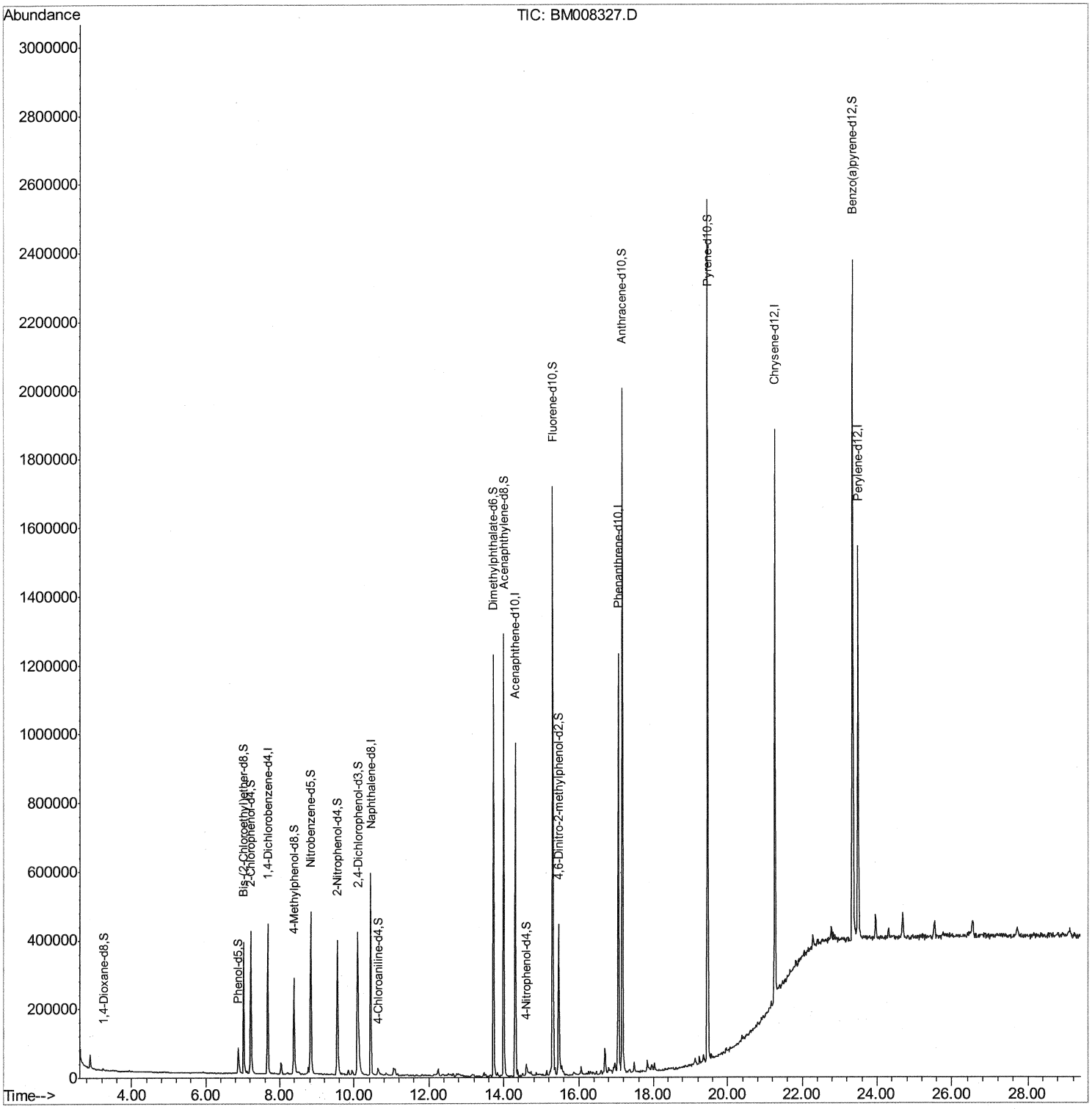
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008327.D
Acq On : 15 Dec 2016 02:12
Operator : UM/SJ
Sample : H5976-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Dec 15 03:13:45 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 02:56:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8P7

