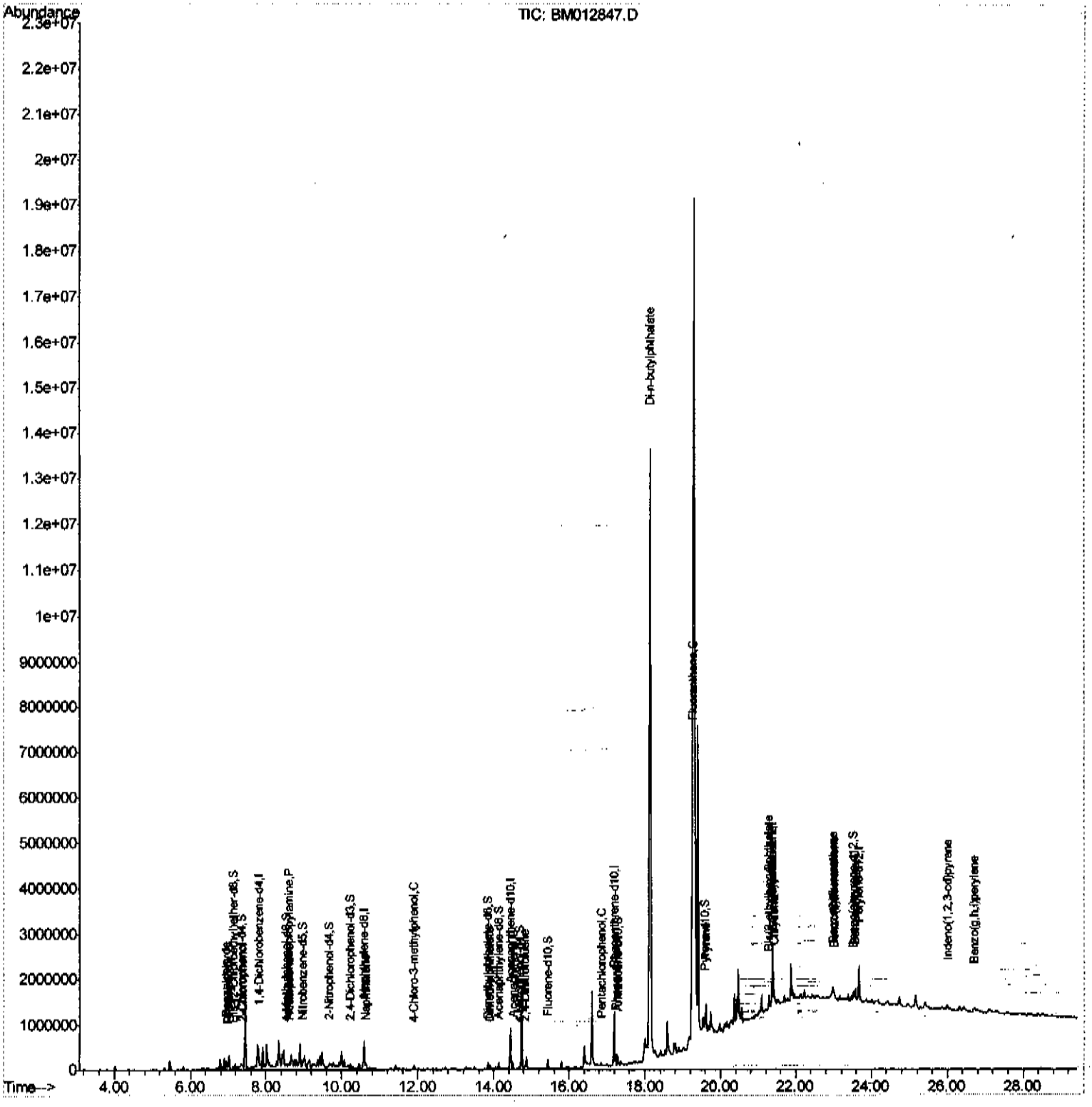
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012847.D
Acq On : 09 Nov 2017 10:54
Operator : SJ/JU
Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 09 12:33:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MS

