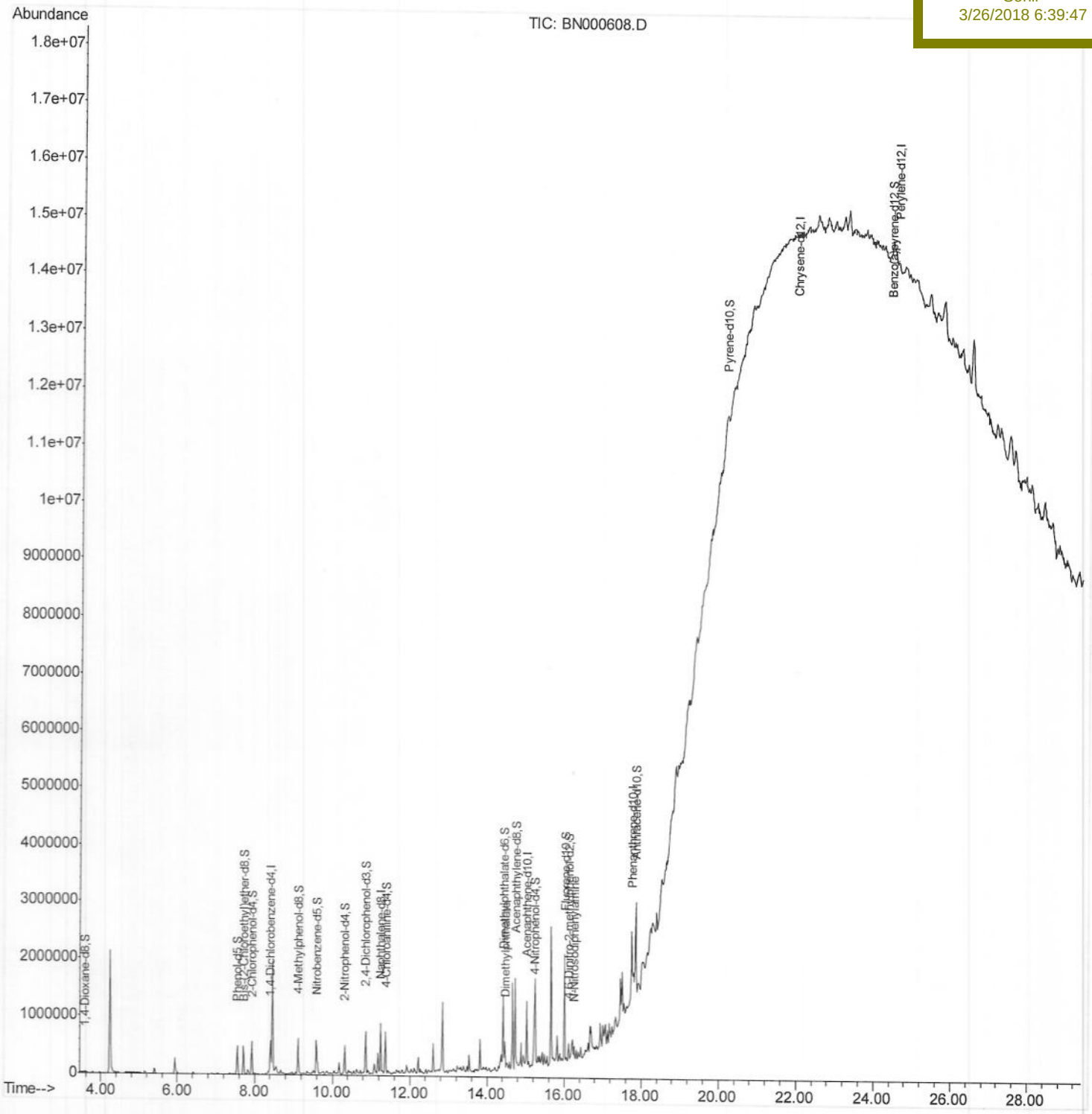
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000608.D
Acq On : 24 Mar 2018 08:36
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 02:00:49 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



