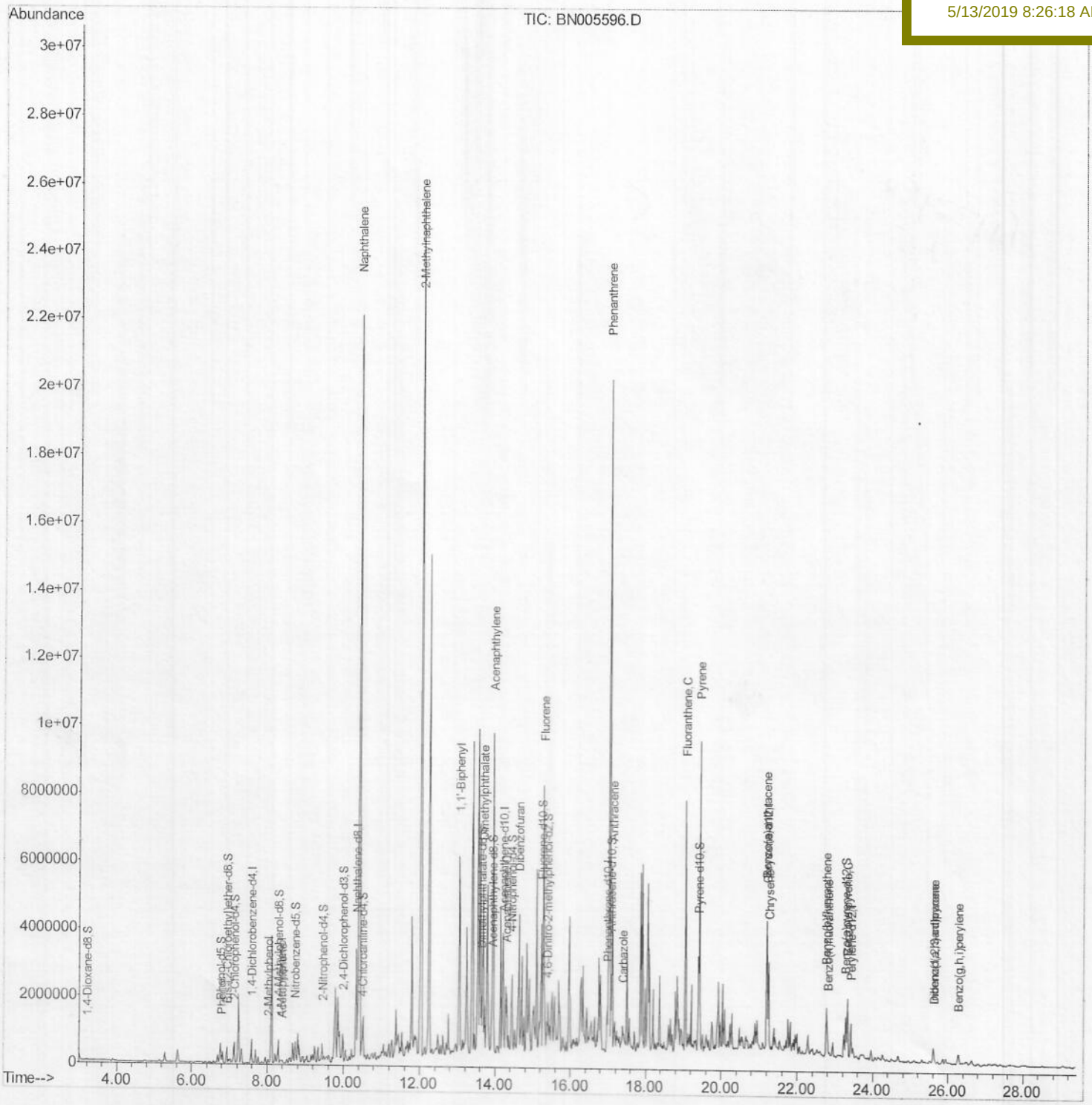
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005596.D
Acq On : 10 May 2019 19:40
Operator : JU/SJ
Sample : K2603-19ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 10 23:45:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ71ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:18 AM



Quantitation Report (Qedit)

