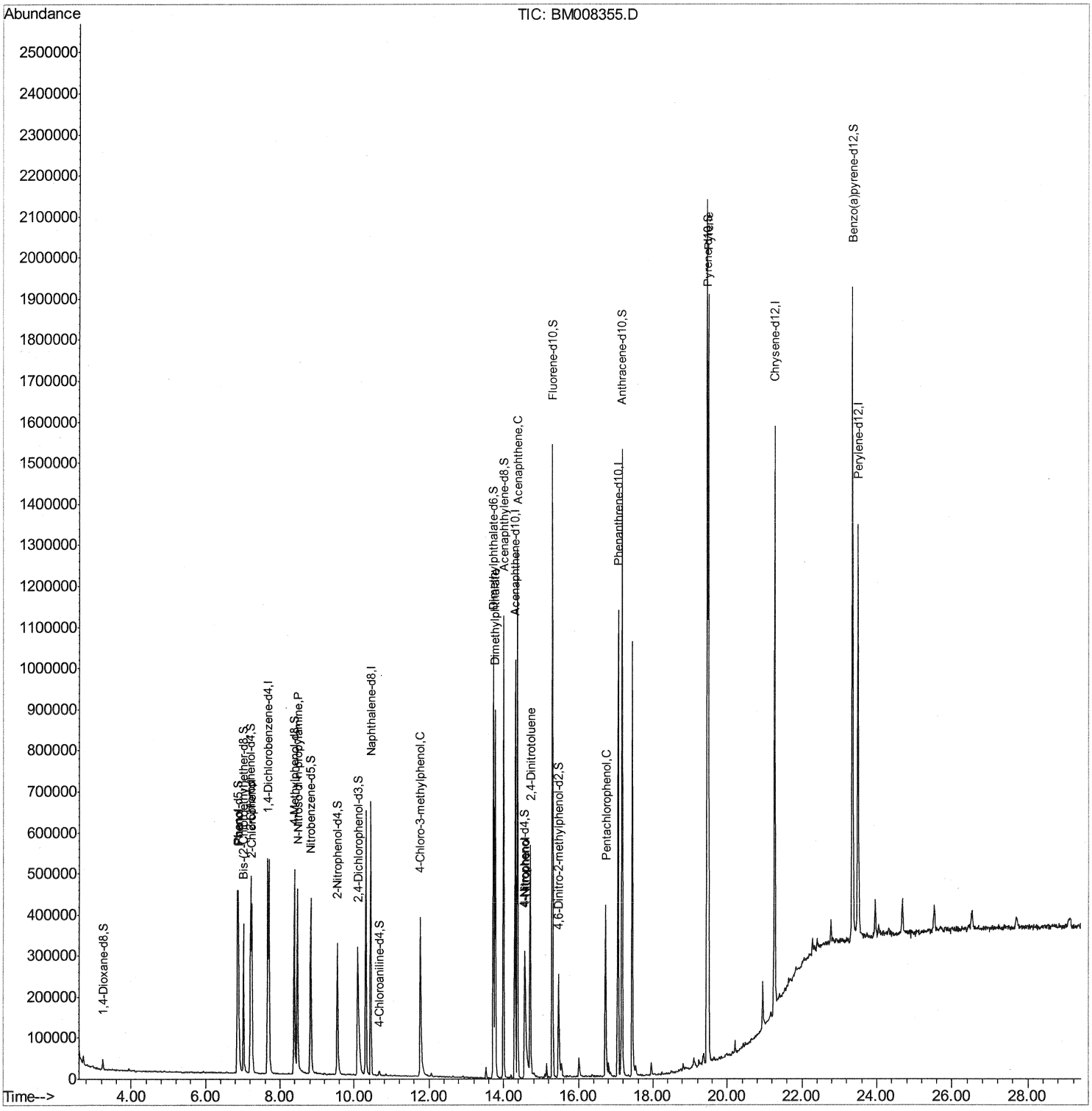
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 03:33:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
sohil
12/16/2016 6:21:39 