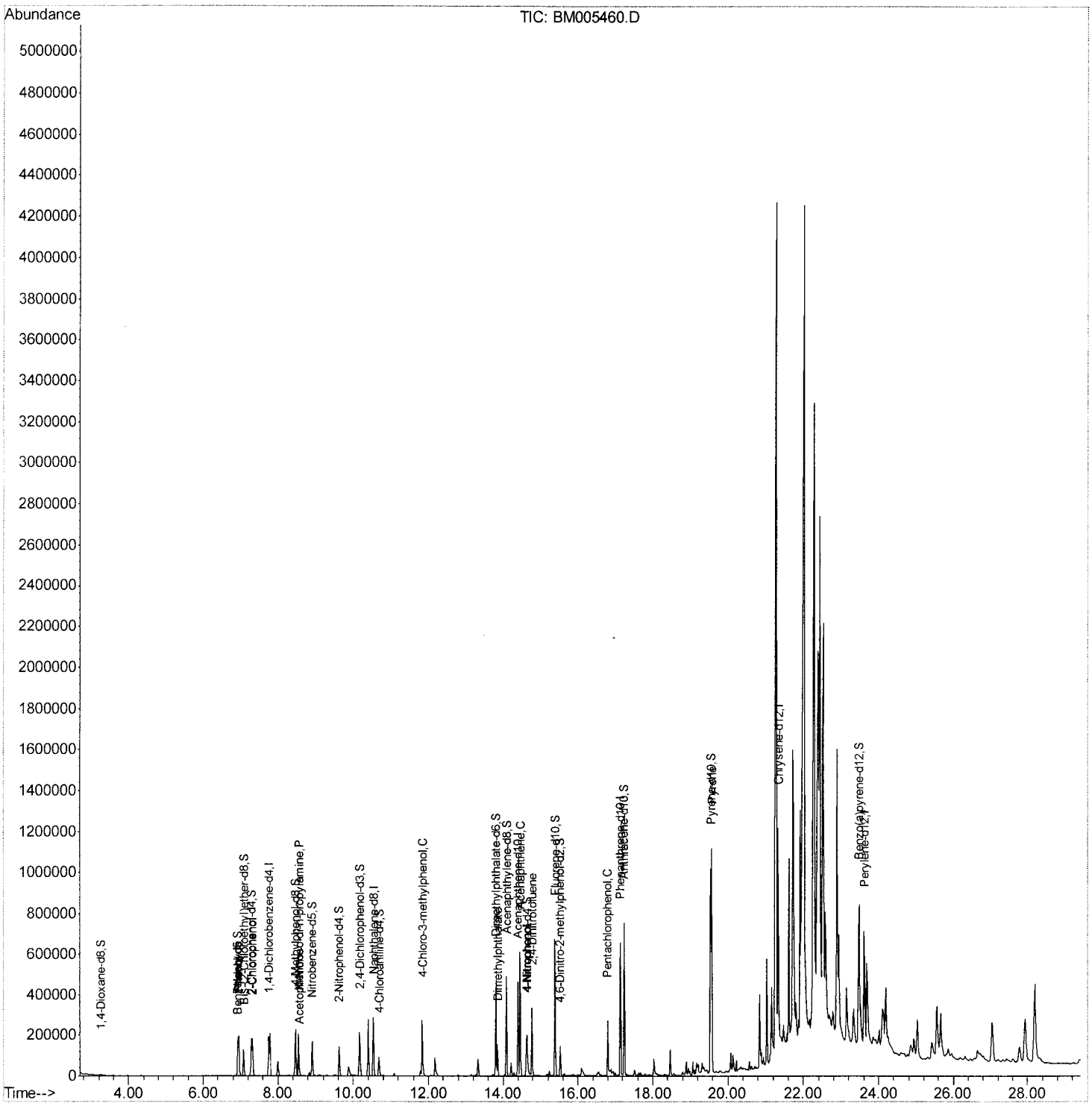
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005460.D
Acq On : 14 May 2016 11:12
Operator : UM/SJ
Sample : H2834-15MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 16 04:17:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H4061MSD