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Acq On : 10 May 2019 19:40
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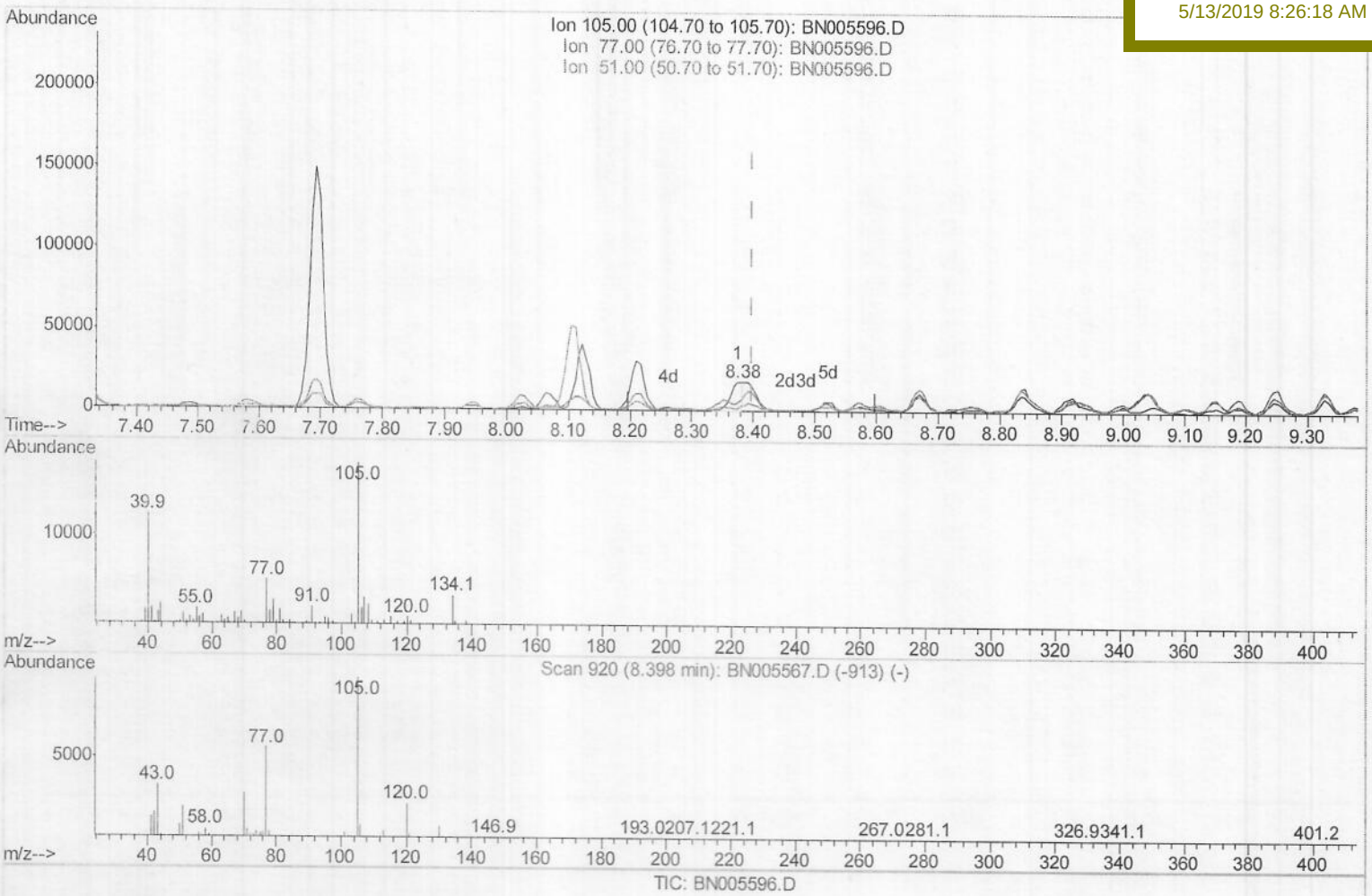

(14) Acetophenone

8.375min (-0.024) 1.29ng/ul

response 23792

Ion	Exp%	Act%
105.00	100	100
77.00	79.20	28.43#
51.00	30.30	8.79#
0.00	0.00	0.00

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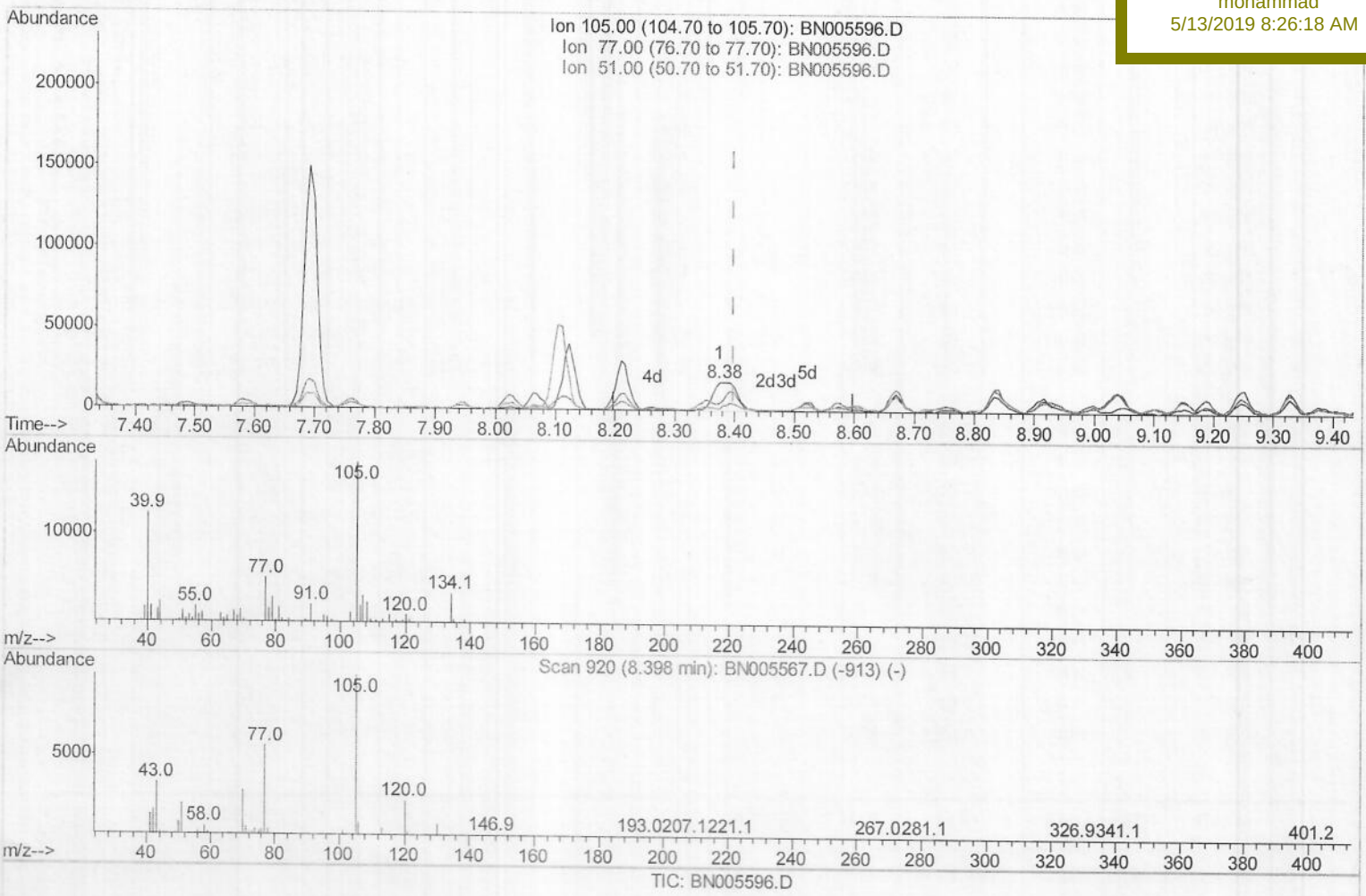

