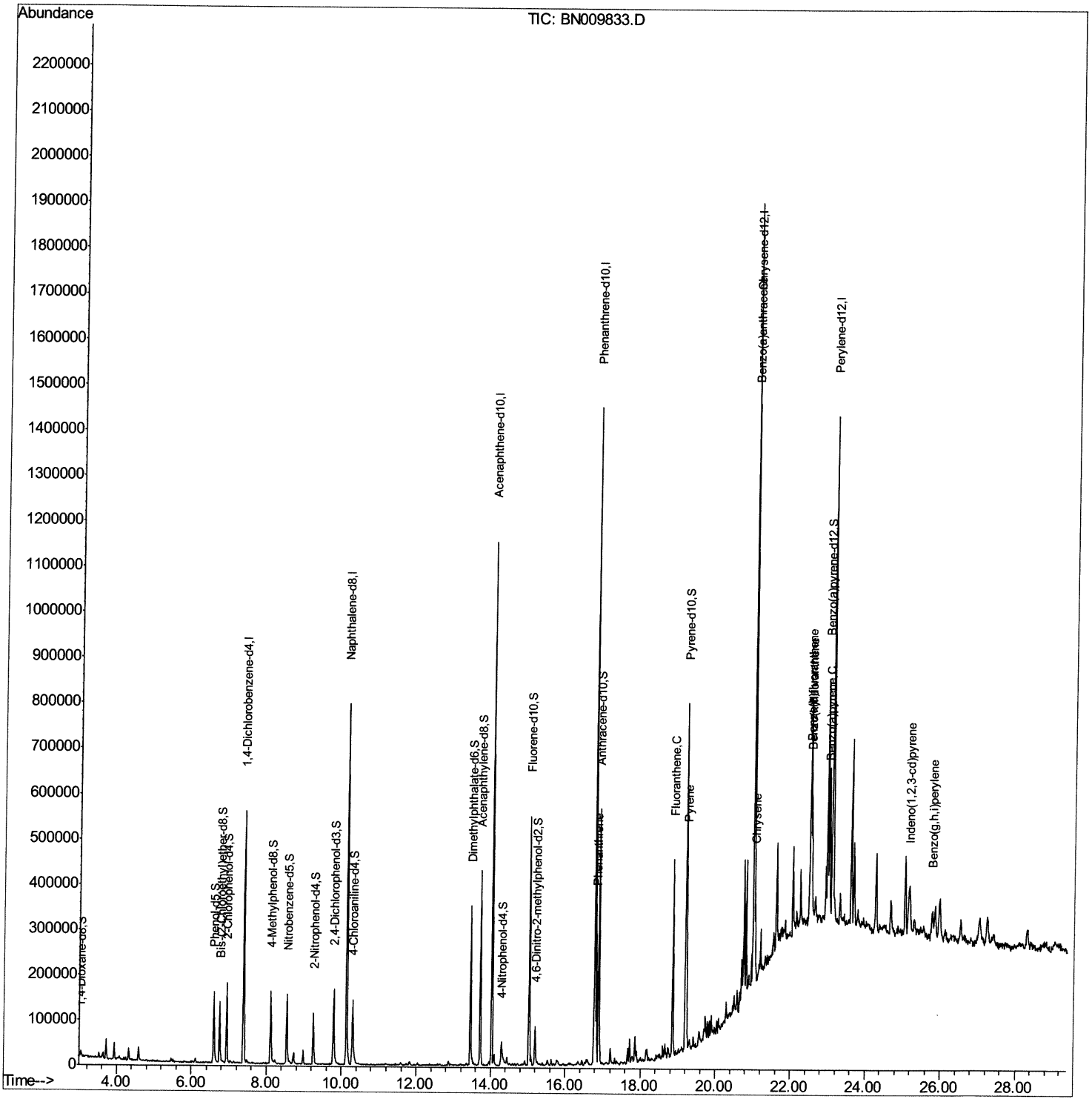
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 24 00:48:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6R4