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 03:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
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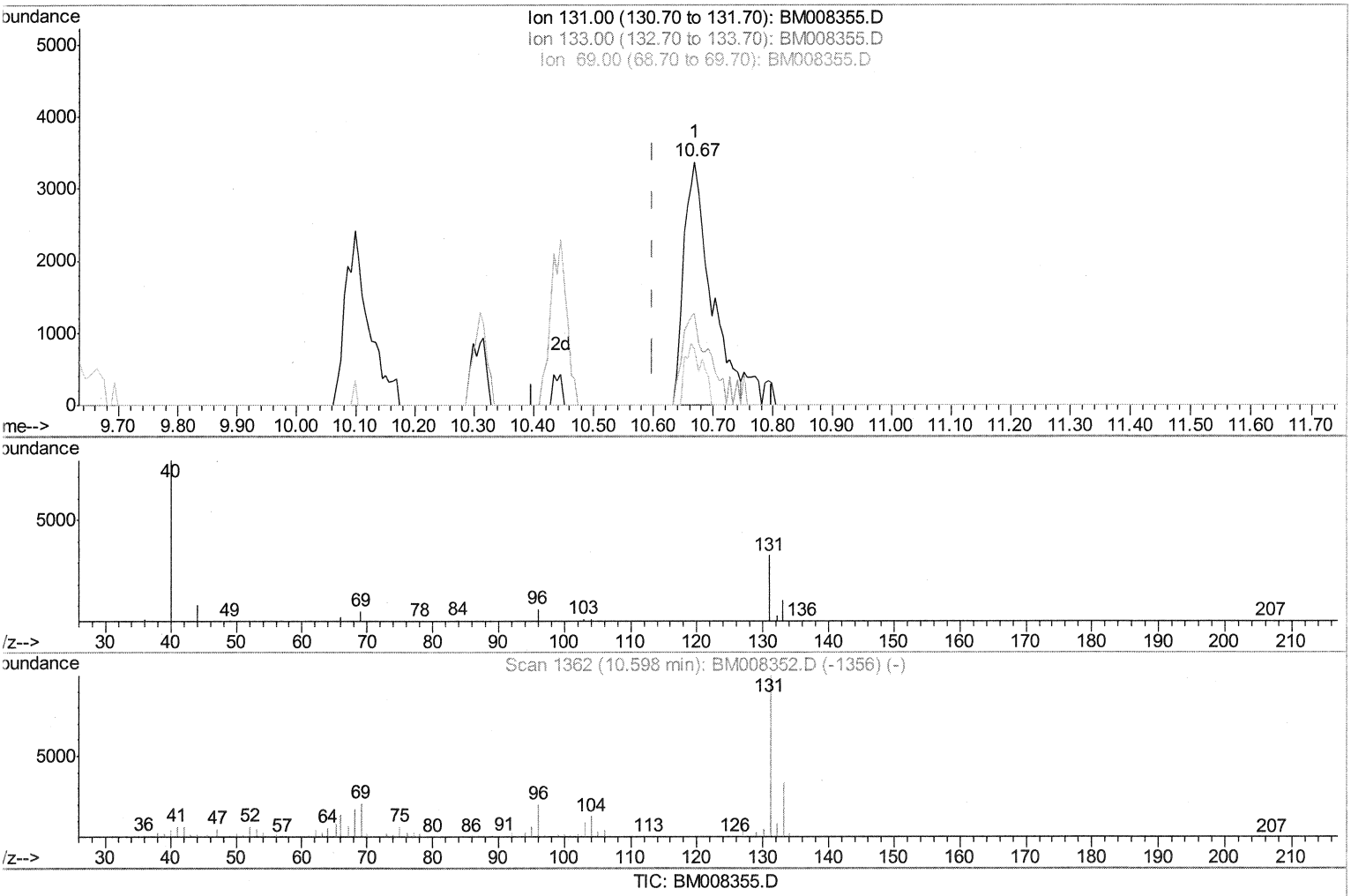
12/16/2016 6:21:39 PM