(14) Acetophenone

8.375min (-0.024) 2.66ng/ul m

response 49211

JU 05/12/19

Ion	Exp%	Act%
105.00	100	100
77.00	79.20	28.43#
51.00	30.30	8.79#
0.00	0.00	0.00

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Manual Integrations APPROVED
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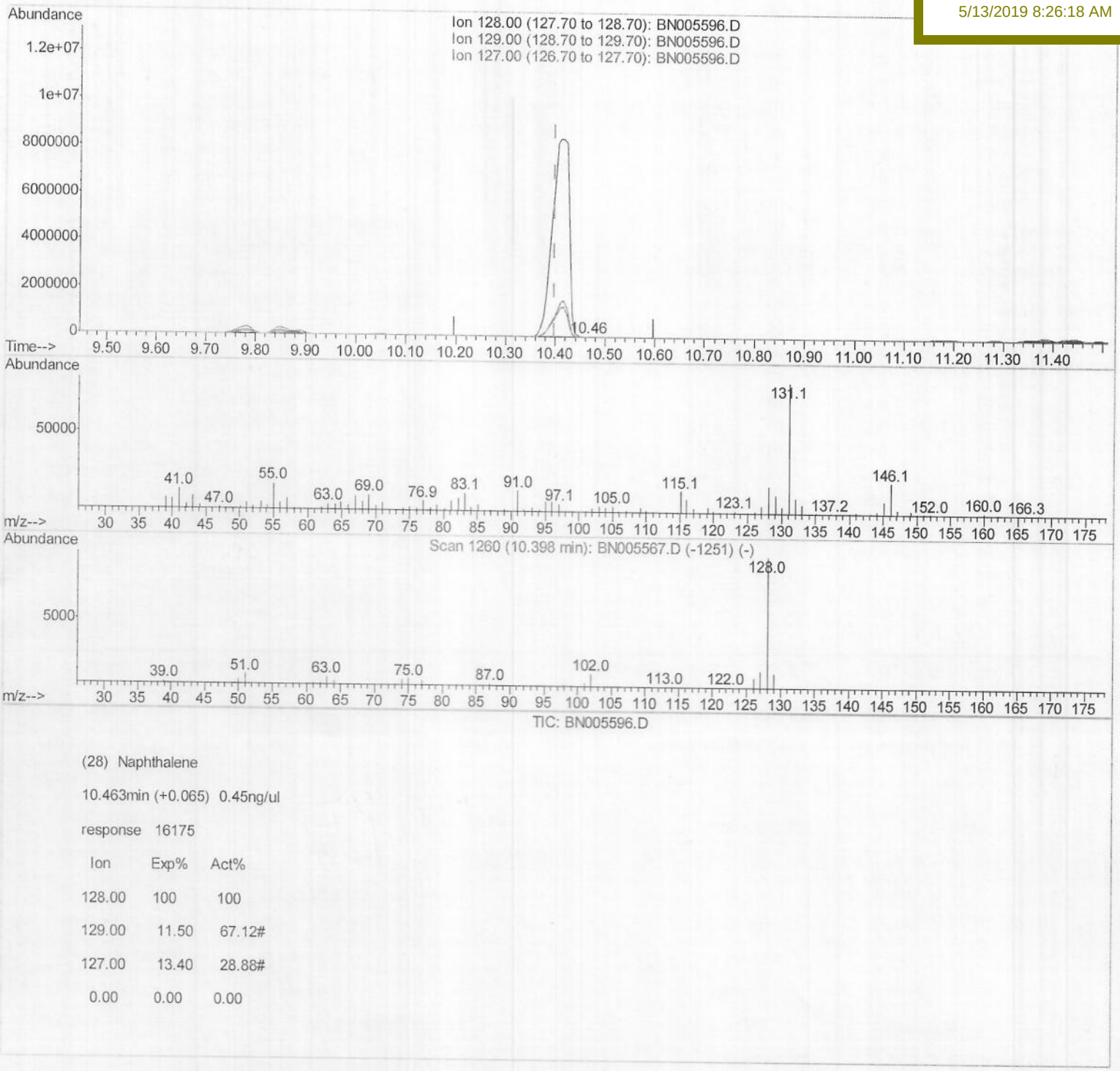

TIC: BN005596.D

(28) Naphthalene

10.463min (+0.065) 0.45ng/ul

response 16175

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	67.12#
127.00	13.40	28.88#
0.00	0.00	0.00

