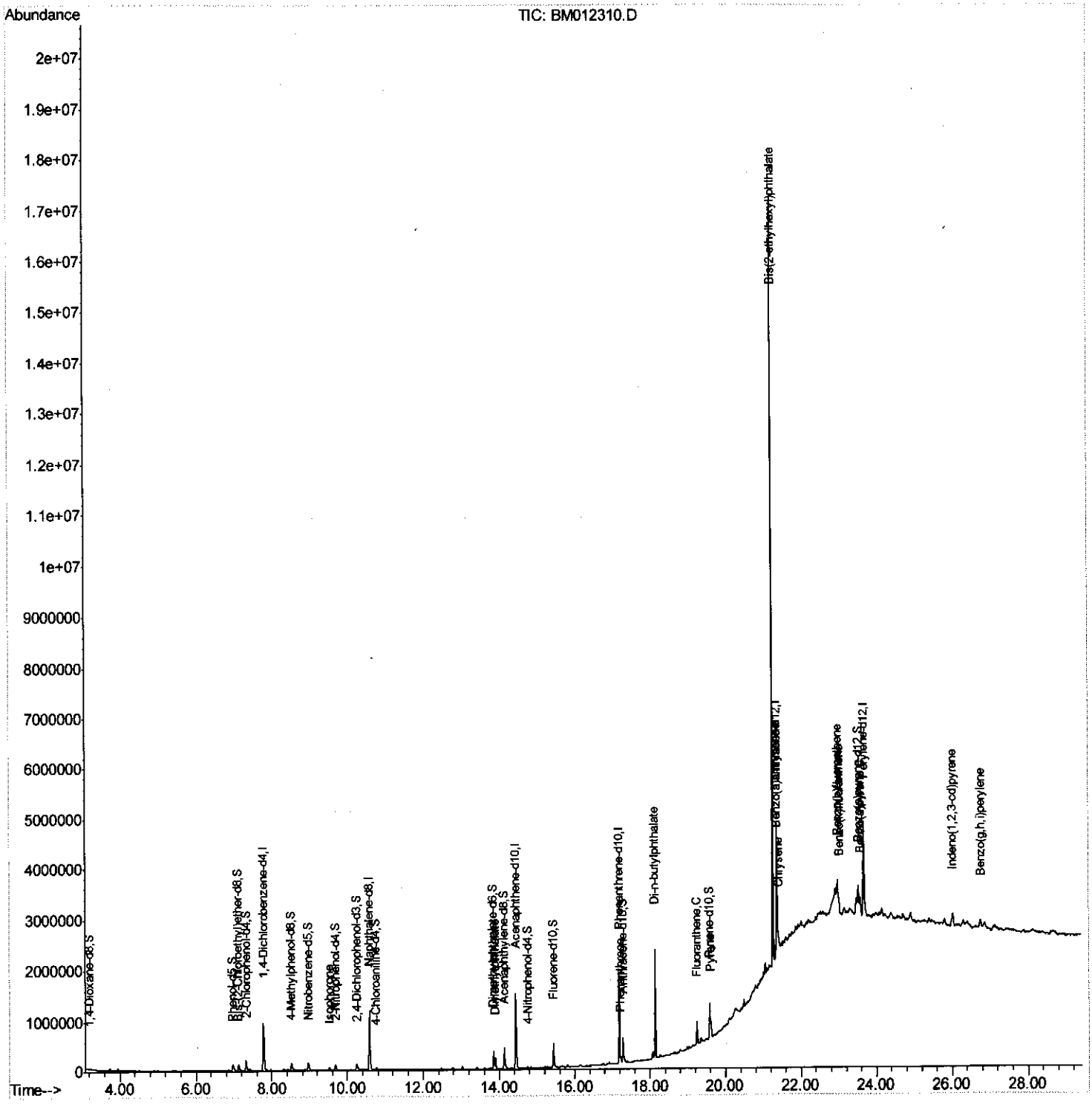
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 19 16:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM



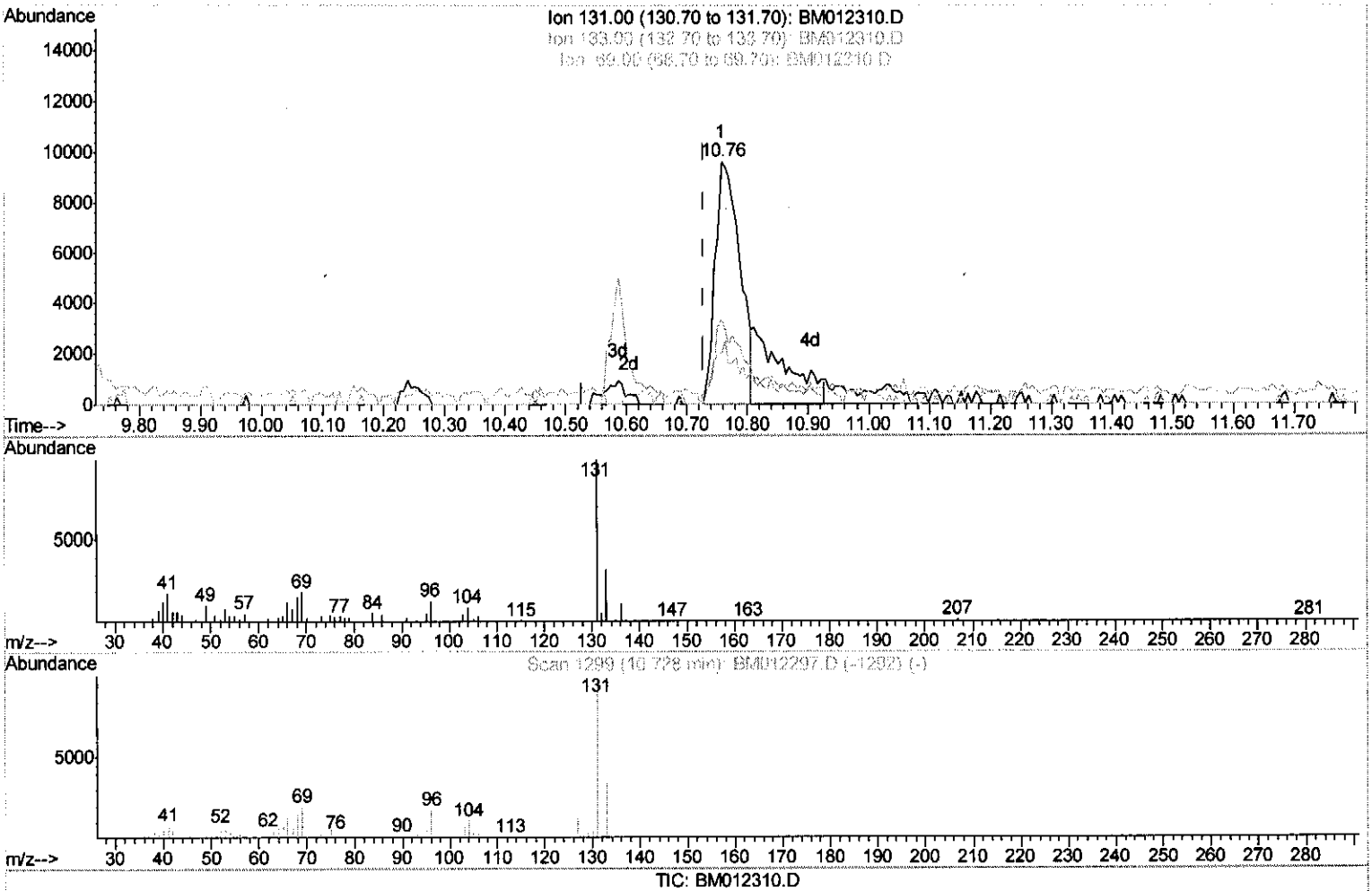
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 19 16:00:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM



TIC: BM012310.D

(29) 4-Chloroaniline-d4 (S)

10.757min (+0.029) 1.67ng/ul

response 26810

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	34.67
69.00	17.40	20.98#
0.00	0.00	0.00