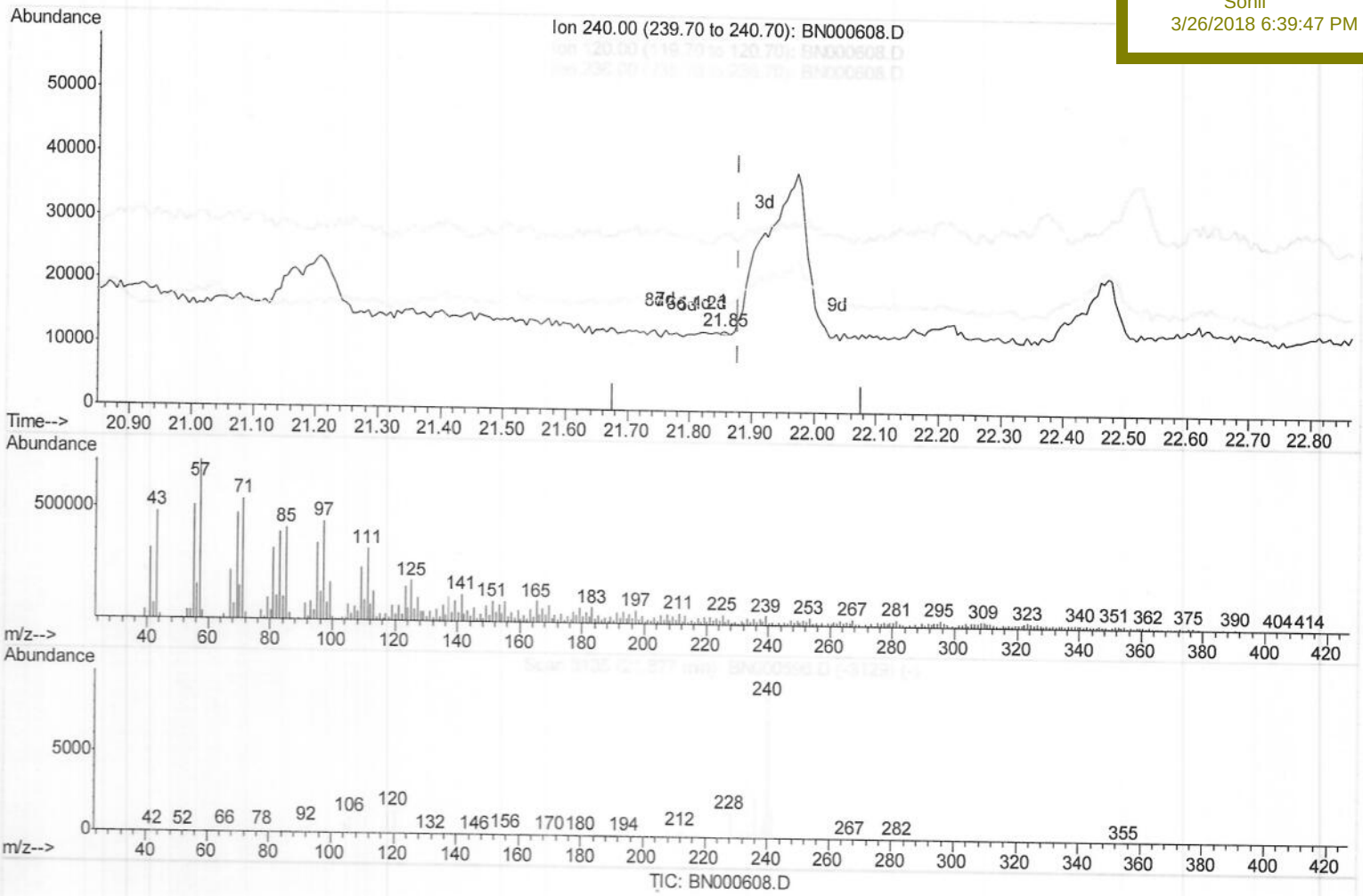
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000608.D
Acq On : 24 Mar 2018 08:36
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:27:43 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



(75) Chrysene-d12 (I)

21.854min (-0.023) 20.00ng/ul

response 265

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	223.73#
236.00	25.10	132.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