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:48 PM



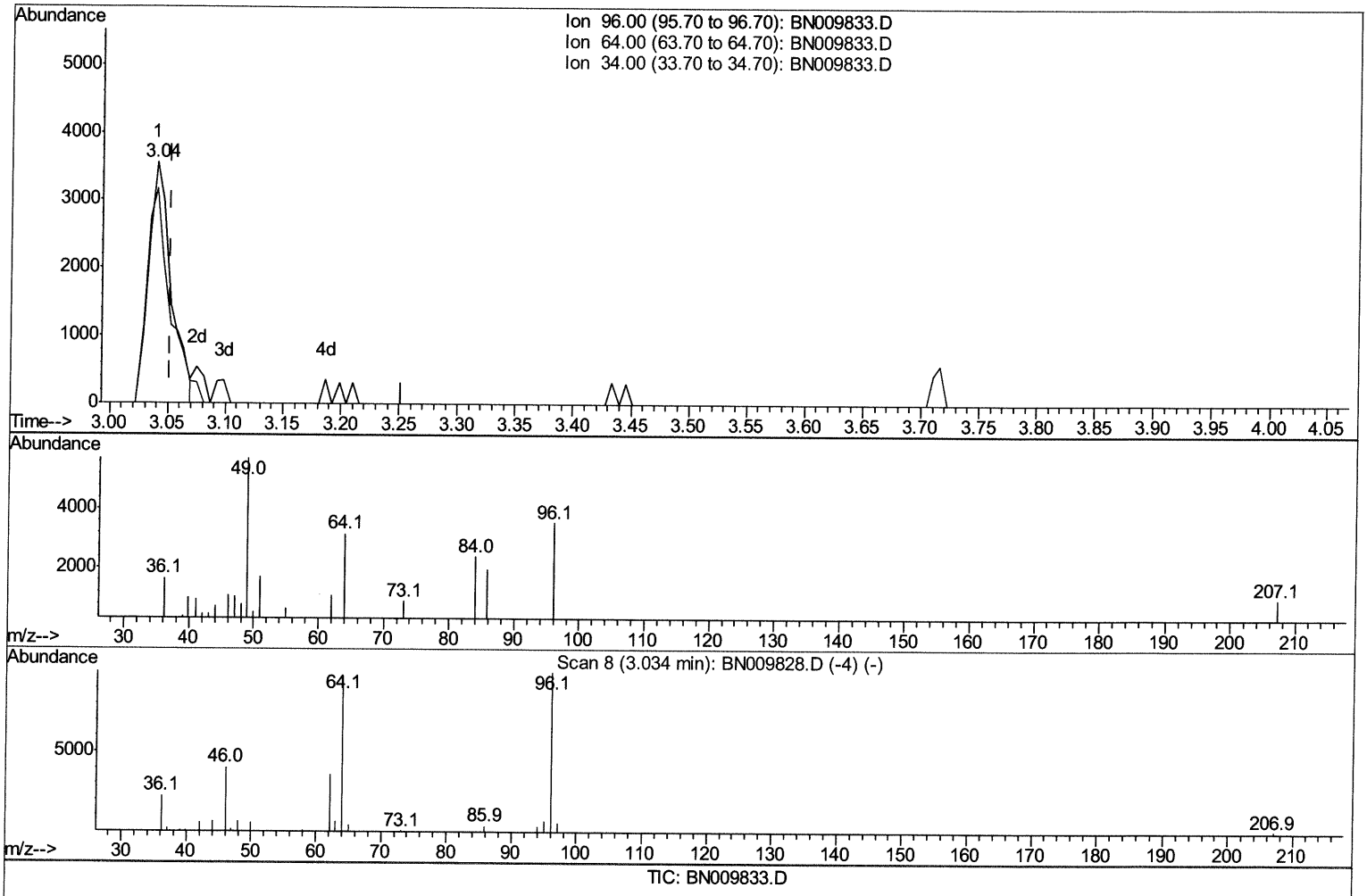
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 24 00:22:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6R4