(29) 4-Chloroaniline-d4 (S)

10.669min (+0.071) 1.15ng/ul

response 10438

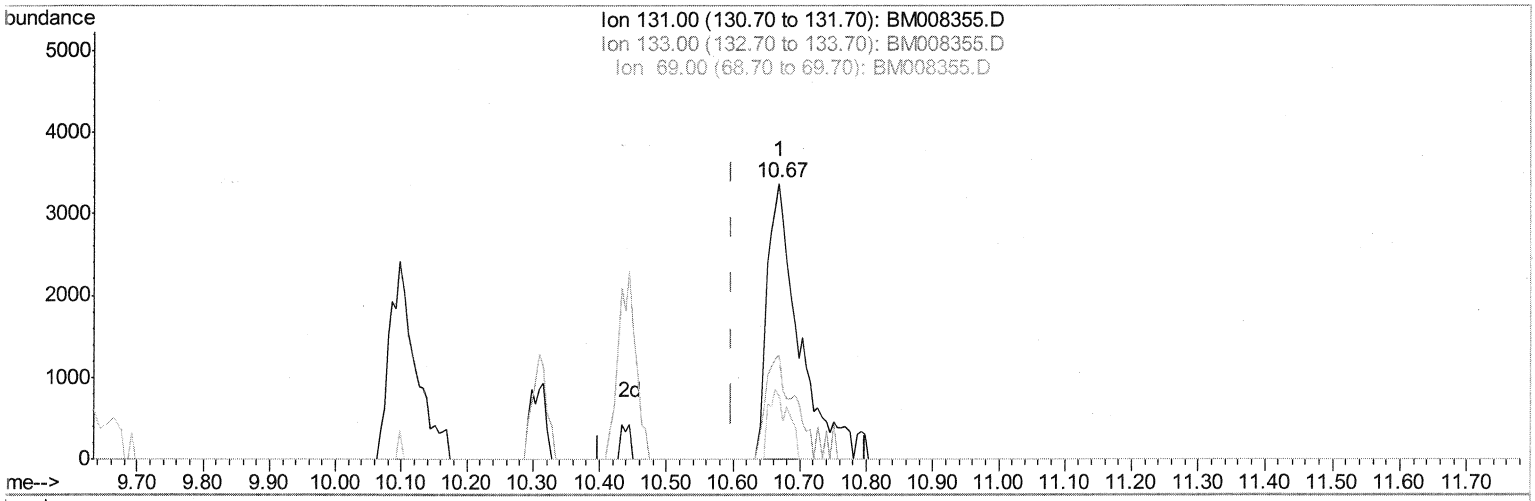
Ion	Exp%	Act%
131.00	100	100
133.00	34.20	37.64
69.00	21.70	23.05
0.00	0.00	0.00

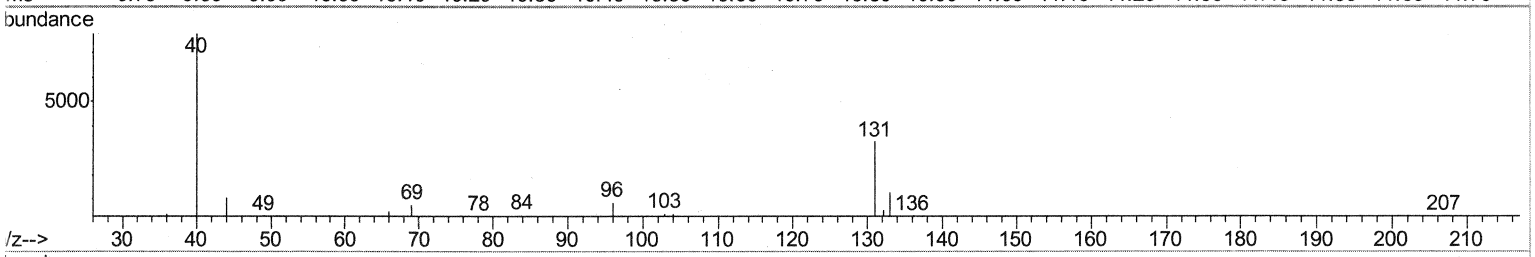
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

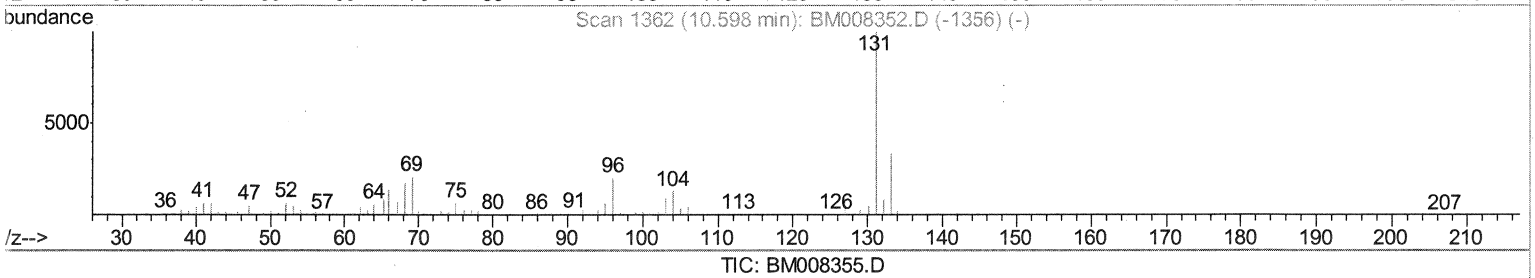
Quant Time: Dec 16 03:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
sohil
12/16/2016 6:21:39 PM







TIC: BM008355.D

(29) 4-Chloroaniline-d4 (S)