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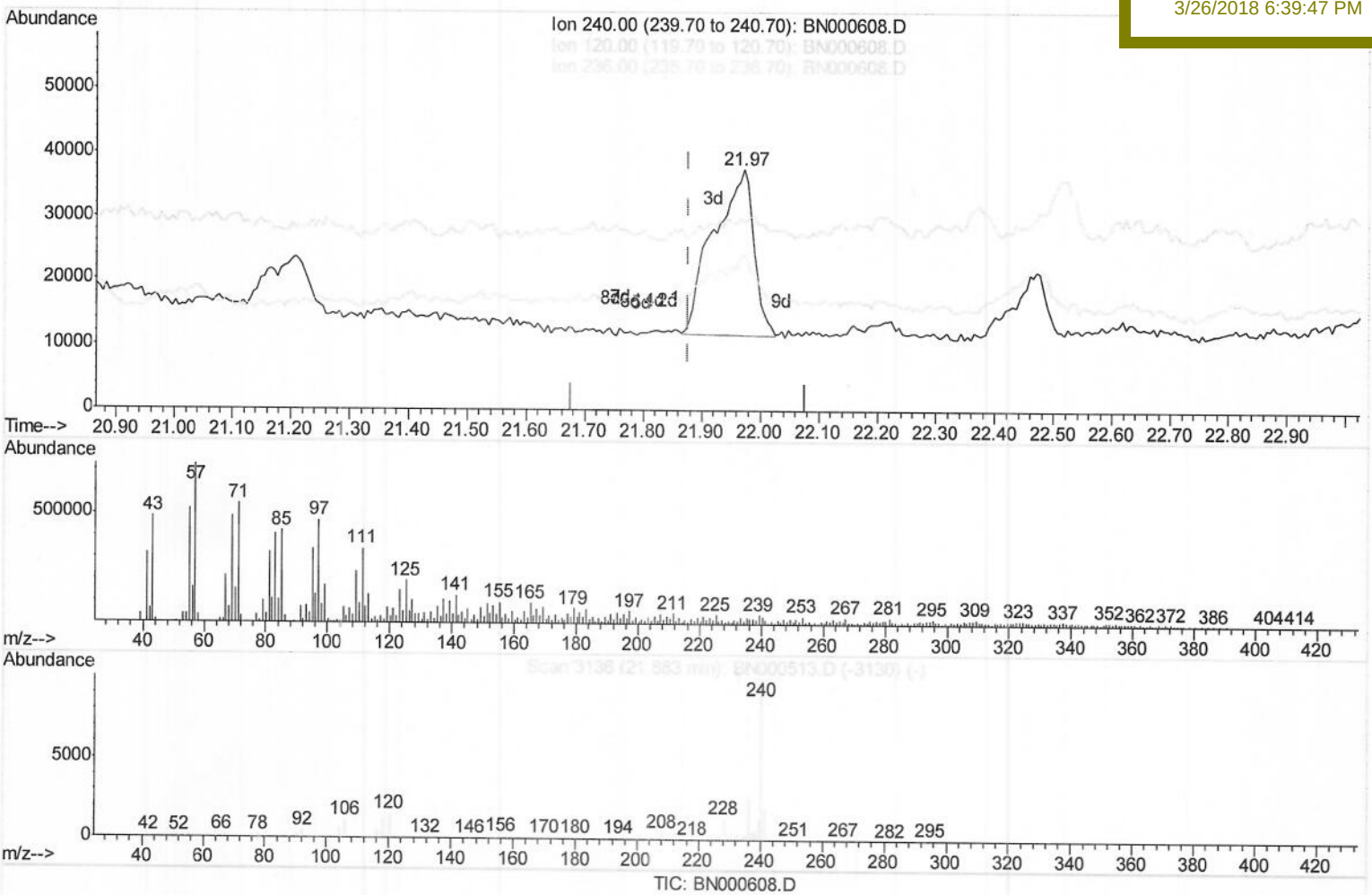
Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



TIC: BN000608.D

(75) Chrysene-d12 (I)

21.972min (+0.094) 20.00ng/ul m) ST 3/26/18

response 123543

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	77.96#
236.00	25.10	63.92#
0.00	0.00	0.00

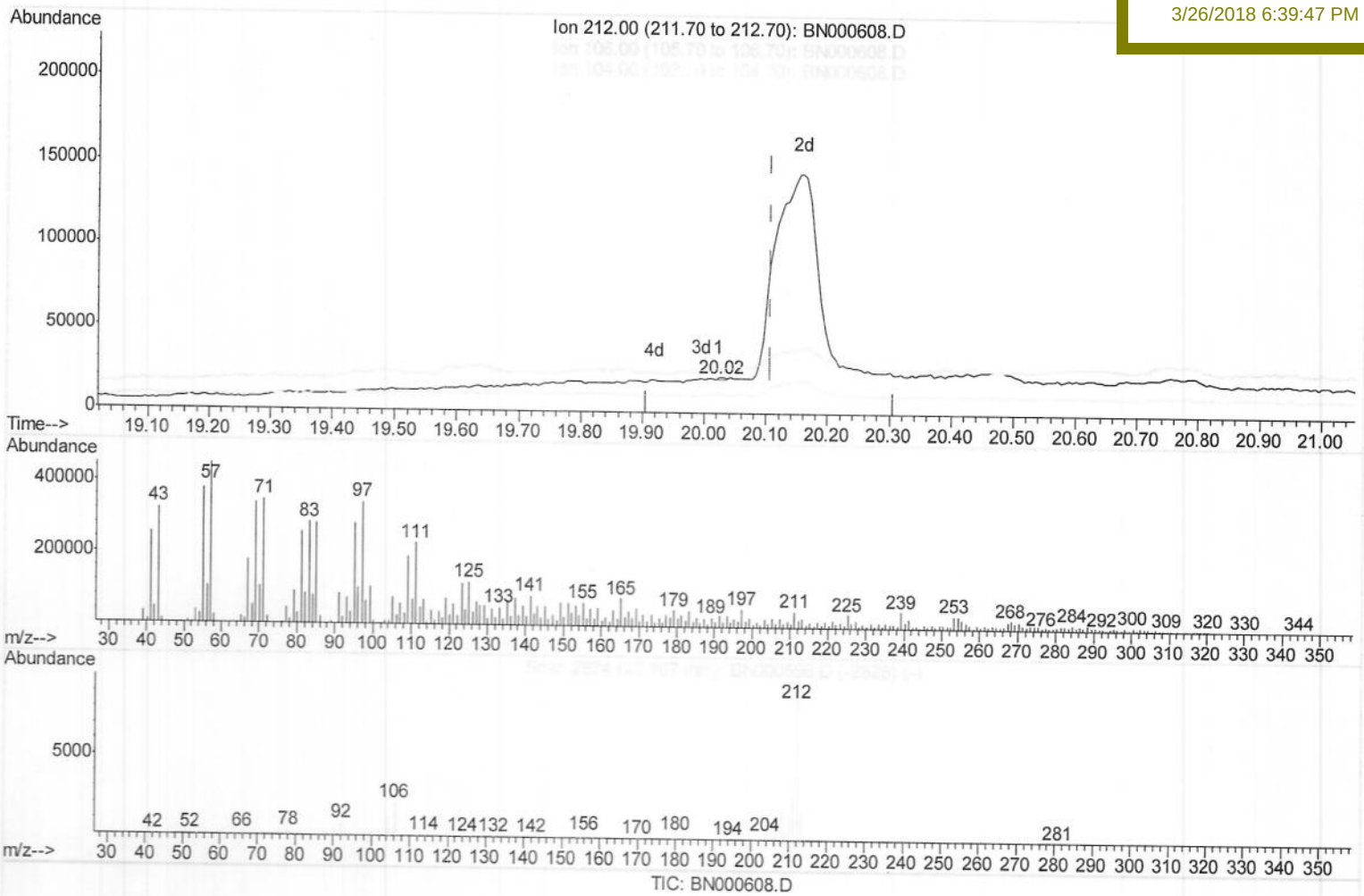
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000608.D
Acq On : 24 Mar 2018 08:36
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:56:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