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:48 PM



TIC: BN009833.D

(3) 1,4-Dioxane-d8 (S)

3.040min (-0.012) 1.45ng/uL

response 4822

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	89.00
34.00	0.00	0.00
0.00	0.00	0.00

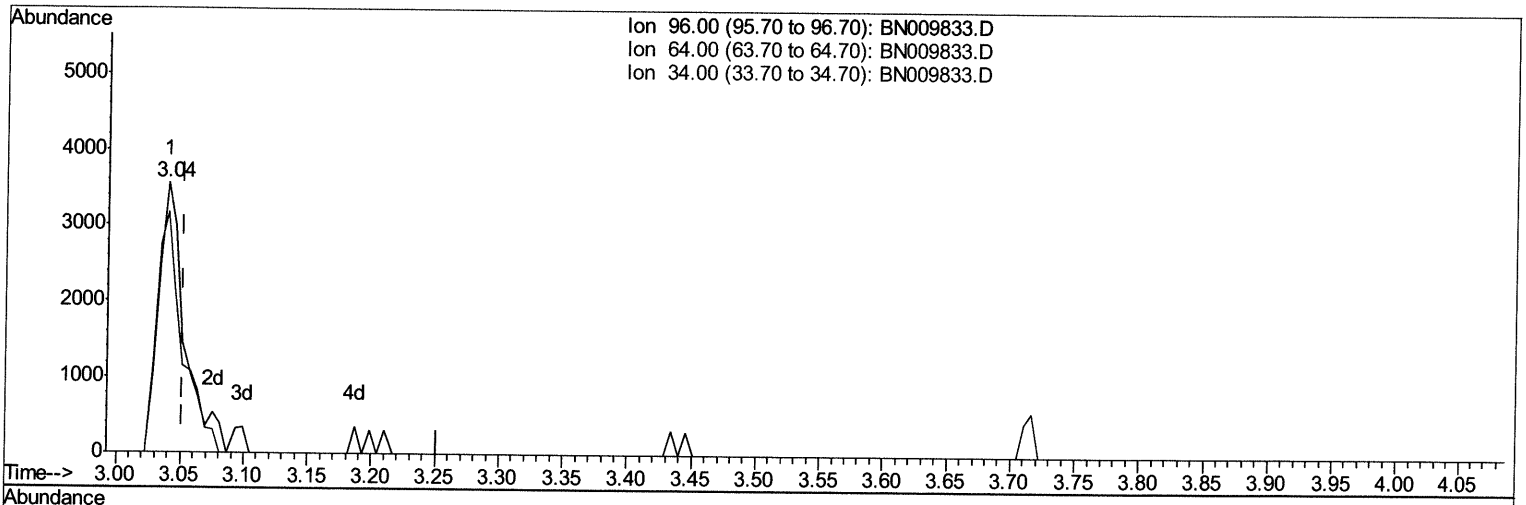
Quantitation Report (Qedit)

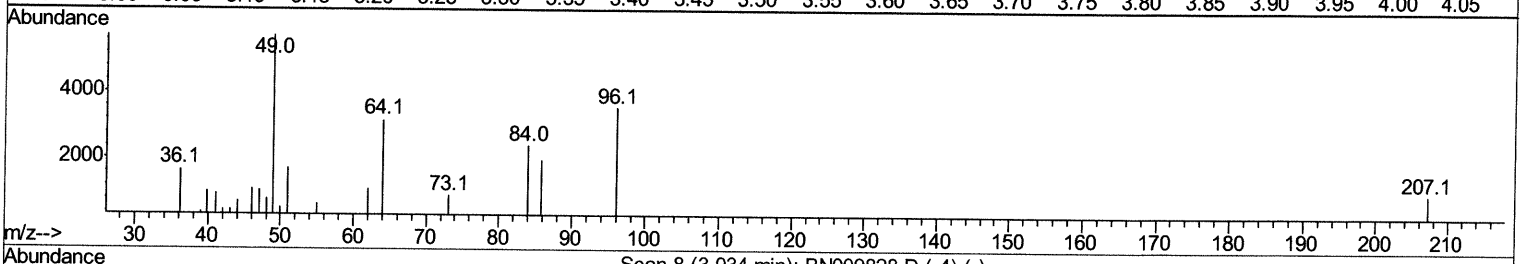
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

