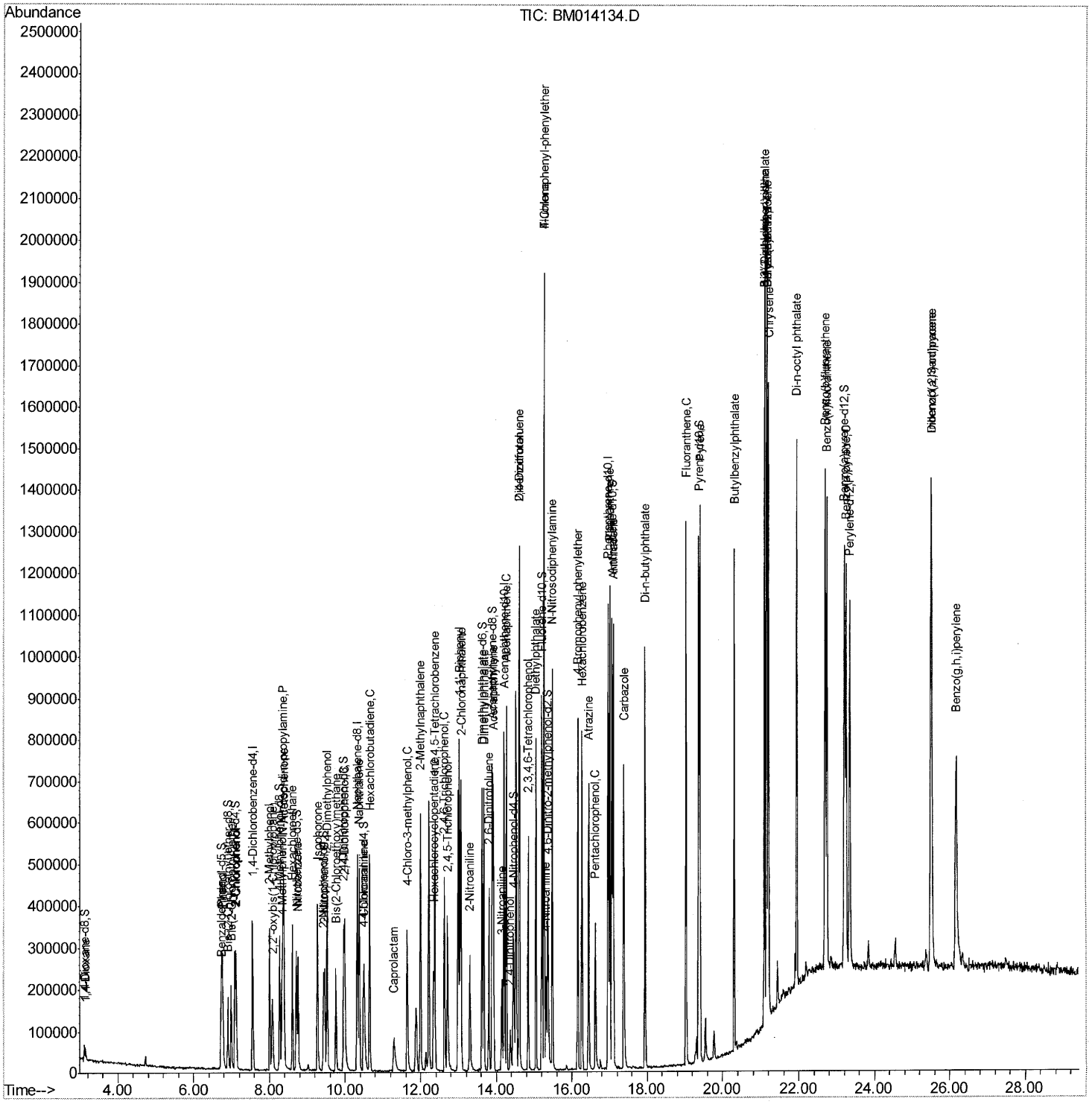
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 04:14:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM

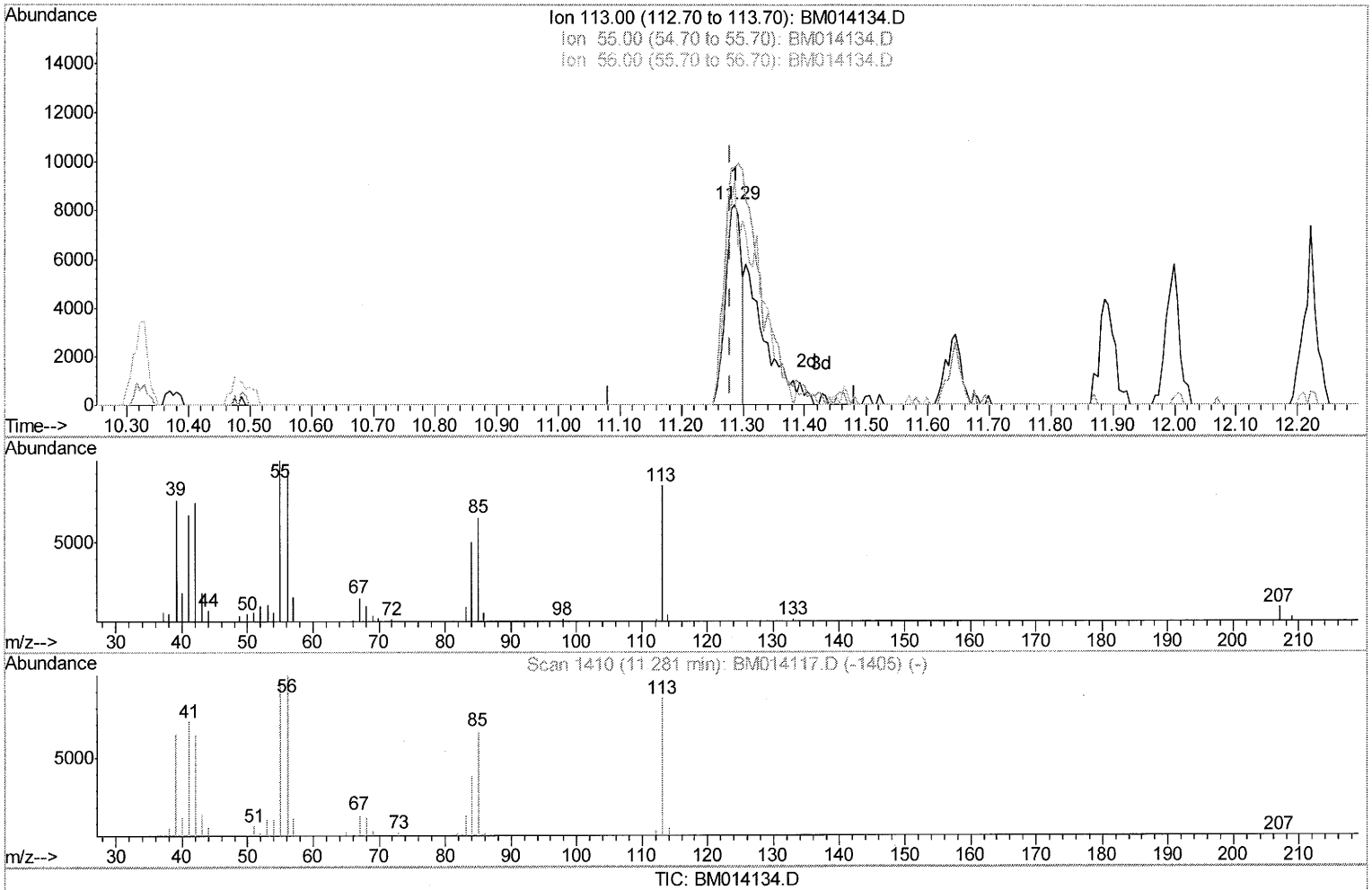


Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 04:10:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM



TIC: BM014134.D

(32) Caprolactam

11.286min (+0.006) 9.58ng/ul

response 14651

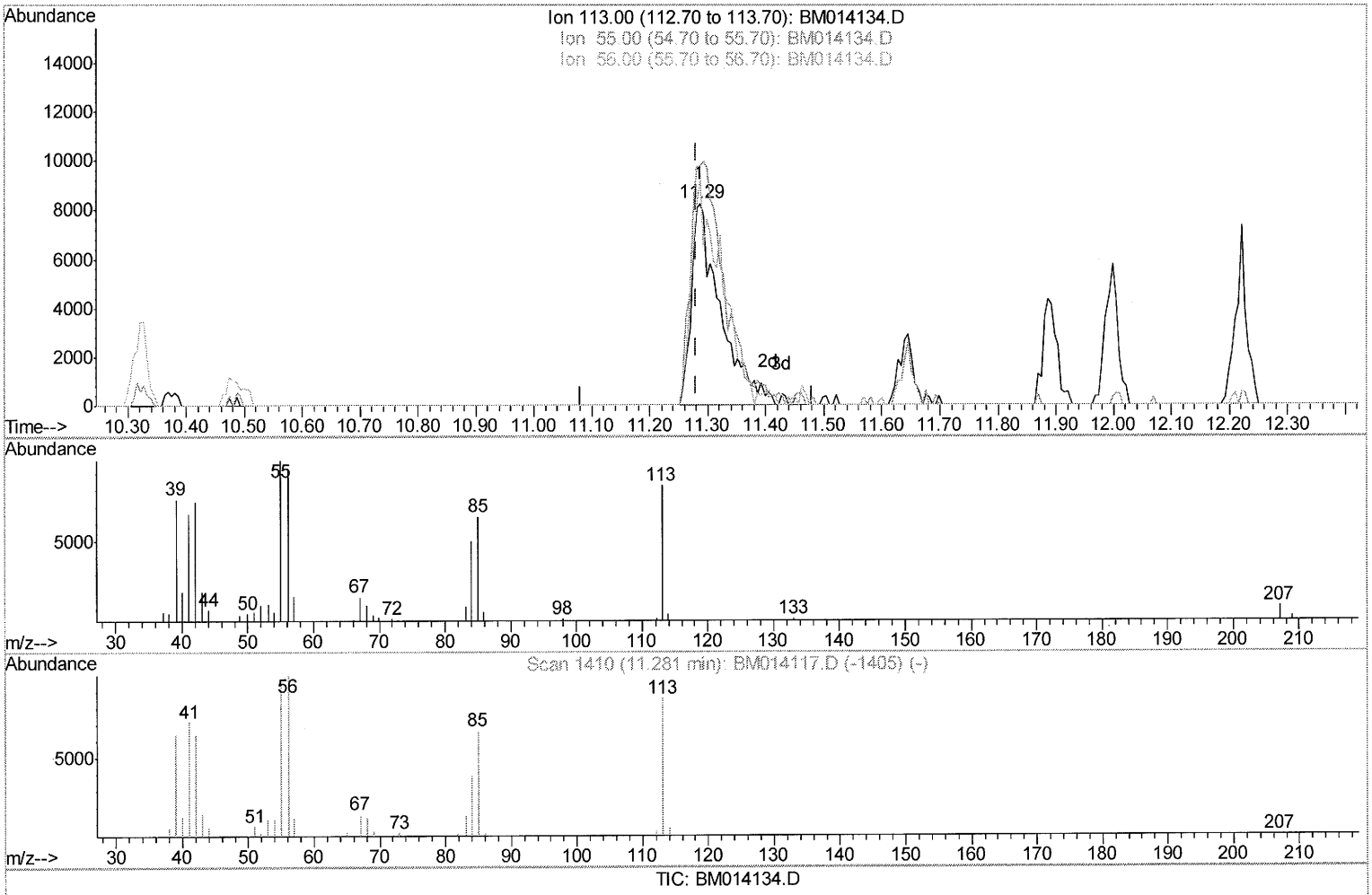
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	118.44#
56.00	200.00	111.98#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 04:10:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM



TIC: BM014134.D

(32) Caprolactam

11.286min (+0.006) 18.92ng/ul m SJ 2/7/18

response 28923

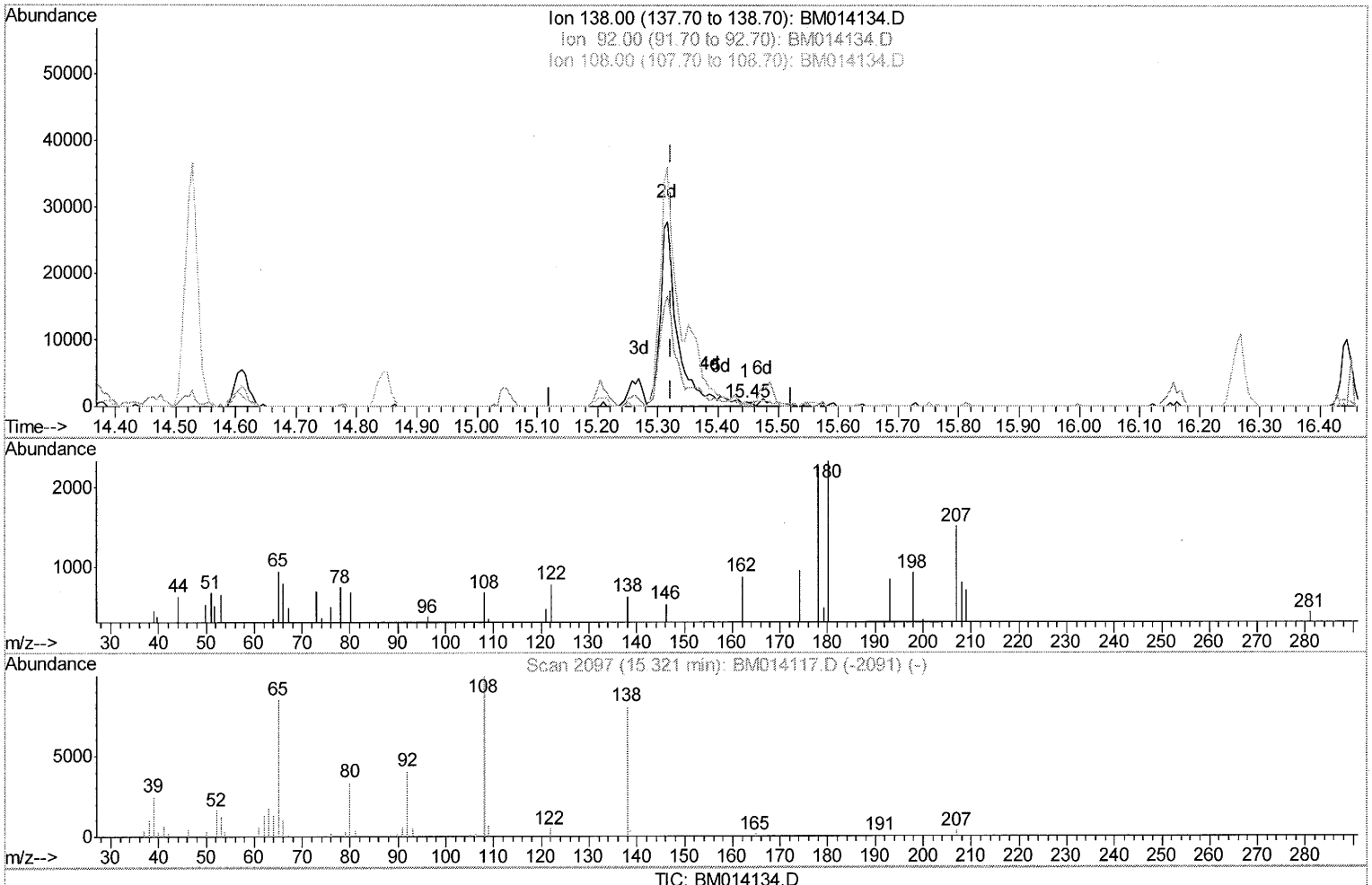
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	118.44#
56.00	200.00	111.98#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 04:10:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM



TIC: BM014134.D

(60) 4-Nitroaniline

15.445min (+0.124) 0.18ng/ul

response 578

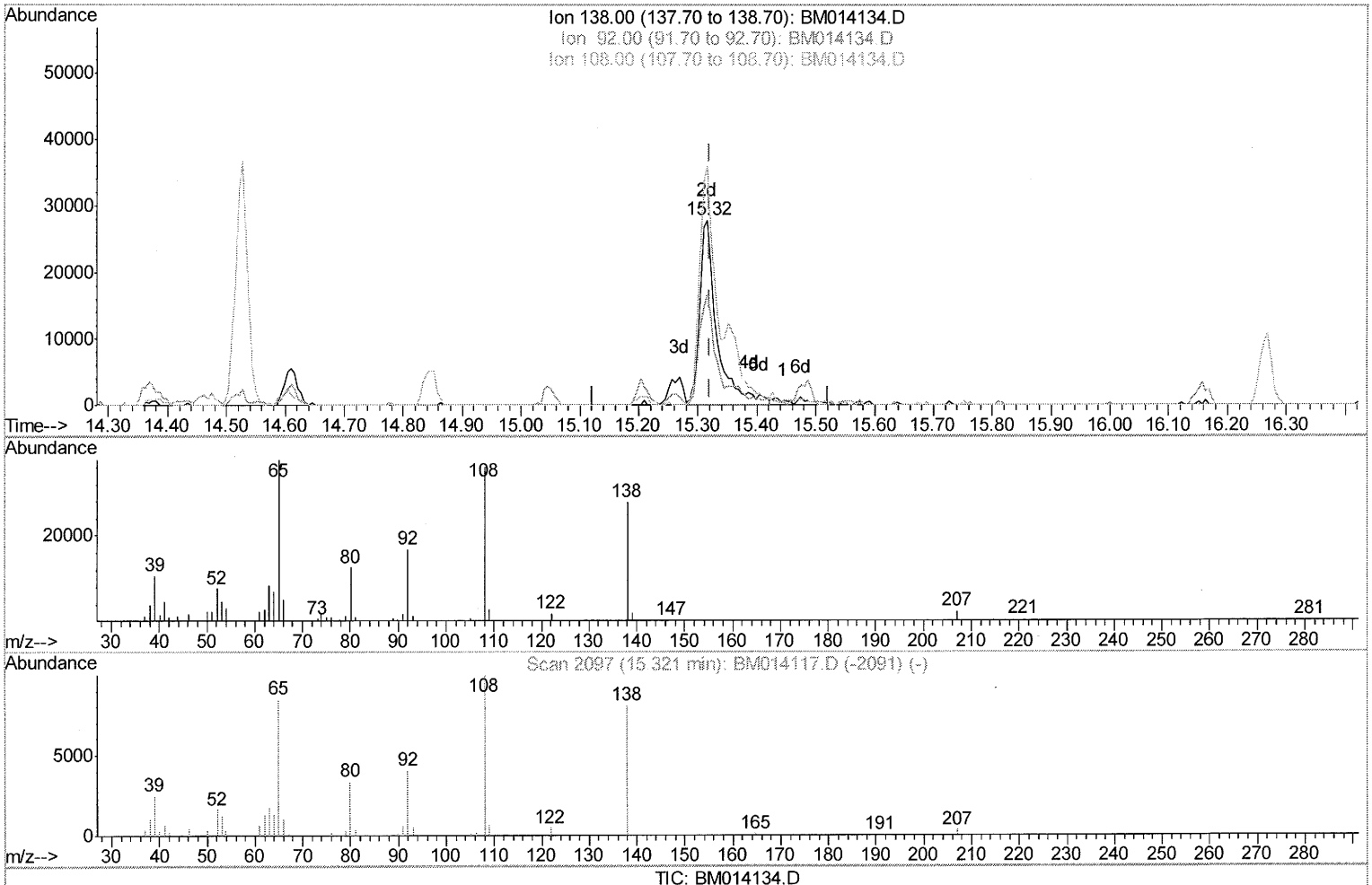
Ion	Exp%	Act%
138.00	100	100
92.00	50.00	49.53
108.00	100.00	107.28
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 04:10:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM



TIC: BM014134.D

(60) 4-Nitroaniline

15.316min (-0.006) 17.66ng/ul m SJ 2/7/18

response 56044

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	60.13#
108.00	100.00	129.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 04:14:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	86832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	356522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	241867	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	593406	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	674205	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	660960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	14721	7.78	ng/uL	0.00
5) Phenol-d5	6.74	99	116233	17.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	75564	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	100424	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	100279	18.35	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	53746	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	53973	18.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	114820	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	99808	19.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	387718	19.32	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	497890	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	41415	14.97	ng/ul	0.00
57) Fluorene-d10	15.21	176	349349	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	58890	16.16	ng/ul	0.00
70) Anthracene-d10	17.06	188	573763	19.91	ng/ul	0.00
76) Pyrene-d10	19.37	212	650236	20.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	627529	19.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	14382	6.921	ng/uL#	70
4) Benzaldehyde	6.72	77	52608	16.806	ng/ul	92
6) Phenol	6.76	94	117576	18.008	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.99	93	93090	18.339	ng/ul	91
10) 2-Chlorophenol	7.12	128	95095	18.235	ng/ul#	89
11) 2-Methylphenol	8.00	108	93829	18.661	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.08	45	96892	19.004	ng/ul#	70
14) Acetophenone	8.37	105	168095	18.221	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.36	70	88343	18.723	ng/ul#	70
16) 4-Methylphenol	8.33	108	100328	18.674	ng/ul	98
17) Hexachloroethane	8.60	117	52536	19.314	ng/ul	84
20) Nitrobenzene	8.75	77	141899	19.620	ng/ul	96
21) Isophorone	9.27	82	243246	19.979	ng/ul	95
23) 2-Nitrophenol	9.46	139	58261	19.895	ng/ul	98
24) 2,4-Dimethylphenol	9.52	107	132098	20.004	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.76	93	127858	19.065	ng/ul	93
27) 2,4-Dichlorophenol	9.99	162	108021	19.401	ng/ul#	89
28) Naphthalene	10.37	128	353140	19.675	ng/ul	99
30) 4-Chloroaniline	10.50	127	105685	20.305	ng/ul	97
31) Hexachlorobutadiene	10.65	225	94704	18.866	ng/ul	93
32) Caprolactam	11.29	113	28923m	18.920	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	109249	18.731	ng/ul	90
34) 2-Methylnaphthalene	12.00	142	266512	19.667	ng/ul	94