Manual Integrations APPROVED
sohil
5/16/2016 7:02:04 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005460.D
Acq On : 14 May 2016 11:12
Operator : UM/SJ
Sample : H2834-15MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 16 03:41:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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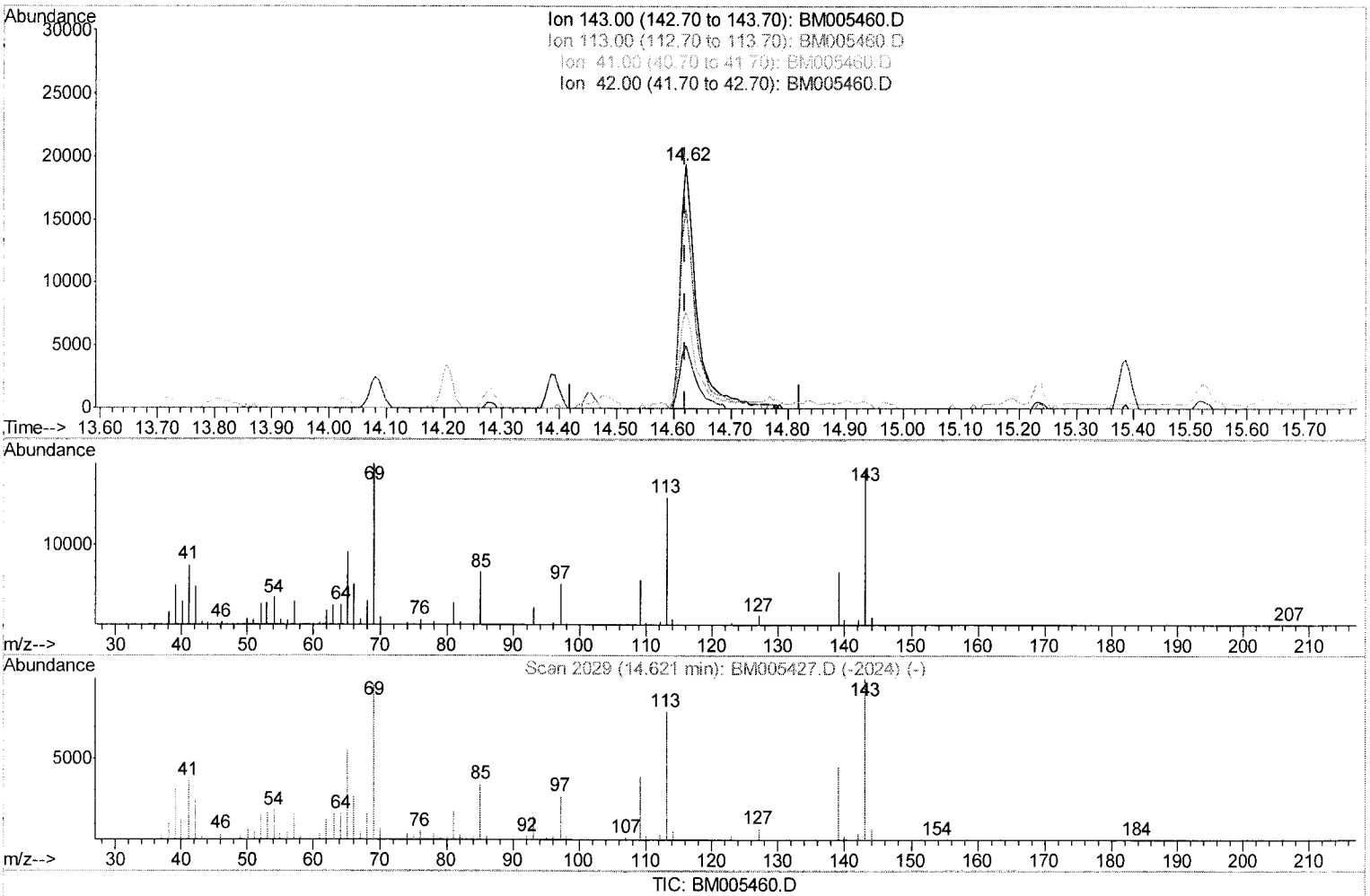
5/16/2016 7:02:04 PM



