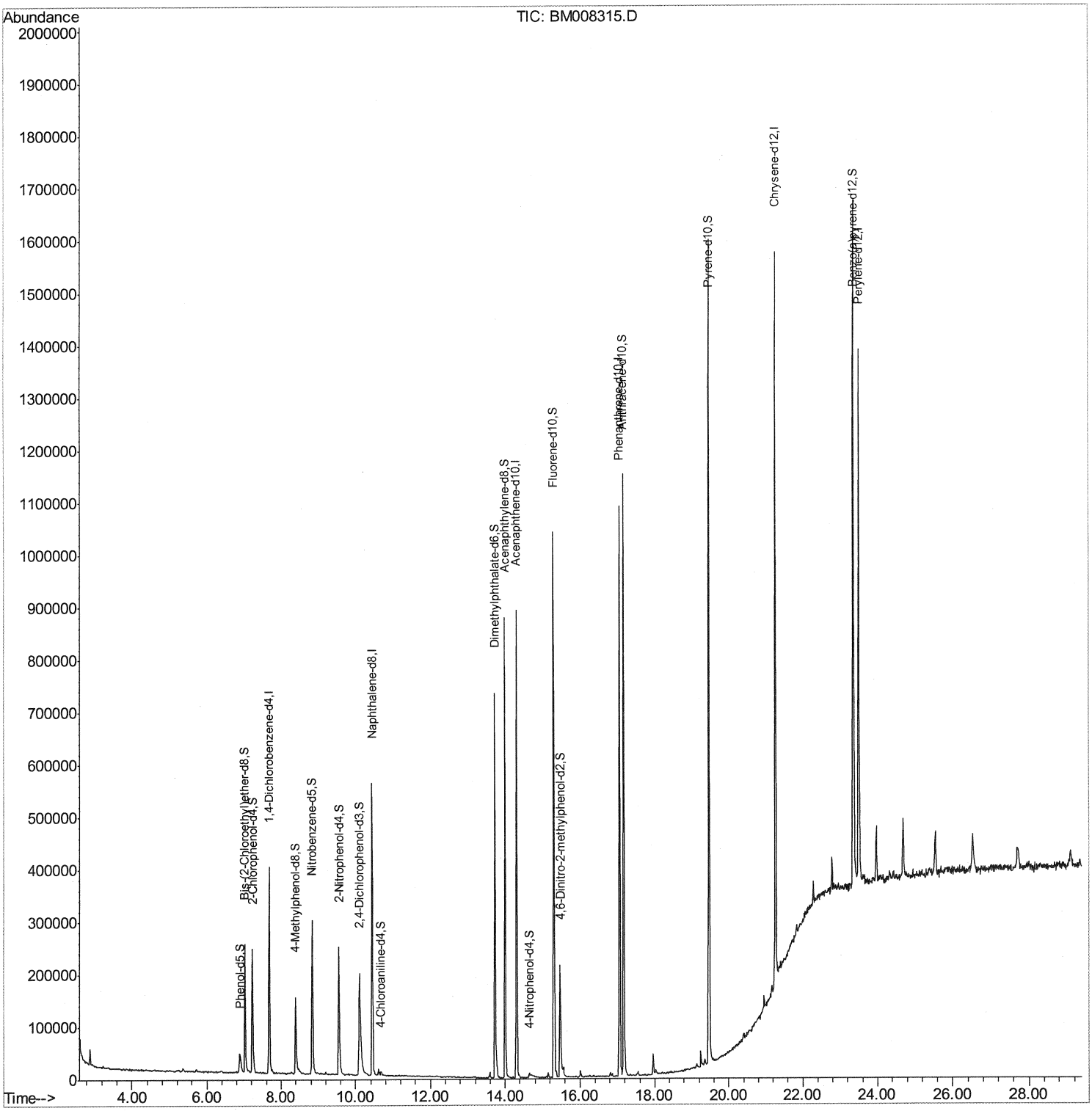
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 15 02:38:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
12/15/2016 5:36:20 PM

