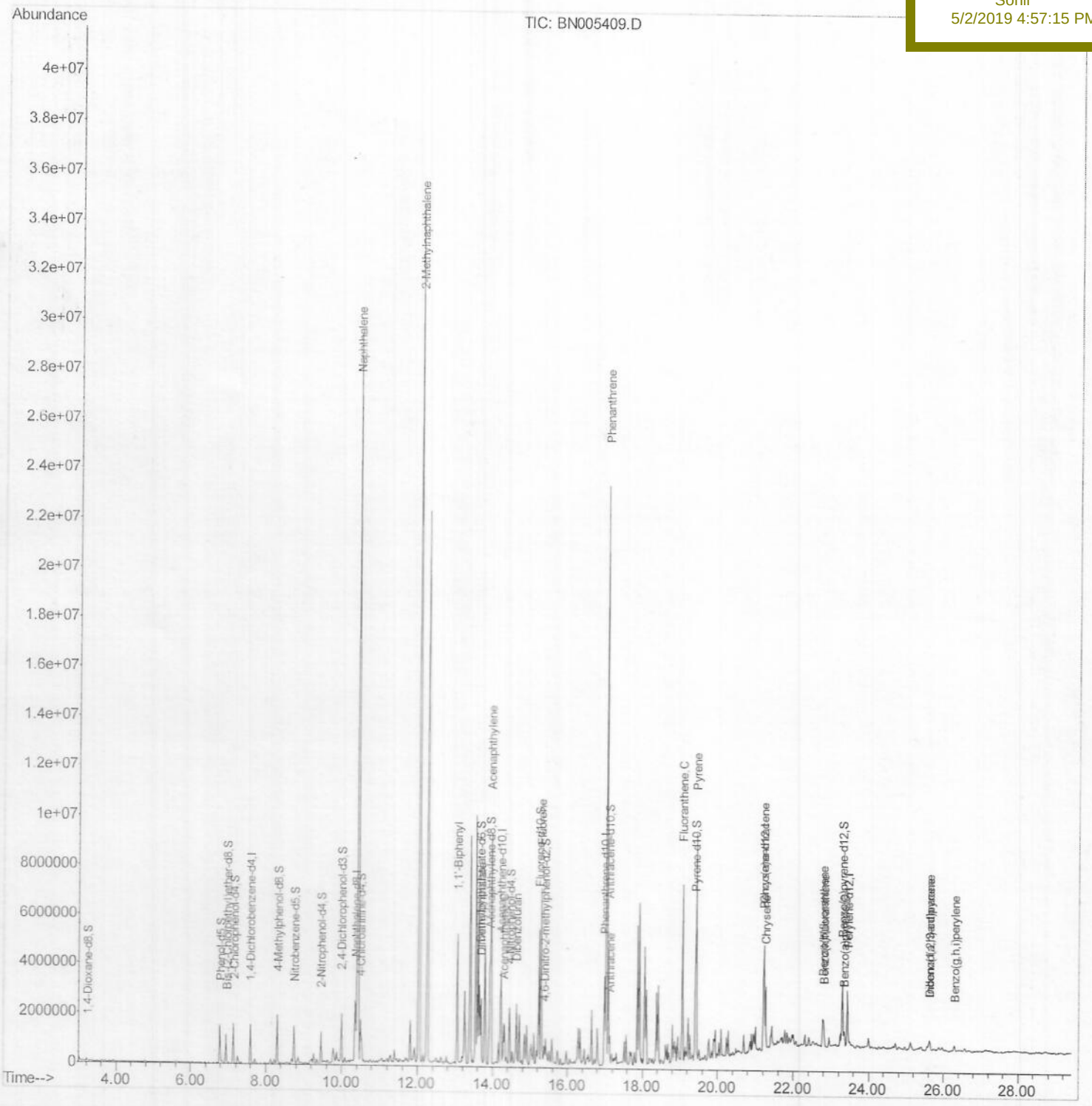
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005409.D
Acq On : 01 May 2019 14:12
Operator : JU/SJ
Sample : K2456-02ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 23:55:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ2ME