10.669min (+0.071) 1.23ng/ul m SJ 12/20/16

response 11134

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	37.64
69.00	21.70	23.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 03:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214I
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
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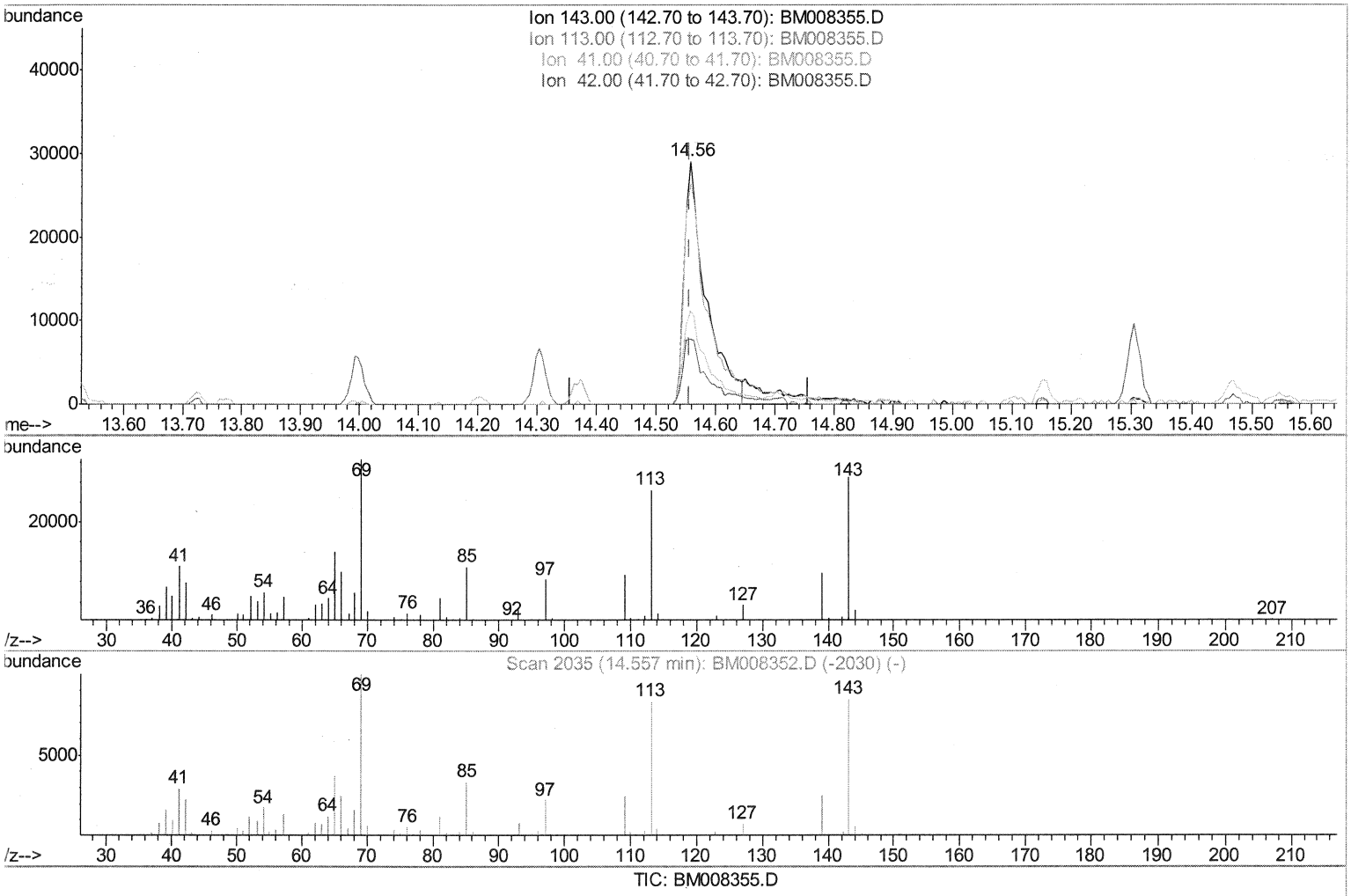


TIC: BM008355.D

(51) 4-Nitrophenol-d4 (S)

14.557min (+0.000) 21.68ng/ul

response 72940

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	91.13
41.00	39.40	38.43
42.00	27.40	26.84