Manual Integrations APPROVED
sohil
12/15/2016 5:37:23 PM

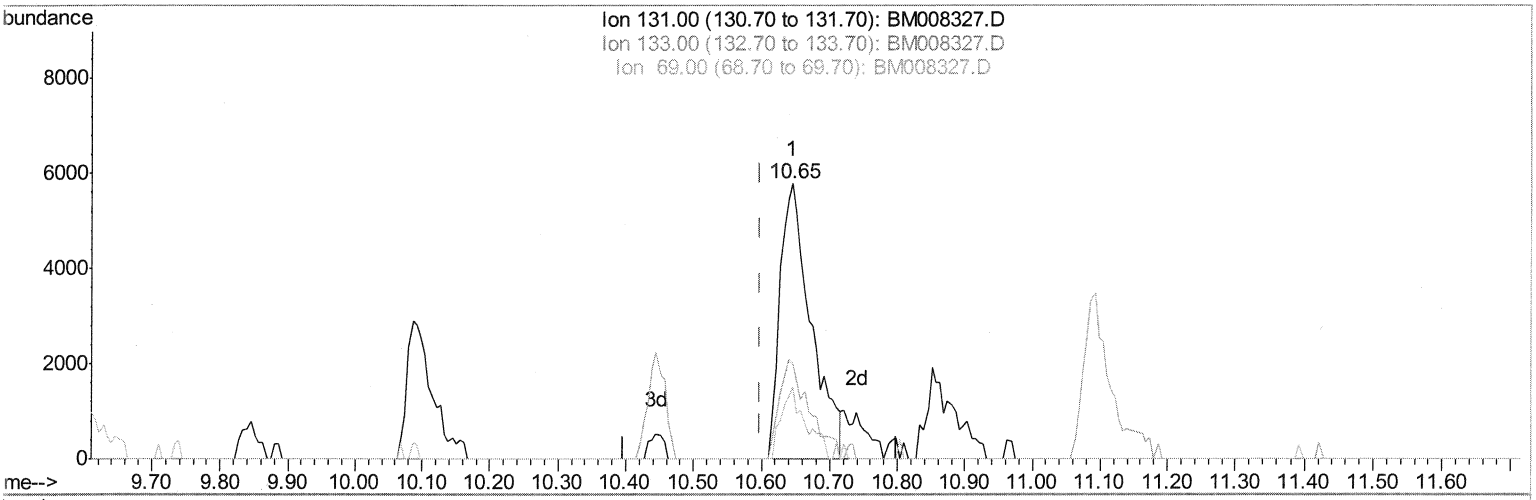


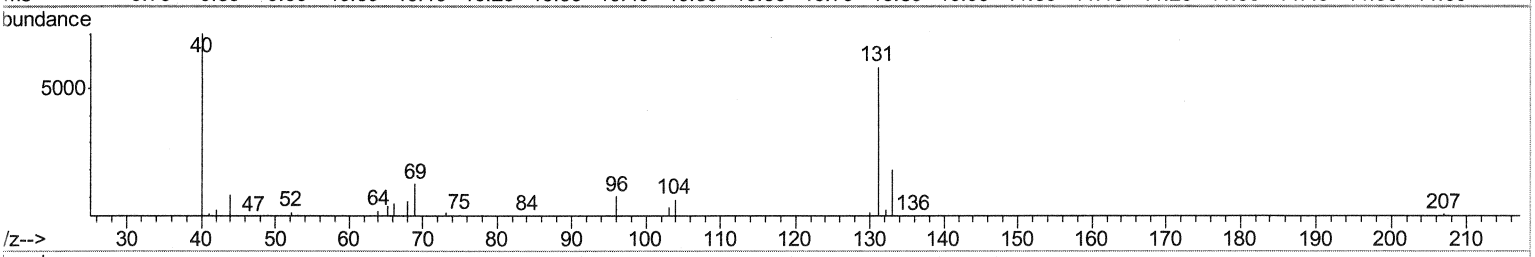
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008327.D
Acq On : 15 Dec 2016 02:12
Operator : UM/SJ
Sample : H5976-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