(76) Pyrene-d10 (S)

20.025min (-0.082) 0.13ng/ul

response 898

Ion	Exp%	Act%
212.00	100	100
106.00	10.00	126.29#
104.00	6.70	52.80#
0.00	0.00	0.00

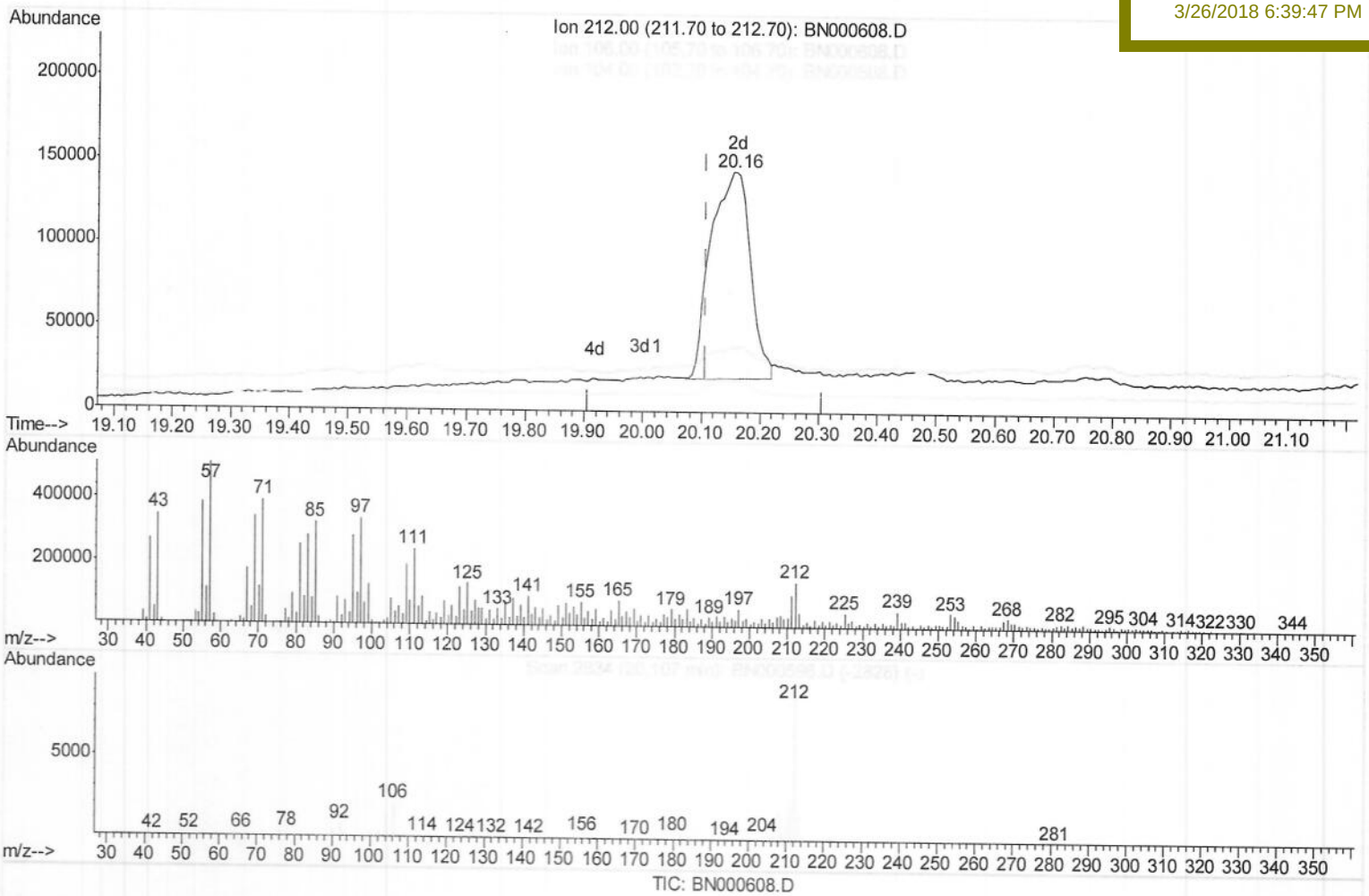
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000608.D
Acq On : 24 Mar 2018 08:36
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:56:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