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:16 PM



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012847.D
Acq On : 09 Nov 2017 10:54
Operator : SJ/JU
Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 09 12:00:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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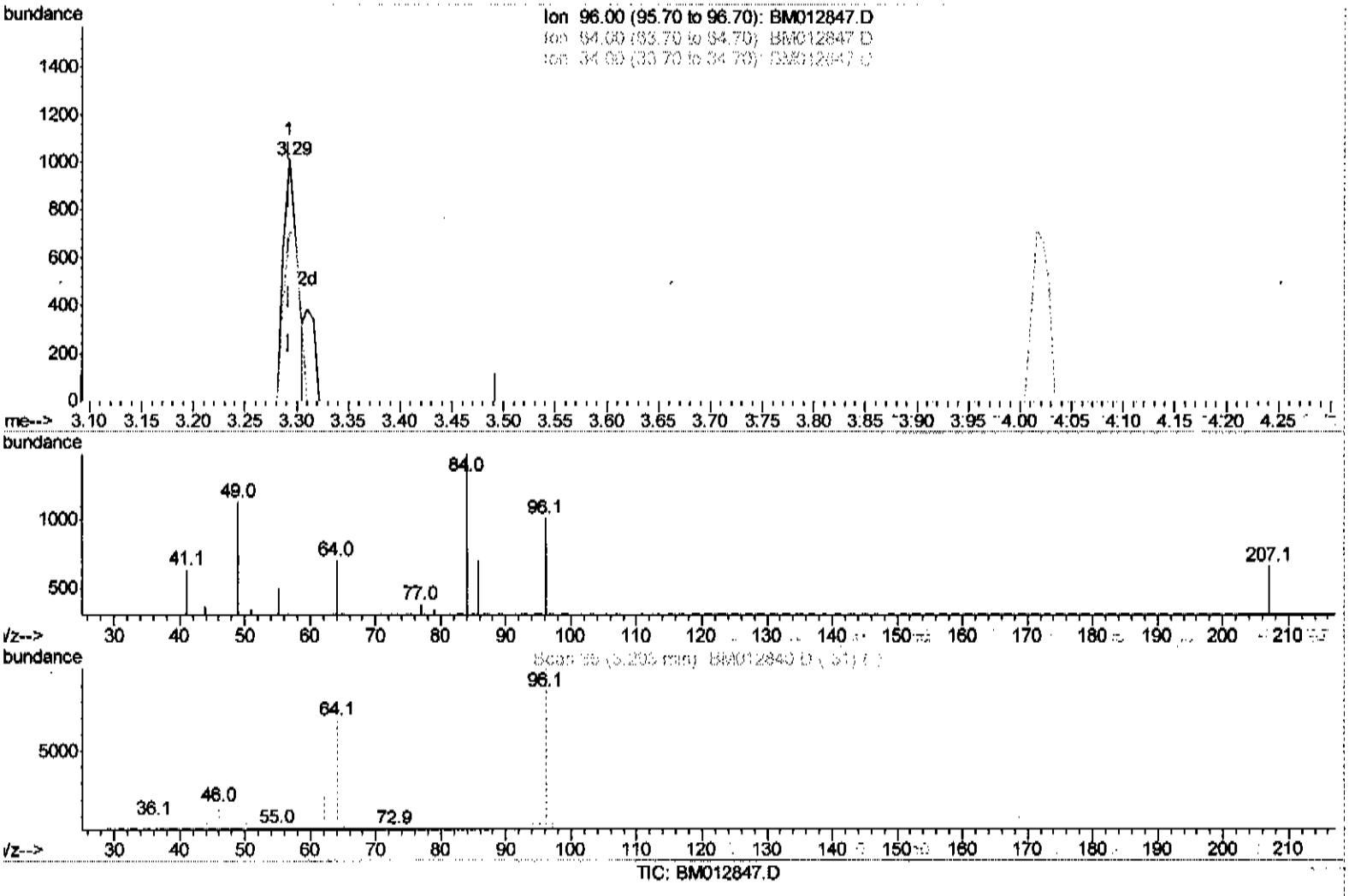