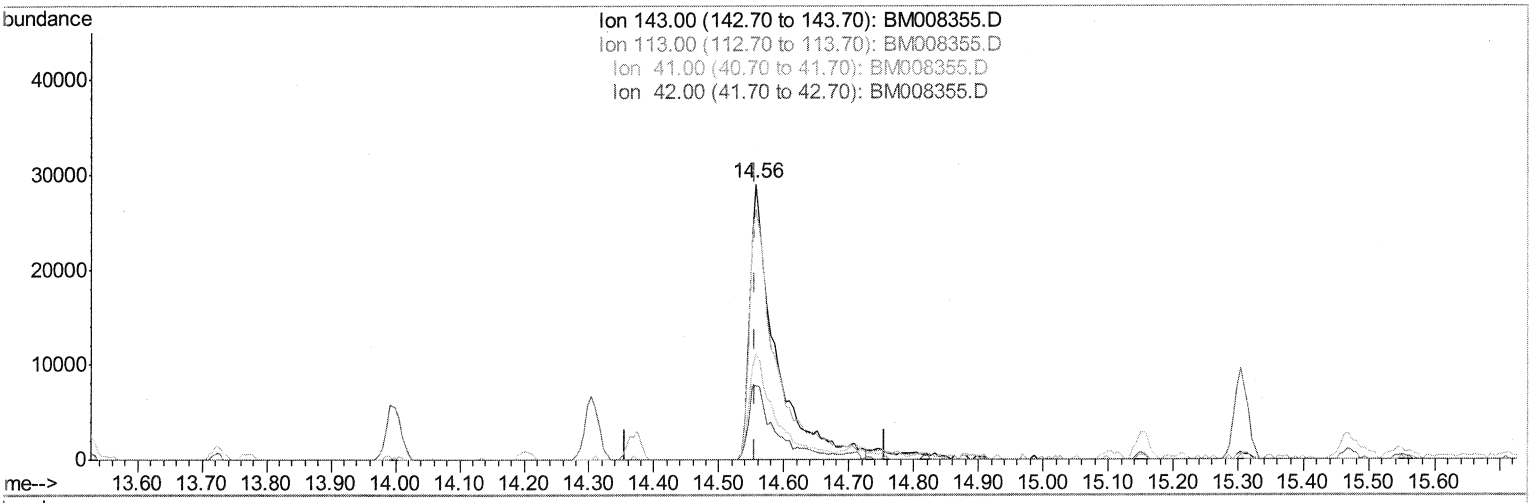
Quantitation Report (Qedit)

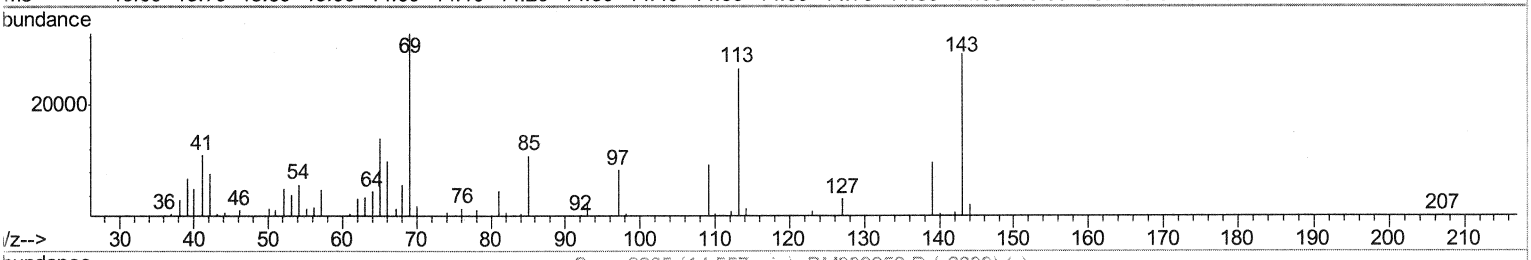
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

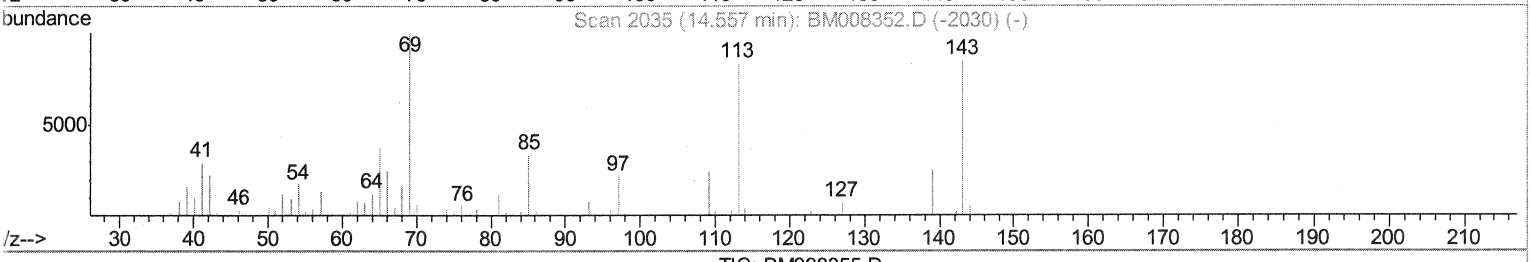
Quant Time: Dec 16 03:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214I
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
sohil
12/16/2016 6:21:39 PM