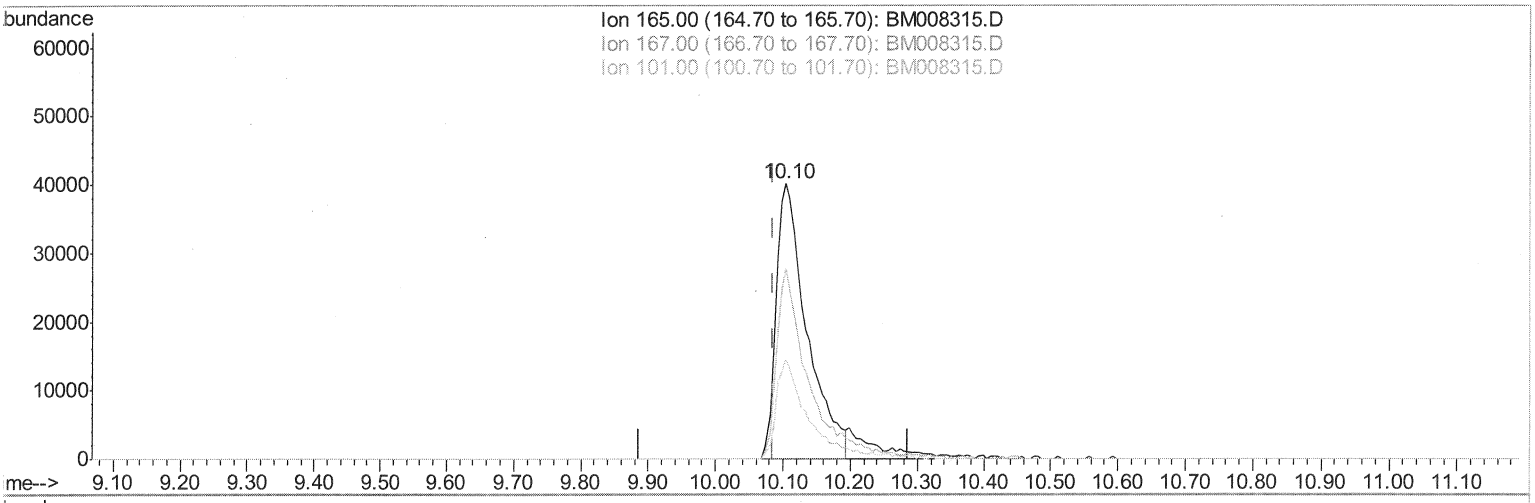


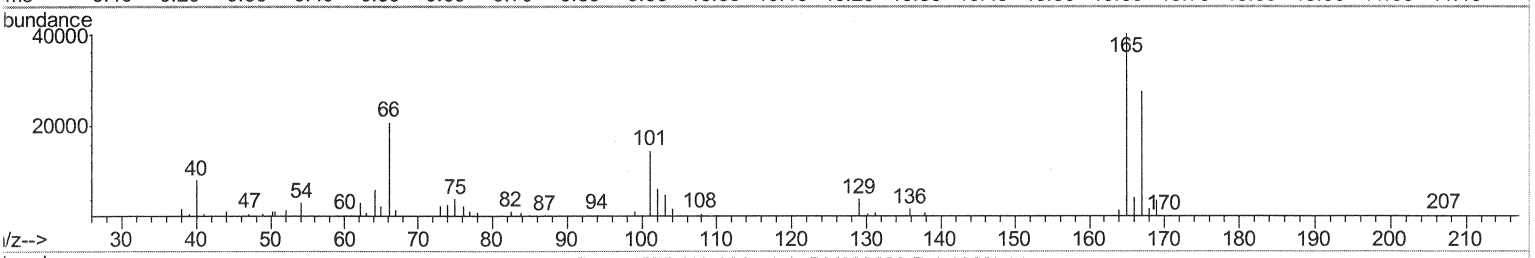
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

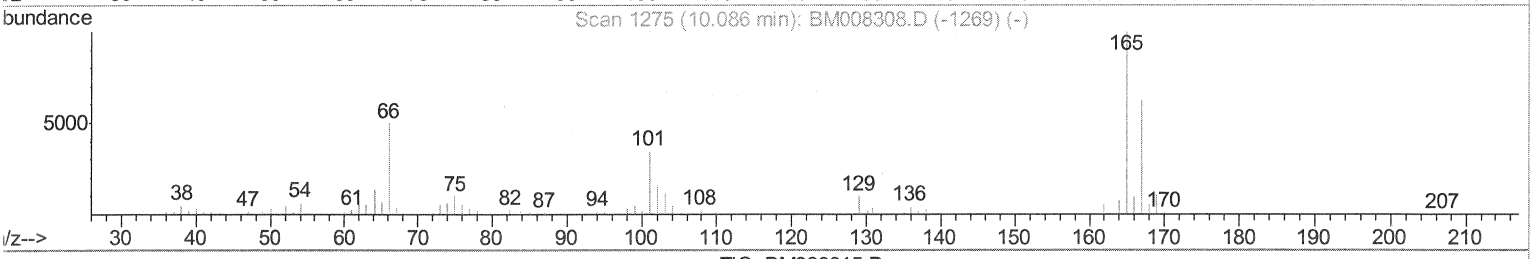
Quant Time: Dec 15 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
12/15/2016 5:36:20 PM