TIC: BM012847.D

(3) 1,4-Dioxane-d8 (S)

3.293min (-0.000) 0.42ng/uL

response 946

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	80.34
34.00	0.00	0.00
0.00	0.00	0.00

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Misc :
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BNA_M
ClientSampleId :
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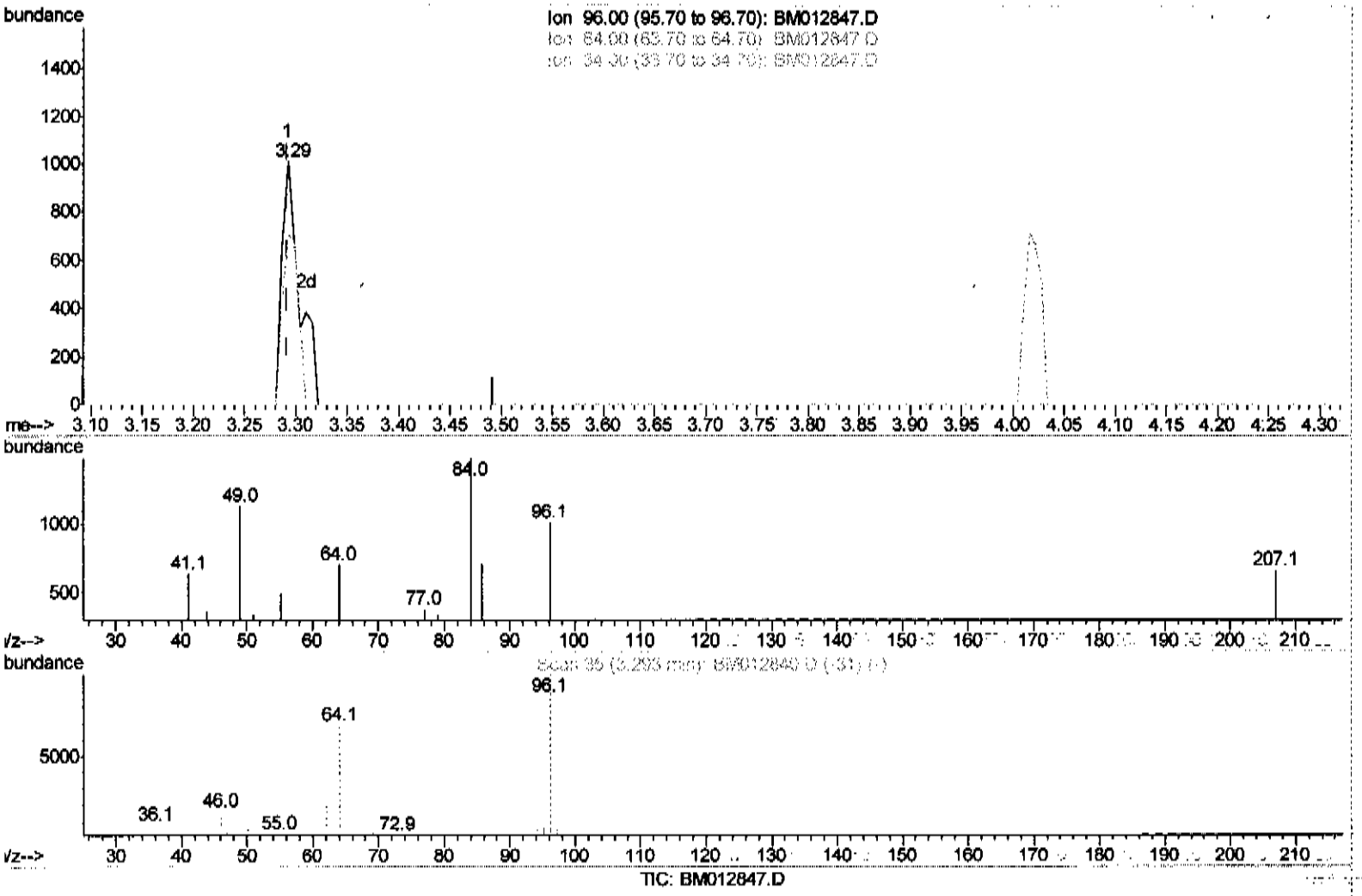
Manual Integrations APPROVED
Sohil
11/9/2017 3:49:16 PM