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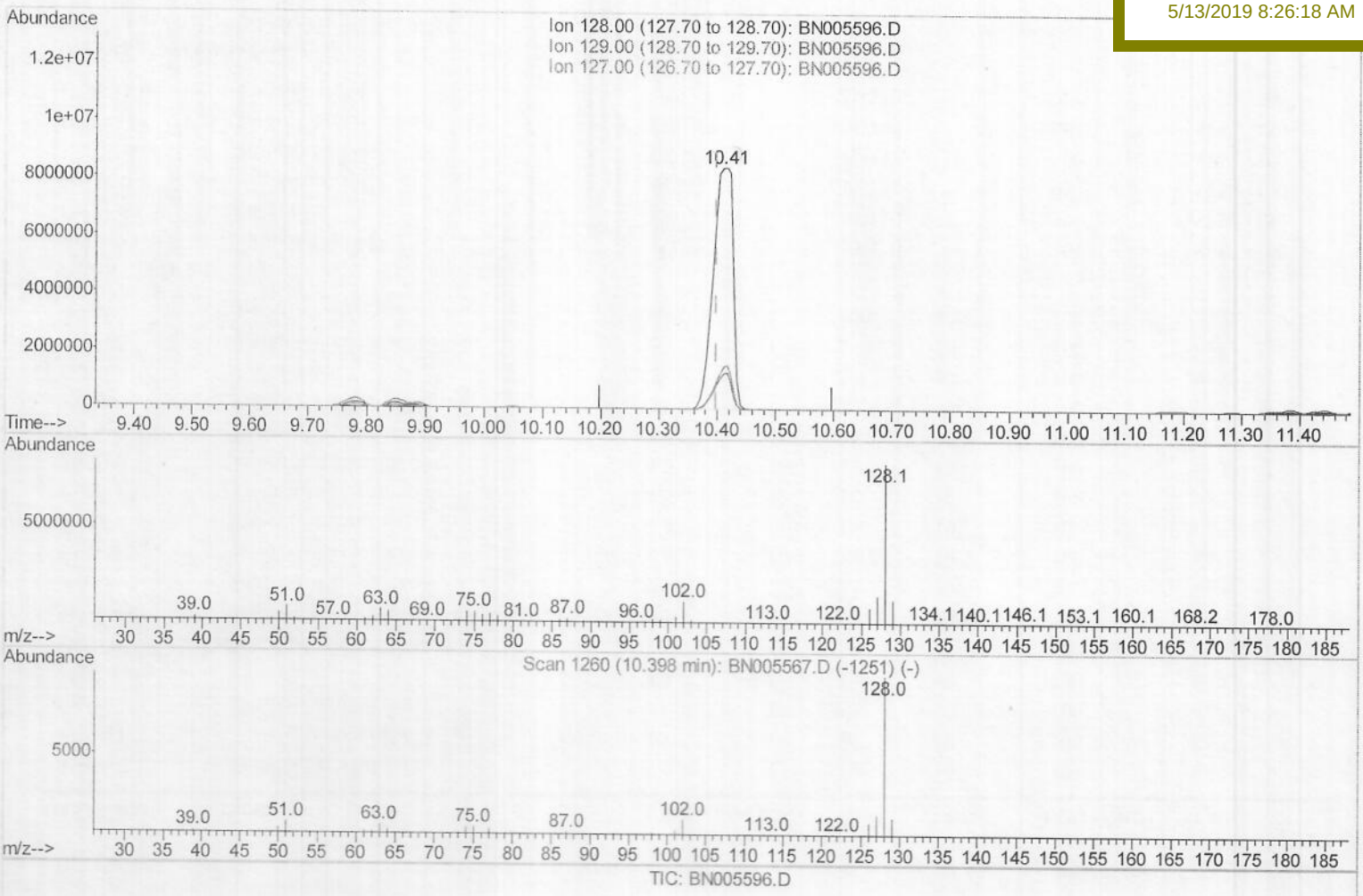

TIC: BN005596.D

(28) Naphthalene

10.410min (+0.012) 553.43ng/ul m

response 19766739

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	14.69#
127.00	13.40	17.44#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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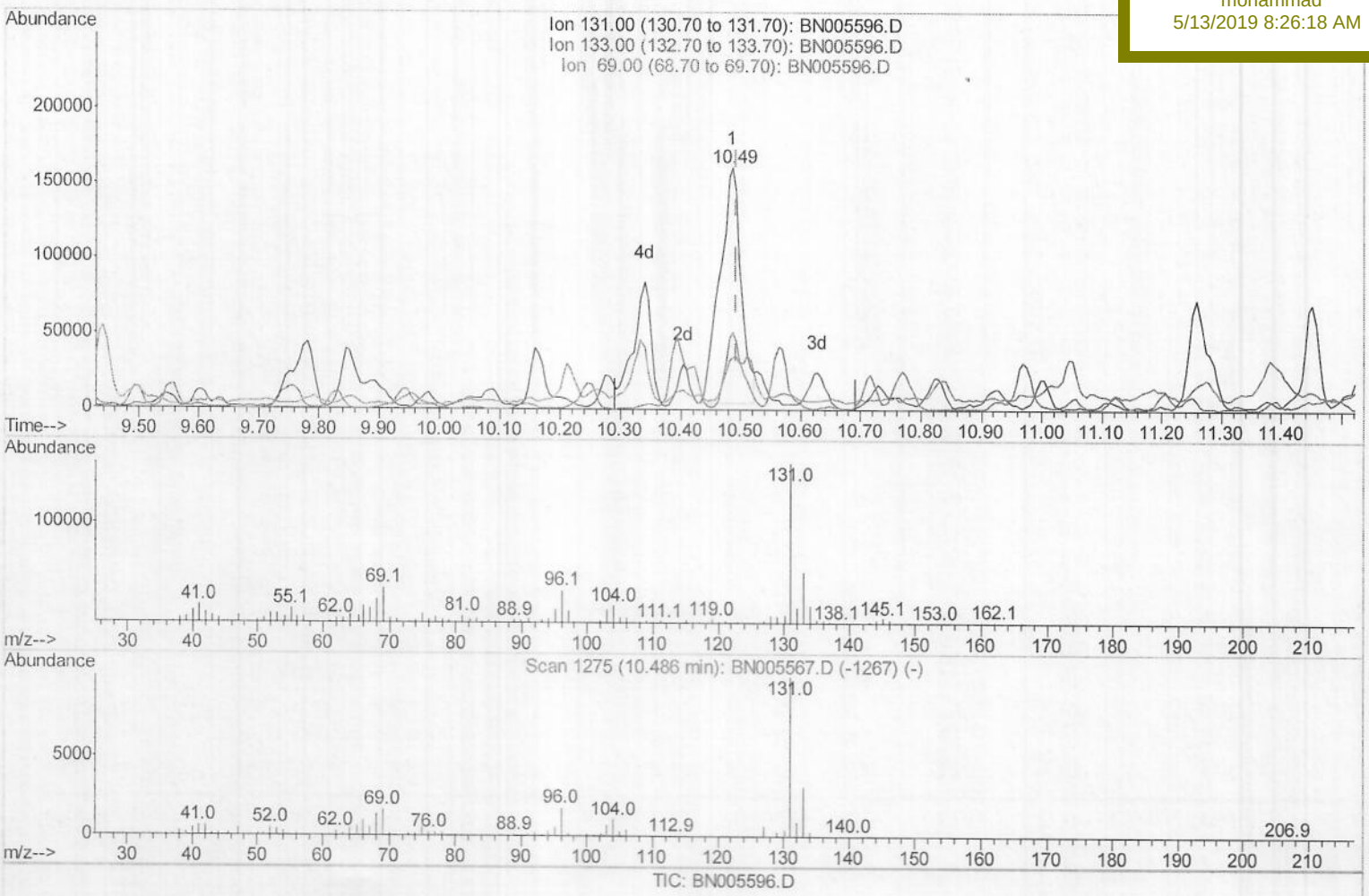