TIC: BN000608.D

(76) Pyrene-d10 (S)

20.160min (+0.053) 84.84ng/ul m JSJ 3/26/18

response 578627

Ion	Exp%	Act%
212.00	100	100
106.00	10.00	26.58#
104.00	6.70	12.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 24 Mar 2018 08:36
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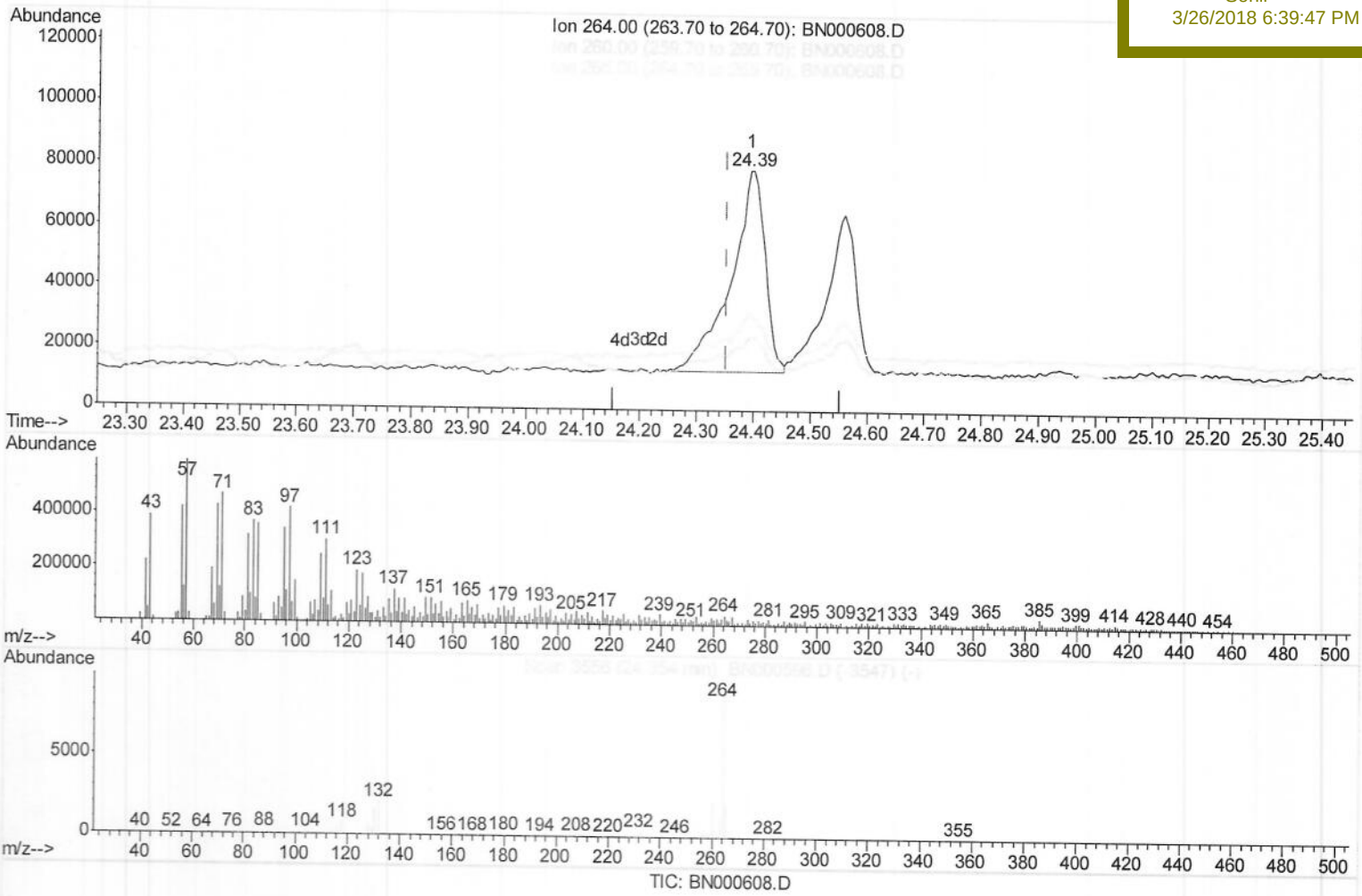
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:56:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