Manual Integrations APPROVED
Sohil
5/2/2019 4:57:15 PM



Quantitation Report (Qedit)

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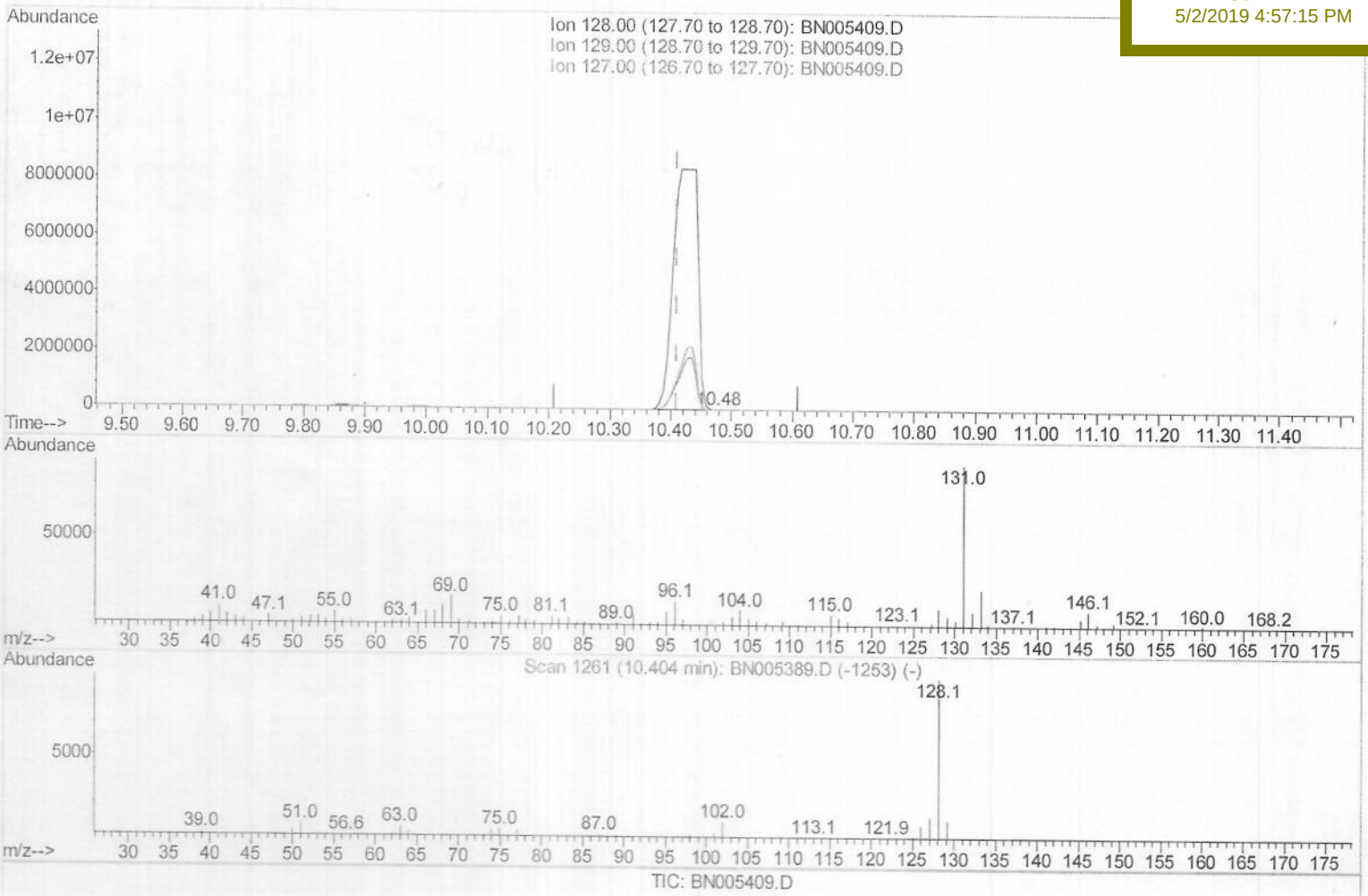