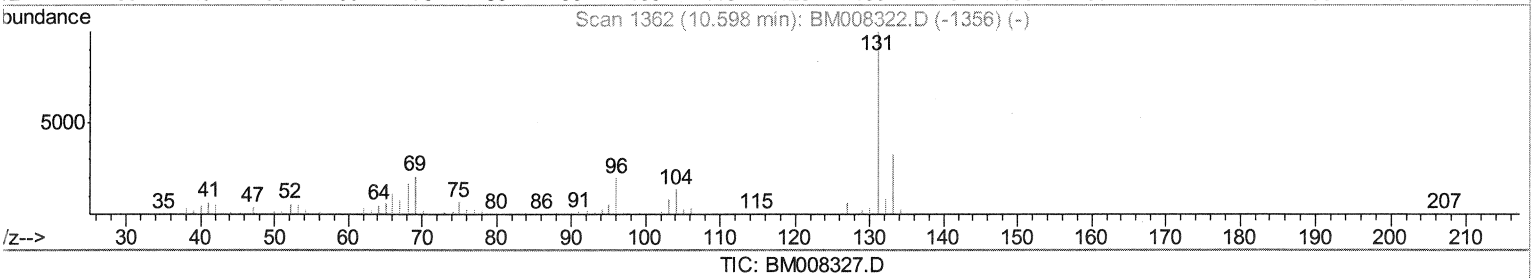
Quant Time: Dec 15 03:01:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8P7

Manual Integrations APPROVED
sohil
12/15/2016 5:37:23 PM







TIC: BM008327.D

(29) 4-Chloroaniline-d4 (S)

10.645min (+0.047) 2.23ng/ul

response 18316

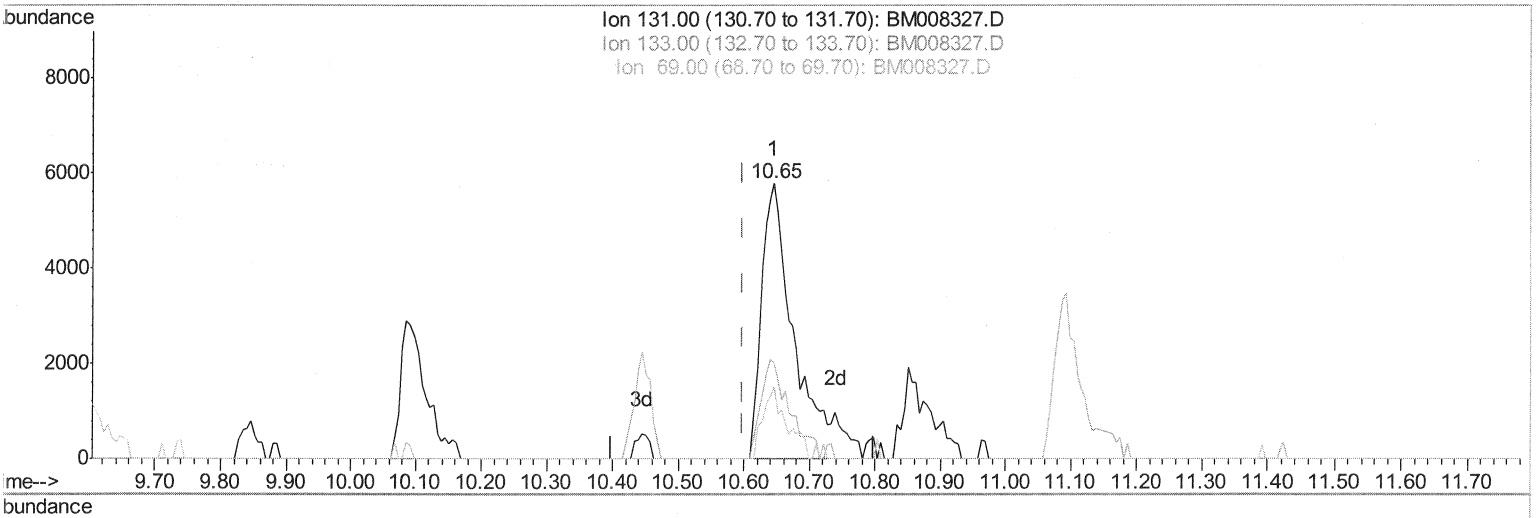
Ion	Exp%	Act%
131.00	100	100
133.00	34.20	34.40
69.00	21.70	25.80
0.00	0.00	0.00