TIC: BM008315.D

(26) 2,4-Dichlorophenol-d3 (S)

10.104min (+0.018) 19.04ng/ul

response 126014

Ion	Exp%	Act%
165.00	100	100
167.00	64.50	68.94
101.00	35.20	36.12
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 15 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
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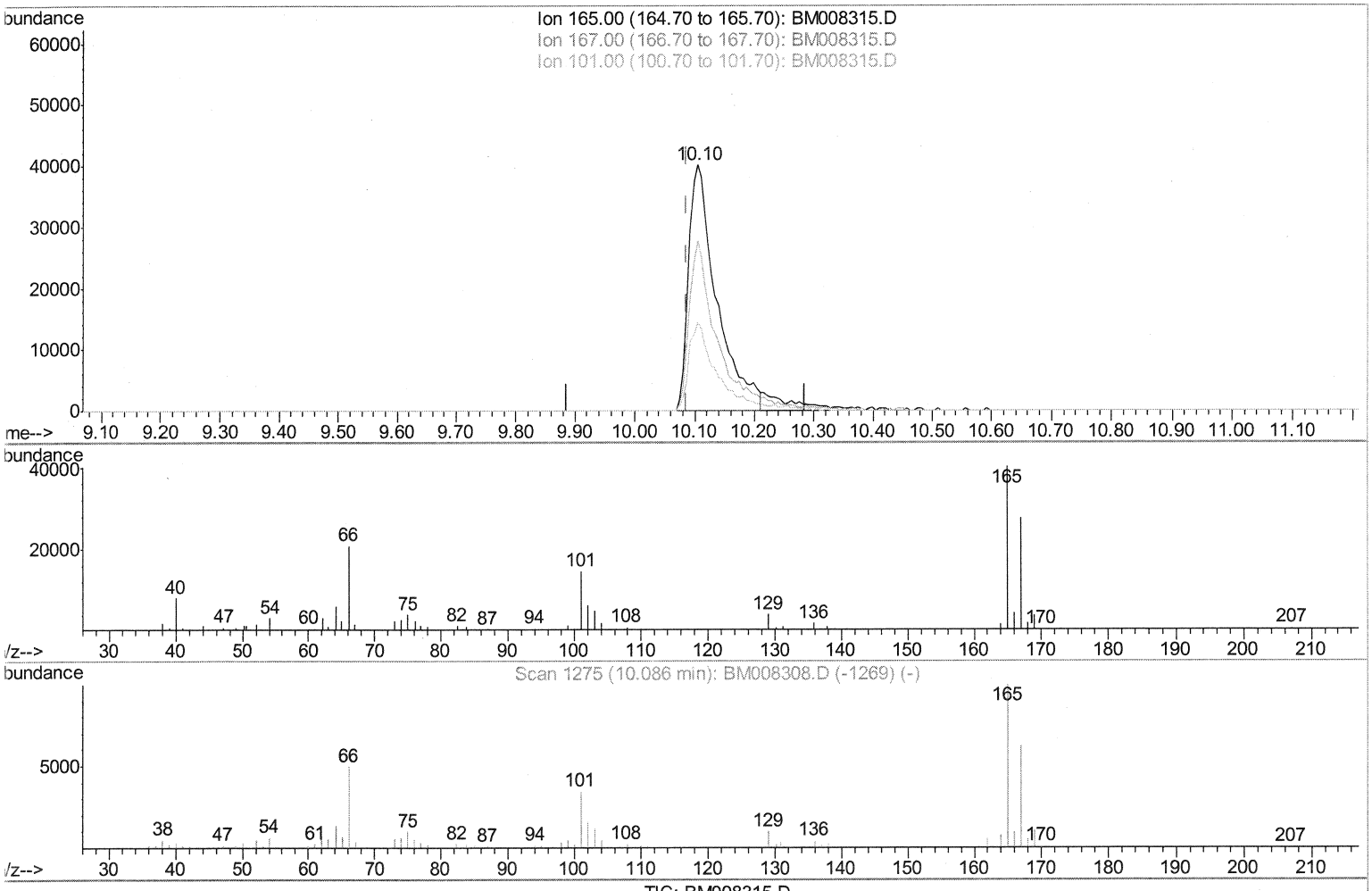