TIC: BM008355.D

(51) 4-Nitrophenol-d4 (S)

14.557min (+0.000) 24.15ng/ul m SJ 12/20/16

response 81256

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	91.13
41.00	39.40	38.43
42.00	27.40	26.84

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 03:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
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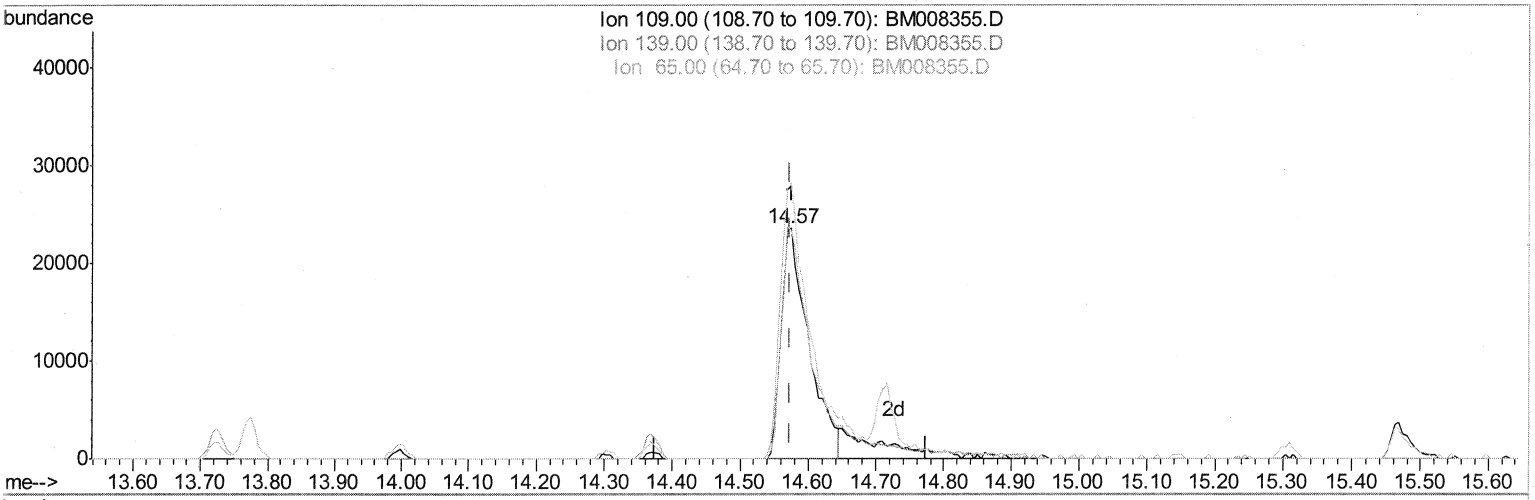