TIC: BN000608.D

(83) Perylene-d12 (I)

24.395min (+0.041) 20.00ng/ul

response 278511

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	30.71#
265.00	22.40	40.40#
0.00	0.00	0.00

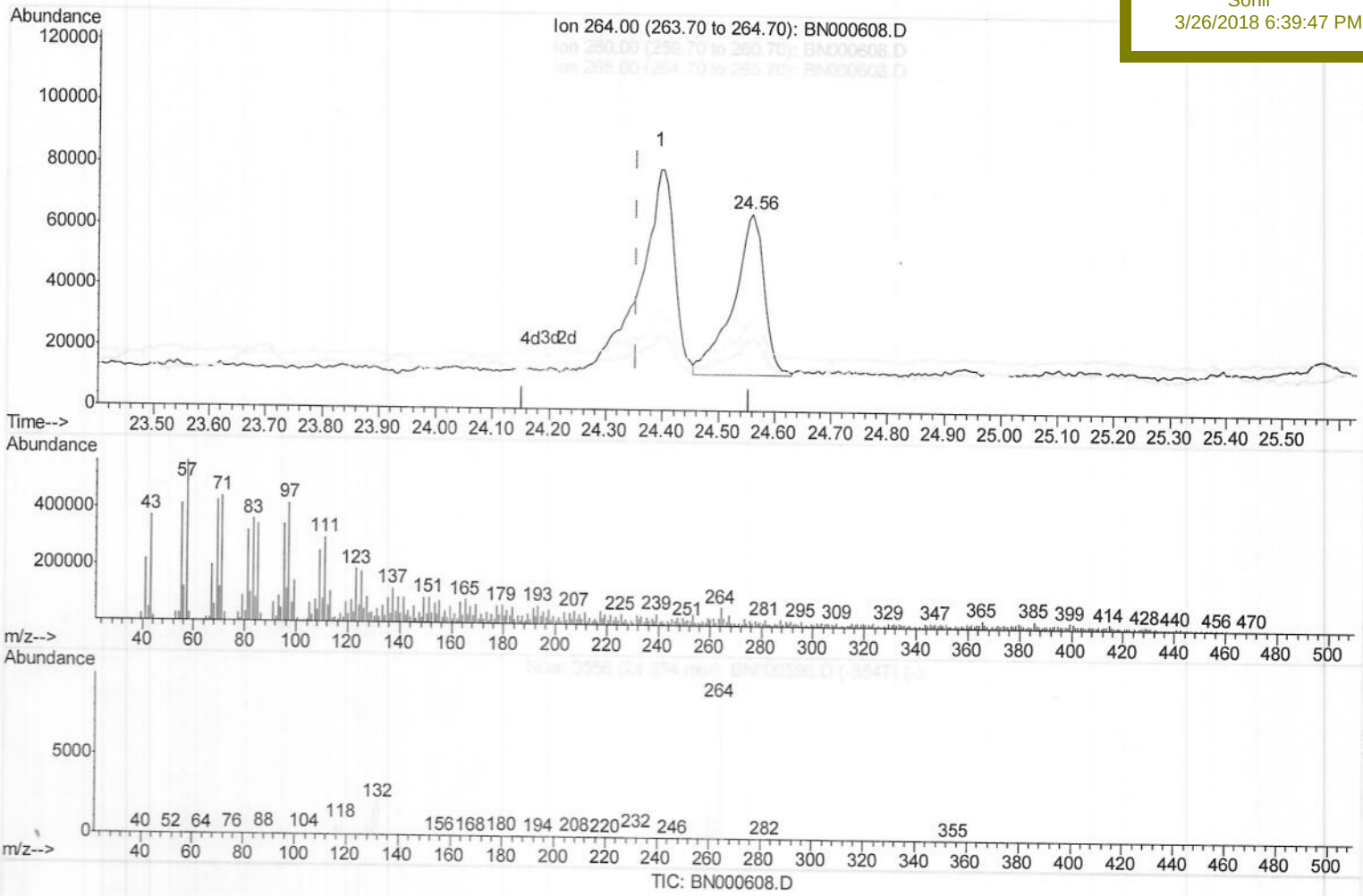
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000608.D
Acq On : 24 Mar 2018 08:36
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:56:19 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



(83) Perylene-d12 (I)

24.560min (+0.206) 20.00ng/ul m) SJ 3/26/18

response 203892

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	35.92#
265.00	22.40	45.24#
0.00	0.00	0.00