(28) Naphthalene

10.475min (+0.065) 0.12ng/ul

response 10242

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	55.90#
127.00	13.40	19.84#
0.00	0.00	0.00

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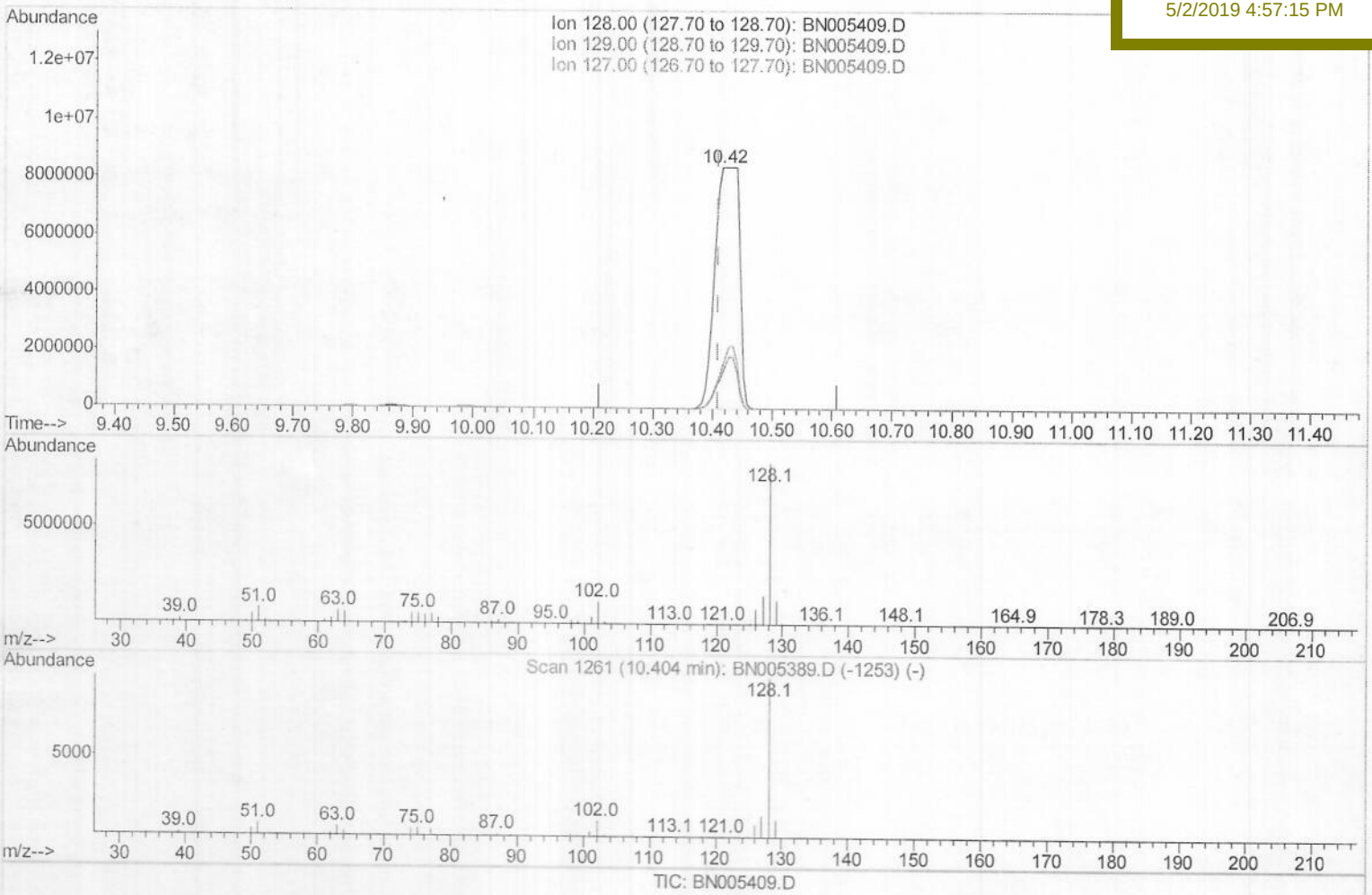
Sohil
5/2/2019 4:57:15 PM