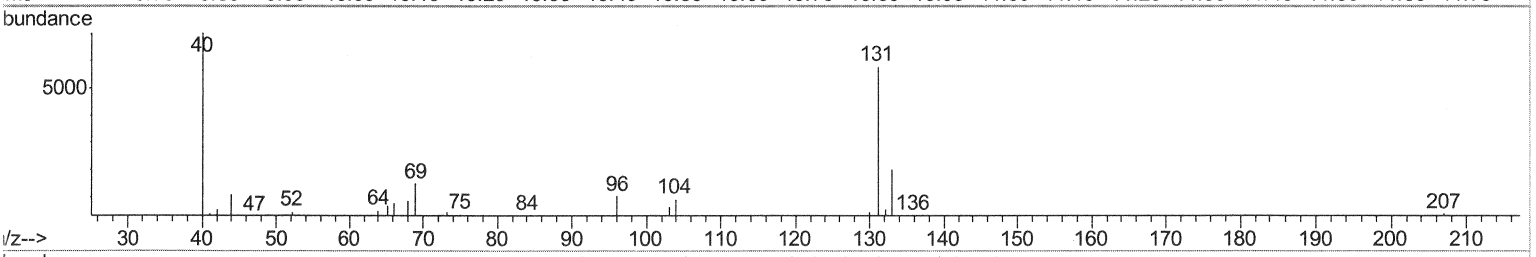
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008327.D
Acq On : 15 Dec 2016 02:12
Operator : UM/SJ
Sample : H5976-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

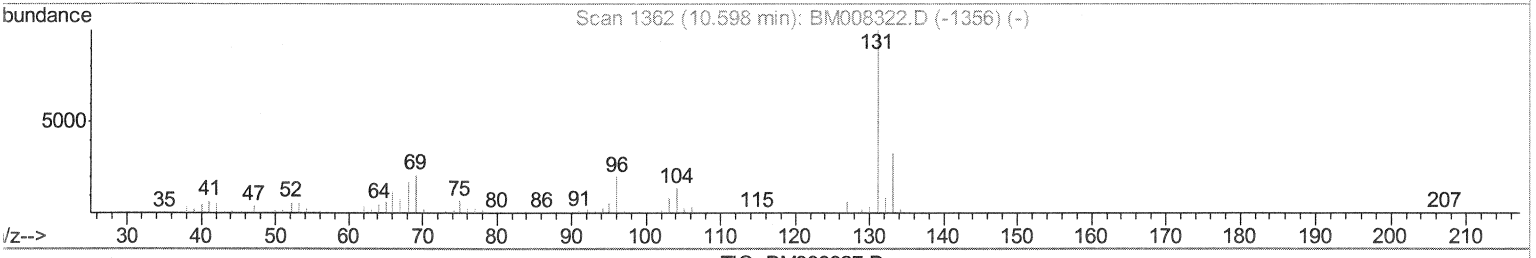
Quant Time: Dec 15 03:01:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8P7

Manual Integrations APPROVED
sohil
12/15/2016 5:37:23 PM







TIC: BM008327.D

(29) 4-Chloroaniline-d4 (S)