TIC: BM005460.D

(51) 4-Nitrophenol-d4 (S)

14.621min (-0.000) 17.88ng/ul m > U.M 05/17/16

response 39394

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	81.80
41.00	38.10	39.48
42.00	26.00	25.99

Quantitation Report (Qedit)

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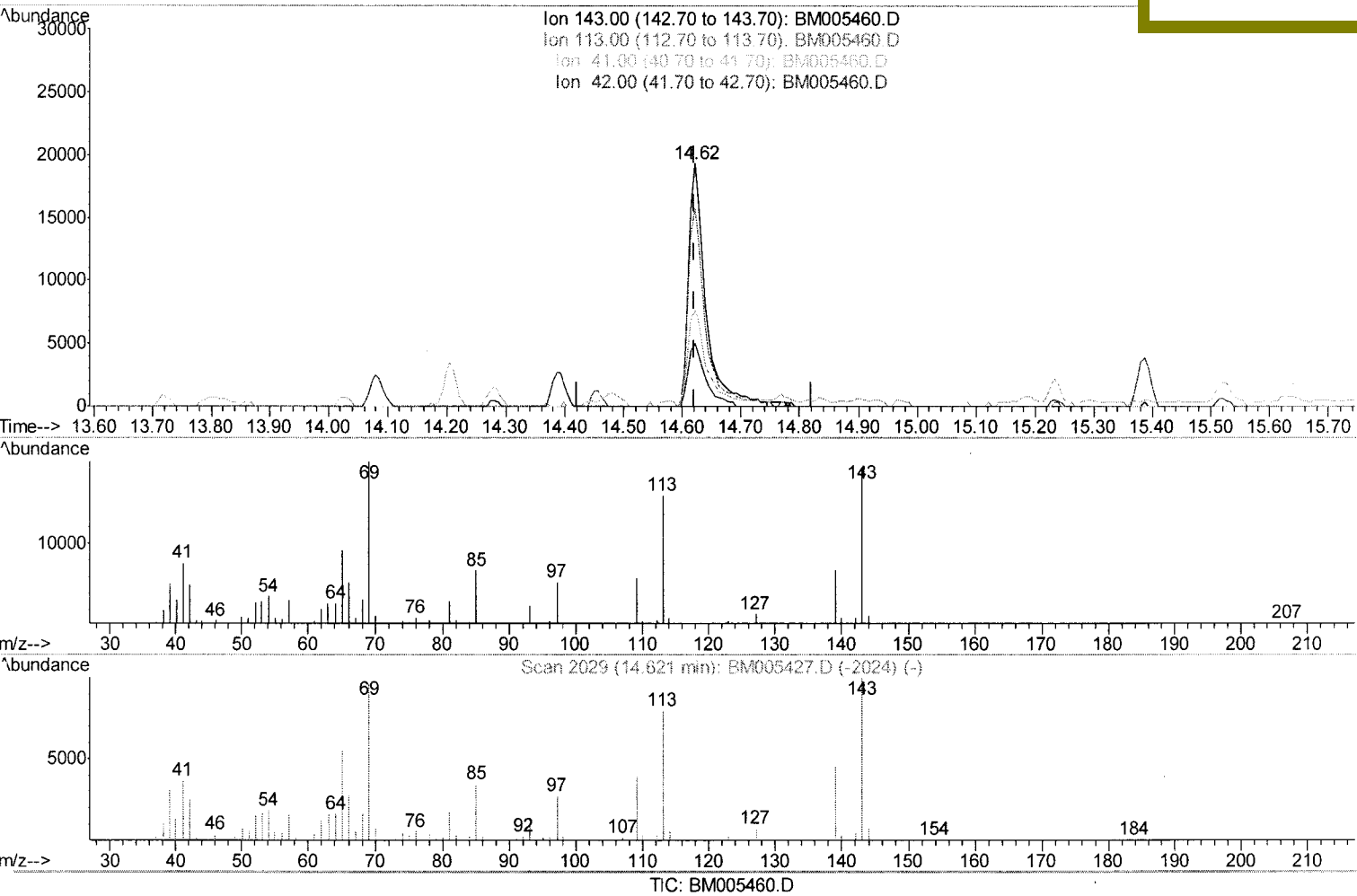
BNA_M
ClientSampleId :
H4061MSD