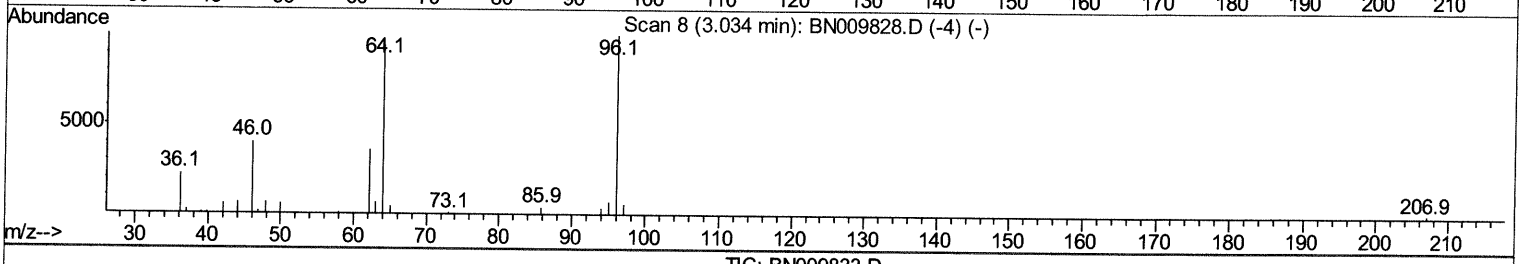
Quant Time: Feb 24 00:22:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6R4

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:48 PM







TIC: BN009833.D

(3) 1,4-Dioxane-d8 (S)

3.040min (-0.012) 1.55ng/uL m JU 02/25/20

response 5150

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	89.00
34.00	0.00	0.00
0.00	0.00	0.00