TIC: BM012847.D

(3) 1,4-Dioxane-d8 (S)

3.293min (-0.000) 0.54ng/uL m SJ 11/13/17

response 1204

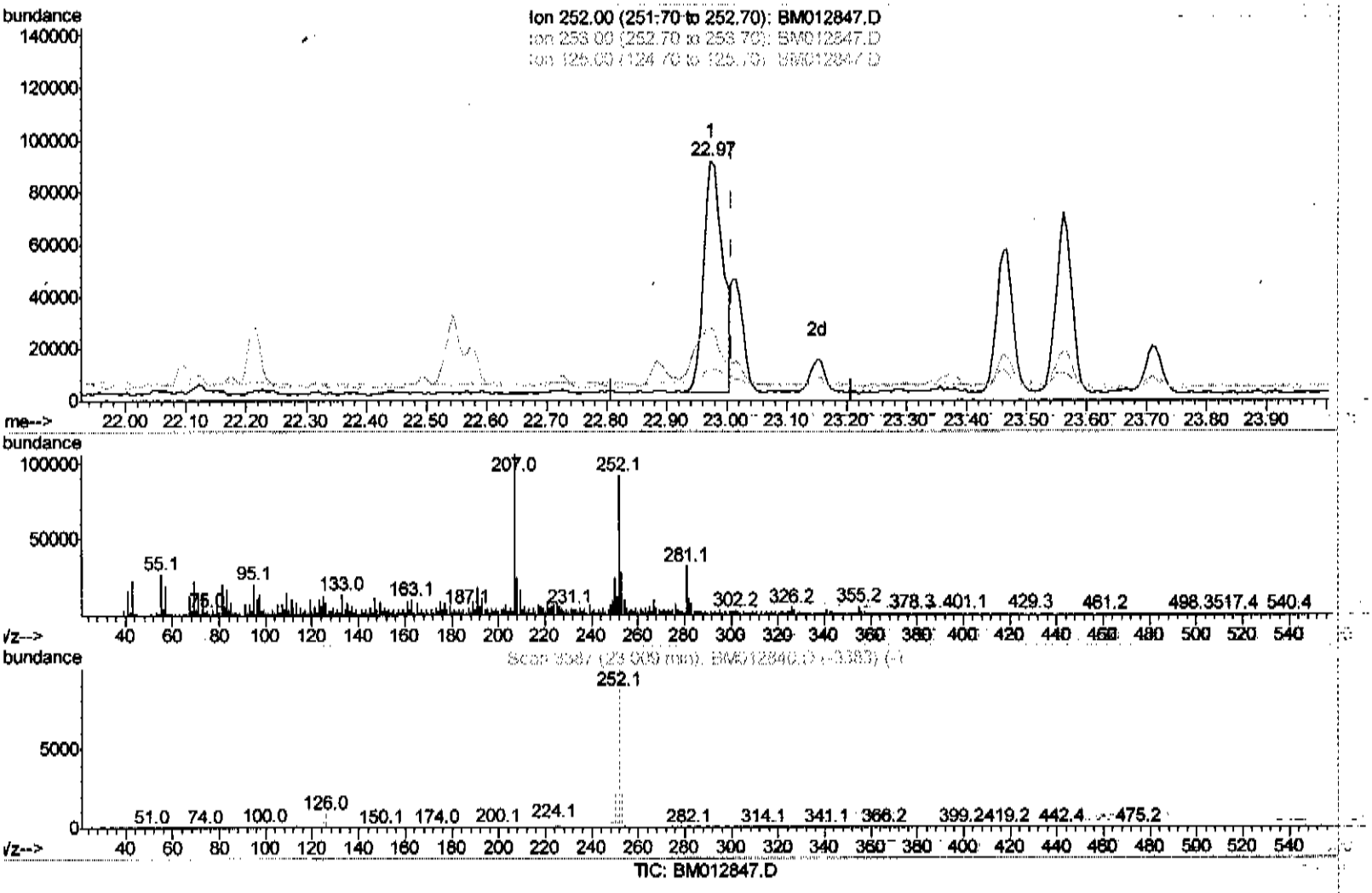
Ion	Exp%	Act%
96.00	100	100
64.00	67.80	63.12
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012847.D
Acq On : 09 Nov 2017 10:54
Operator : SJ/JU
Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 09 12:30:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MS