10.645min (+0.047) 2.51ng/ul m SJ 12/15/16

response 20590

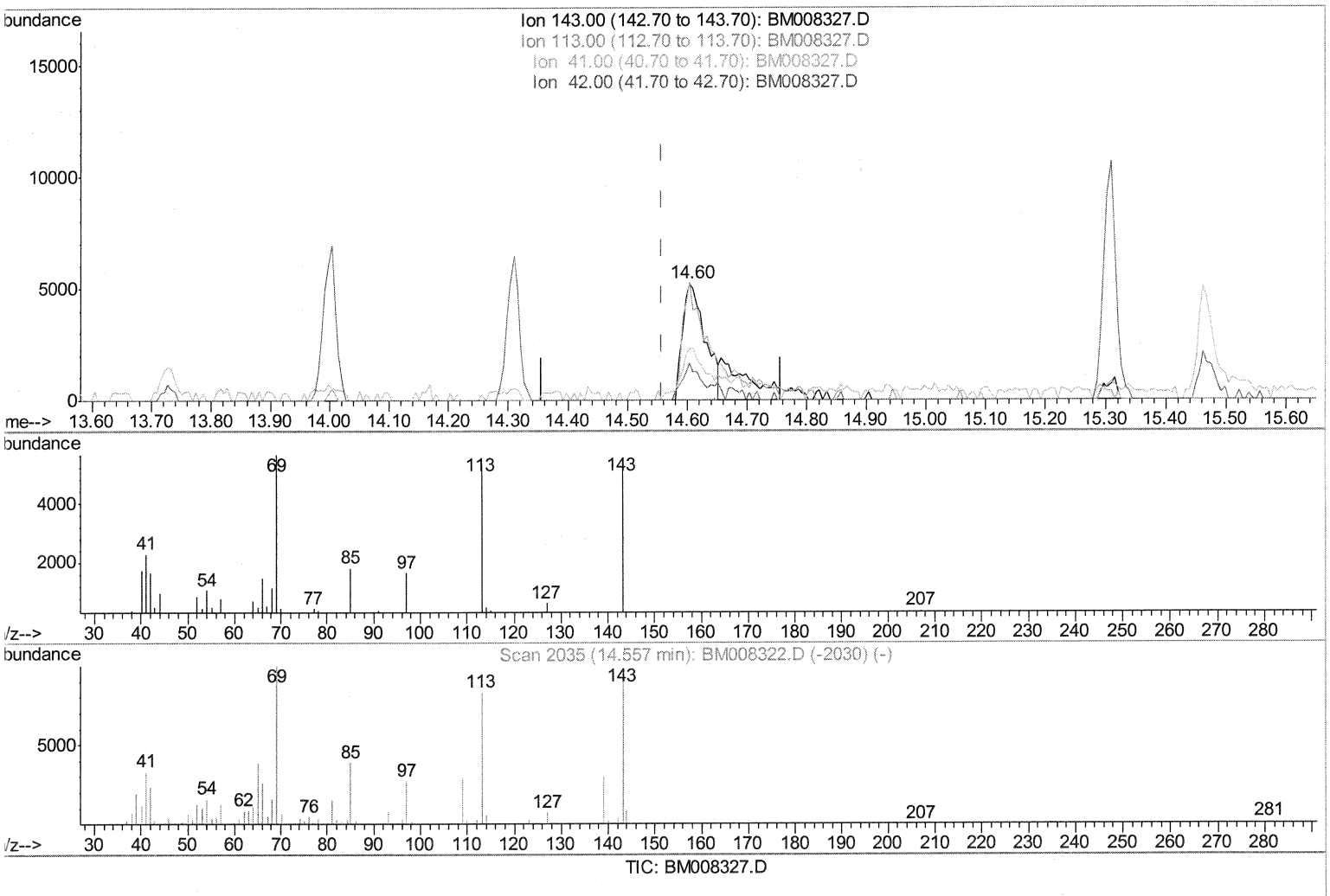
Ion	Exp%	Act%
131.00	100	100
133.00	34.20	34.40
69.00	21.70	25.80
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008327.D
Acq On : 15 Dec 2016 02:12
Operator : UM/SJ
Sample : H5976-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Dec 15 03:01:11 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 02:56:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8P7

Manual Integrations APPROVED
sohil
12/15/2016 5:37:23 PM



TIC: BM008327.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.047) 4.24ng/ul