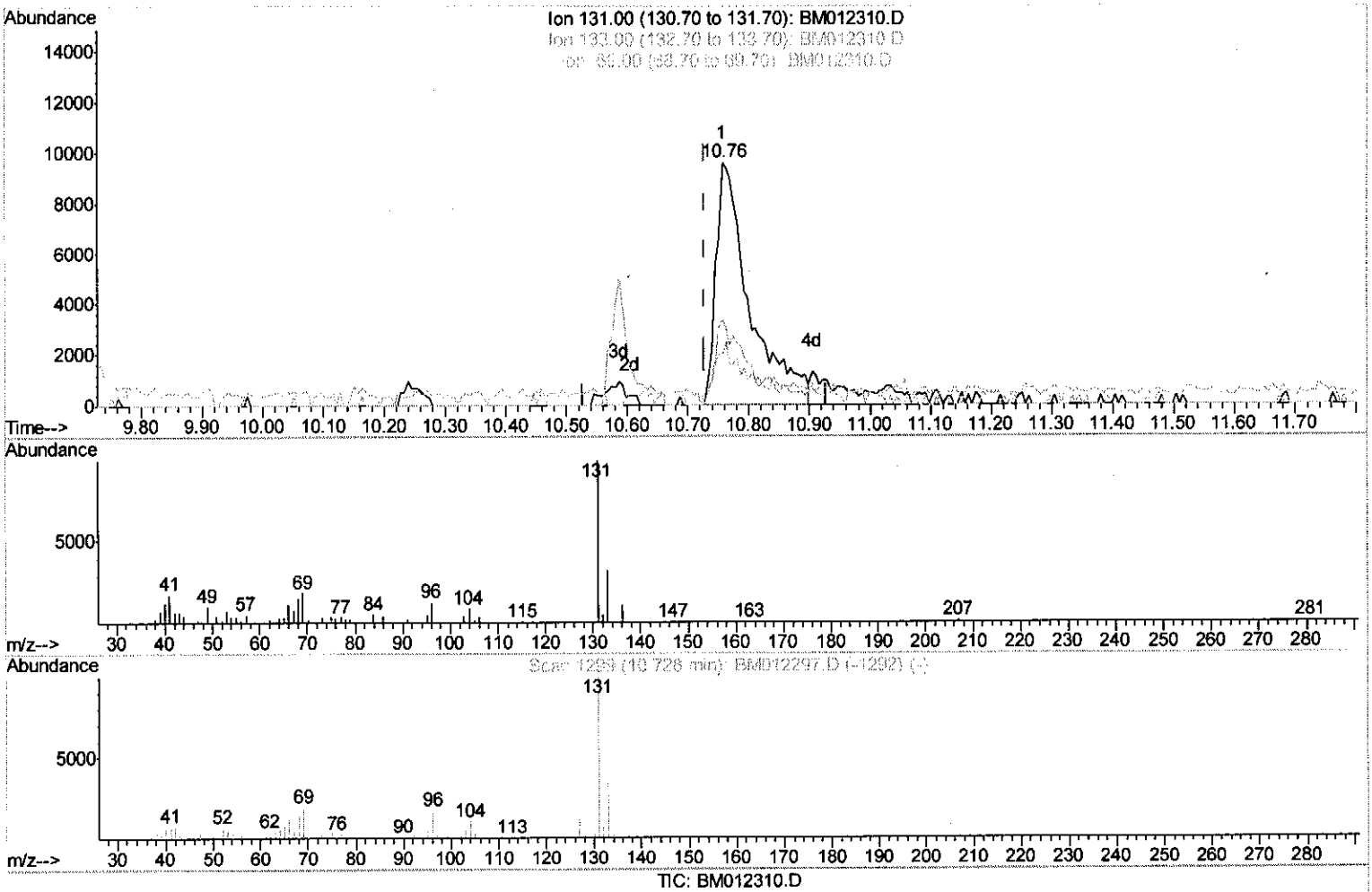
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 19 16:00:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM



TIC: BM012310.D

(29) 4-Chloroaniline-d4 (S)

10.757min (+0.029) 2.28ng/ul m JU 10/24/17

response 36578

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	34.67
69.00	17.40	20.98#
0.00	0.00	0.00