(26) 2,4-Dichlorophenol-d3 (S)

10.104min (+0.018) 19.63ng/ul m SJ 12/15/16

response 129905

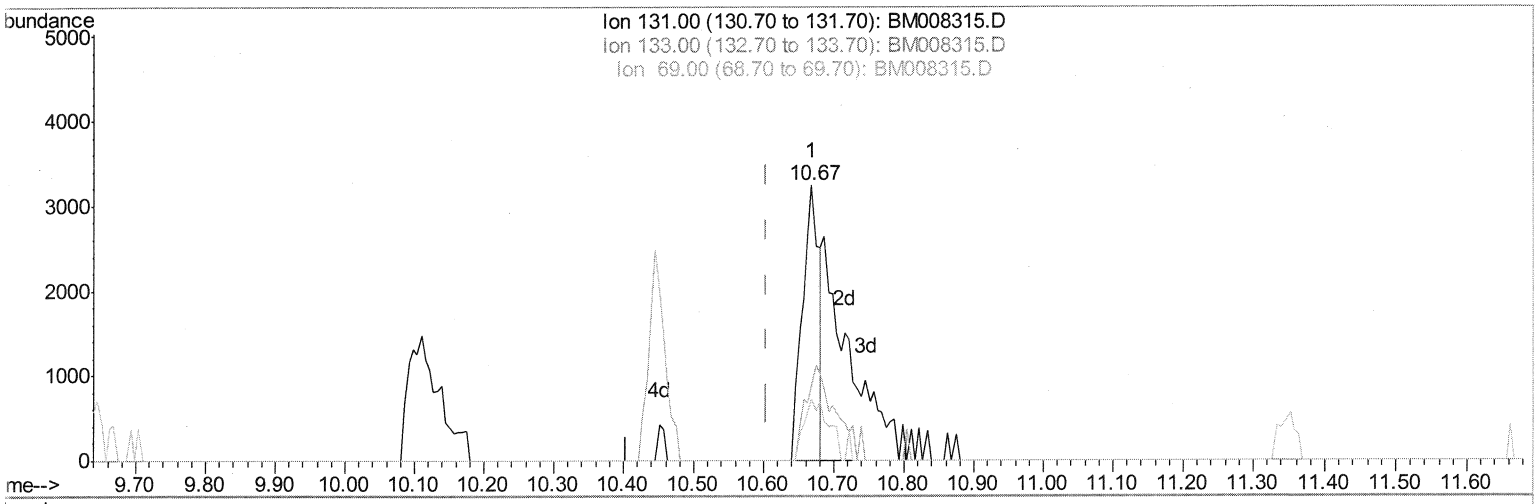
Ion	Exp%	Act%
165.00	100	100
167.00	64.50	68.94
101.00	35.20	36.12
0.00	0.00	0.00

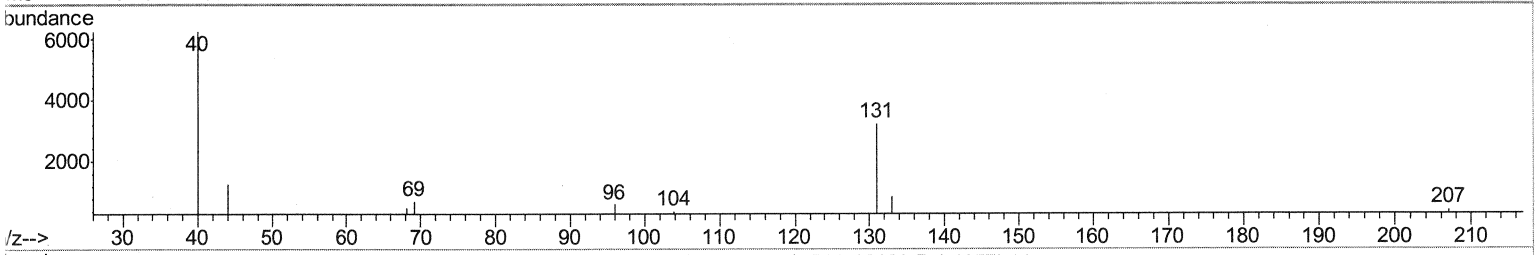
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