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:16 PM



TIC: BM012847.D

(88) Benzo(k)fluoranthene

22.974min (-0.035) 5.57ng/ul

response 195881

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	31.19#
125.00	10.20	13.32#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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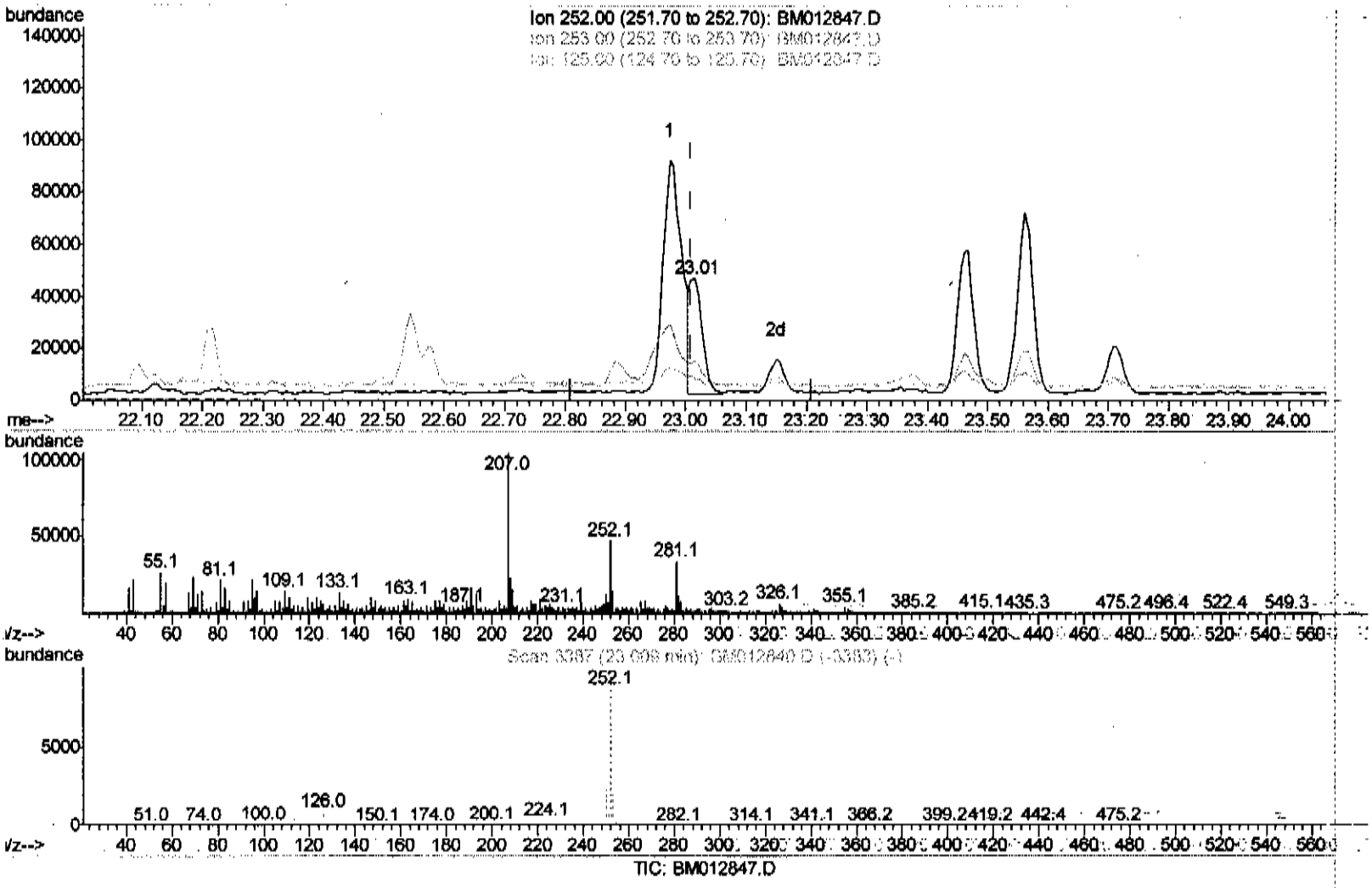
Manual Integrations APPROVED
Sohil
11/9/2017 3:49:16 PM