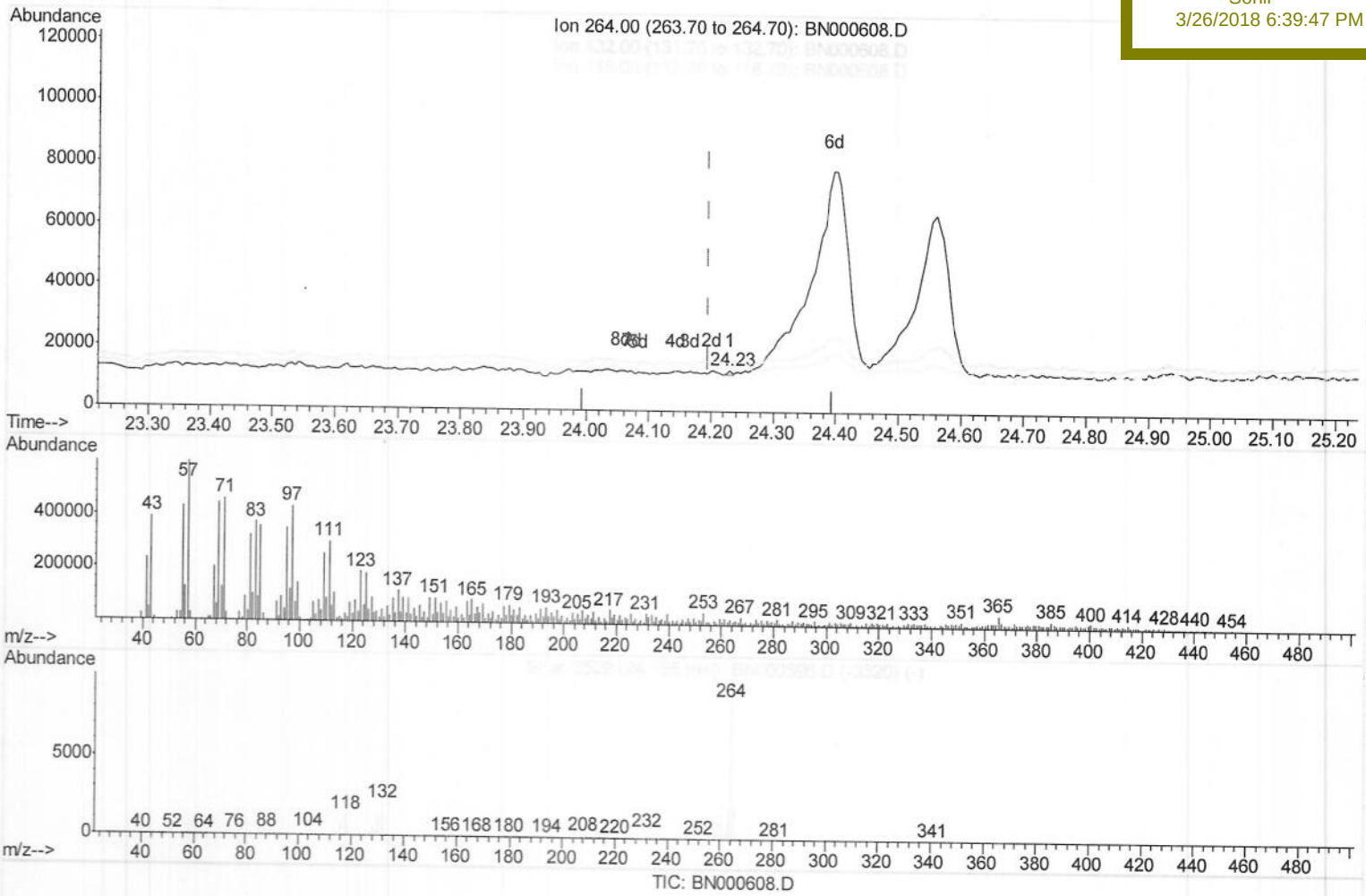
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000608.D
Acq On : 24 Mar 2018 08:36
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:57:53 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



TIC: BN000608.D

(87) Benzo(a)pyrene-d12 (S)

24.230min (+0.035) 0.07ng/ul

response 706

Ion	Exp%	Act%
264.00	100	100
132.00	10.70	117.42#
118.00	6.10	109.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