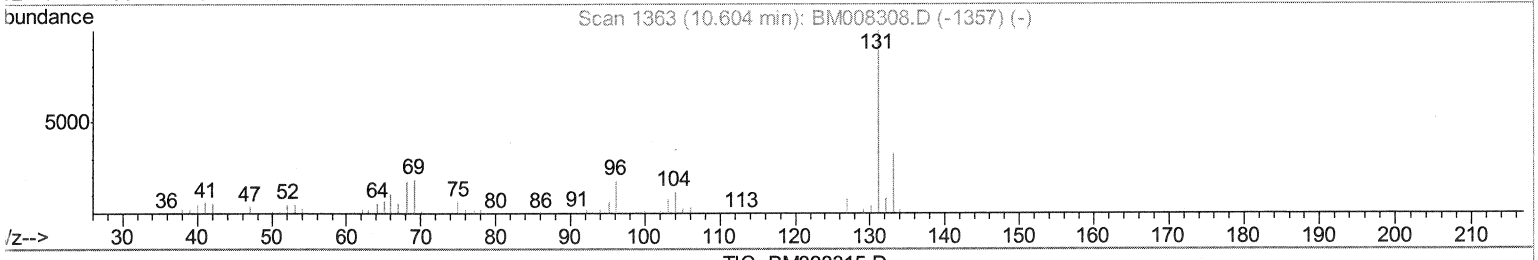
Quant Time: Dec 15 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
12/15/2016 5:36:20 PM







TIC: BM008315.D

(29) 4-Chloroaniline-d4 (S)

10.669min (+0.065) 0.71ng/ul

response 5387

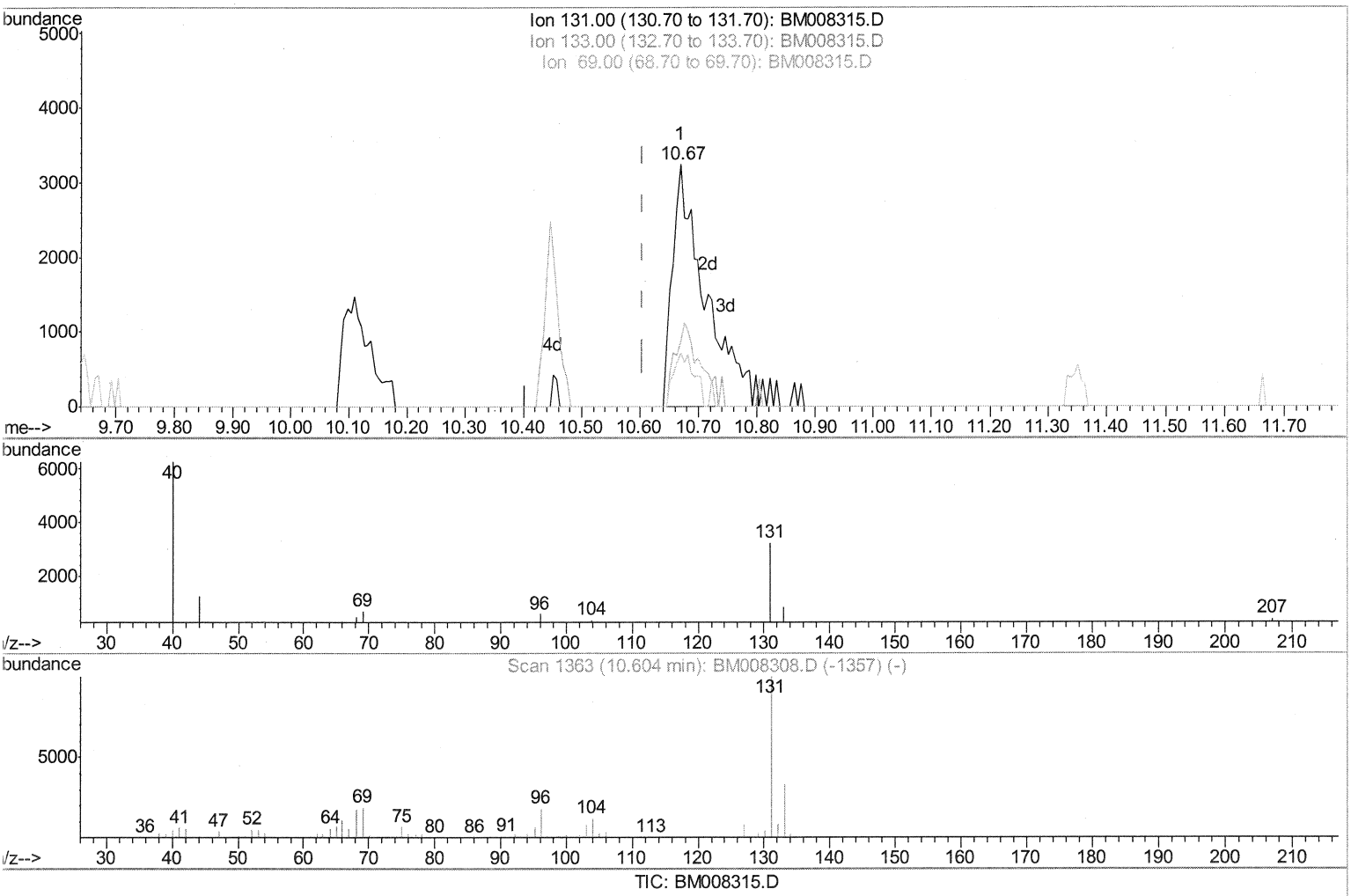
Ion	Exp%	Act%
131.00	100	100
133.00	34.20	27.33#
69.00	21.70	22.31
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 15 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
12/15/2016 5:36:20 PM