(28) Naphthalene

10.416min (+0.006) 280.68ng/ul m

response 23538119

SJ 05/03/19

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	15.17#
127.00	13.40	17.80#
0.00	0.00	0.00

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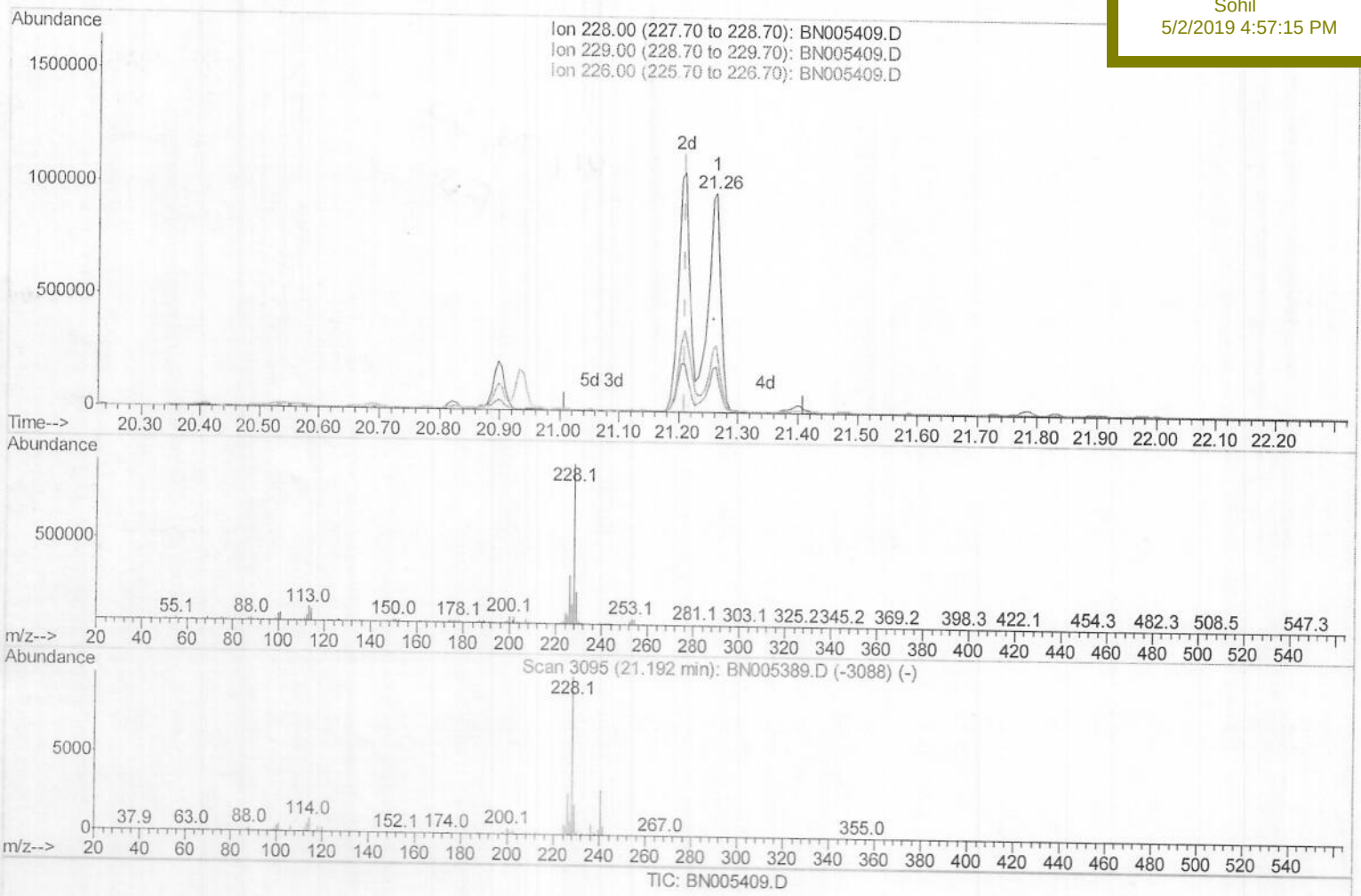
Manual Integrations APPROVED
Sohil
5/2/2019 4:57:15 PM