TIC: BN005596.D

(29) 4-Chloroaniline-d4 (S)

10.487min (-0.006) 34.23ng/ul

response 387906

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.86
69.00	18.90	21.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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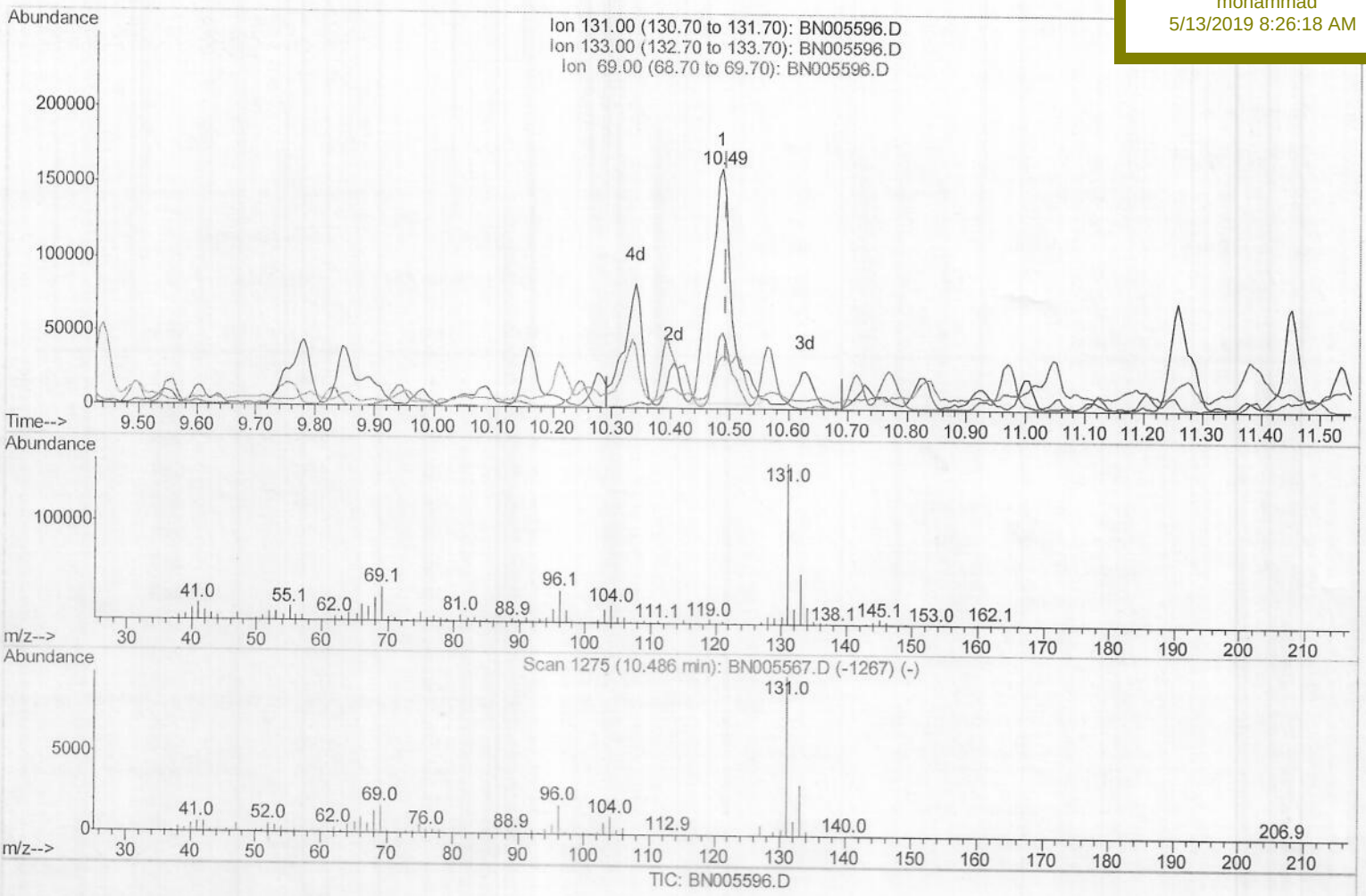
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ71ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:18 AM



TIC: BN005596.D

(29) 4-Chloroaniline-d4 (S)