TIC: BM008315.D

(29) 4-Chloroaniline-d4 (S)

10.669min (+0.065) 1.63ng/ul m SJ 12/15/16

response 12370

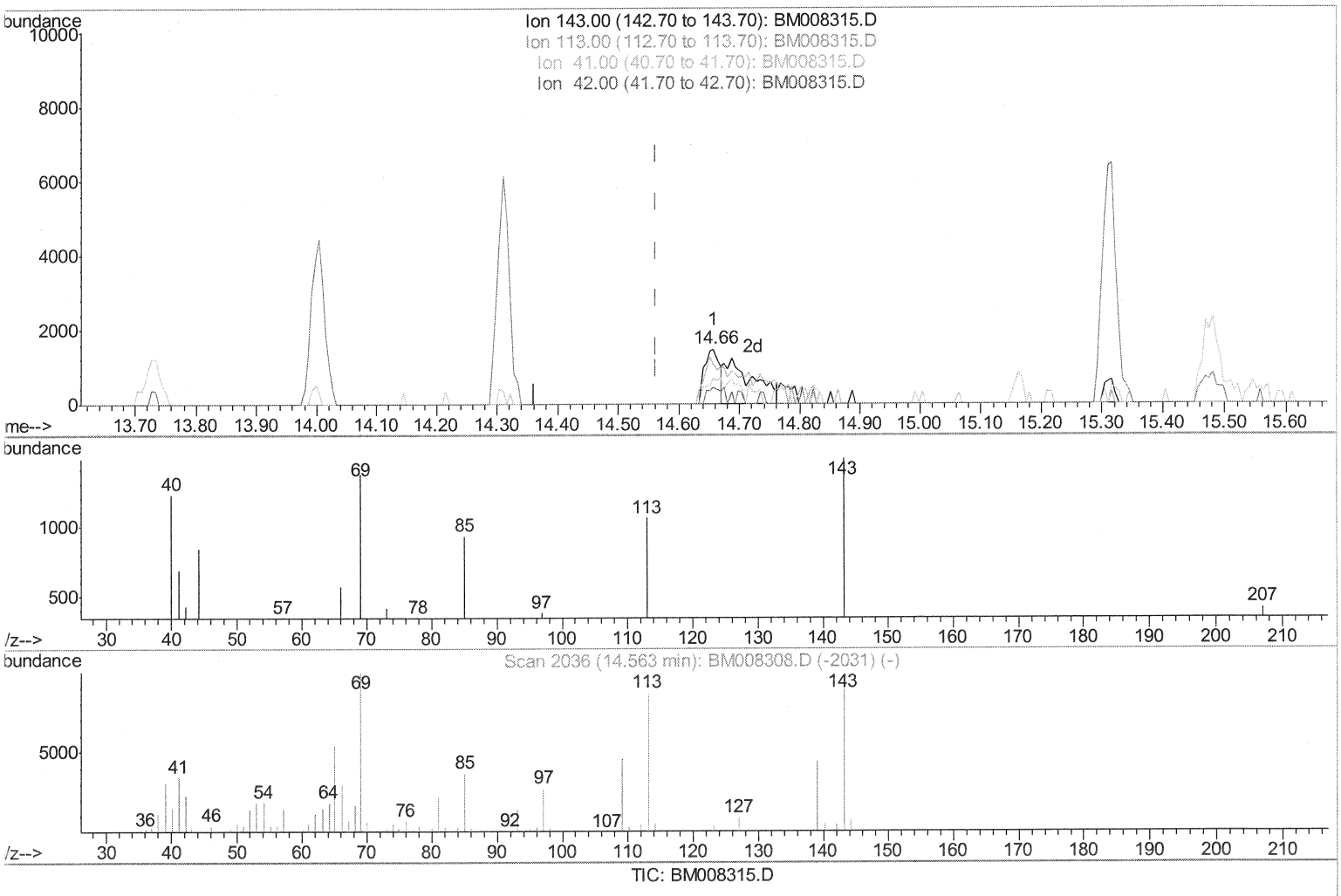
Ion	Exp%	Act%
131.00	100	100
133.00	34.20	27.33#
69.00	21.70	22.31
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 15 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
12/15/2016 5:36:20 PM