response 13641

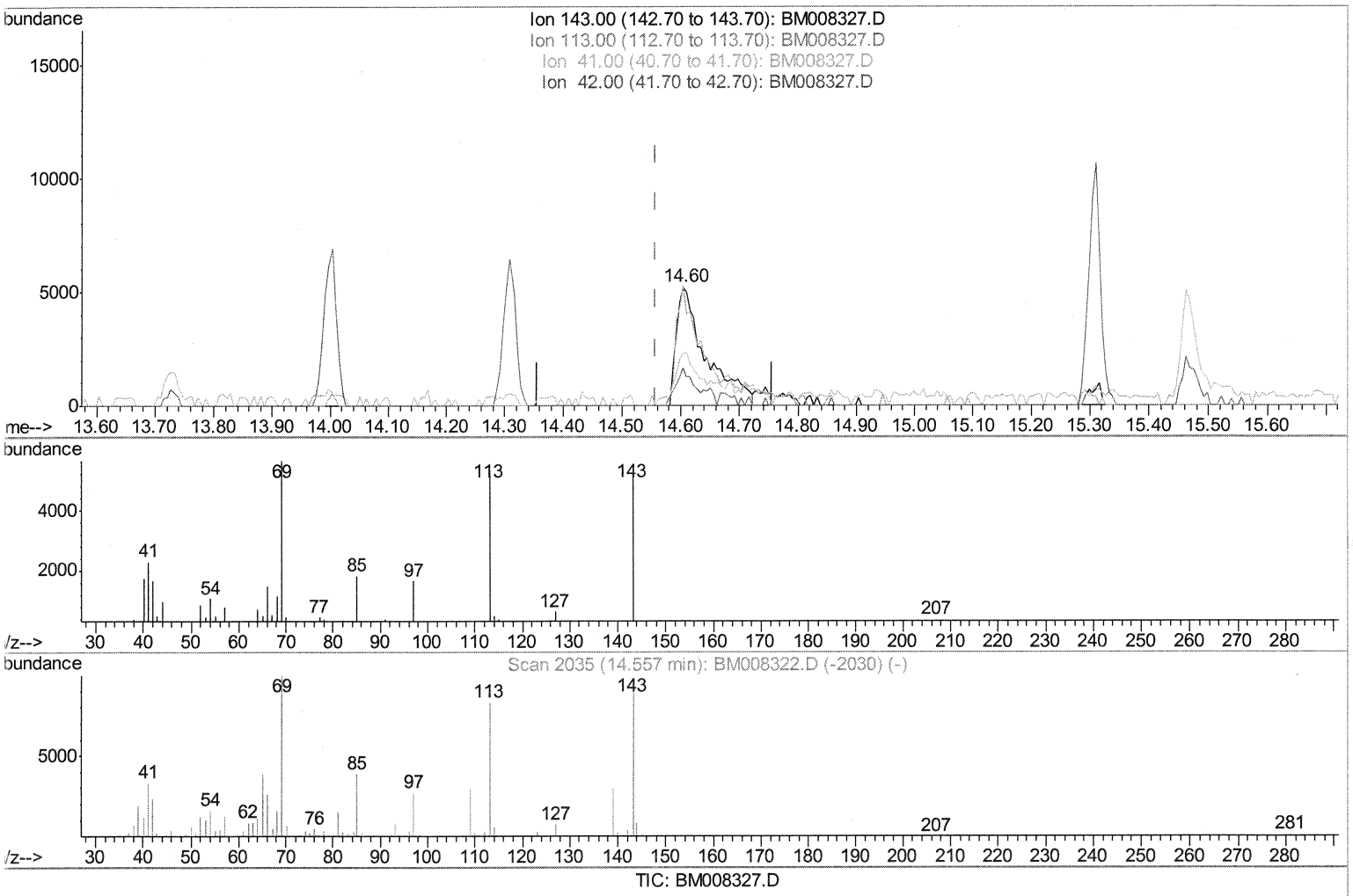
Ion	Exp%	Act%
143.00	100	100
113.00	101.20	101.31
41.00	39.40	43.74
42.00	27.40	32.11

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008327.D
Acq On : 15 Dec 2016 02:12
Operator : UM/SJ
Sample : H5976-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Dec 15 03:01:11 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 02:56:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8P7

Manual Integrations APPROVED
sohil
12/15/2016 5:37:23 PM



TIC: BM008327.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.047) 5.72ng/ul m SJ 12/15/16

response 18429

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	101.31
41.00	39.40	43.74
42.00	27.40	32.11

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008327.D
Acq On : 15 Dec 2016 02:12
Operator : UM/SJ
Sample : H5976-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Dec 15 03:13:45 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 02:56:44 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DA8P7

Manual Integrations APPROVED
sohil
12/15/2016 5:37:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	122926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	488497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	328887	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	688774	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	880485	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	888887	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3845	1.47	ng/uL	0.01
5) Phenol-d5	6.87	99	66003	6.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	176474	32.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	194641	27.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	123205	16.68	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	122789	34.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	134244	34.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	224724	31.34	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	20590m	2.51	ng/ul	0.05
43) Dimethylphthalate-d6	13.73	166	821543	37.58	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	945447	36.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	18429m	5.72	ng/ul	0.05
57) Fluorene-d10	15.31	176	690261	36.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	120761	29.45	ng/ul	0.00
70) Anthracene-d10	17.16	188	1110852	37.02	ng/ul	0.00
76) Pyrene-d10	19.46	212	1354317	39.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1398753	37.47	ng/ul	0.00

SJ 12/15/16

SJ 12/15/16

Target Compounds	Qvalue

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