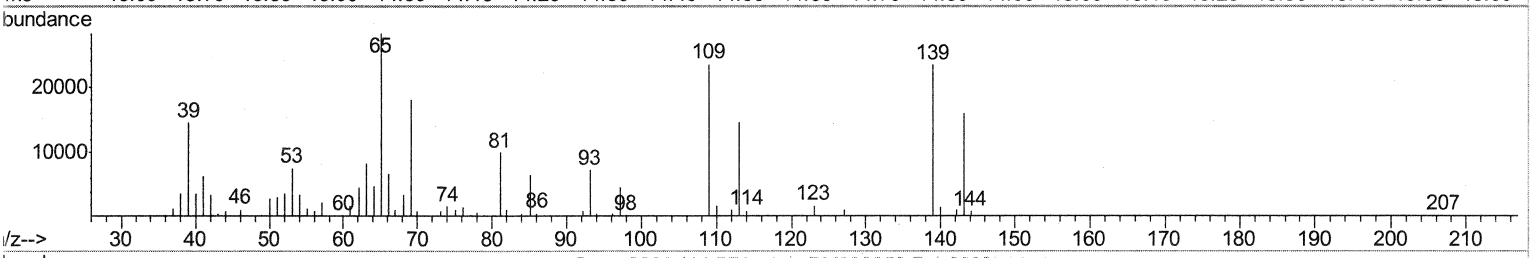

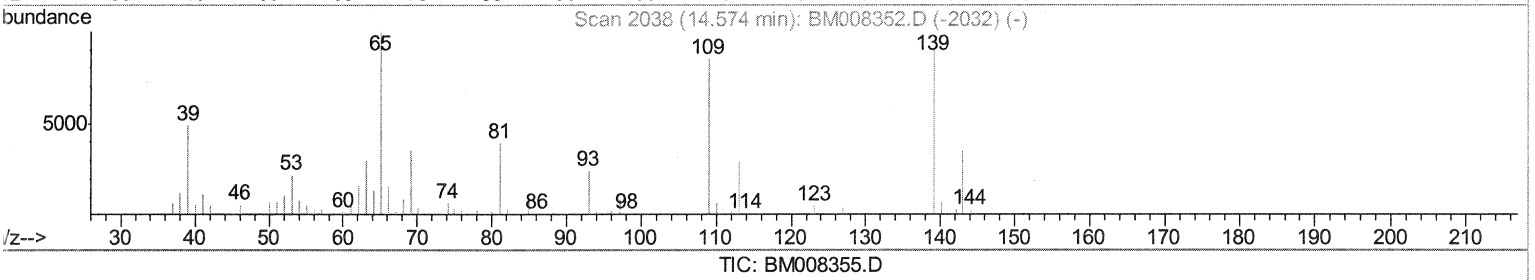

TIC: BM008355.D

(52) 4-Nitrophenol

14.574min (+0.000) 20.67ng/ul

response 66689

Ion	Exp%	Act%
109.00	100	100
139.00	104.10	99.35
65.00	116.20	119.86
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 03:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8F8MS

Manual Integrations APPROVED
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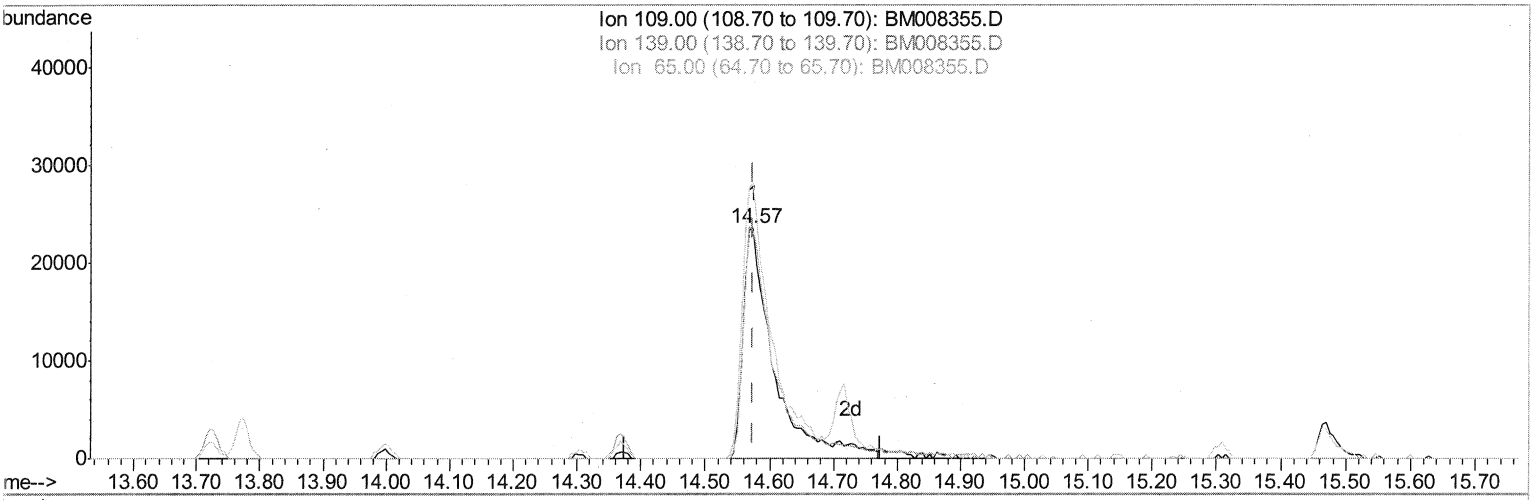