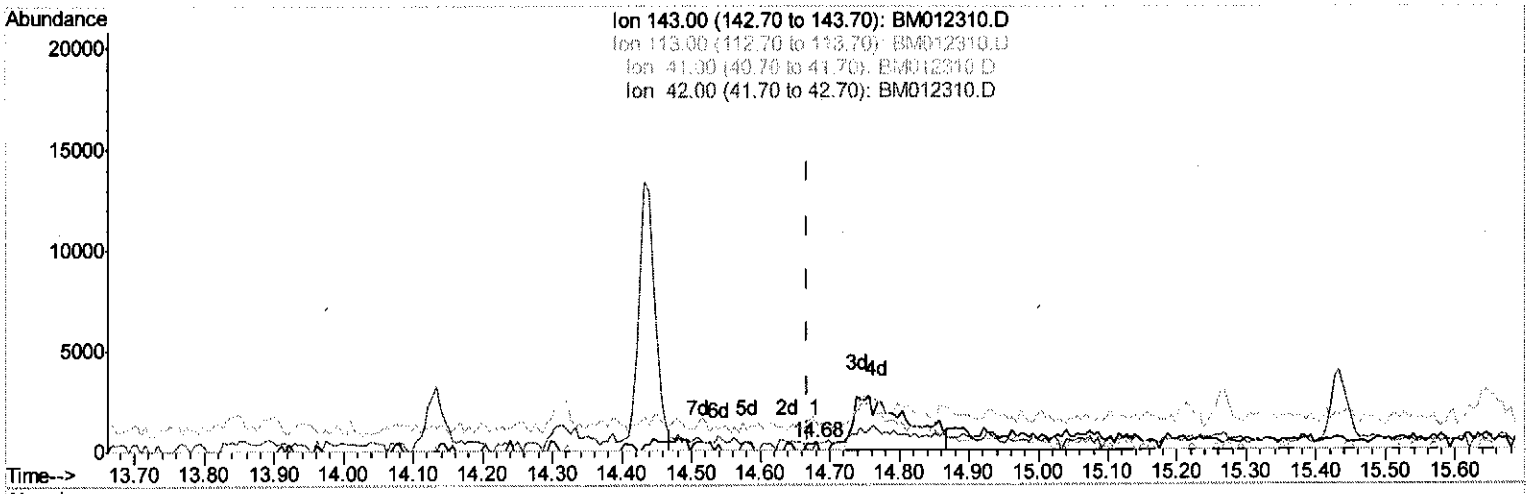
Quantitation Report (Qedit)

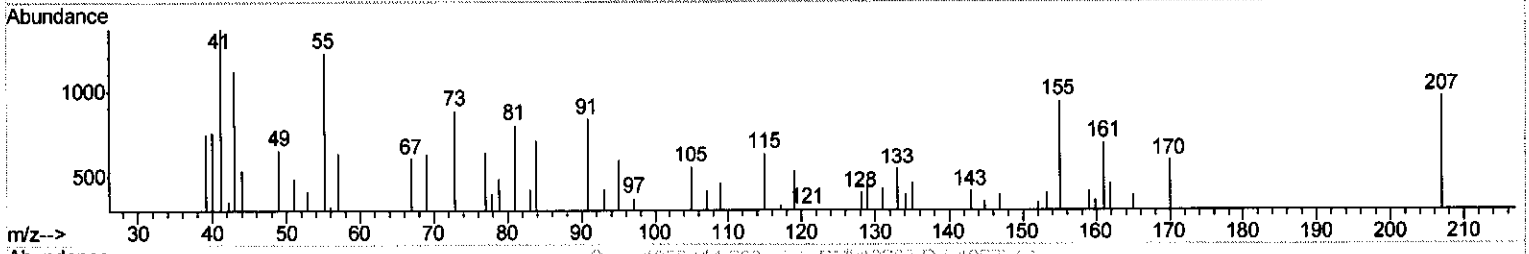
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

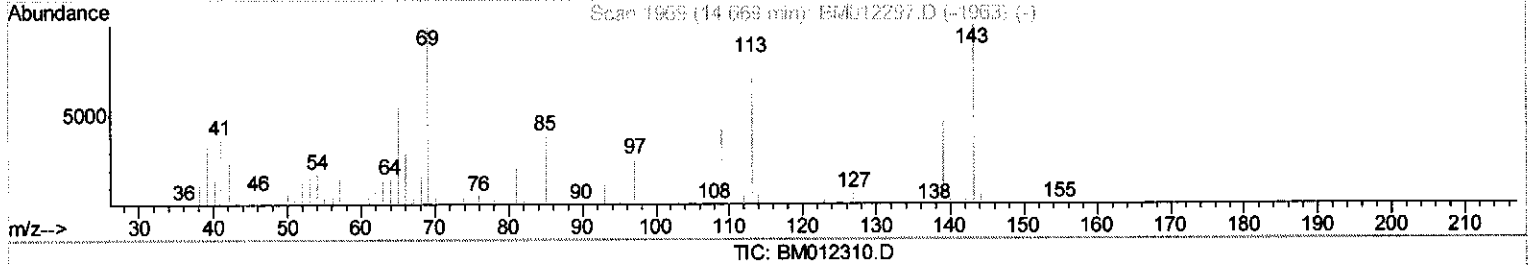
Quant Time: Oct 19 16:00:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM







TIC: BM012310.D

(51) 4-Nitrophenol-d4 (S)

14.680min (+0.012) 0.06ng/ul

response 401

Ion	Exp%	Act%
143.00	100	100
113.00	81.80	0.00#
41.00	40.00	331.48#
42.00	25.70	85.96#

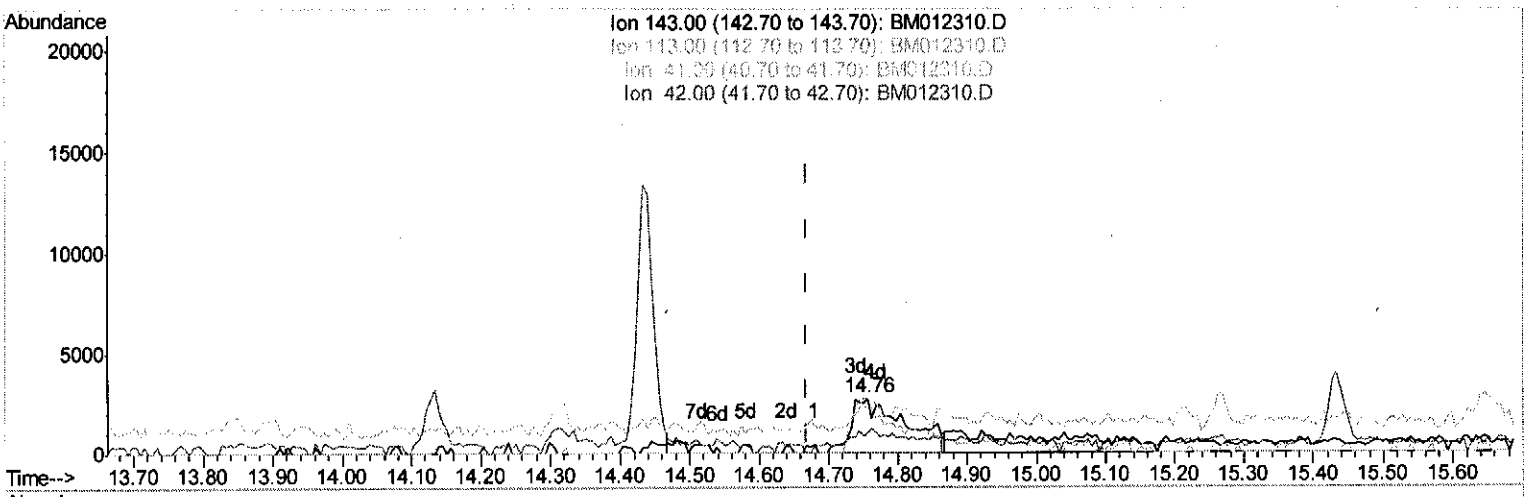
Quantitation Report (Qedit)

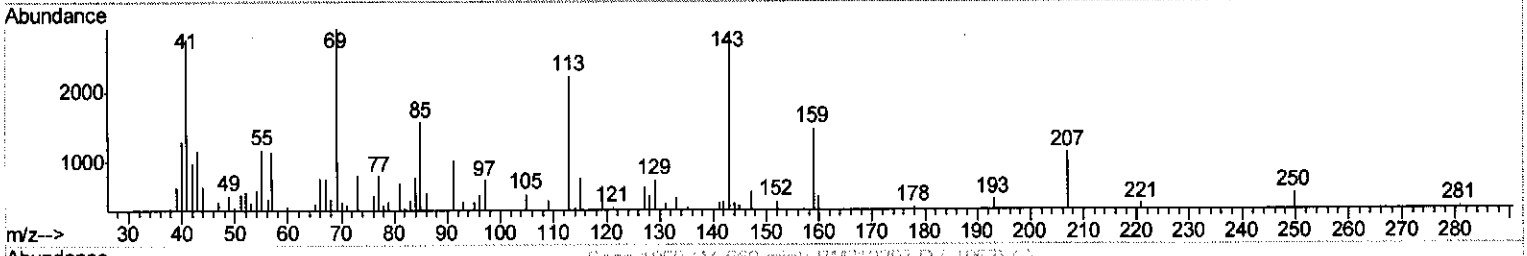
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