TIC: BN005409.D

(82) Benzo(a)anthracene

21.263min (+0.053) 14.74ng/ul

response 1422974

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.22
226.00	26.80	30.47
0.00	0.00	0.00

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BNA_N
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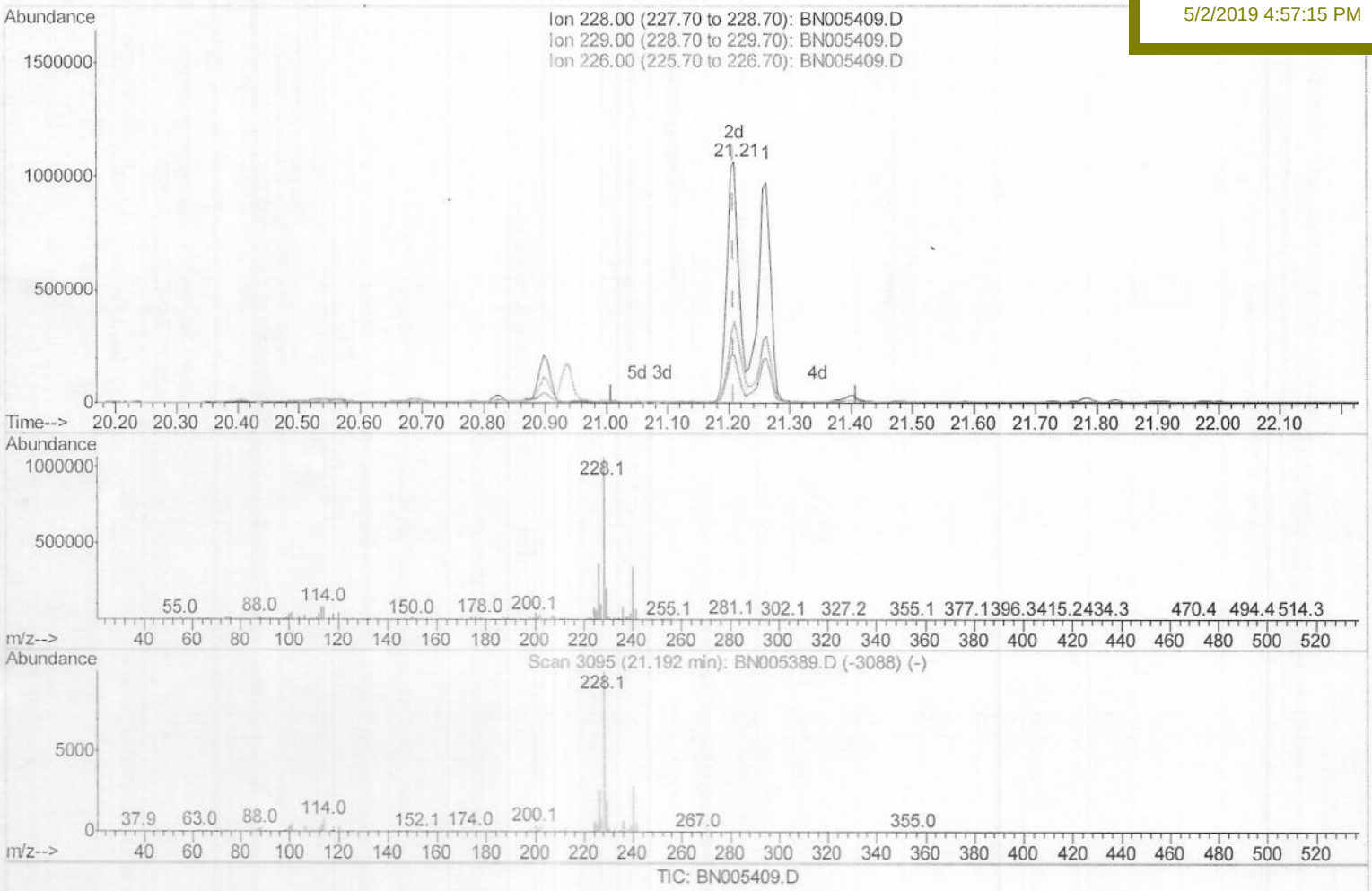
Manual Integrations APPROVED
Sohil
5/2/2019 4:57:15 PM