10.487min (-0.006) 36.49ng/ul m

response 413549

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.86
69.00	18.90	21.57
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Sample : K2603-19ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Tue May 07 05:36:07 2019
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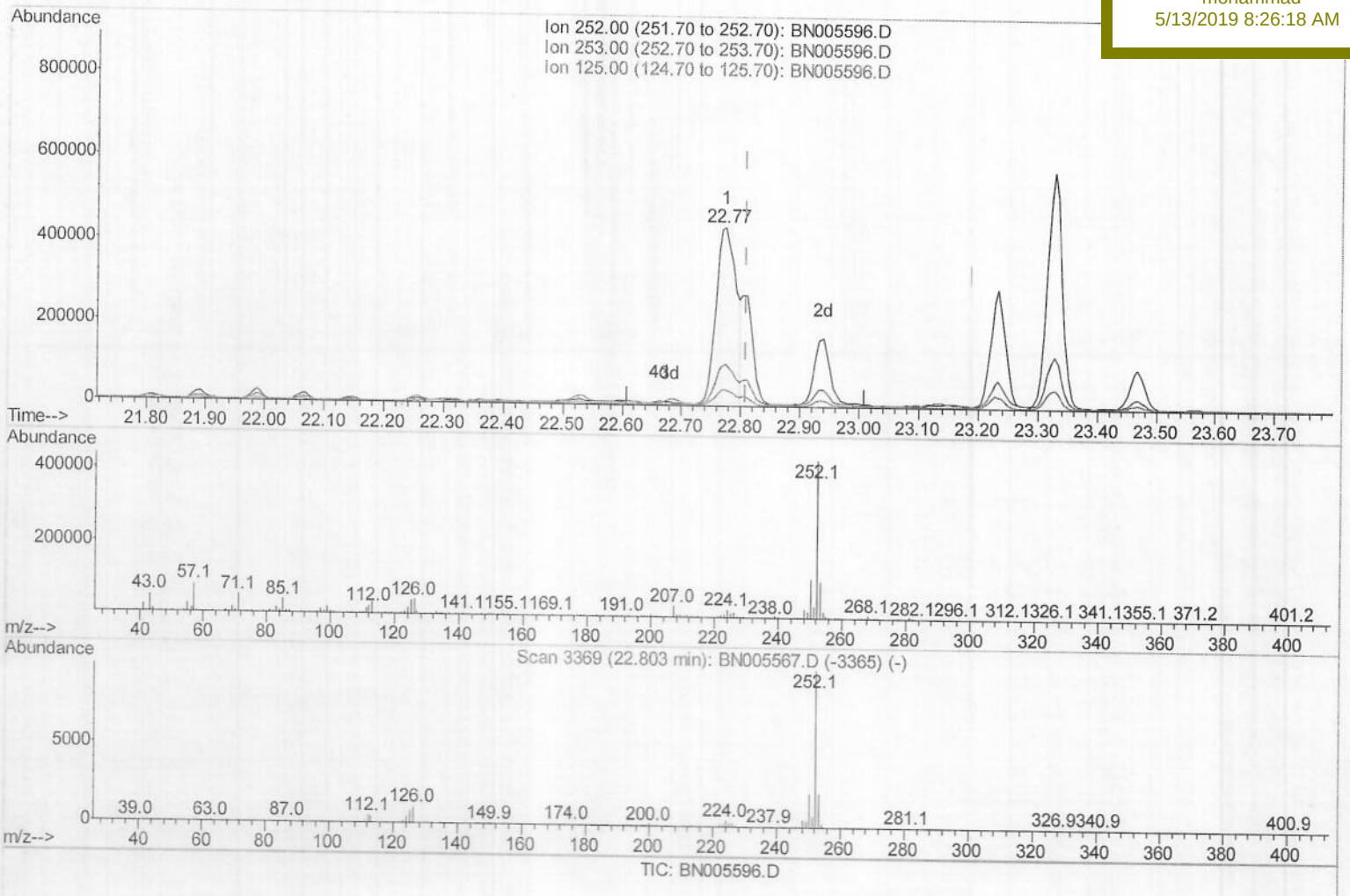
Instrument :
BNA_N
ClientSampleId :
GAJ71ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:18 AM



TIC: BN005596.D

(88) Benzo(k)fluoranthene

22.774min (-0.035) 26.43ng/ul

response 1037795

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.30
125.00	9.40	8.73
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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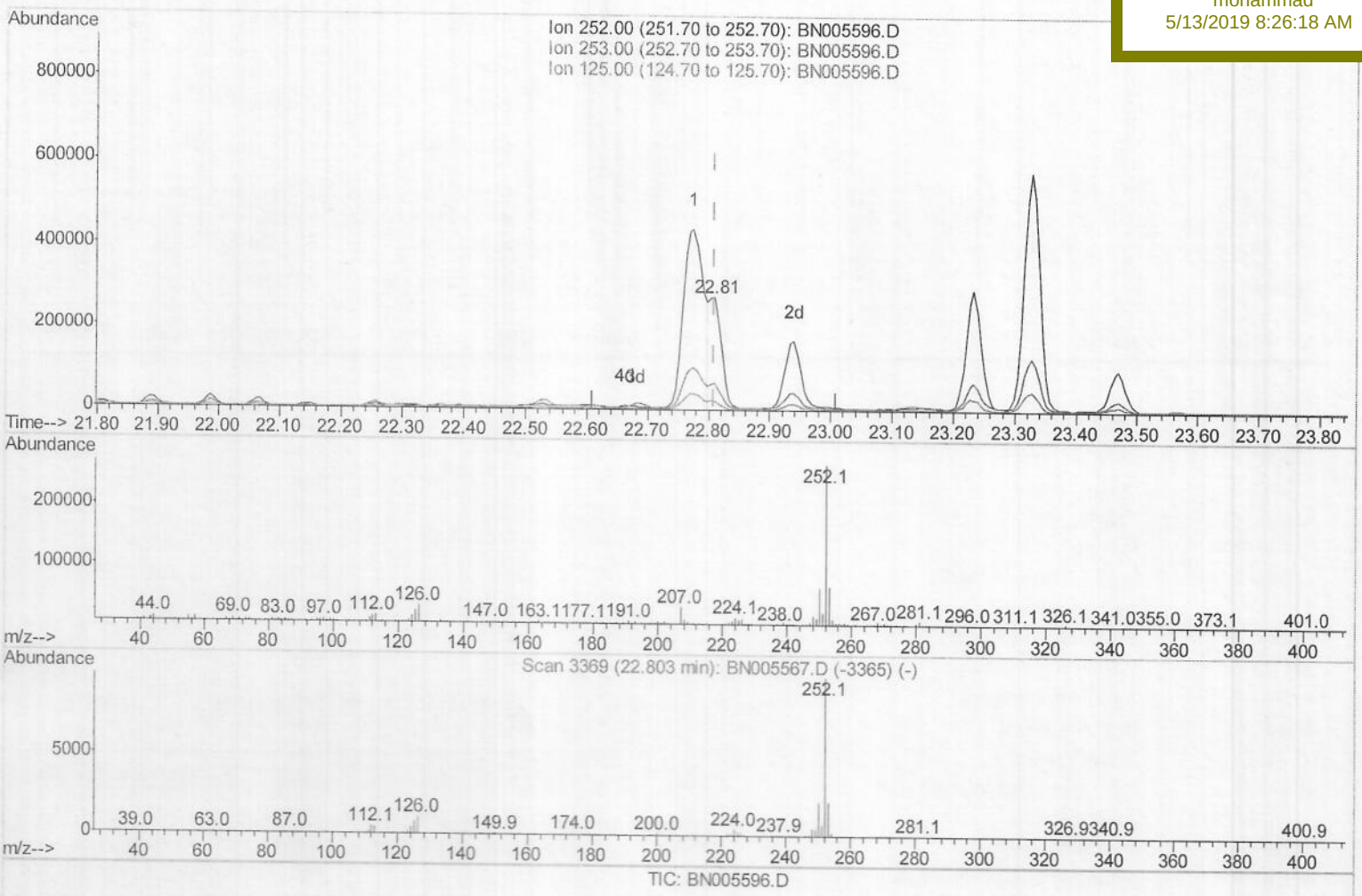