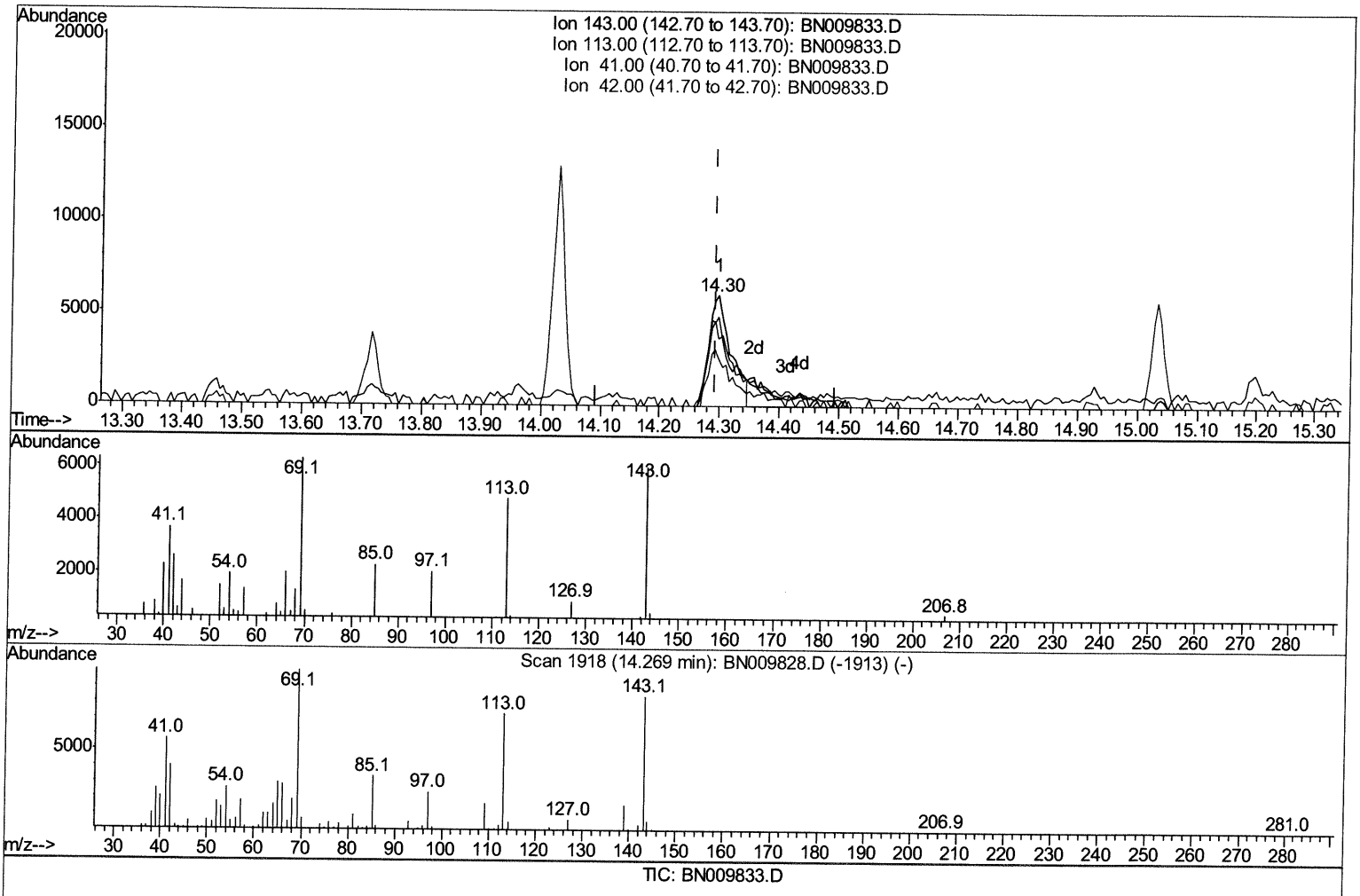
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 24 00:38:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6R4

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:48 PM



TIC: BN009833.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.006) 3.01ng/ul

response 15426

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	80.20
41.00	66.00	61.42
42.00	43.20	43.38