TIC: BM012847.D

(88) Benzo(k)fluoranthene

23.015min (+0.006) 1.77ng/ul m SJ 11/13/17

response 62302

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	31.92#
125.00	10.20	17.07#
0.00	0.00	0.00

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Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Nov 09 12:33:43 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	120732	20.00 ng/ul	0.00
18) Naphthalene-d8	10.59	136	512842	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.44	164	316083	20.00 ng/ul	0.00
61) Phenanthrene-d10	17.19	188	694955	20.00 ng/ul	0.00
77) Chrysene-d12	21.37	240	591100	20.00 ng/ul	0.00
85) Perylene-d12	23.66	264	604995	20.00 ng/ul	0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.29	96	1204m	0.54 ng/uL	0.00
5) Phenol-d5	6.99	99	31866	3.55 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	16464	3.38 ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	25123	3.36 ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	23265	3.00 ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	14004	3.70 ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	11554	2.66 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	27310	3.07 ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	298	0.03 ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	89639	3.43 ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	105034	3.25 ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	10035	2.39 ng/ul	0.01
57) Fluorene-d10	15.44	176	80655	3.60 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00 ng/ul	
70) Anthracene-d10	17.29	188	121347	3.61 ng/ul	0.00
78) Pyrene-d10	19.59	212	110419	4.03 ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	101041	3.53 ng/ul	0.01
Target Compounds					Qvalue
4) Benzaldehyde	6.95	77	10134	2.121 ng/ul#	1
6) Phenol	7.01	94	36761	3.986 ng/ul#	94
10) 2-Chlorophenol	7.37	128	25787	3.345 ng/ul	94
14) Acetophenone	8.60	105	34266	2.937 ng/ul#	38
15) N-Nitroso-di-n-propylamine	8.60	70	17084	3.046 ng/ul	97
28) Naphthalene	10.65	128	74033	2.887 ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	29567	3.510 ng/ul	96
44) Dimethylphthalate	13.90	163	57159	2.202 ng/ul#	97
49) Acenaphthene	14.50	153	68860	3.223 ng/ul	99
52) 4-Nitrophenol	14.69	109	8297	2.244 ng/ul	90
54) 2,4-Dinitrotoluene	14.83	165	18434	2.413 ng/ul#	97
68) Pentachlorophenol	16.85	266	13767	2.364 ng/ul	89
69) Phenanthrene	17.23	178	155557	4.095 ng/ul	98
75) Di-n-butylphthalate	18.14	149	38982	1.013 ng/ul#	76
76) Fluoranthene	19.25	202	266808	5.845 ng/ul#	91
79) Pyrene	19.62	202	359027	10.180 ng/ul#	93
82) Benzo(a)anthracene	21.36	228	132050	3.692 ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.28	149	93465	4.989 ng/ul#	90
84) Chrysene	21.41	228	148074	4.568 ng/ul#	92
87) Benzo(b)fluoranthene	22.97	252	195881	5.298 ng/ul#	84
88) Benzo(k)fluoranthene	23.01	252	62302m	1.773 ng/ul	
90) Benzo(a)pyrene	23.56	252	127753	3.631 ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.99	276	102380	2.415 ng/ul#	84

SJ 11/13/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.70	276	100968	2.890	ng/ul#	91

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