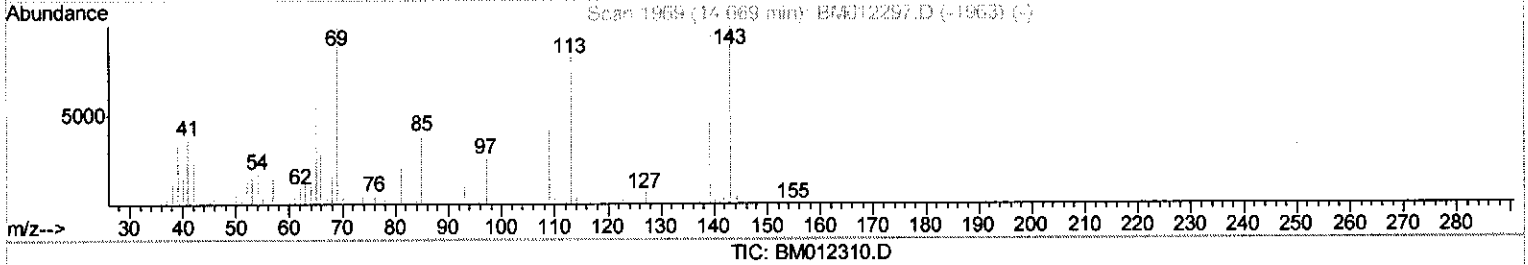
Quant Time: Oct 19 16:00:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM







TIC: BM012310.D

(51) 4-Nitrophenol-d4 (S)

14.757min (+0.088) 2.16ng/ul m JV 10/24/17

response 14670

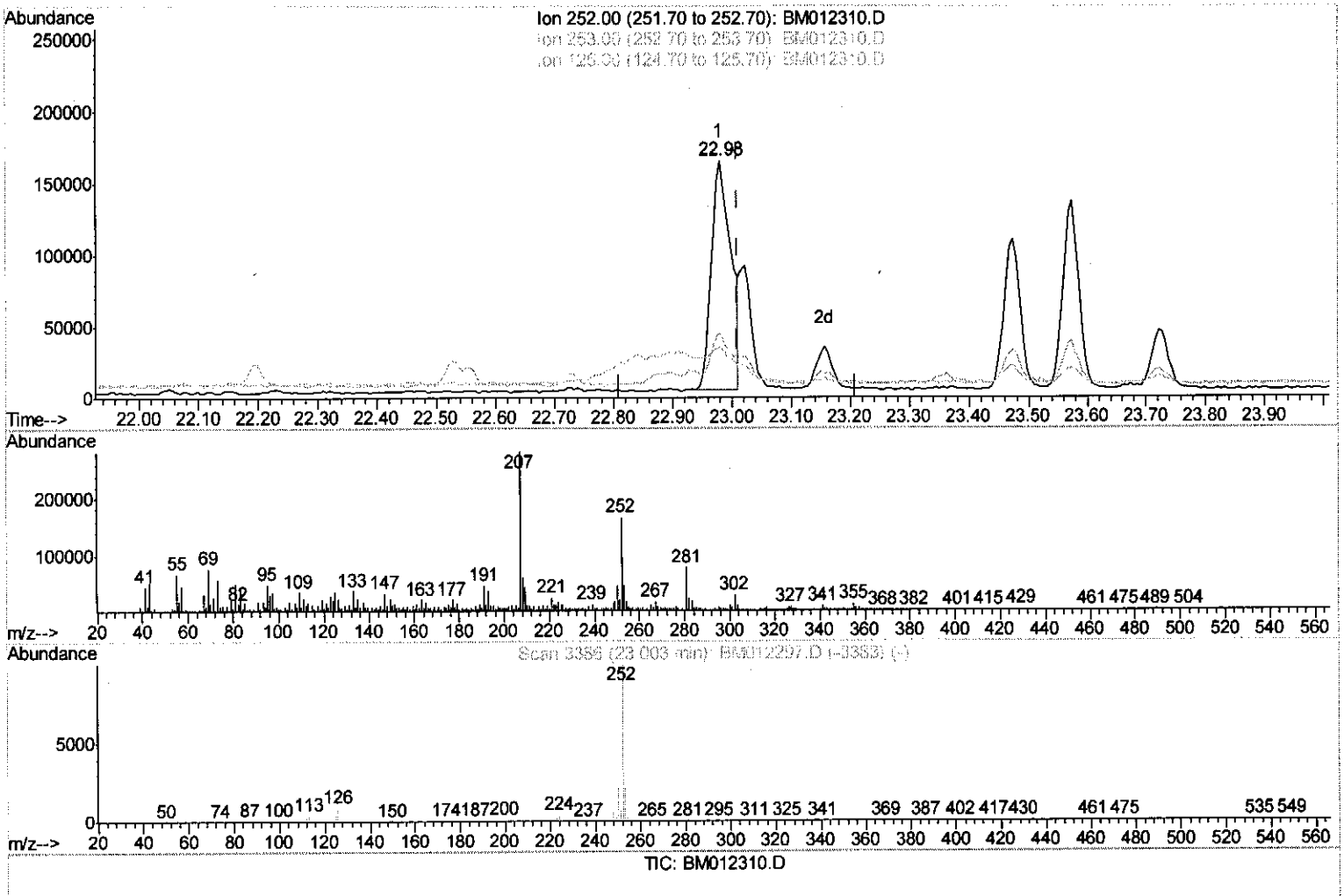
Ion	Exp%	Act%
143.00	100	100
113.00	81.80	80.72
41.00	40.00	100.25#
42.00	25.70	35.95#