Manual Integrations APPROVED
sohil
5/16/2016 7:02:04 PM



(51) 4-Nitrophenol-d4 (S)

14.621min (-0.000) 17.55ng/ul

response 38668

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	81.80
41.00	38.10	39.48
42.00	26.00	25.99

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005460.D
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Operator : UM/SJ
Sample : H2834-15MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 16 03:41:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H4061MSD

Manual Integrations APPROVED
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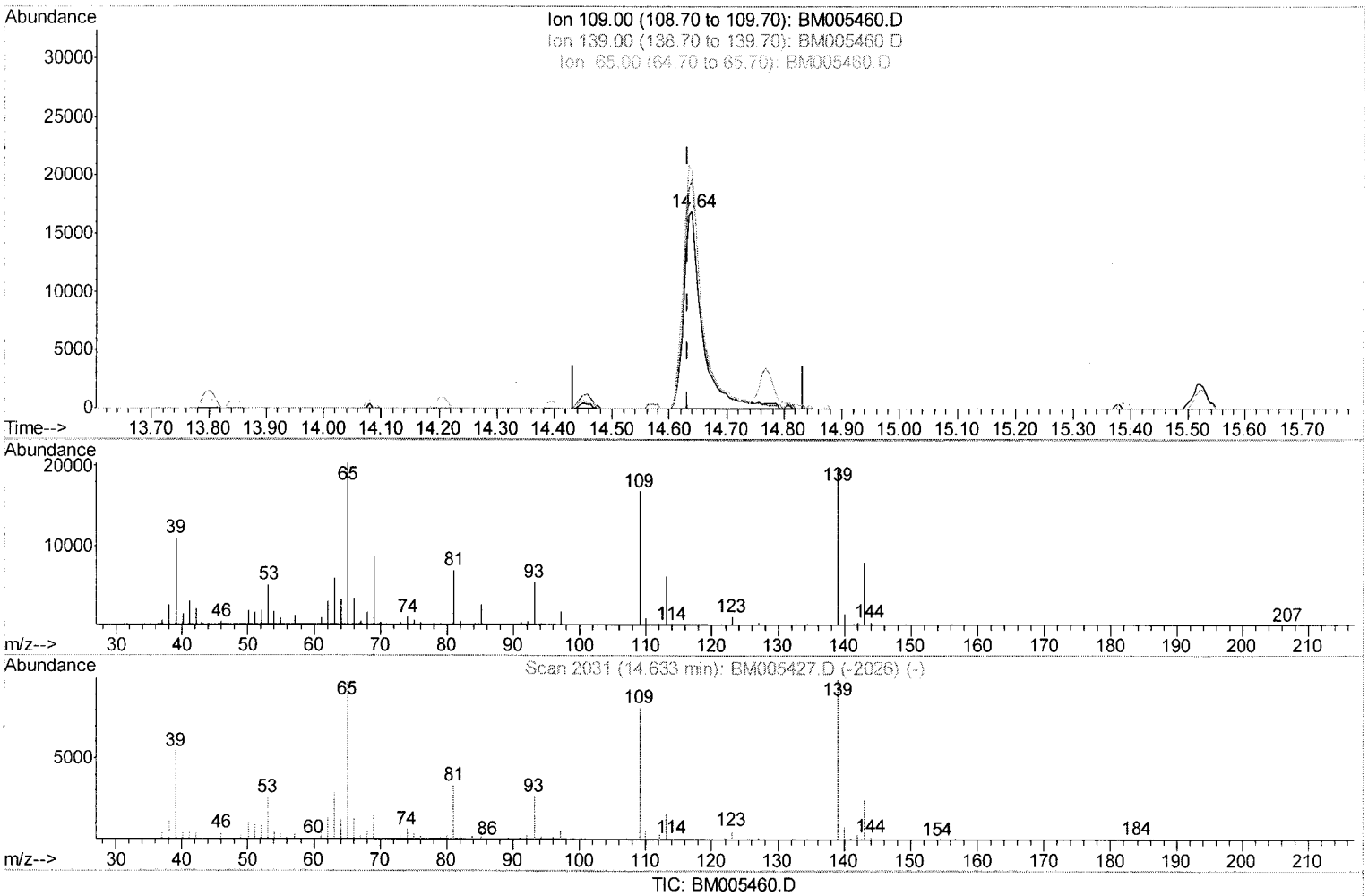