TIC: BN005409.D

(82) Benzo(a)anthracene

21.210min (+0.000) 15.08ng/ul m

response 1455284

SJ 05/03/19

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.18
226.00	26.80	34.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

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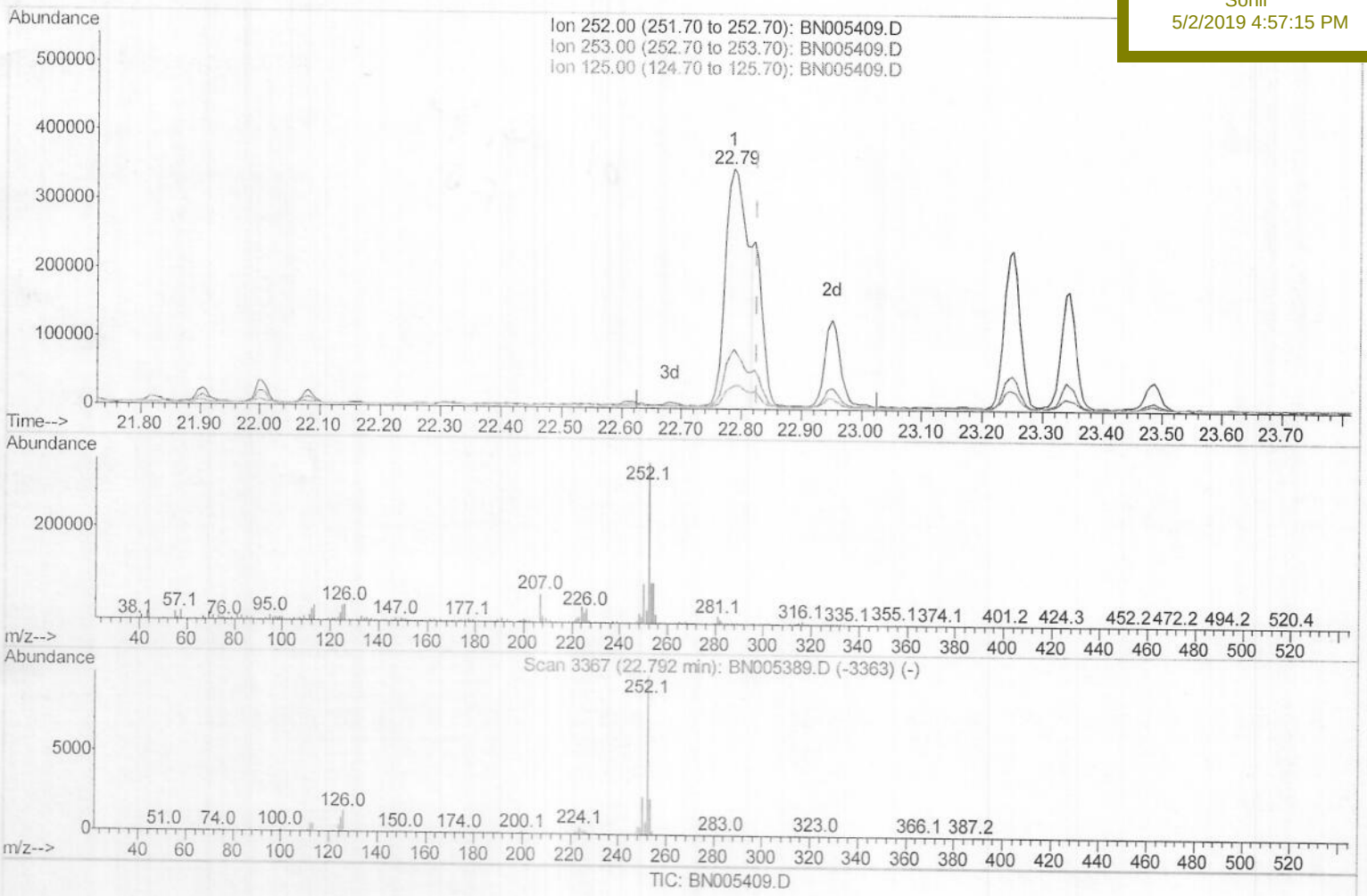
Manual Integrations APPROVED
Sohil
5/2/2019 4:57:15 PM