(88) Benzo(k)fluoranthene

22.810min (-0.000) 8.88ng/ul m

response 348652

JU 05/12/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.77
125.00	9.40	7.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU/SJ
Sample : K2603-19ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
GAJ71ME

Manual Integrations APPROVED
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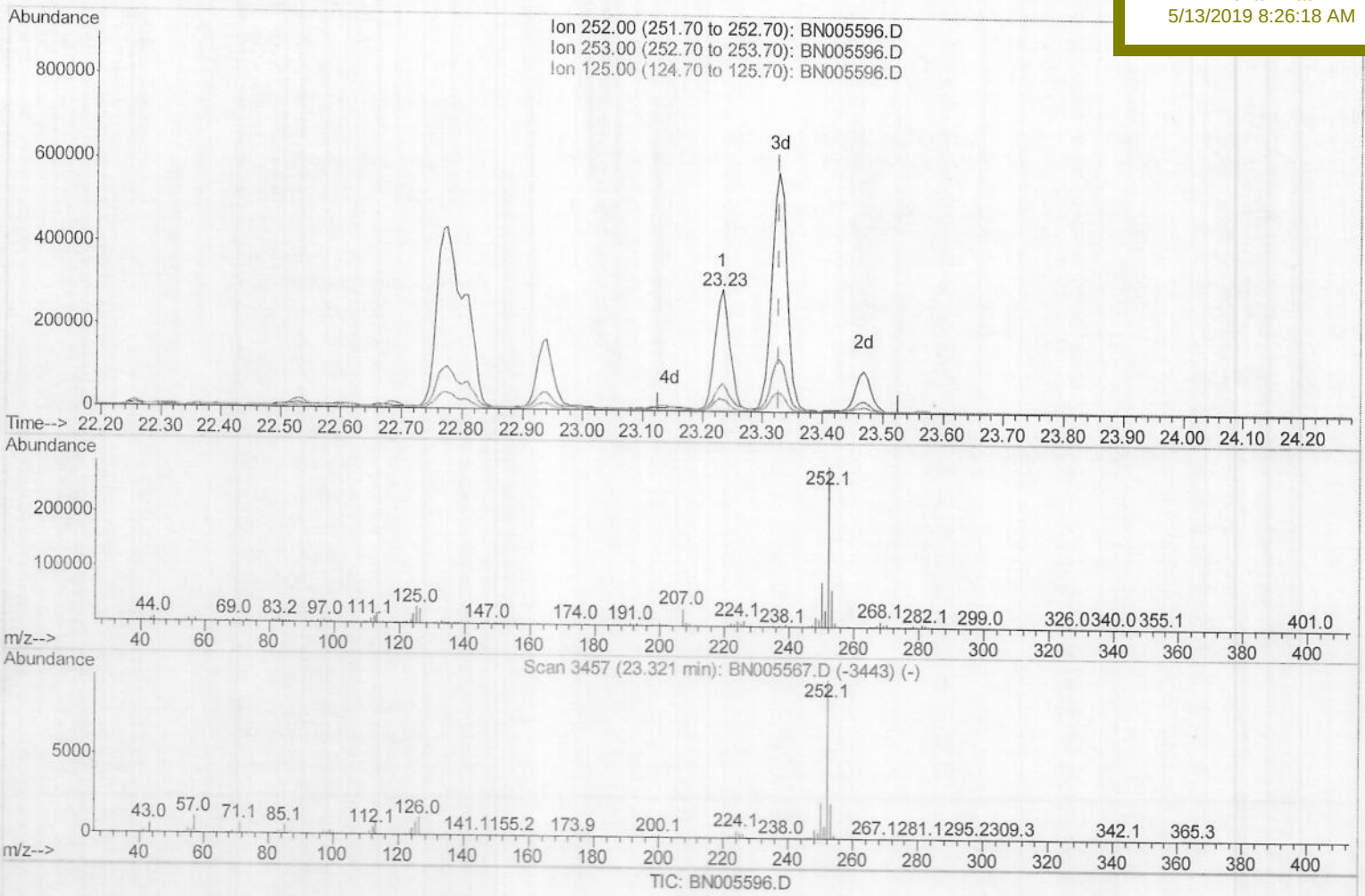

TIC: BN005596.D

(90) Benzo(a)pyrene (C)