TIC: BM005460.D

(52) 4-Nitrophenol

14.639min (+0.006) 21.03ng/ul m > U·M 05/17/16

response 38524

Ion	Exp%	Act%
109.00	100	100
139.00	129.50	116.40
65.00	130.90	120.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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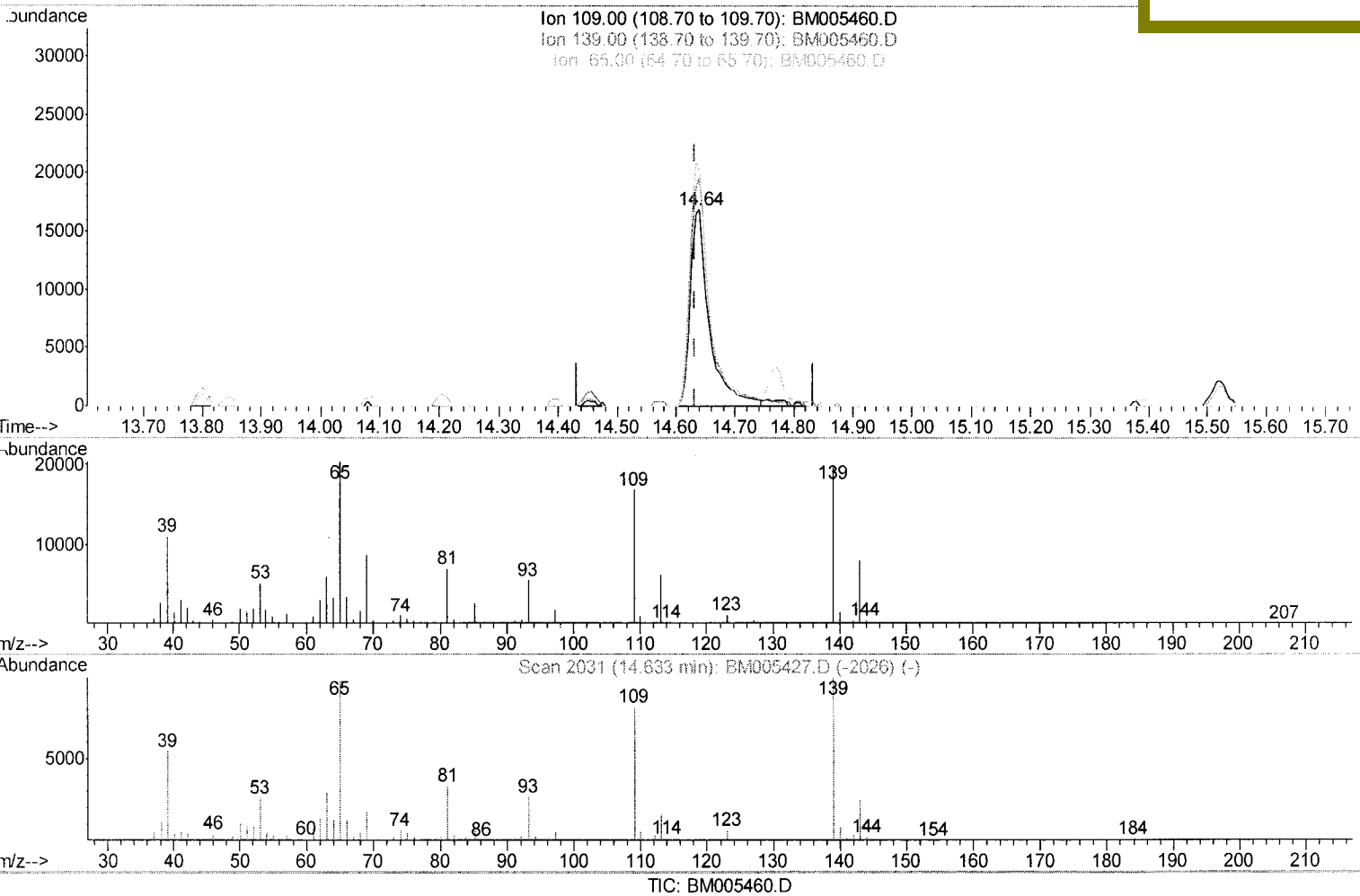
Data File : BM005460.D
Acq On : 14 May 2016 11:12
Operator : UM/SJ
Sample : H2834-15MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 16 03:41:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H4061MSD