TIC: BN005409.D

(88) Benzo(k)fluoranthene

22.786min (-0.041) 10.76ng/ul

response 894566

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.14
125.00	9.40	9.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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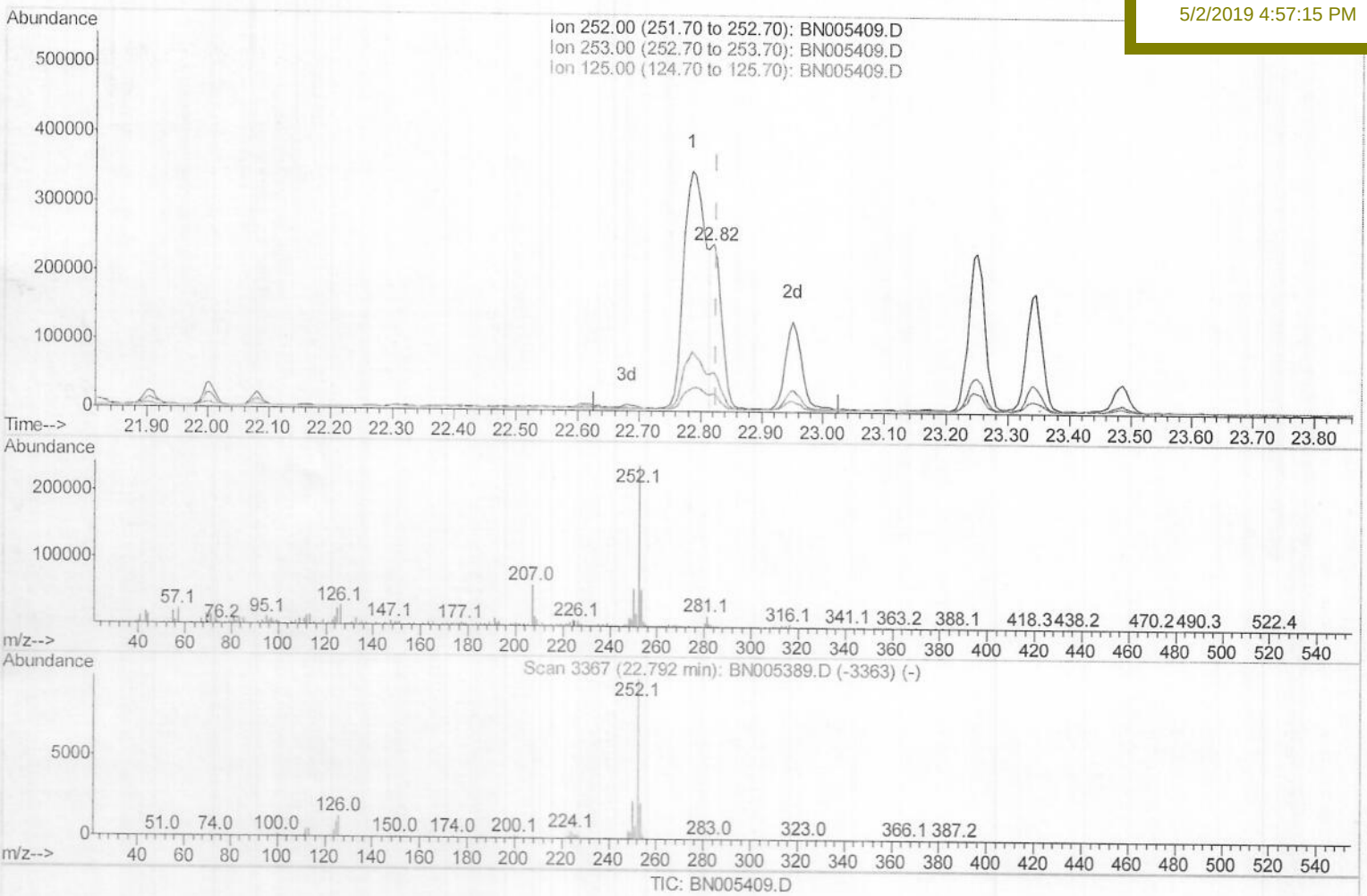
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ2ME