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 19 16:00:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM



TIC: BM012310.D

(86) Benzo(k)fluoranthene

22.980min (-0.029) 4.33ng/ul

response 372385

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	27.30#
125.00	6.10	21.73#
0.00	0.00	0.00

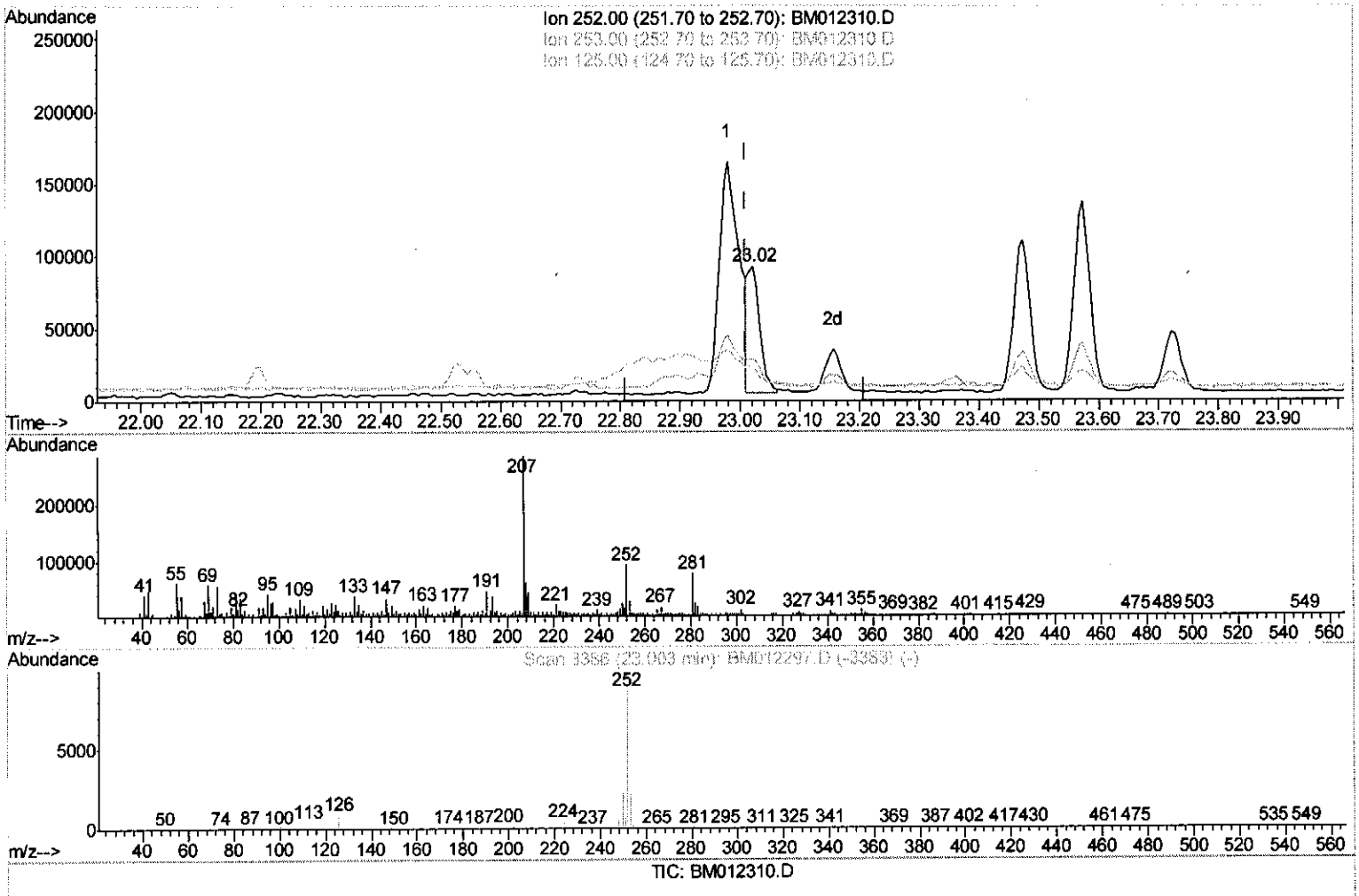
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 19 16:00:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM



TIC: BM012310.D

(86) Benzo(k)fluoranthene

23.021min (+0.012) 1.42ng/ul m JU 10/24/17

response 122292

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	31.10#
125.00	6.10	23.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
B-74(0-1)-100417

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:19 PM

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012310.D
Acq On : 19 Oct 2017 09:48
Operator : SJ/JU
Sample : I5695-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 19 16:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	272001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1008243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	510895	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1034338	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1170304	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	1366133	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6476	1.13	ng/uL	0.00
5) Phenol-d5	6.97	99	97401	4.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.12	67	66781	5.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	93104	4.97	ng/ul	0.01
13) 4-Methylphenol-d8	8.52	113	76605	4.03	ng/ul	0.02
19) Nitrobenzene-d5	8.96	128	38685	5.03	ng/ul	0.01
22) 2-Nitrophenol-d4	9.69	143	43547	4.84	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.25	165	73179	4.26	ng/ul	0.03
29) 4-Chloroaniline-d4	10.76	131	36578m	2.28	ng/ul	0.03
43) Dimethylphthalate-d6	13.84	166	253004	5.60	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	295667	5.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	14670m	2.16	ng/ul	0.09
57) Fluorene-d10	15.43	176	201610	5.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	112	0.02	ng/ul	0.02
70) Anthracene-d10	17.29	188	297123	5.81	ng/ul	0.00
76) Pyrene-d10	19.59	212	328519	5.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	380198	5.77	ng/ul	0.02
Target Compounds						Qvalue
21) Isophorone	9.52	82	46353	1.298	ng/ul	97
44) Dimethylphthalate	13.89	163	139322	3.080	ng/ul	98
69) Phenanthrene	17.23	178	81601	1.387	ng/ul	97
73) Di-n-butylphthalate	18.14	149	1448771	20.241	ng/ul	99
74) Fluoranthene	19.25	202	280922	3.956	ng/ul#	95
77) Pyrene	19.61	202	267651	3.463	ng/ul#	95
80) Benzo(a)anthracene	21.36	228	204672	2.688	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	4871998	94.372	ng/ul#	98
82) Chrysene	21.41	228	187867	2.628	ng/ul	96
85) Benzo(b)fluoranthene	22.98	252	372385	4.177	ng/ul#	81
86) Benzo(k)fluoranthene	23.02	252	122292m	1.423	ng/ul	
88) Benzo(a)pyrene	23.57	252	246836	2.938	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	26.03	276	219865	2.464	ng/ul#	94
91) Benzo(g,h,i)perylene	26.75	276	202362	2.769	ng/ul#	85

SJ → 10/24/17

→ JU 10/24/17

→ JU 10/24/17

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