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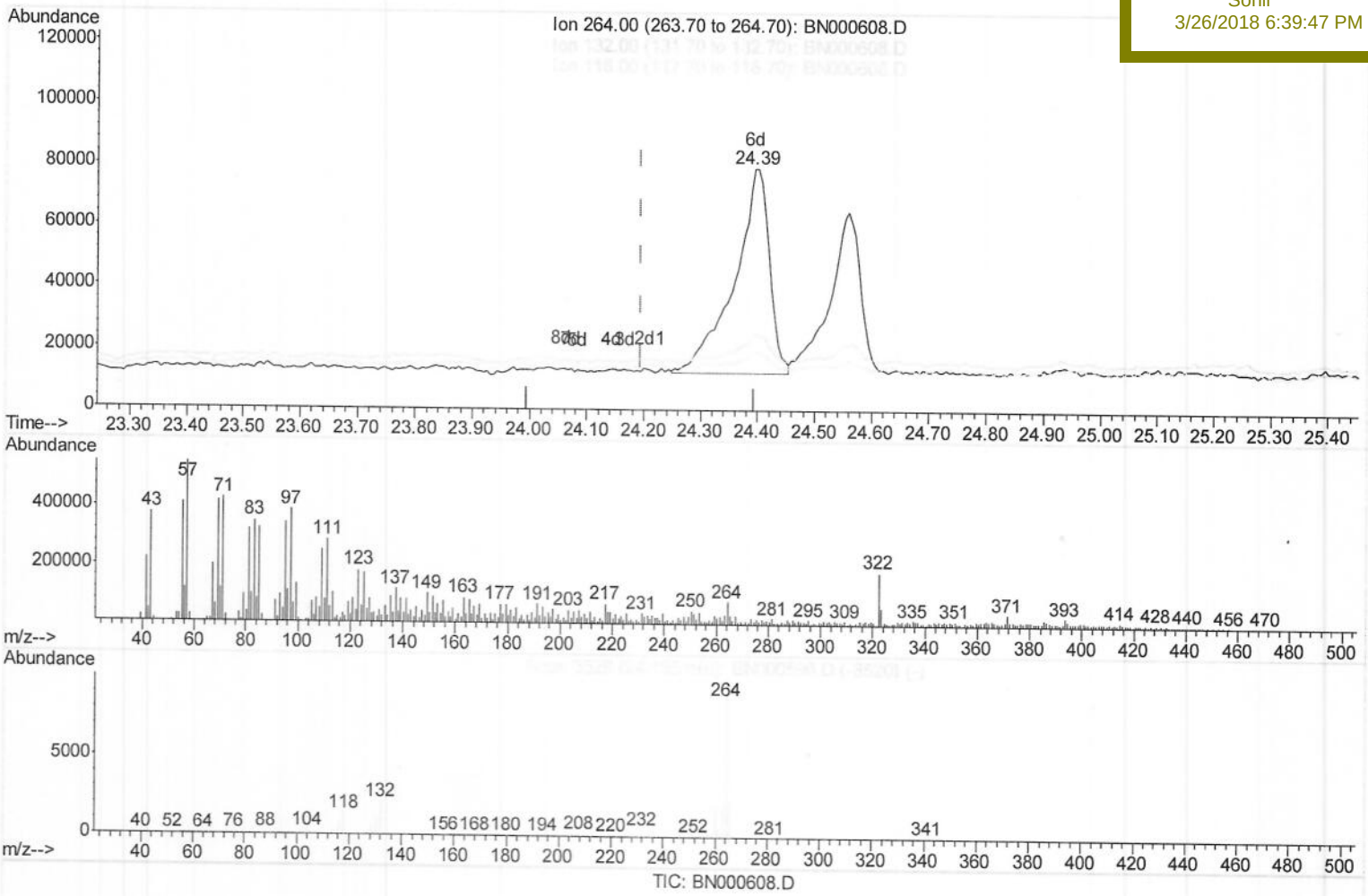
Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 26 01:57:53 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM



(87) Benzo(a)pyrene-d12 (S)

24.395min (+0.200) 29.82ng/ul m) SJ 3/26/18

response 286923

Ion	Exp%	Act%
264.00	100	100
132.00	10.70	31.55#
118.00	6.10	24.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : JU/SJ
Sample : J1969-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

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QLast Update : Mon Mar 26 01:26:45 2018
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Instrument : BNA_N
ClientSampleId : C0AB0

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	161118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	694165	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	349186	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	601066	20.00	ng/ul	0.00
75) Chrysene-d12	21.97	240	123543m	20.00	ng/ul	0.09
83) Perylene-d12	24.56	264	203892m	20.00	ng/ul	0.21

SJ 3/26/18

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	12053	2.67	ng/uL	0.00
5) Phenol-d5	7.55	99	311712	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	218592	25.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	267207	23.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	242944	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	142053	25.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	155741	26.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	266746	25.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	334371	31.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	828671	30.04	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	1104215	30.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	67505	13.18	ng/ul	0.00
57) Fluorene-d10	16.01	176	674570	28.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	47123	13.69	ng/ul	0.00
70) Anthracene-d10	17.85	188	873997	30.25	ng/ul	0.00
76) Pyrene-d10	20.16	212	578627m	84.84	ng/ul	0.05
87) Benzo(a)pyrene-d12	24.39	264	286923m	29.82	ng/ul	0.20

SJ 3/26/18

Target Compounds						Qvalue
44) Dimethylphthalate	14.46	163	136654	5.008	ng/ul	98
64) N-Nitrosodiphenylamine	16.26	169	44528	2.249	ng/ul	96

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