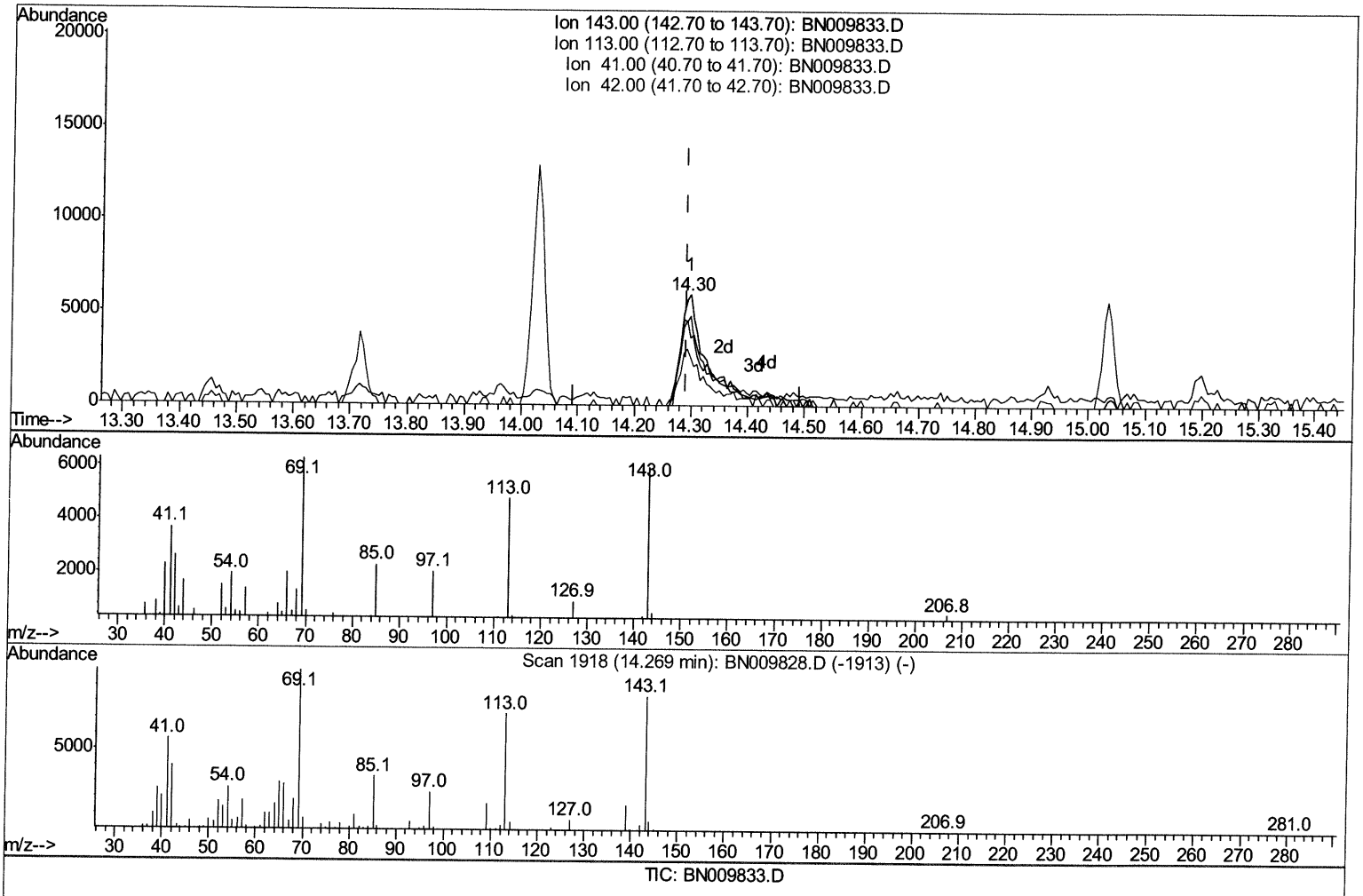
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 24 00:38:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6R4

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:48 PM



TIC: BN009833.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.006) 3.92ng/ul m JU 02/25/20

response 20085

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	80.20
41.00	66.00	61.42
42.00	43.20	43.38

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6R4

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:48 PM

Quant Time: Feb 24 00:48:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	136358	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	595973	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	375754	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	753570	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	649840	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	675204	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	5150m >	1.55	ng/uL	> -0.01 JU 02/25/20
5) Phenol-d5	6.60	99	86290	7.44	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	63509	7.93	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	70276	8.05	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	58955	6.39	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	30565	7.01	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	31305	6.56	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	65005	7.09	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	88032	8.54	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	224078	7.98	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	270566	8.19	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	20085m >	3.92	ng/ul	> 0.00 JU 02/25/20
58) Fluorene-d10	15.03	176	202002	8.34	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	16548	3.53	ng/ul	-0.01
71) Anthracene-d10	16.89	188	289867	8.39	ng/ul	-0.02
79) Pyrene-d10	19.19	212	338884	9.98	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	318583	9.45	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	159608	3.711	ng/ul	99
77) Fluoranthene	18.86	202	243829	4.840	ng/ul	99
80) Pyrene	19.22	202	219155	4.678	ng/ul	98
83) Benzo(a)anthracene	20.99	228	112666	2.523	ng/ul	96
85) Chrysene	21.04	228	111974	2.547	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	146773	3.353	ng/ul#	95
89) Benzo(k)fluoranthene	22.53	252	42639	1.029	ng/ul#	94
91) Benzo(a)pyrene	23.01	252	89702	2.278	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.15	276	61158	1.308	ng/ul	93
94) Benzo(g,h,i)perylene	25.77	276	60605	1.546	ng/ul#	93

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