Manual Integrations APPROVED
Sohil
5/2/2019 4:57:15 PM



TIC: BN005409.D

(88) Benzo(k)fluoranthene

22.821min (-0.006) 3.10ng/ul m

response 257933

SJ 05/03/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.50
125.00	9.40	10.54
0.00	0.00	0.00

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Instrument : BNA_N
ClientSampleId : GAHQ2ME

Manual Integrations APPROVED
Sohil
5/2/2019 4:57:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	427073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1803945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1093431	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2312462	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1551744	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	1548427	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	38137	4.31	ng/uL	0.00
5) Phenol-d5	6.78	99	860305	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	501771	23.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	717584	27.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	703936	26.85	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	364642	32.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	404321	35.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	741139	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	928011	34.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2110774	26.59	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2654511	27.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	321876	25.68	ng/ul	0.02
57) Fluorene-d10	15.23	176	1839222	27.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	100895	9.70	ng/ul	0.02
70) Anthracene-d10	17.09	188	2656753	27.41	ng/ul	0.00
78) Pyrene-d10	19.40	212	2630048	33.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1930952	28.53	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.42	128	23538119m	280.675	ng/ul	
34) 2-Methylnaphthalene	12.05	142	20211739	329.154	ng/ul	91
40) 1,1'-Biphenyl	13.06	154	2385979	29.286	ng/ul	99
44) Dimethylphthalate	13.69	163	510227	6.451	ng/ul	100
47) Acenaphthylene	13.95	152	5178715	54.054	ng/ul#	97
49) Acenaphthene	14.29	153	590325	9.026	ng/ul	99
53) Dibenzofuran	14.63	168	620639	6.591	ng/ul	97
58) Fluorene	15.29	166	3296718	44.864	ng/ul	98
69) Phenanthrene	17.03	178	14614566	129.768	ng/ul	96
71) Anthracene	17.12	178	718604	6.264	ng/ul	99
76) Fluoranthene	19.06	202	3980140	31.862	ng/ul	97
79) Pyrene	19.43	202	5536208	55.411	ng/ul	95
82) Benzo(a)anthracene	21.21	228	1455284m	15.075	ng/ul	
84) Chrysene	21.26	228	1422941	15.882	ng/ul	99
87) Benzo(b)fluoranthene	22.79	252	894566	10.277	ng/ul	95
88) Benzo(k)fluoranthene	22.82	252	257933m	3.103	ng/ul	
90) Benzo(a)pyrene	23.34	252	296674	3.626	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.62	276	348307	3.851	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.62	278	111637	1.454	ng/ul	99
93) Benzo(g,h,i)perylene	26.29	276	257654	3.445	ng/ul	97

SJ 05/03/19

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