(51) 4-Nitrophenol-d4 (S)

14.657min (+0.094) 0.85ng/ul

response 2509

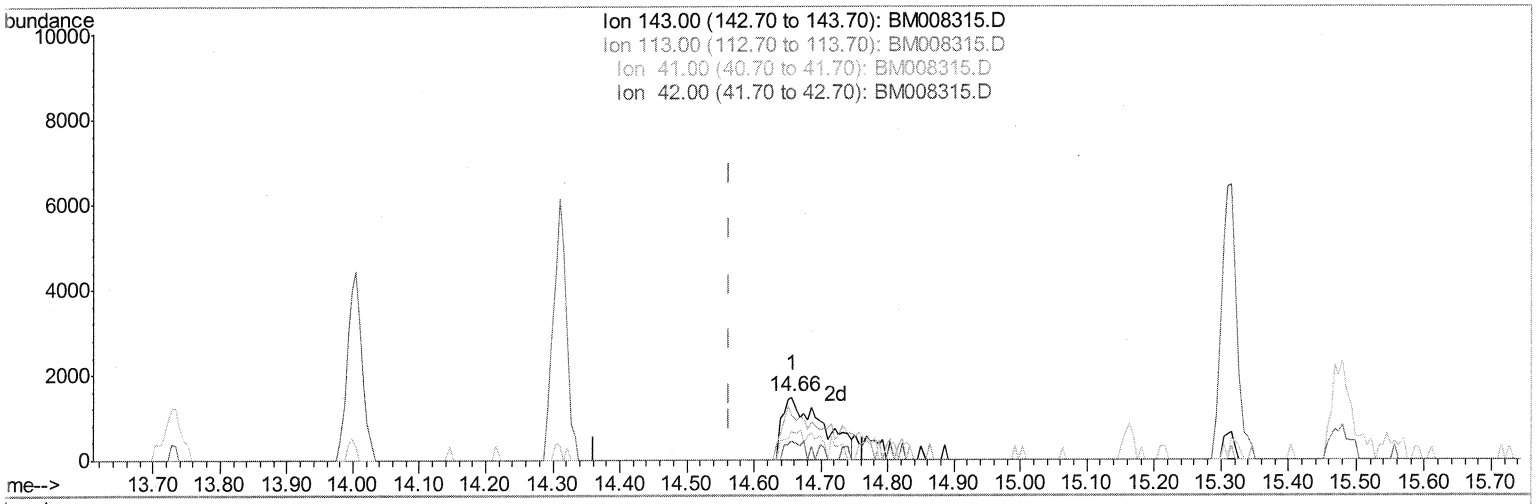
Ion	Exp%	Act%
143.00	100	100
113.00	101.20	71.51#
41.00	39.40	46.32
42.00	27.40	29.37