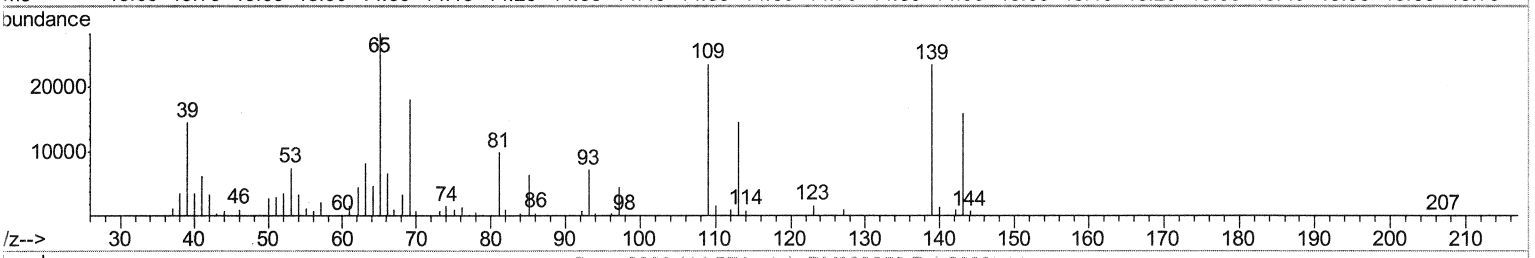

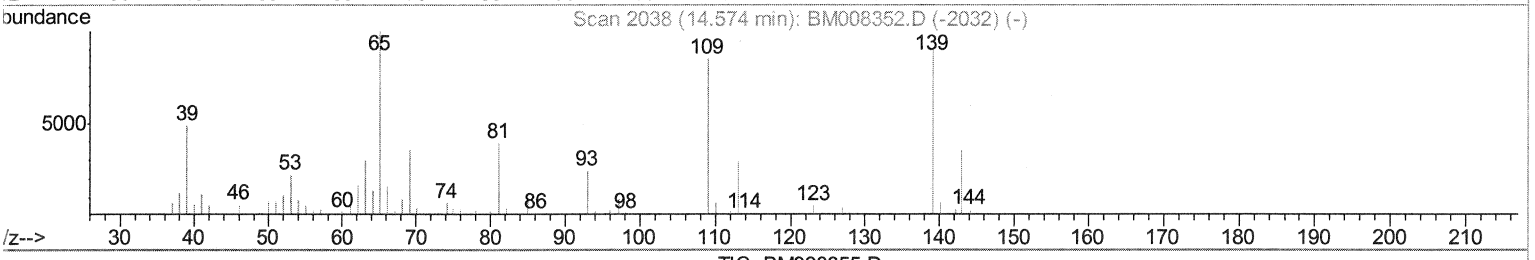

TIC: BM008355.D

(52) 4-Nitrophenol

14.574min (+0.000) 24.20ng/ul m SJ 12/20/16

response 78106

Ion	Exp%	Act%
109.00	100	100
139.00	104.10	99.35
65.00	116.20	119.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008355.D
Acq On : 15 Dec 2016 22:26
Operator : UM/SJ
Sample : H5937-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 16 03:33:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DA8F8MS

Manual Integrations APPROVED
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12/16/2016 6:21:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.67	152	137221	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.44	136	537403	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.30	164	343525	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.06	188	660164	20.00	ng/ul	0.00	
75) Chrysene-d12	21.26	240	802699	20.00	ng/ul	0.00	
83) Perylene-d12	23.49	264	837346	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.23	96	11880	4.07	ng/uL	0.00	
5) Phenol-d5	6.85	99	263919	24.79	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.01	67	167409	27.36	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.20	132	203839	25.45	ng/ul	0.00	
13) 4-Methylphenol-d8	8.38	113	207186	25.13	ng/ul	0.00	
19) Nitrobenzene-d5	8.83	128	107585	27.70	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.55	143	112536	26.15	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.09	165	191479	24.28	ng/ul	0.01	
29) 4-Chloroaniline-d4	10.67	131	11134m	1.23	ng/ul	0.07	SJ 12/20/16
43) Dimethylphthalate-d6	13.72	166	695293	30.45	ng/ul	0.00	
46) Acenaphthylene-d8	14.00	160	789676	29.26	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.56	143	81256m	24.15	ng/ul	0.00	SJ 12/20/16
57) Fluorene-d10	15.30	176	604486	30.45	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.47	200	71662	18.24	ng/ul	0.00	
70) Anthracene-d10	17.16	188	900233	31.30	ng/ul	0.00	
76) Pyrene-d10	19.46	212	1082778	34.93	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.34	264	1151620	32.75	ng/ul	0.00	
Target Compounds						Qvalue	
6) Phenol	6.88	94	253825	22.96	ng/ul	99	
10) 2-Chlorophenol	7.23	128	178123	22.02	ng/ul	99	
15) N-Nitroso-di-n-propylamine	8.47	70	173986	25.12	ng/ul	98	
33) 4-Chloro-3-methylphenol	11.76	107	204396	23.77	ng/ul	99	
44) Dimethylphthalate	13.77	163	612572	27.37	ng/ul	99	
49) Acenaphthene	14.37	153	499104	26.44	ng/ul	99	
52) 4-Nitrophenol	14.57	109	78106m	24.20	ng/ul		SJ 12/20/16
54) 2,4-Dinitrotoluene	14.72	165	164140	25.14	ng/ul#	72	
68) Pentachlorophenol	16.73	266	91906	20.69	ng/ul	98	
77) Pyrene	19.49	202	1202203	30.50	ng/ul	99	

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