SJ 2/7/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014134.D
Acq On : 03 Feb 2018 03:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
2/5/2018 3:57:32 PM

Quant Time: Feb 03 04:14:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 03:23:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	177688	20.120 ng/ul#	91
37) Hexachlorocyclopentadiene	12.34	237	71203	14.805 ng/ul	94
38) 2,4,6-Trichlorophenol	12.63	196	103765	20.201 ng/ul	95
39) 2,4,5-Trichlorophenol	12.71	196	111995	21.195 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	378210	20.131 ng/ul	98
41) 2-Chloronaphthalene	13.07	162	301541	19.866 ng/ul	93
42) 2-Nitroaniline	13.30	65	83382	19.338 ng/ul	93
44) Dimethylphthalate	13.67	163	380353	19.656 ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	74821	19.908 ng/ul#	73
47) Acenaphthylene	13.92	152	446351	19.742 ng/ul	99
48) 3-Nitroaniline	14.15	138	50313	17.814 ng/ul	90
49) Acenaphthene	14.27	153	315082	19.876 ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	26447	13.117 ng/ul#	90
52) 4-Nitrophenol	14.46	109	54732	16.418 ng/ul#	76
53) Dibenzofuran	14.61	168	484067	20.052 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	112991	19.869 ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	14.85	232	105743	19.851 ng/ul#	89
56) Diethylphthalate	15.05	149	405105	19.957 ng/ul	93
58) Fluorene	15.26	166	400383	19.889 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.26	204	224825	19.504 ng/ul	96
60) 4-Nitroaniline	15.32	138	56044m	17.657 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.37	198	64801	17.549 ng/ul	92
64) N-Nitrosodiphenylamine	15.48	169	333571	19.483 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	144669	19.506 ng/ul	93
66) Hexachlorobenzene	16.27	284	152473	19.321 ng/ul#	89
67) Atrazine	16.44	200	131273	19.090 ng/ul	96
68) Pentachlorophenol	16.62	266	64393	16.573 ng/ul	97
69) Phenanthrene	17.00	178	674153	20.206 ng/ul	99
71) Anthracene	17.10	178	658311	19.475 ng/ul	99
72) Carbazole	17.38	167	516285	18.726 ng/ul	100
73) Di-n-butylphthalate	17.94	149	672346	19.440 ng/ul	100
74) Fluoranthene	19.03	202	787396	18.969 ng/ul#	98
77) Pyrene	19.40	202	822632	20.448 ng/ul	98
78) Butylbenzylphthalate	20.31	149	305460	19.260 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.10	252	218698	20.816 ng/ul	96
80) Benzo(a)anthracene	21.15	228	835001	19.882 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.09	149	441294	19.084 ng/ul	100
82) Chrysene	21.20	228	787777	19.955 ng/ul	98
84) Di-n-octyl phthalate	21.95	149	754293	17.928 ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	823894	19.753 ng/ul#	99
86) Benzo(k)fluoranthene	22.74	252	774420	18.887 ng/ul#	98
88) Benzo(a)pyrene	23.26	252	767738	19.532 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	854705	19.843 ng/ul	97
90) Dibenzo(a,h)anthracene	25.52	278	716903	19.628 ng/ul	96
91) Benzo(g,h,i)perylene	26.18	276	697318	19.582 ng/ul	96

SJ 2/7/18

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