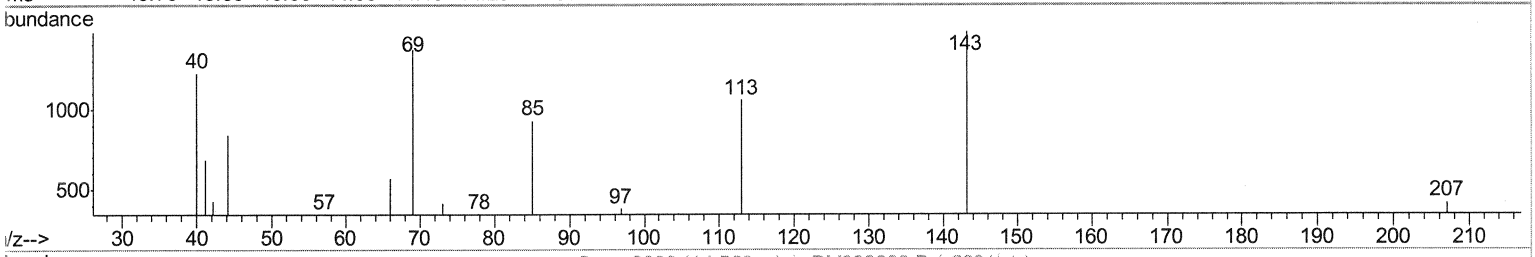
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

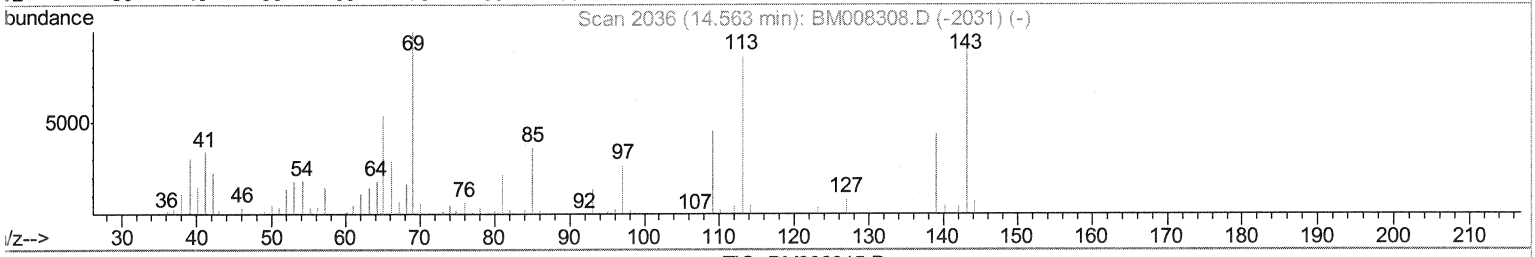
Quant Time: Dec 15 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA872

Manual Integrations APPROVED
sohil
12/15/2016 5:36:20 PM







TIC: BM008315.D

(51) 4-Nitrophenol-d4 (S)

14.657min (+0.094) 2.07ng/ul m SJ 12/15/16

response 6106

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	71.51#
41.00	39.40	46.32
42.00	27.40	29.37

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008315.D
Acq On : 14 Dec 2016 18:59
Operator : UM/SJ
Sample : H5996-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:28:30 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DA872

Manual Integrations APPROVED
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12/15/2016 5:36:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	116373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	450893	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	301342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	622836	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	815385	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	824652	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2295	0.93	ng/uL	0.00
5) Phenol-d5	6.88	99	33796	3.74	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.02	67	117967	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	116148	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	69326	9.91	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	74472	22.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	81896	22.68	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.10	165	129905m	19.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.67	131	12370m	1.63	ng/ul	0.06
43) Dimethylphthalate-d6	13.73	166	538715	26.89	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	614508	25.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	6106m	2.07	ng/ul	0.09
57) Fluorene-d10	15.31	176	448044	25.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	61878	16.69	ng/ul	0.00
70) Anthracene-d10	17.17	188	725767	26.75	ng/ul	0.00
76) Pyrene-d10	19.47	212	885604	28.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	906708	26.18	ng/ul	0.00

SJ 12/15/16

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Target Compounds	Qvalue

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