23.233min (-0.094) 12.69ng/ul

response 490464

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.91
125.00	10.80	10.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Manual Integrations APPROVED
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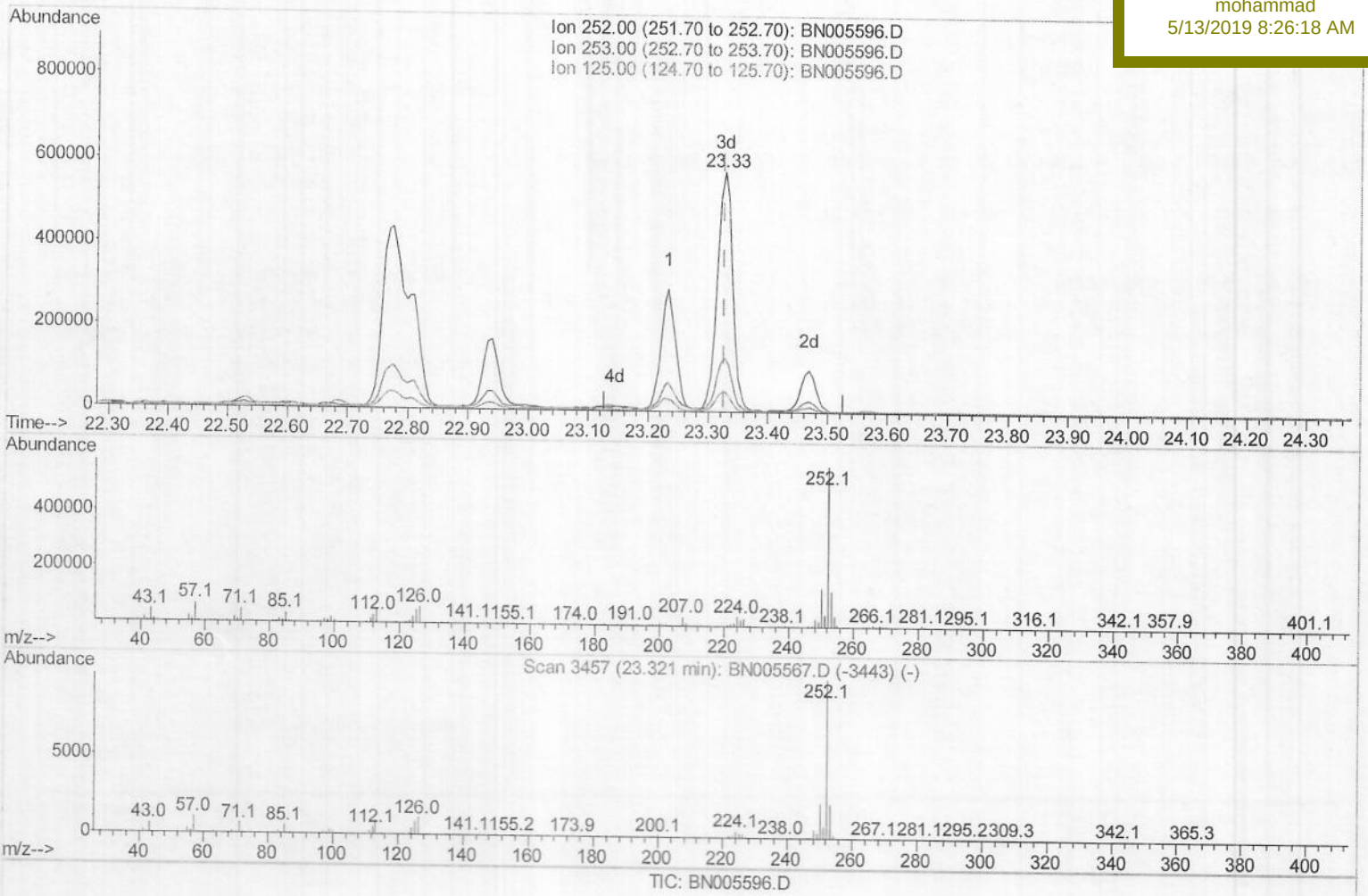

TIC: BN005596.D

(90) Benzo(a)pyrene (C)

23.327min (-0.000) 26.13ng/ul m

response 1009571

JU 05/12/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.21
125.00	10.80	8.33#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	188404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	768299	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	464948	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	919094	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	695783	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	731370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	15087	3.87	ng/uL	0.00
5) Phenol-d5	6.77	99	328714	22.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	194918	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	274581	24.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	272978	23.60	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	153182	32.39	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	169828	35.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	296798	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	413549m	36.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	932868	27.64	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1106756	26.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	104384	19.59	ng/ul	0.00
57) Fluorene-d10	15.22	176	774169	27.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	71657	17.33	ng/ul	0.01
70) Anthracene-d10	17.08	188	1123573	29.16	ng/ul	0.00
78) Pyrene-d10	19.39	212	1114500	31.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	894984	28.00	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	23336	1.533	ng/ul	94
11) 2-Methylphenol	8.03	108	28421	2.492	ng/ul	94
14) Acetophenone	8.38	105	49211m	2.658	ng/ul	
16) 4-Methylphenol	8.35	108	27439	2.228	ng/ul	90
28) Naphthalene	10.41	128	19766739m	553.427	ng/ul	
34) 2-Methylnaphthalene	12.04	142	15477551	591.822	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1622916	46.847	ng/ul#	98
44) Dimethylphthalate	13.68	163	77864	2.315	ng/ul#	97
47) Acenaphthylene	13.95	152	5310493	130.355	ng/ul#	95
49) Acenaphthene	14.29	153	651226	23.415	ng/ul	99
53) Dibenzofuran	14.62	168	1451602	36.251	ng/ul	99
58) Fluorene	15.28	166	3771918	120.717	ng/ul	97
69) Phenanthrene	17.03	178	13802850	308.365	ng/ul	96
71) Anthracene	17.12	178	3107827	68.157	ng/ul	99
74) Carbazole	17.38	167	327113	8.351	ng/ul	97
76) Fluoranthene	19.06	202	4231041	85.219	ng/ul#	95
79) Pyrene	19.42	202	5146590	114.881	ng/ul	95
82) Benzo(a)anthracene	21.20	228	1705301	39.397	ng/ul	93
84) Chrysene	21.25	228	1486441	37.002	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	1037795	25.243	ng/ul	97
88) Benzo(k)fluoranthene	22.81	252	348652m	8.880	ng/ul	
90) Benzo(a)pyrene	23.33	252	1009571m	26.125	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.61	276	406016	9.503	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
92) Dibenzo(a,h)anthracene	25.61	278	133988	3.695 ng/ul#	81
93) Benzo(g,h,i)perylene	26.27	276	349940	9.906 ng/ul	95

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

Instrument :
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