Manual Integrations APPROVED
sohil
5/16/2016 7:02:04 PM



TIC: BM005460.D

(52) 4-Nitrophenol

14.639min (+0.006) 20.36ng/ul

response 37291

Ion	Exp%	Act%
109.00	100	100
139.00	129.50	116.40
65.00	130.90	120.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : H4061MSD

Manual Integrations APPROVED
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5/16/2016 7:02:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	51562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	238097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	150598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	383066	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	473564	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	401608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	4317	3.94	ng/uL	0.00
5) Phenol-d5	6.93	99	103897	22.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	60651	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	81400	23.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	87220	22.56	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	41853	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	48316	25.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	85950	24.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	57087	13.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	315991	26.18	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	356861	25.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	39394m	17.88	ng/ul	0.00
57) Fluorene-d10	15.39	176	261046	25.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	32721	15.18	ng/ul	0.00
70) Anthracene-d10	17.24	188	428673	25.32	ng/ul	0.00
76) Pyrene-d10	19.54	212	531506	24.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	452484	25.45	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.91	77	4187	1.85	ng/ul#	83
6) Phenol	6.96	94	109781	22.71	ng/ul	99
10) 2-Chlorophenol	7.32	128	81446	22.54	ng/ul	97
14) Acetophenone	8.57	105	7587	1.32	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	78401	26.20	ng/ul	98
33) 4-Chloro-3-methylphenol	11.83	107	110585	25.18	ng/ul	99
44) Dimethylphthalate	13.84	163	95220	7.89	ng/ul	99
49) Acenaphthene	14.46	153	245941	24.91	ng/ul	99
52) 4-Nitrophenol	14.64	109	38524m	21.03	ng/ul	
54) 2,4-Dinitrotoluene	14.77	165	94898	26.75	ng/ul	100
68) Pentachlorophenol	16.80	266	53059	23.18	ng/ul	93
77) Pyrene	19.57	202	677389	24.66	ng/ul	97

U.M 05/17/16

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